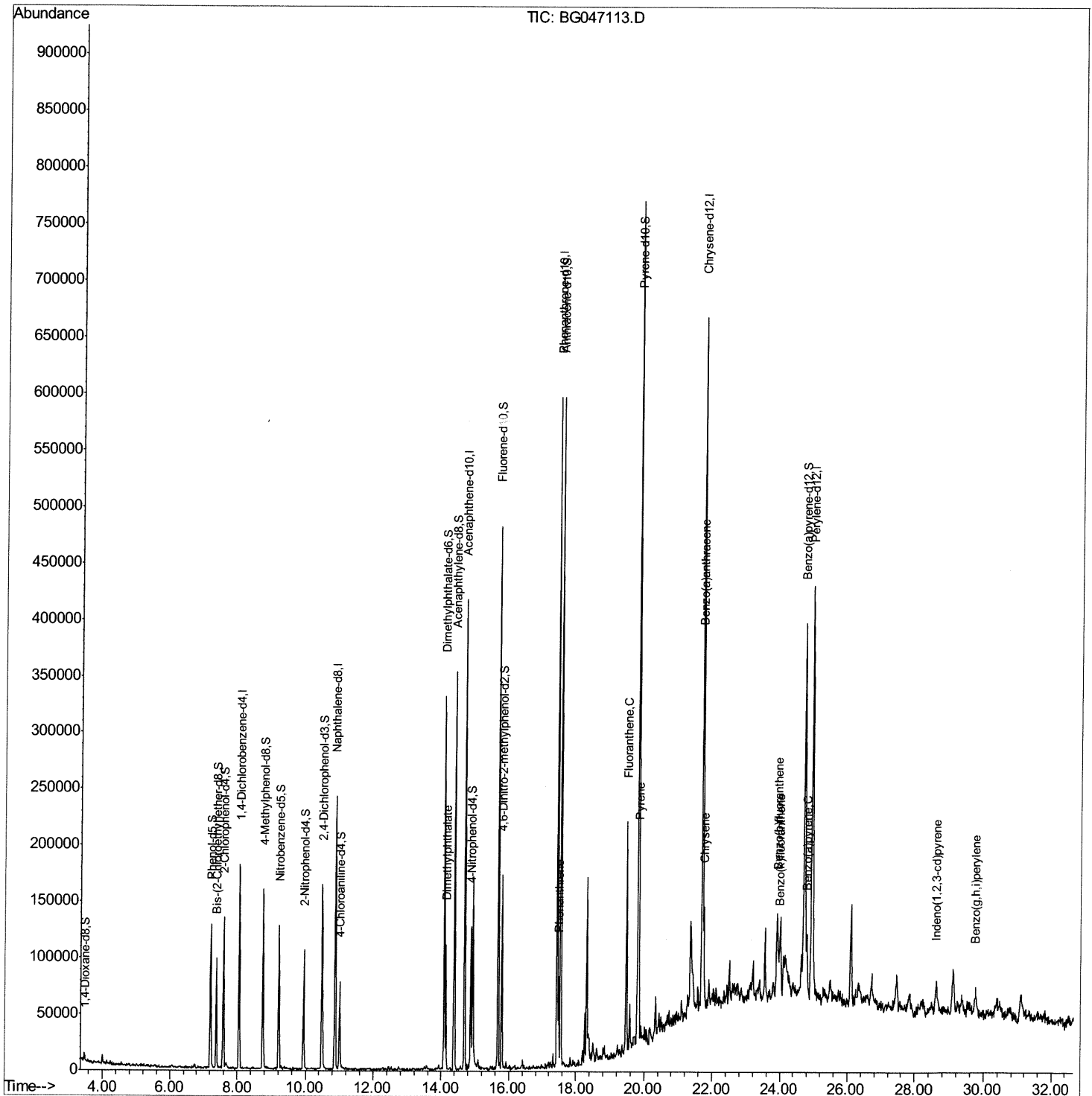


Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
Data File : BG047113.D
Acq On : 29 Oct 2020 10:21
Operator : CG/JU
Sample : L4499-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

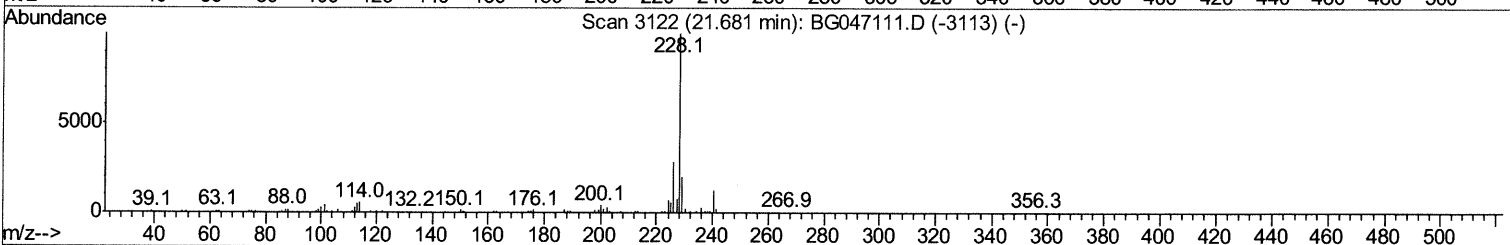
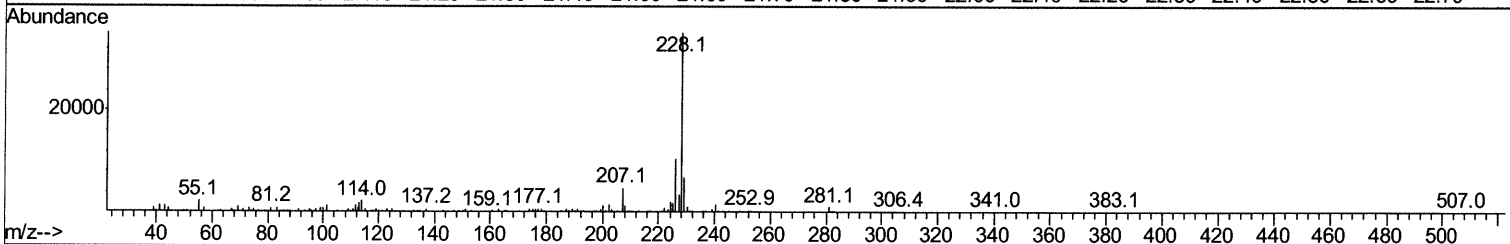
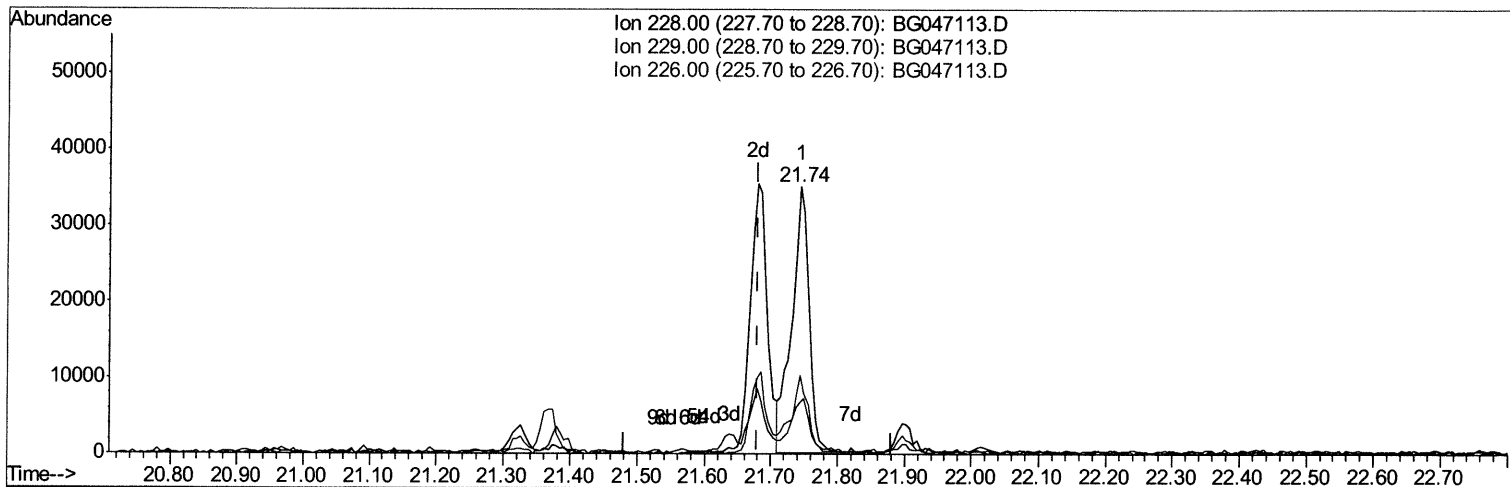
Quant Time: Oct 29 11:01:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 10:00:01 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
 Data File : BG047113.D
 Acq On : 29 Oct 2020 10:21
 Operator : CG/JU
 Sample : L4499-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 29 10:56:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 10:00:01 2020
 Response via : Initial Calibration



TIC: BG047113.D

(83) Benzo(a)anthracene

21.743min (+0.063) 2.42ng/ul

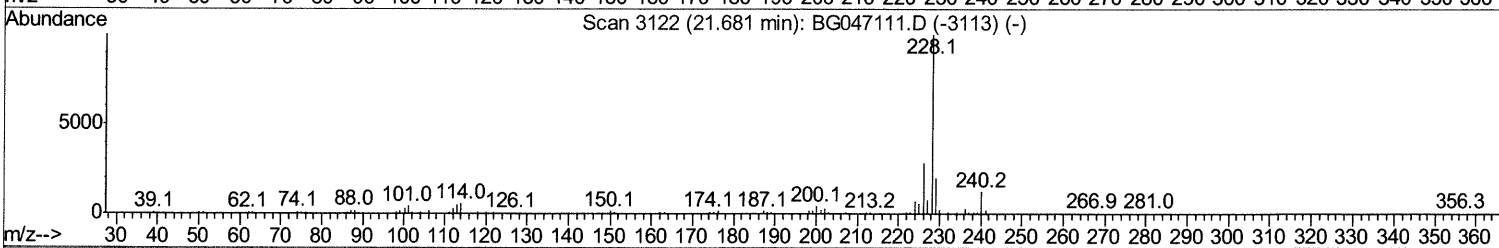
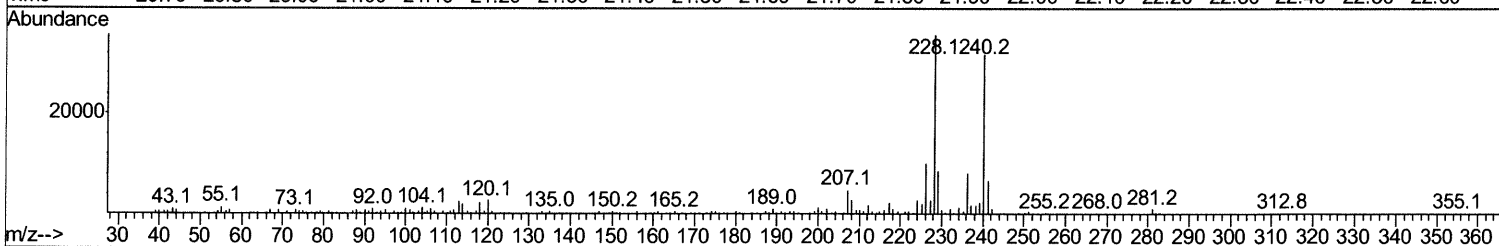
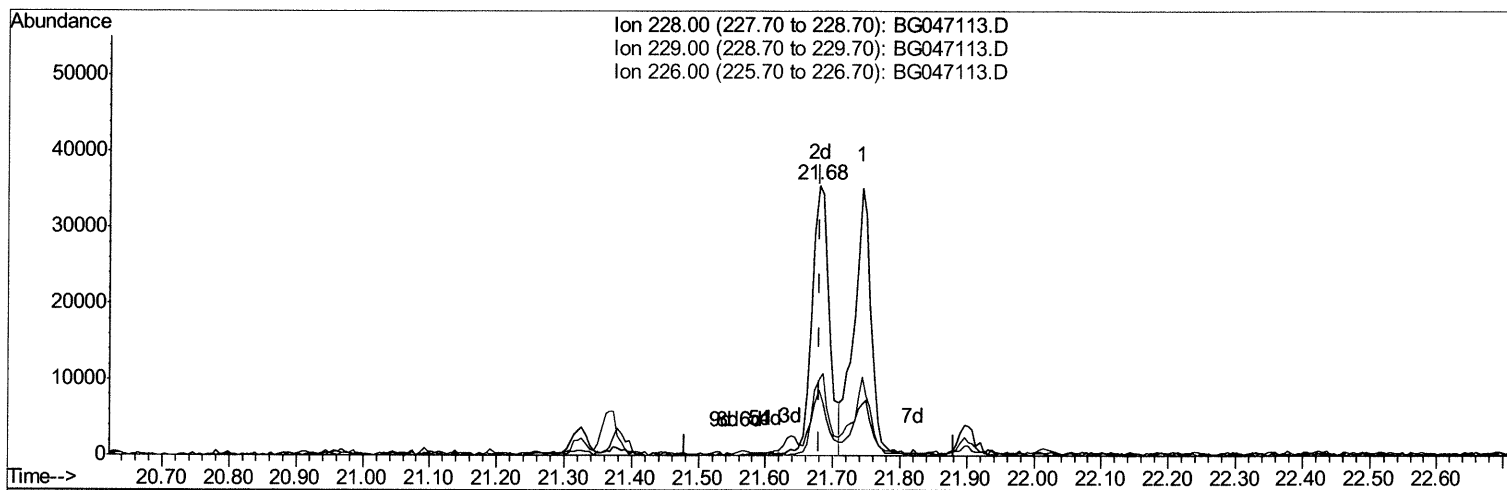
response 63196

Ion	Exp%	Act%
228.00	100	100
229.00	20.00	19.41
226.00	26.00	29.65
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
Data File : BG047113.D
Acq On : 29 Oct 2020 10:21
Operator : CG/JU
Sample : L4499-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 29 10:56:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 10:00:01 2020
Response via : Initial Calibration



TIC: BG047113.D

(83) Benzo(a)anthracene

21.679min (-0.002) 2.46ng/ul m 10/30/20 JU

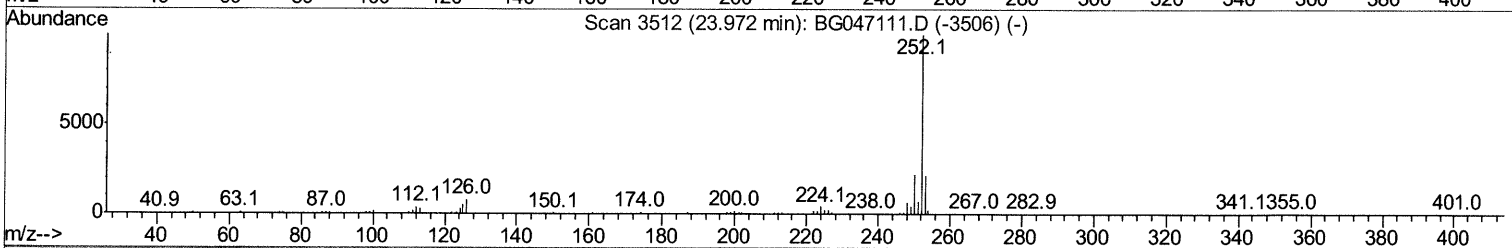
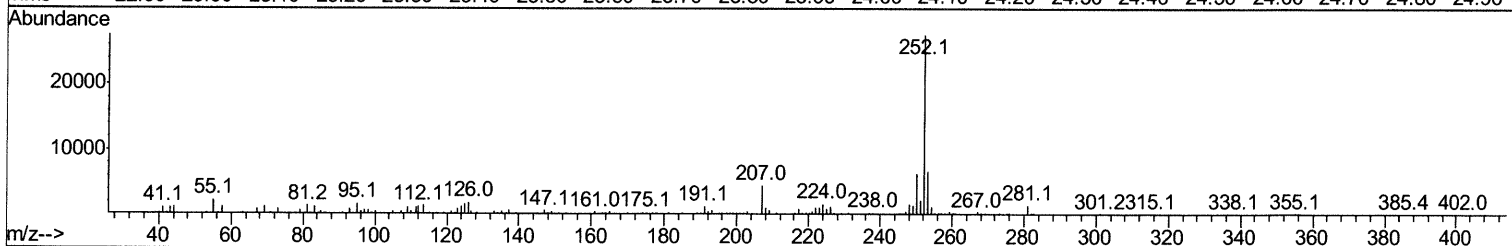
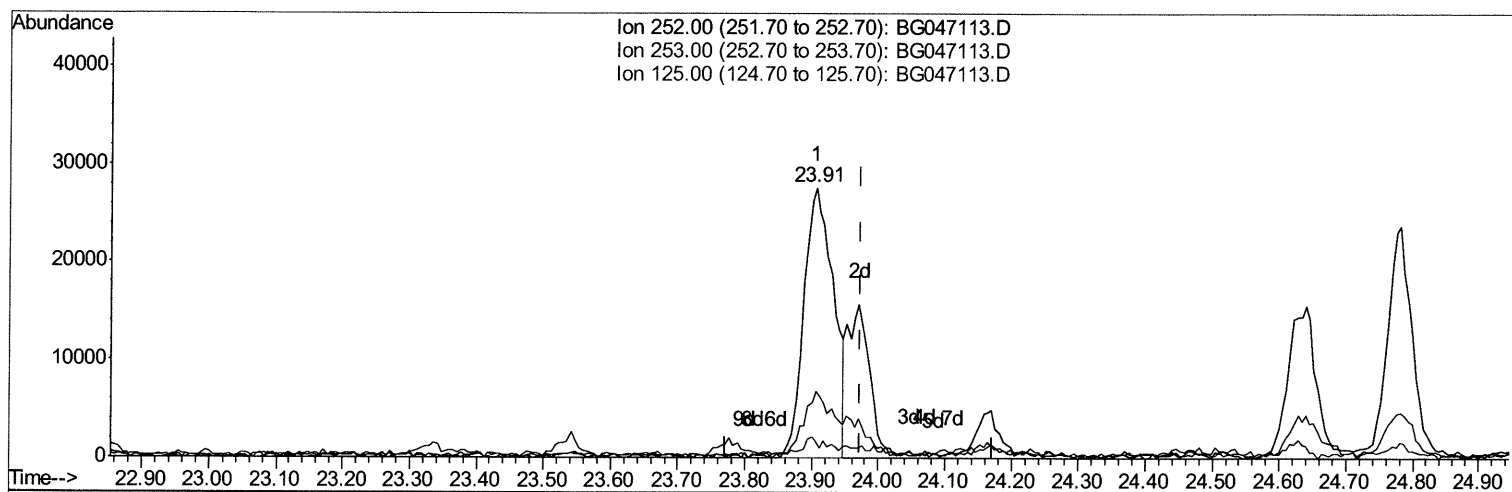
response 64319

Ion	Exp%	Act%
228.00	100	100
229.00	20.00	24.28#
226.00	26.00	28.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
 Data File : BG047113.D
 Acq On : 29 Oct 2020 10:21
 Operator : CG/JU
 Sample : L4499-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 29 10:56:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 10:00:01 2020
 Response via : Initial Calibration



TIC: BG047113.D

(89) Benzo(k)fluoranthene

23.906min (-0.066) 3.33ng/ul

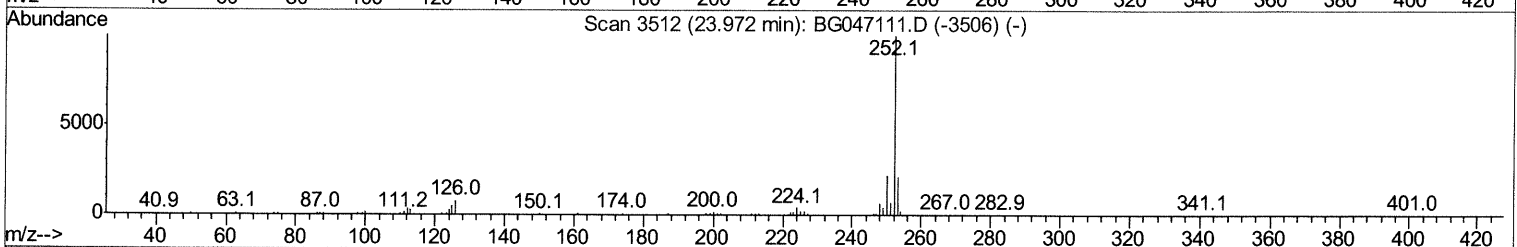
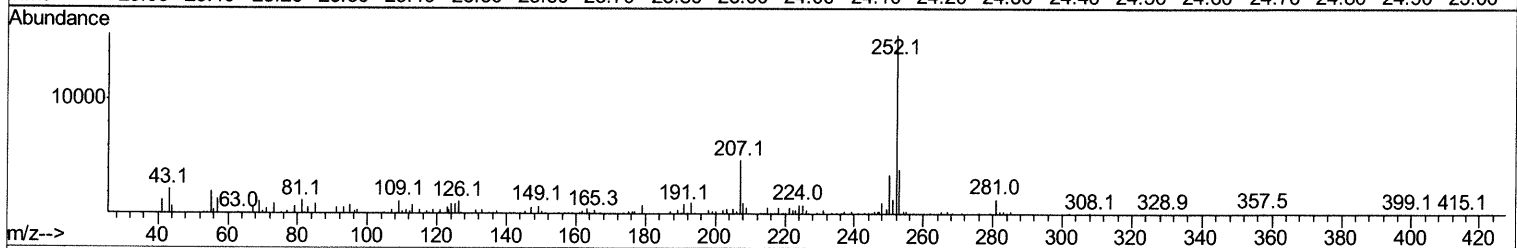
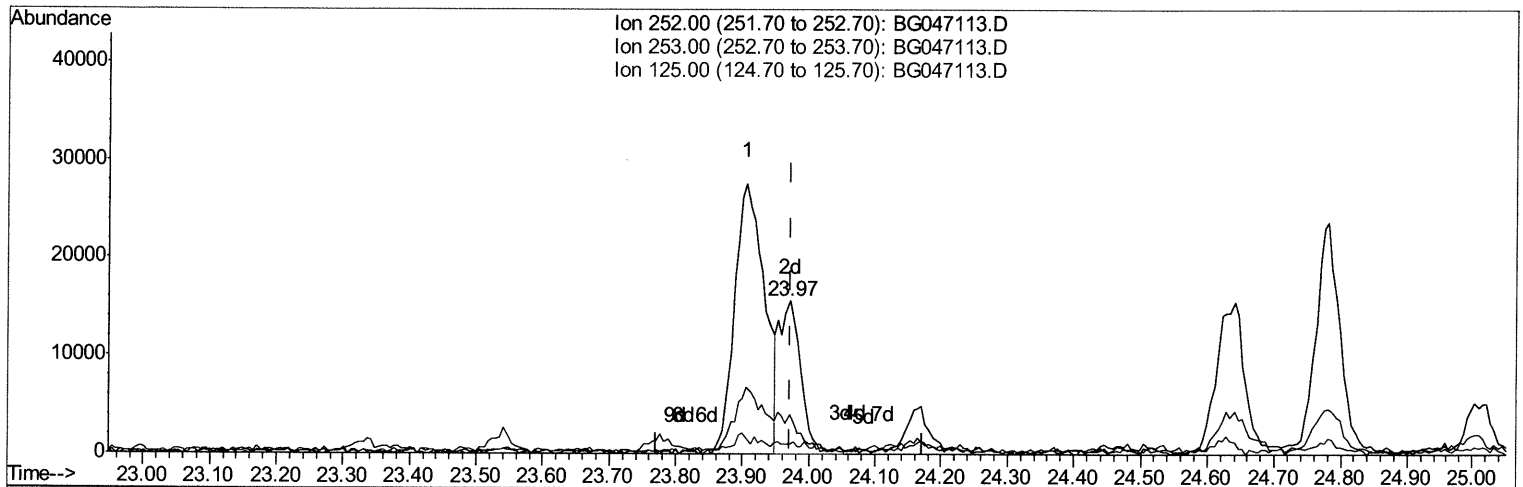
response 85305

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	24.38
125.00	5.20	6.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
Data File : BG047113.D
Acq On : 29 Oct 2020 10:21
Operator : CG/JU
Sample : L4499-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 29 10:56:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 10:00:01 2020
Response via : Initial Calibration



TIC: BG047113.D

(89) Benzo(k)fluoranthene

23.970min (-0.002) 1.42ng/ul m 10/31/20 JU

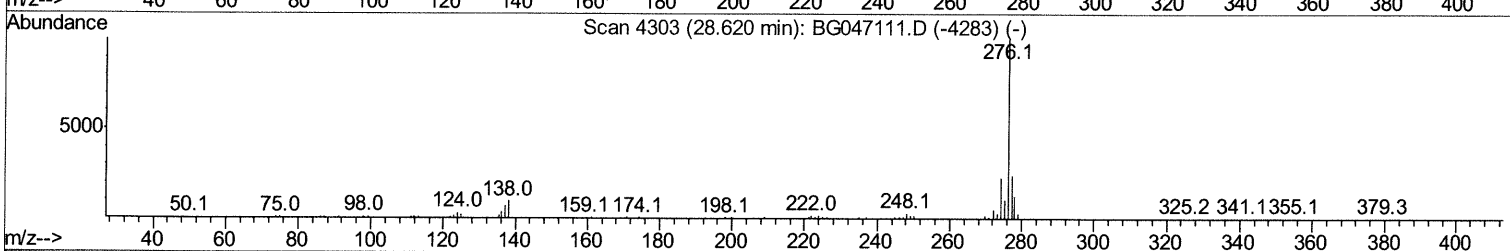
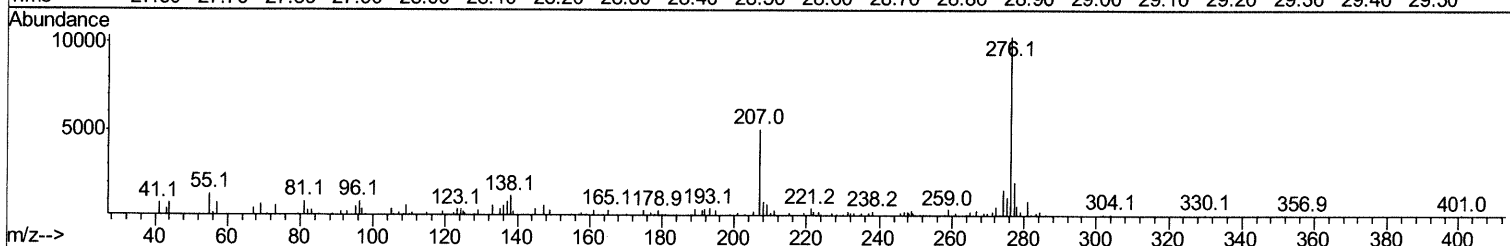
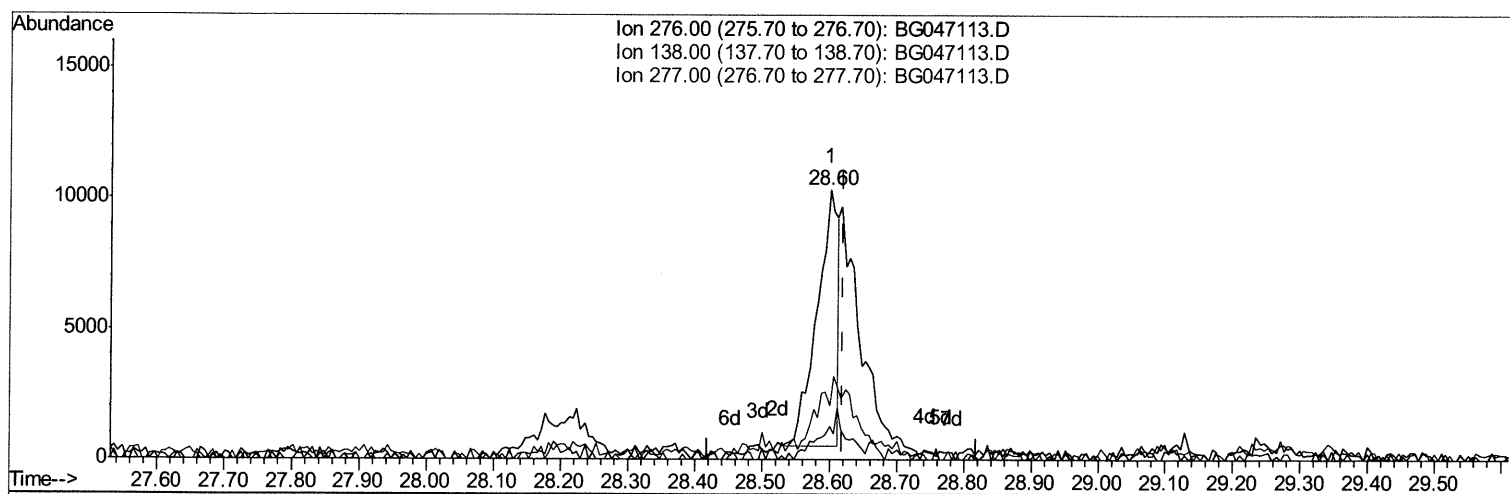
response 36482

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	25.65#
125.00	5.20	6.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
Data File : BG047113.D
Acq On : 29 Oct 2020 10:21
Operator : CG/JU
Sample : L4499-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 29 10:56:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 10:00:01 2020
Response via : Initial Calibration



TIC: BG047113.D

(92) Indeno(1,2,3-cd)pyrene

28.600min (-0.020) 0.72ng/ul

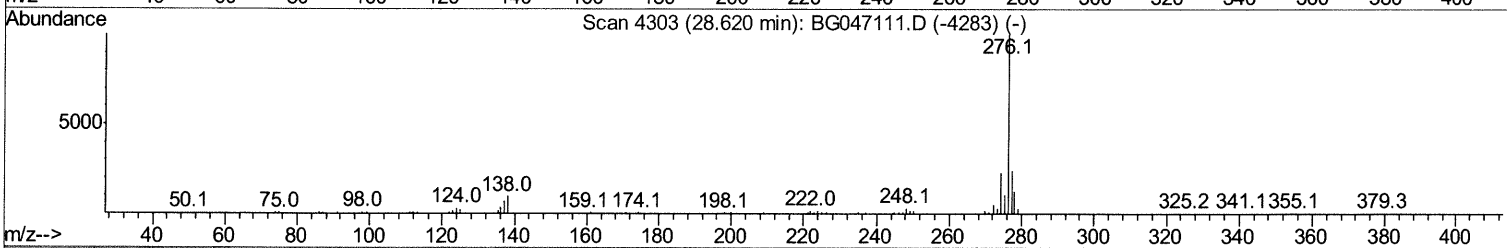
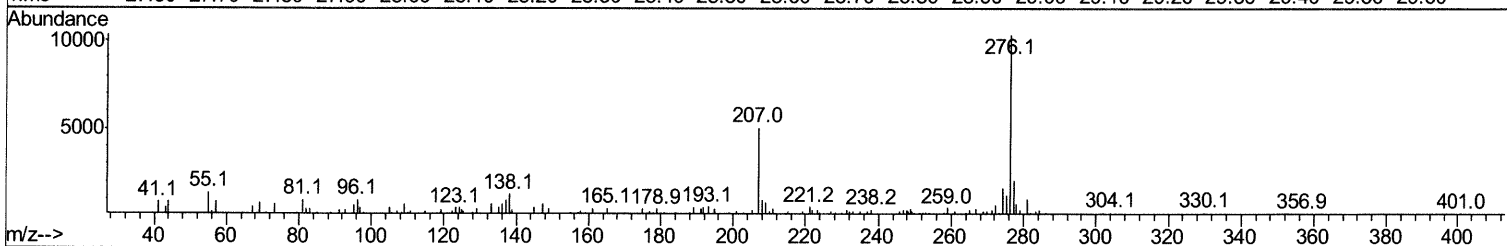
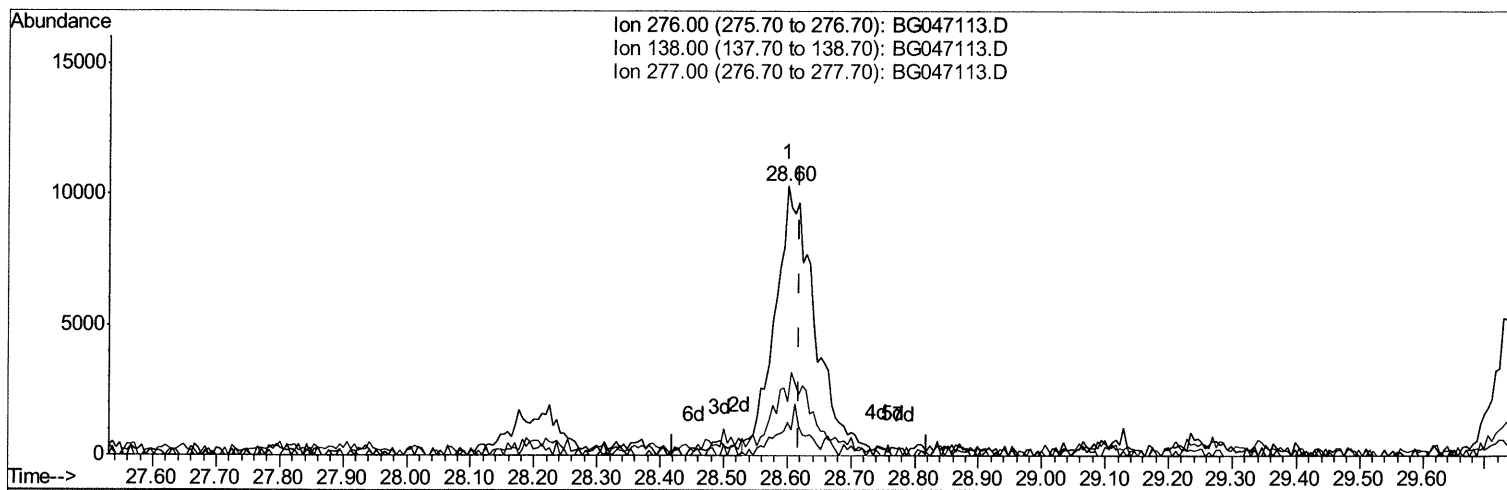
response 21367

Ion	Exp%	Act%
276.00	100	100
138.00	9.00	12.12#
277.00	23.00	19.91
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
 Data File : BG047113.D
 Acq On : 29 Oct 2020 10:21
 Operator : CG/JU
 Sample : L4499-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 29 10:56:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 10:00:01 2020
 Response via : Initial Calibration



TIC: BG047113.D

(92) Indeno(1,2,3-cd)pyrene

28.600min (-0.020) 1.54ng/ul m *10/30/20 JU*

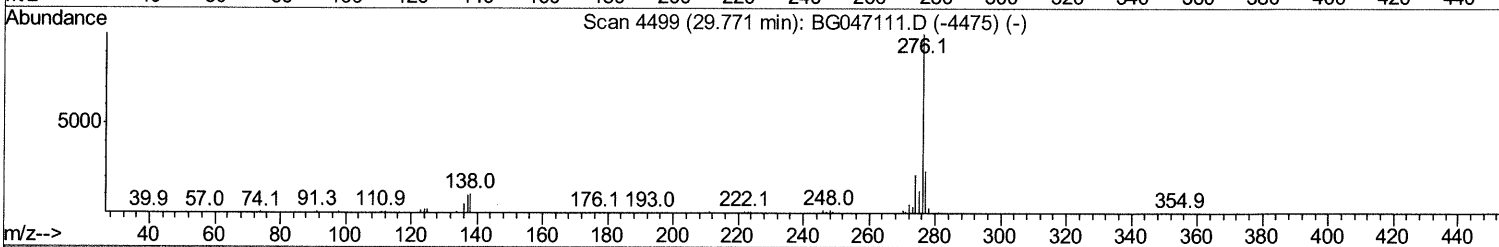
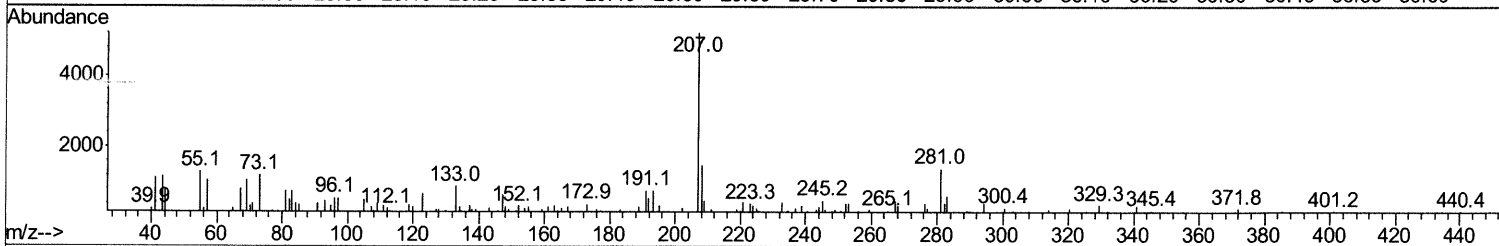
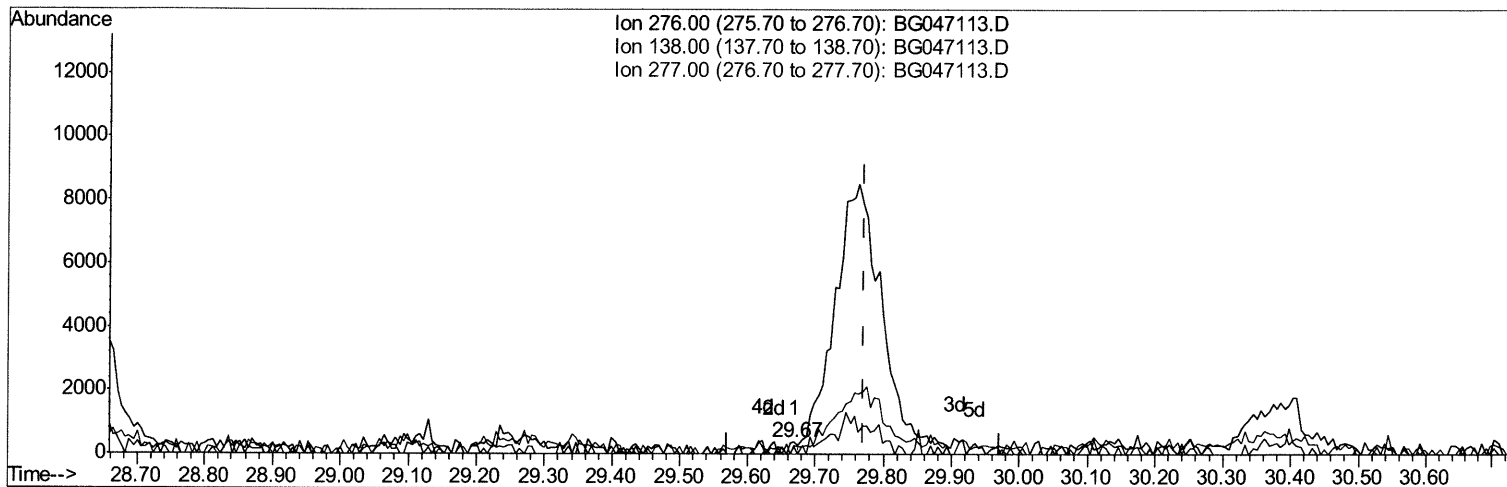
response 45488

Ion	Exp%	Act%
276.00	100	100
138.00	9.00	12.12#
277.00	23.00	19.91
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
 Data File : BG047113.D
 Acq On : 29 Oct 2020 10:21
 Operator : CG/JU
 Sample : L4499-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 29 10:56:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 10:00:01 2020
 Response via : Initial Calibration



TIC: BG047113.D

(94) Benzo(g,h,i)perylene

29.669min (-0.102) 0.01ng/ul

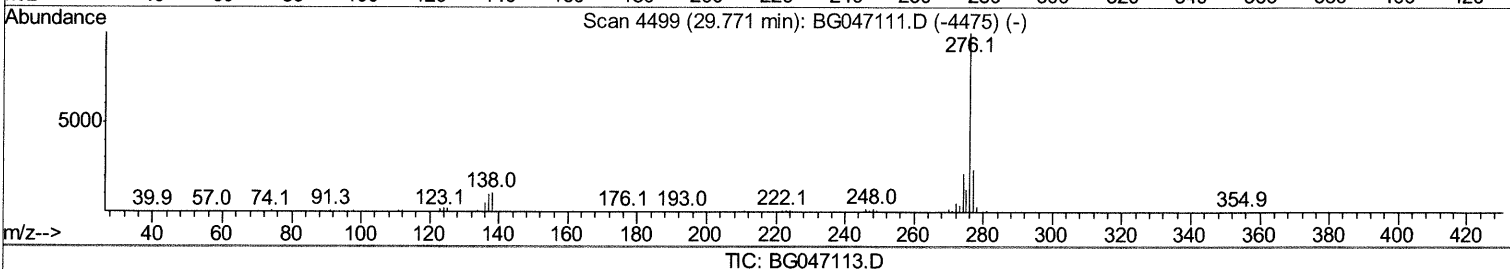
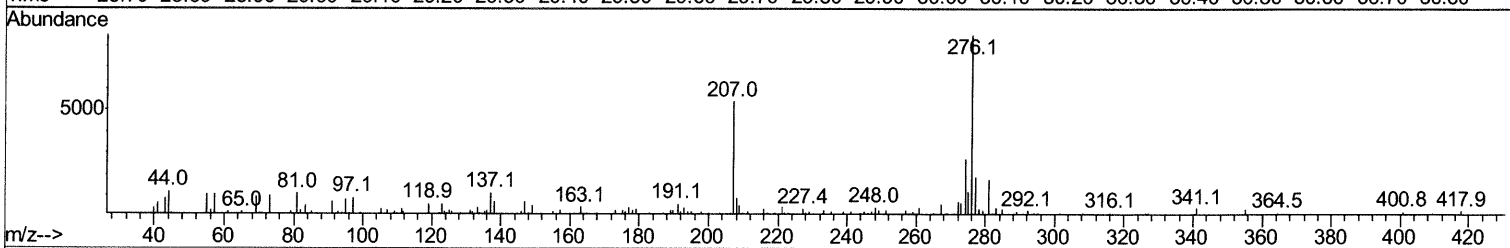
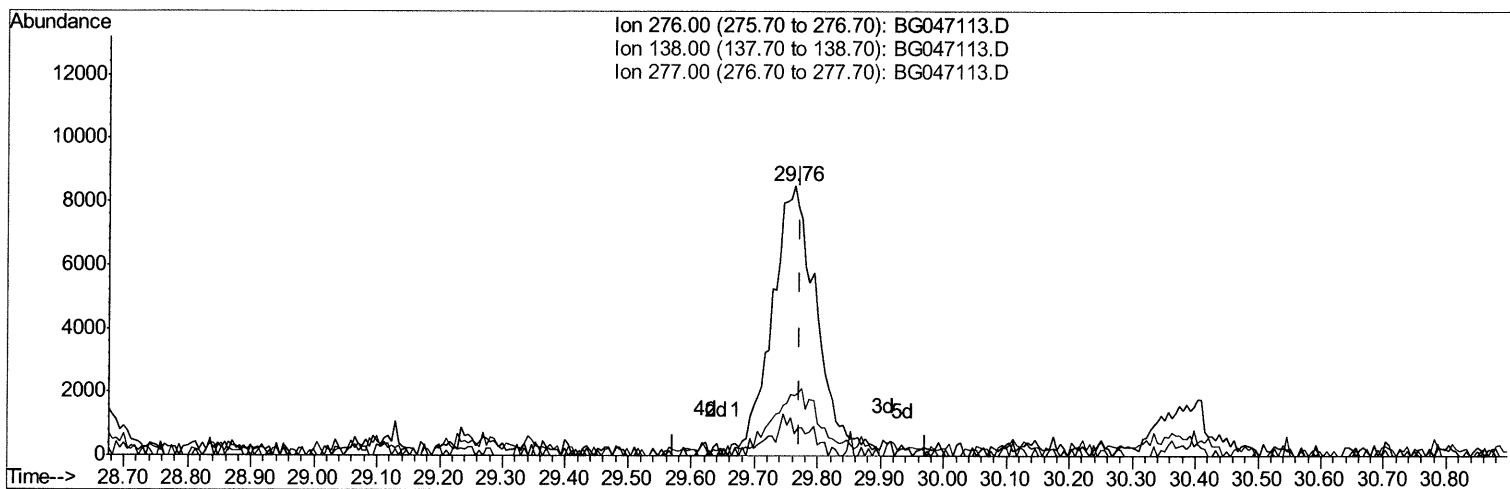
response 353

Ion	Exp%	Act%
276.00	100	100
138.00	11.00	62.80#
277.00	22.10	67.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
Data File : BG047113.D
Acq On : 29 Oct 2020 10:21
Operator : CG/JU
Sample : L4499-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 29 10:56:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 10:00:01 2020
Response via : Initial Calibration



(94) Benzo(g,h,i)perylene

29.763min (-0.008) 1.68ng/ul m 10/30/2020

response 41493

Ion	Exp%	Act%
276.00	100	100
138.00	11.00	8.24#
277.00	22.10	22.22
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
 Data File : BG047113.D
 Acq On : 29 Oct 2020 10:21
 Operator : CG/JU
 Sample : L4499-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 29 11:01:07 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 29 10:00:01 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	49335	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	201506	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	147520	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	373970	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	386030	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	398421	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	3813	3.12	ng/uL	0.00
5) Phenol-d5	7.21	99	72654	16.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	46100	18.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	57232	17.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	58224	17.04	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	28690	16.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	32802	16.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	63026	16.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	43053	13.11	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	219406	18.09	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	252483	17.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	29623	15.51	ng/ul	0.00
58) Fluorene-d10	15.68	176	211669	18.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	42390	16.44	ng/ul	0.00
71) Anthracene-d10	17.53	188	348335	19.22	ng/ul	0.00
79) Pyrene-d10	19.82	212	412719	18.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	390921	17.85	ng/ul	0.00

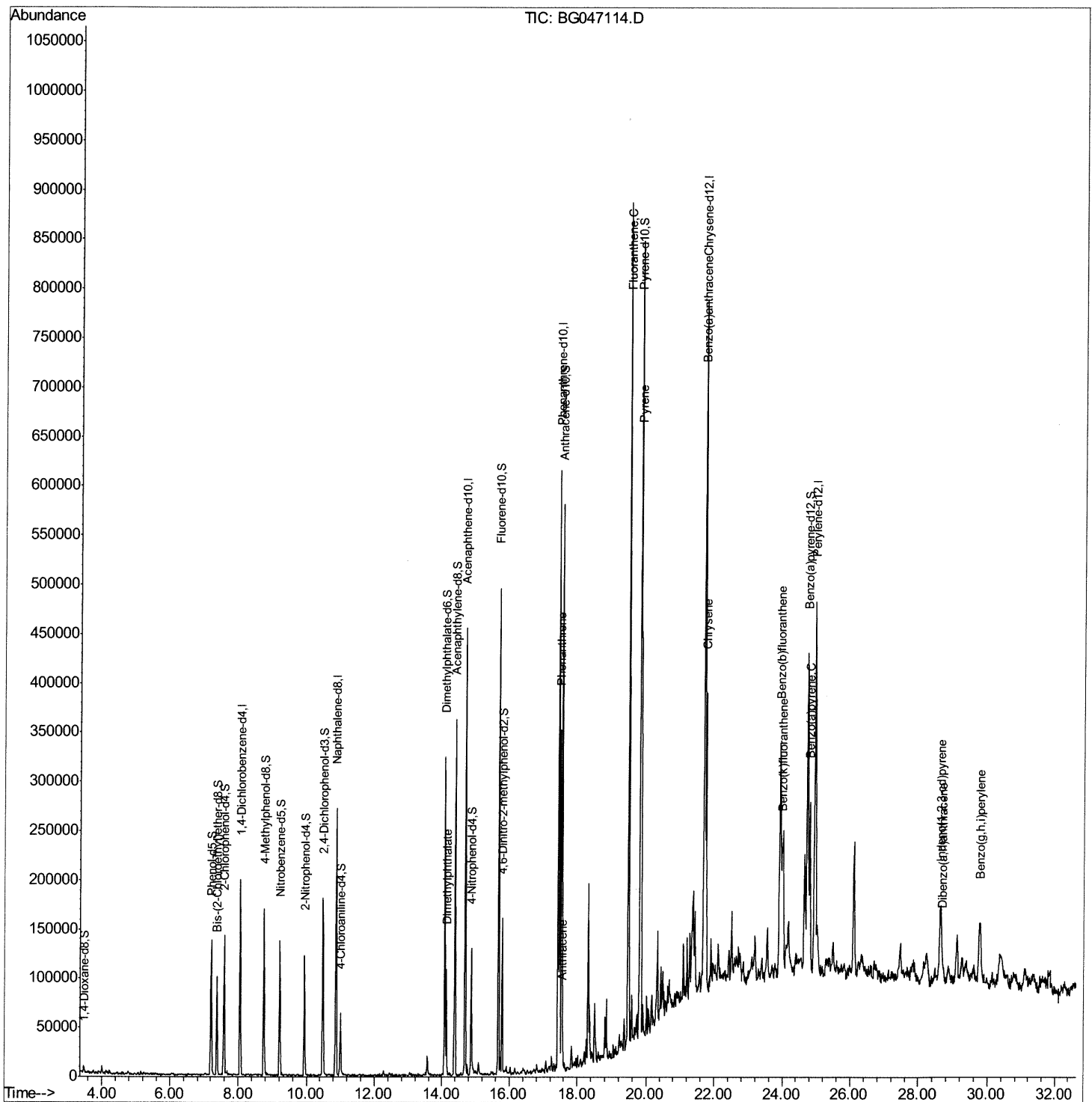
Target Compounds

					Ovalue	
45) Dimethylphthalate	14.13	163	70410	5.784	ng/ul	99
70) Phenanthrene	17.47	178	50059	2.387	ng/ul	99
77) Fluoranthene	19.48	202	126316	5.004	ng/ul	98
80) Pyrene	19.85	202	98624	3.733	ng/ul	98
83) Benzo(a)anthracene	21.68	228	64319m>	2.459	ng/ul>	10/30/2024
85) Chrysene	21.74	228	62790	2.496	ng/ul	98
88) Benzo(b)fluoranthene	23.91	252	85305	3.223	ng/ul	97
89) Benzo(k)fluoranthene	23.97	252	36482m>	1.423	ng/ul>	10/30/2024
91) Benzo(a)pyrene	24.78	252	55842	2.343	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	28.60	276	45488m3	1.536	ng/ul3	
94) Benzo(g,h,i)perylene	29.76	276	41493m3	1.676	ng/ul3	10/30/2024

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
Data File : BG047114.D
Acq On : 29 Oct 2020 11:01
Operator : CG/JU
Sample : L4499-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

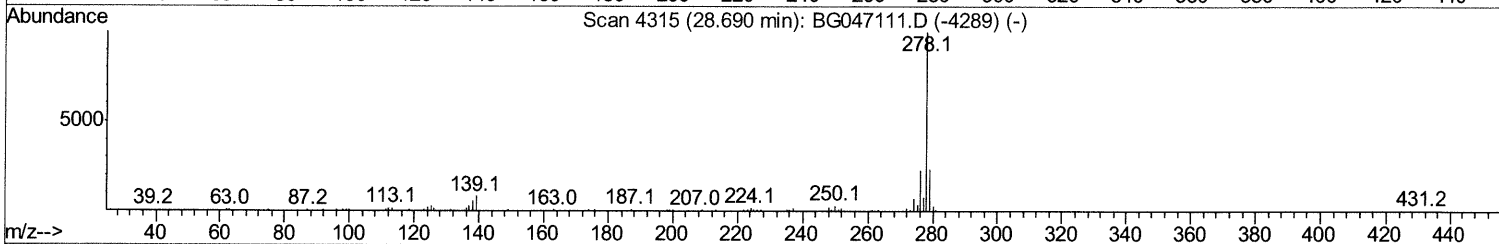
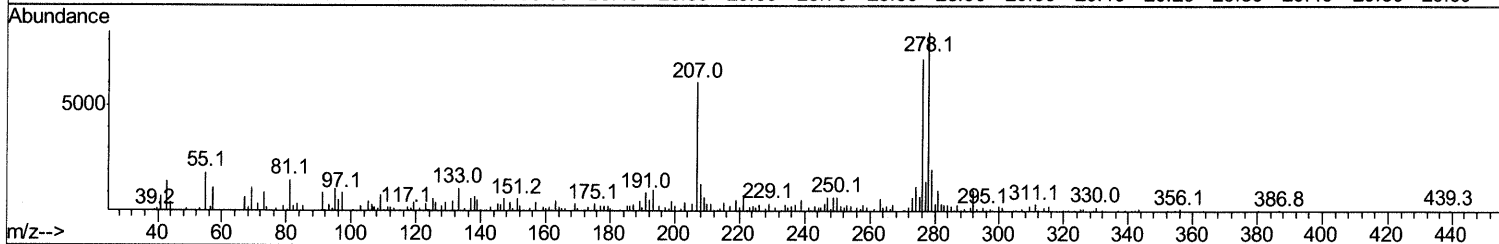
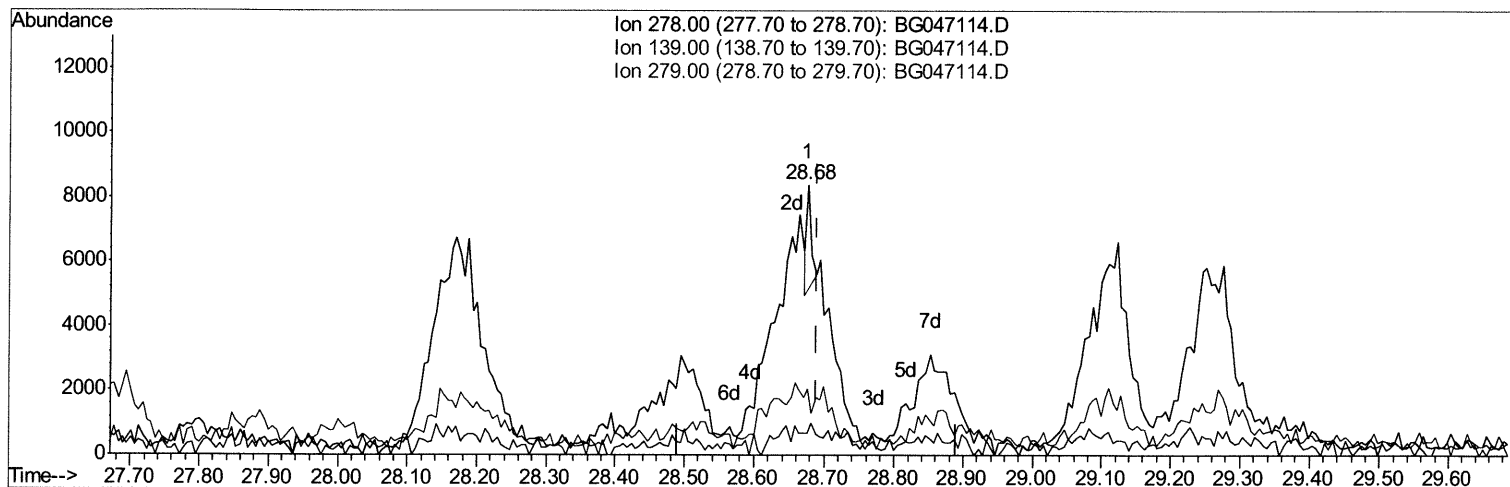
Quant Time: Oct 29 11:41:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 10:00:01 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
 Data File : BG047114.D
 Acq On : 29 Oct 2020 11:01
 Operator : CG/JU
 Sample : L4499-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 29 11:37:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 10:00:01 2020
 Response via : Initial Calibration



TIC: BG047114.D

(93) Dibenzo(a,h)anthracene

28.676min (-0.014) 0.06ng/ul

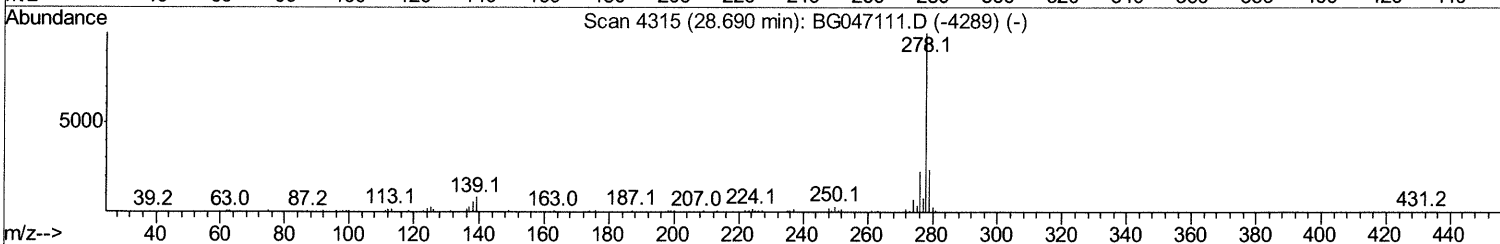
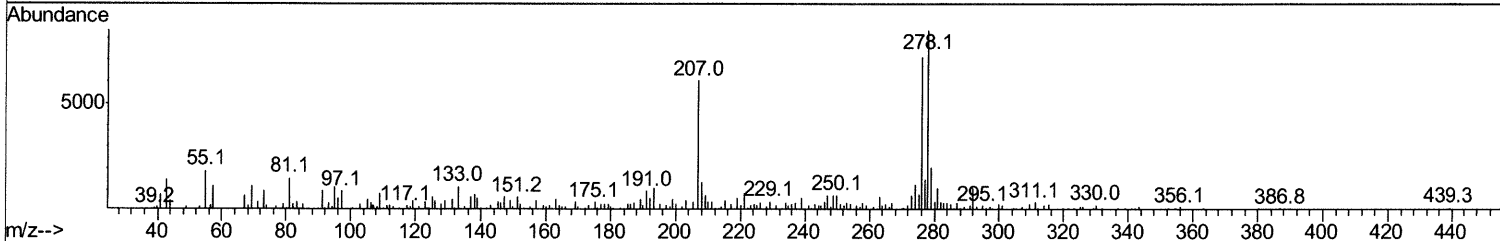
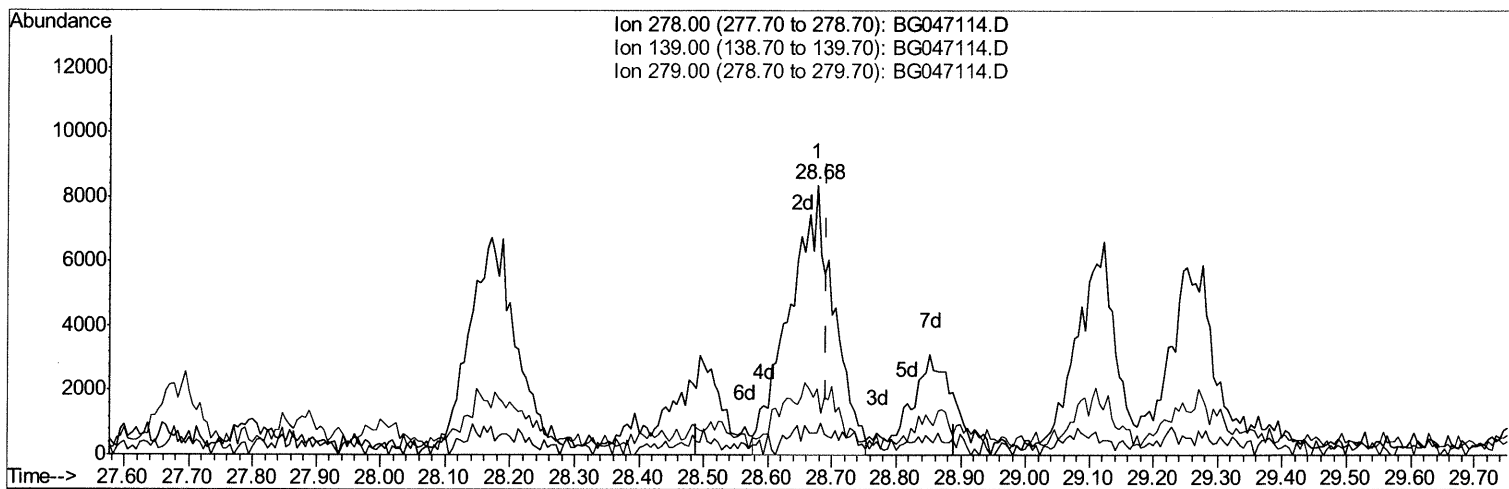
response 1536

Ion	Exp%	Act%
278.00	100	100
139.00	7.90	8.19
279.00	23.30	24.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
Data File : BG047114.D
Acq On : 29 Oct 2020 11:01
Operator : CG/JU
Sample : L4499-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 29 11:37:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 10:00:01 2020
Response via : Initial Calibration



TIC: BG047114.D

(93) Dibenzo(a,h)anthracene

28.676min (-0.014) 1.65ng/ul m 10/30/2020 JU

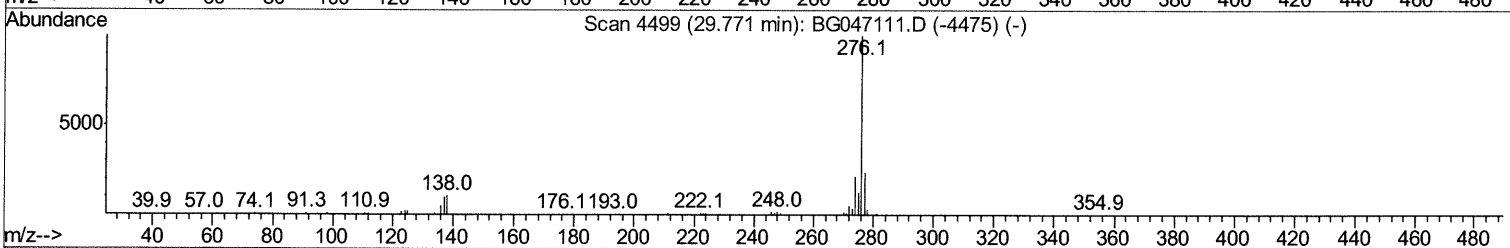
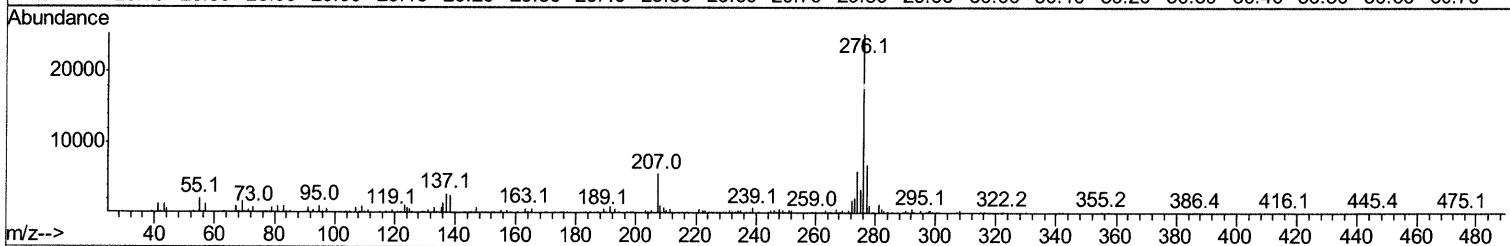
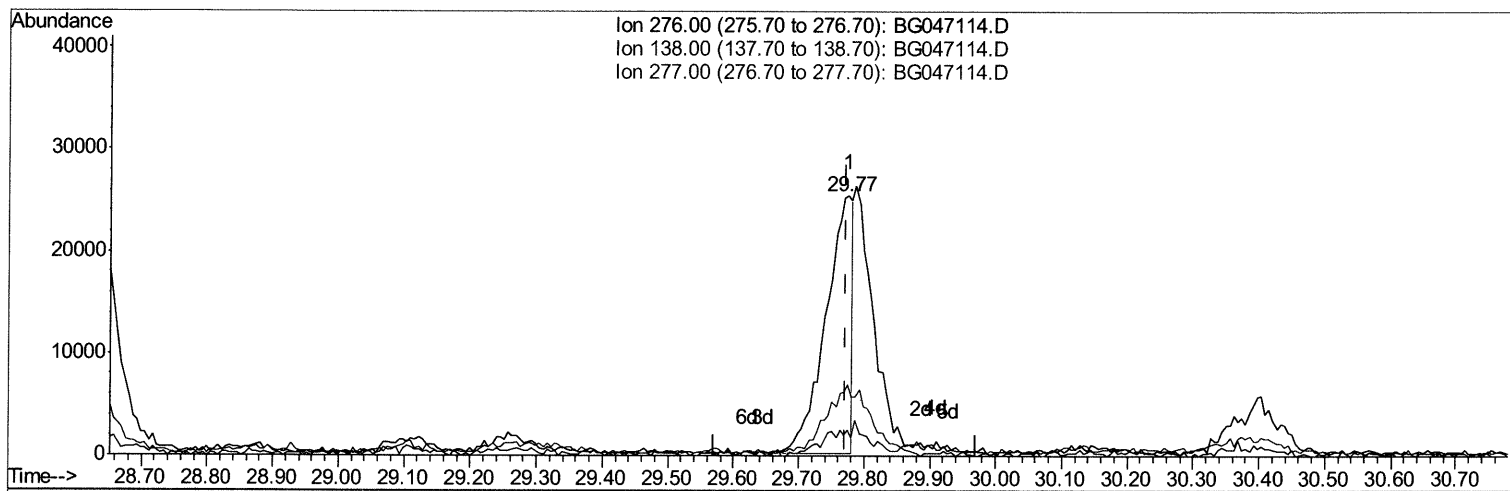
response 40216

Ion	Exp%	Act%
278.00	100	100
139.00	7.90	8.19
279.00	23.30	24.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
Data File : BG047114.D
Acq On : 29 Oct 2020 11:01
Operator : CG/JU
Sample : L4499-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 29 11:37:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 10:00:01 2020
Response via : Initial Calibration



TIC: BG047114.D

(94) Benzo(g,h,i)perylene

29.775min (+0.003) 2.89ng/ul

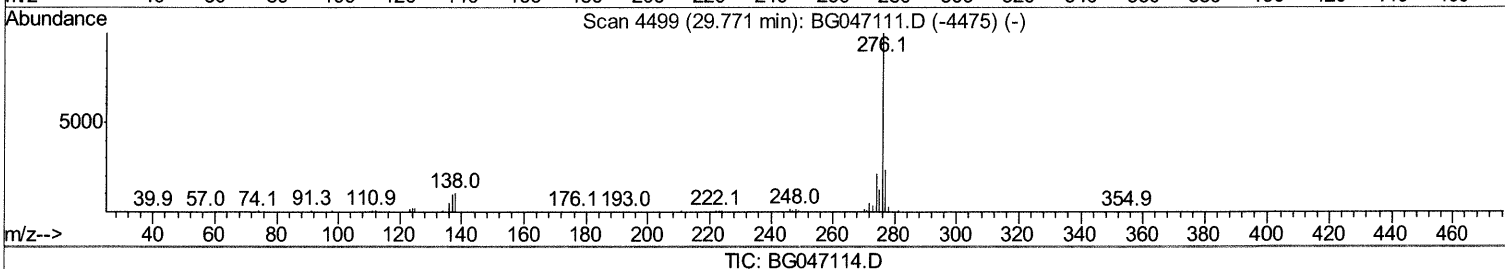
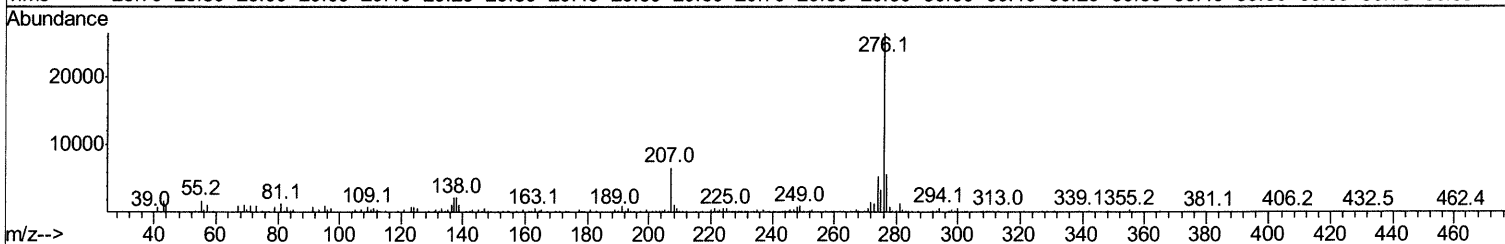
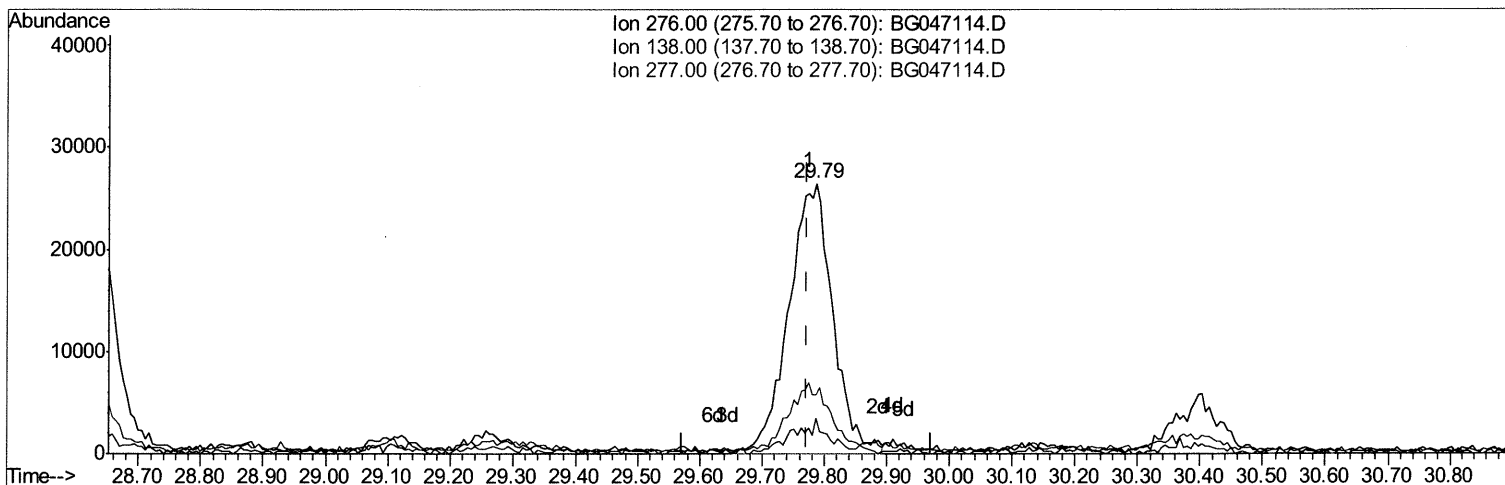
response 72362

Ion	Exp%	Act%
276.00	100	100
138.00	11.00	10.16
277.00	22.10	27.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
Data File : BG047114.D
Acq On : 29 Oct 2020 11:01
Operator : CG/JU
Sample : L4499-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 29 11:37:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 10:00:01 2020
Response via : Initial Calibration



(94) Benzo(g,h,i)perylene

29.786min (+0.015) 5.16ng/ul m 10/30/20 JU

response 129446

Ion	Exp%	Act%
276.00	100	100
138.00	11.00	8.65#
277.00	22.10	21.85
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
 Data File : BG047114.D
 Acq On : 29 Oct 2020 11:01
 Operator : CG/JU
 Sample : L4499-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 29 11:41:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 10:00:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54601	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	219638	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	159270	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	386139	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	394710	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	403528	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	3527	2.61	ng/uL	0.00
5) Phenol-d5	7.21	99	77765	16.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	46492	17.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	61419	16.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	64314	17.01	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	31467	17.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	36636	17.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	68337	16.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	36805	10.29	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	220365	16.83	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	259365	16.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	32268	15.65	ng/ul	0.00
58) Fluorene-d10	15.68	176	204808	16.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	37804	14.20	ng/ul	0.00
71) Anthracene-d10	17.53	188	335324	17.92	ng/ul	0.00
79) Pyrene-d10	19.82	212	393688	17.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	368012	16.59	ng/ul	0.00

Target Compounds

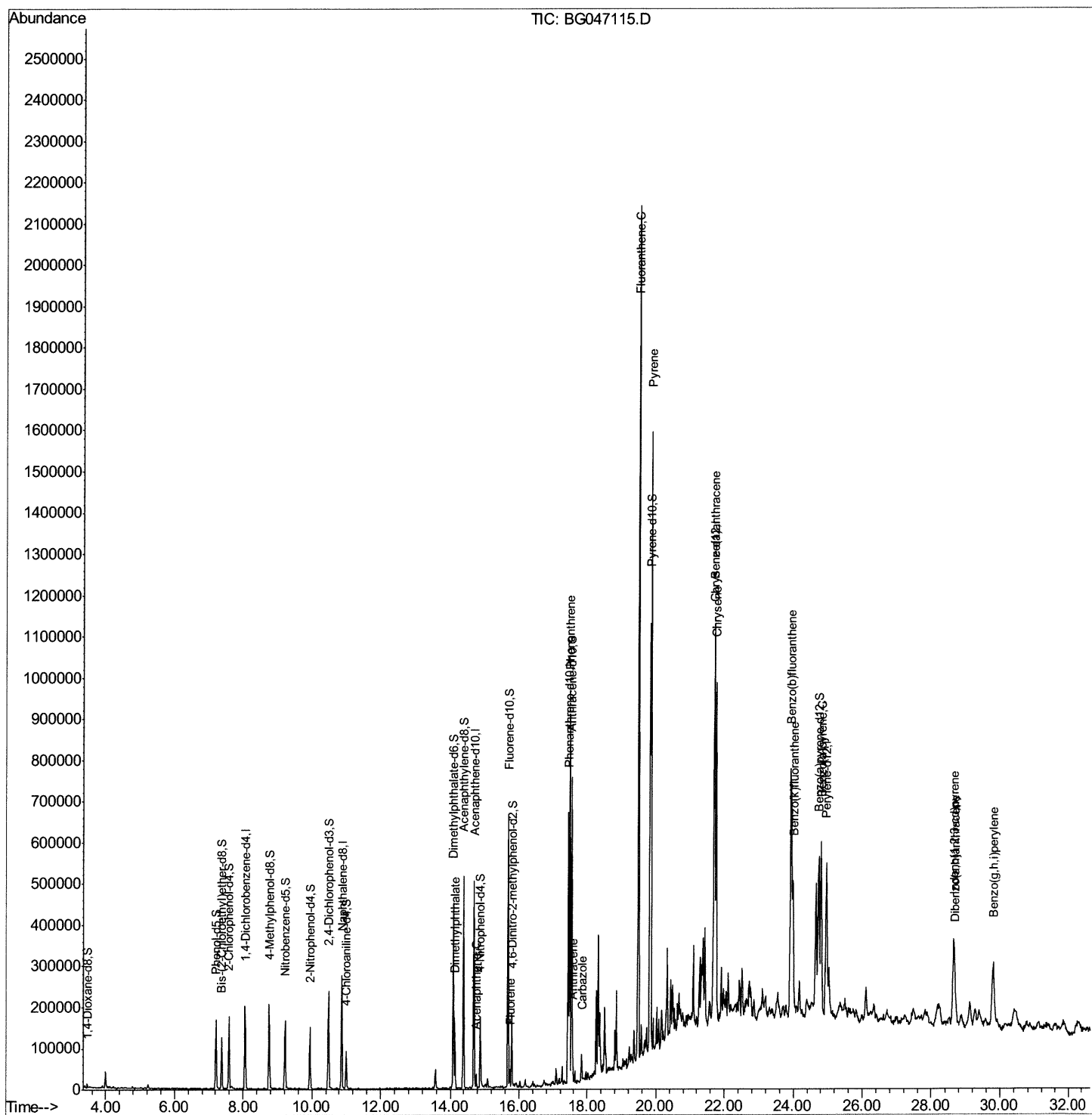
					Ovalue
45) Dimethylphthalate	14.13	163	68501	5.212	ng/ul 99
70) Phenanthrene	17.47	178	214520	9.905	ng/ul 98
72) Anthracene	17.57	178	27506	1.264	ng/ul 94
77) Fluoranthene	19.48	202	506248	19.421	ng/ul 100
80) Pyrene	19.85	202	376473	13.938	ng/ul 99
83) Benzo(a)anthracene	21.68	228	213645	7.990	ng/ul 97
85) Chrysene	21.75	228	233264	9.067	ng/ul 98
88) Benzo(b)fluoranthene	23.91	252	300933	11.227	ng/ul 96
89) Benzo(k)fluoranthene	23.97	252	94745	3.648	ng/ul 95
91) Benzo(a)pyrene	24.78	252	184463	7.642	ng/ul 100
92) Indeno(1,2,3-cd)pyrene	28.63	276	144303	4.810	ng/ul 94
93) Dibenzo(a,h)anthracene	28.68	278	40216m	1.653	ng/ul
94) Benzo(a,h,i)perylene	29.79	276	129446m	5.163	ng/ul

10/30/2020

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
Data File : BG047115.D
Acq On : 29 Oct 2020 11:42
Operator : CG/JU
Sample : L4499-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

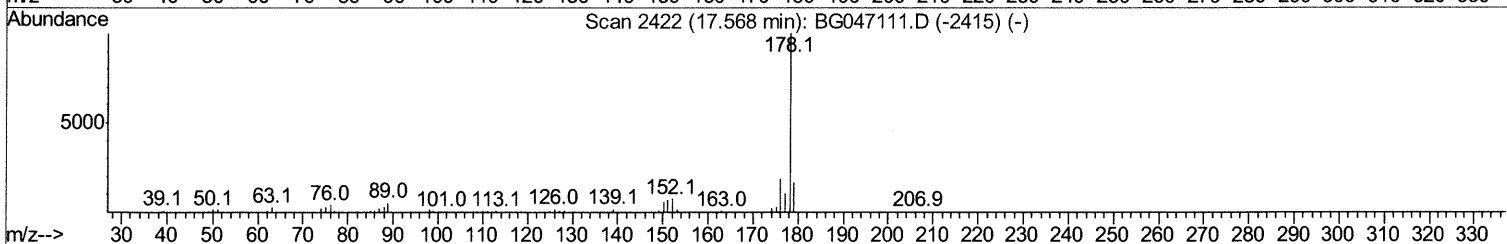
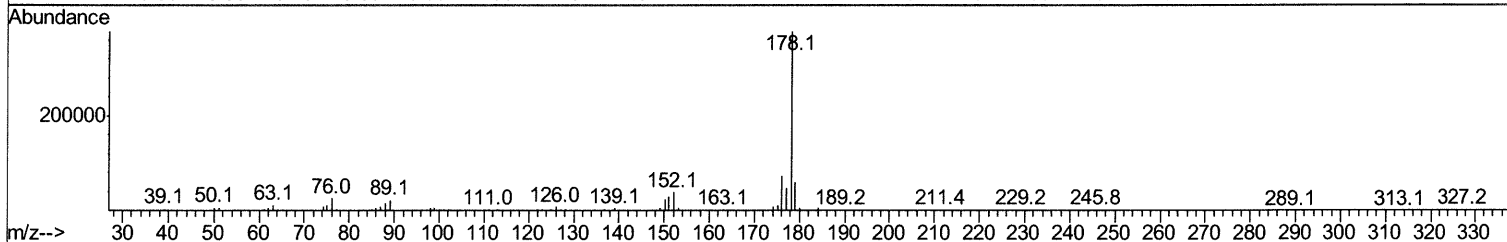
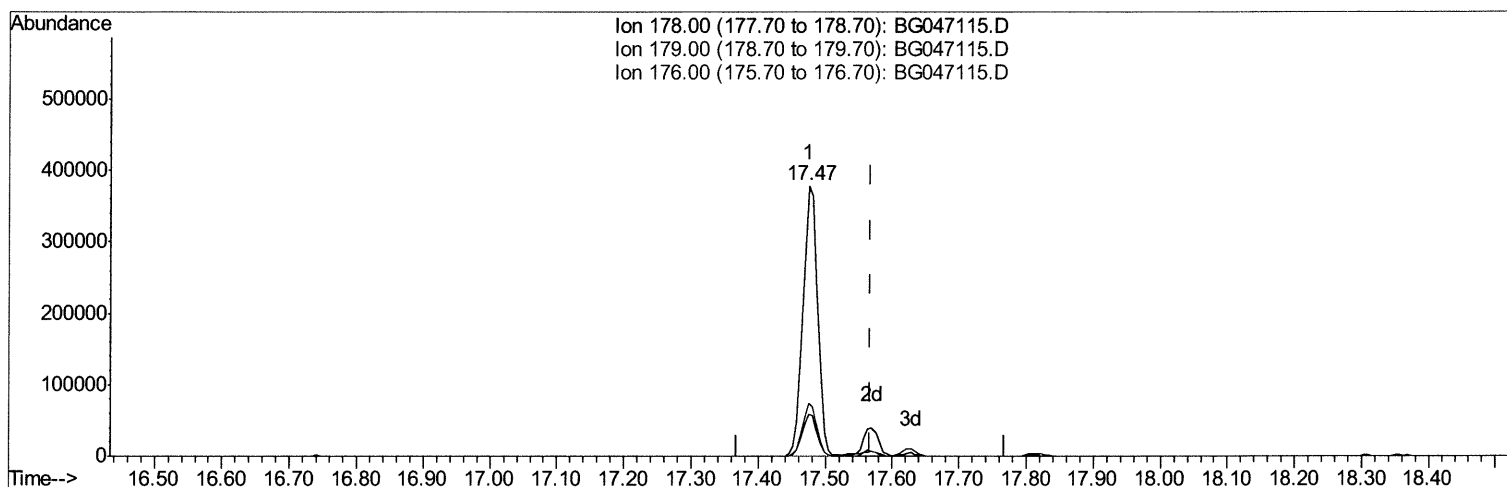
Quant Time: Oct 29 12:20:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 10:00:01 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
 Data File : BG047115.D
 Acq On : 29 Oct 2020 11:42
 Operator : CG/JU
 Sample : L4499-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 29 12:18:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 10:00:01 2020
 Response via : Initial Calibration



TIC: BG047115.D

(72) Anthracene

17.475min (-0.093) 24.85ng/ul

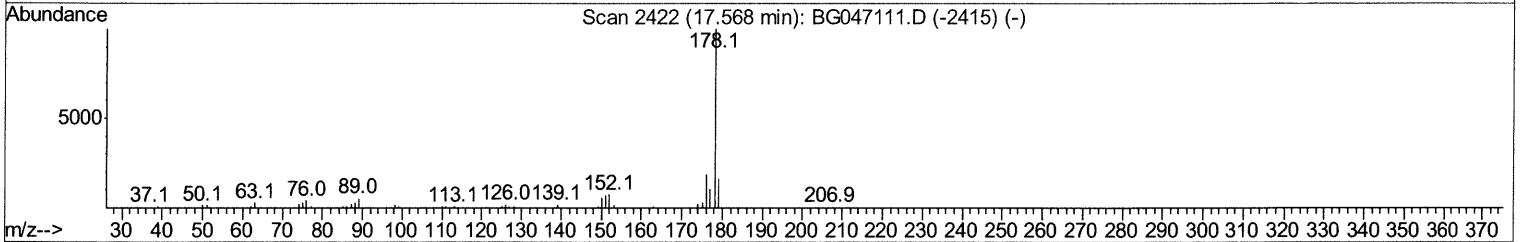
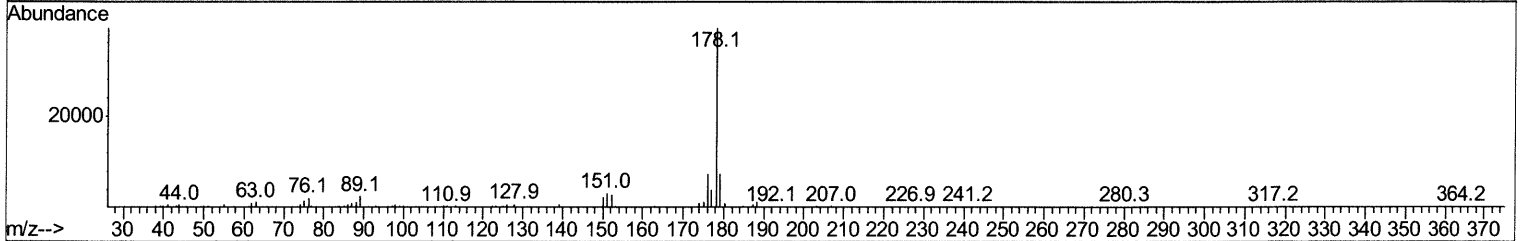
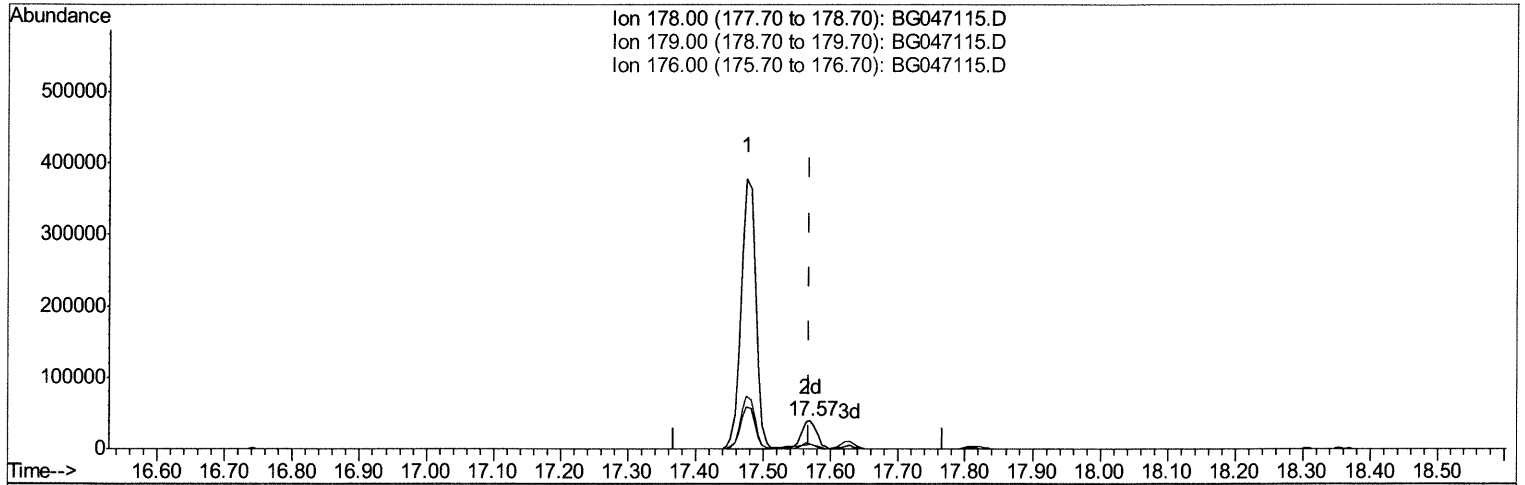
response 569452

Ion	Exp%	Act%
178.00	100	100
179.00	14.70	15.62
176.00	18.40	19.54
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
 Data File : BG047115.D
 Acq On : 29 Oct 2020 11:42
 Operator : CG/JU
 Sample : L4499-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 29 12:18:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 10:00:01 2020
 Response via : Initial Calibration



TIC: BG047115.D

(72) Anthracene

17.569min (+0.001) 2.76ng/ul m 10/30/20 JU

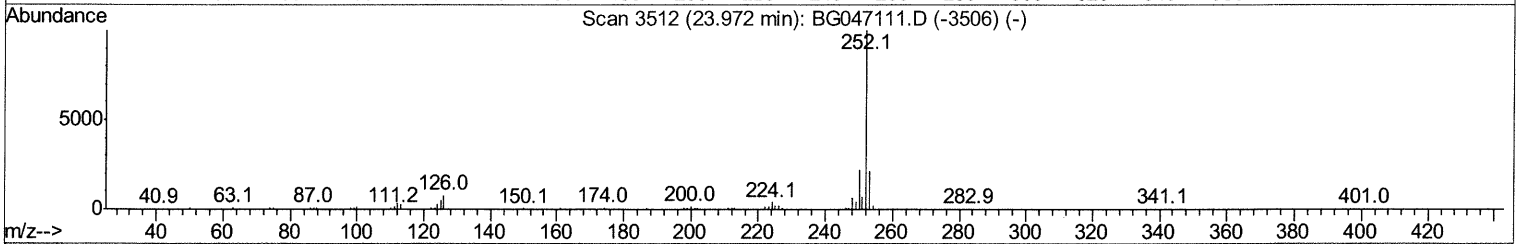
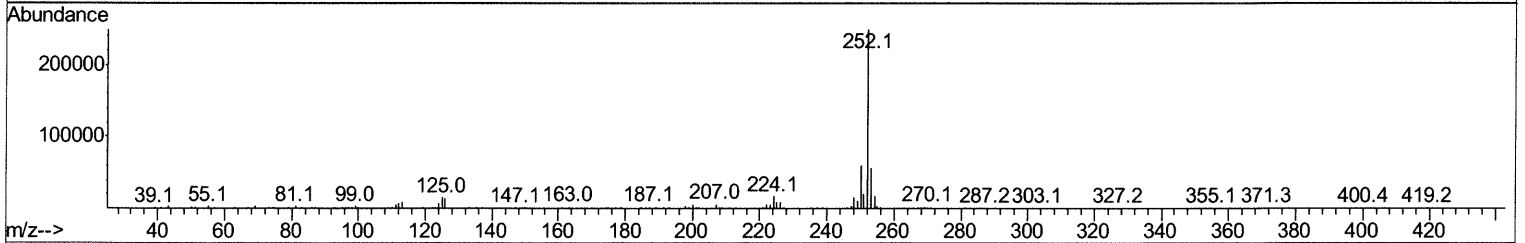
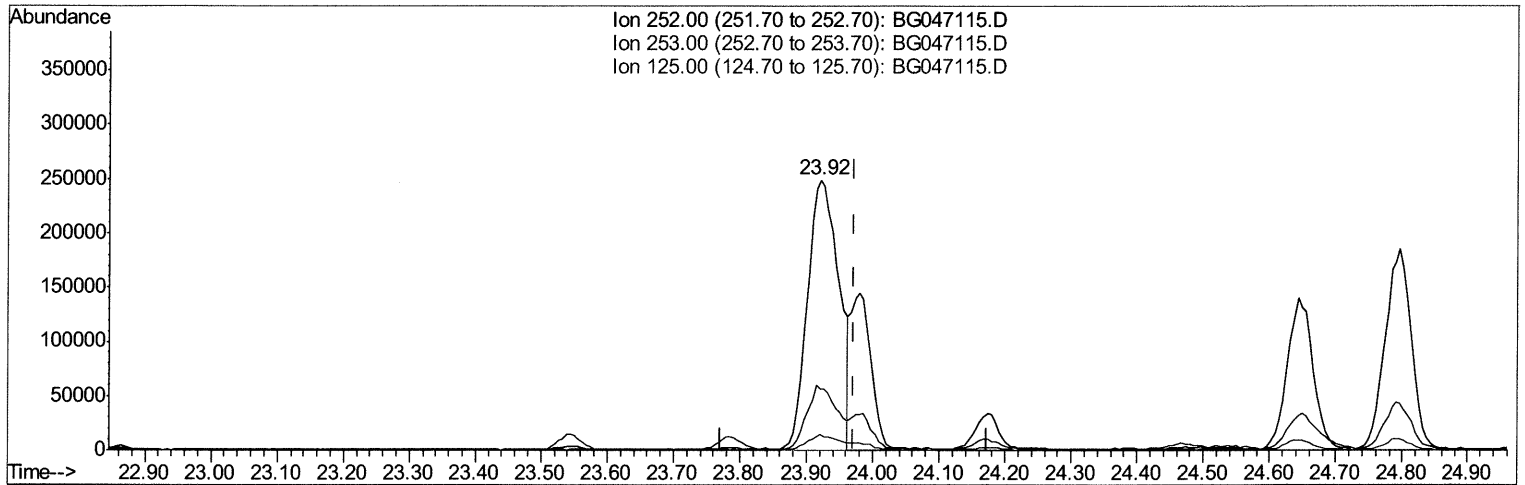
response 63166

Ion	Exp%	Act%
178.00	100	100
179.00	14.70	18.82#
176.00	18.40	18.66
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
 Data File : BG047115.D
 Acq On : 29 Oct 2020 11:42
 Operator : CG/JU
 Sample : L4499-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 29 12:18:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 10:00:01 2020
 Response via : Initial Calibration



TIC: BG047115.D

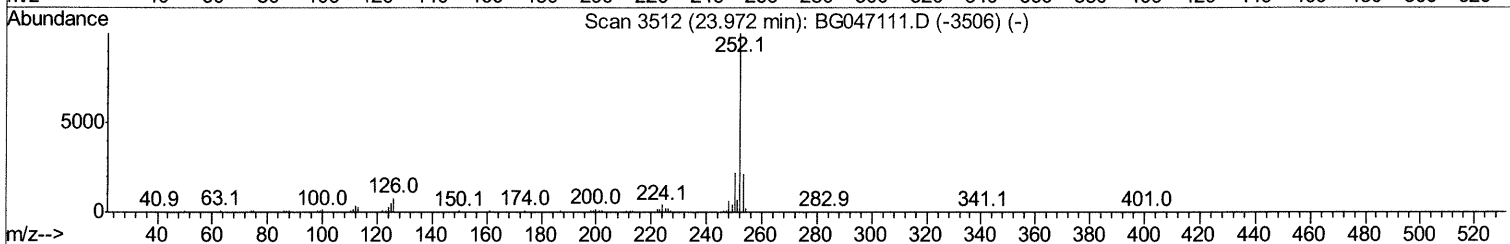
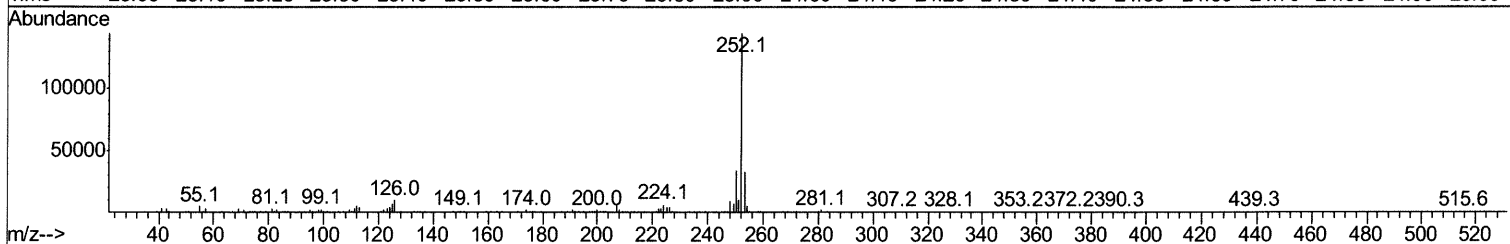
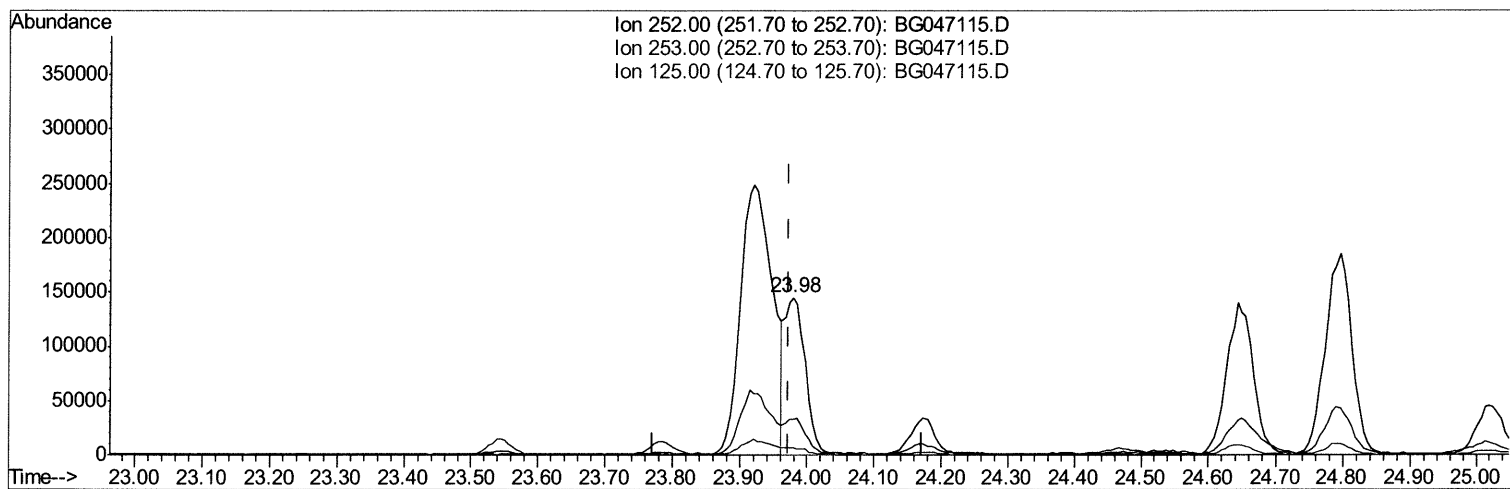
(89) Benzo(k)fluoranthene
 23.920min (-0.052) 32.34ng/ul
 response 821666

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	22.77
125.00	5.20	5.95
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
Data File : BG047115.D
Acq On : 29 Oct 2020 11:42
Operator : CG/JU
Sample : L4499-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 29 12:18:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 10:00:01 2020
Response via : Initial Calibration



TIC: BG047115.D

(89) Benzo(k)fluoranthene

23.979min (+0.007) 11.95ng/ul m 10/30/20 JU

response 303607

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	22.41
125.00	5.20	4.69
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
 Data File : BG047115.D
 Acq On : 29 Oct 2020 11:42
 Operator : CG/JU
 Sample : L4499-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 29 12:20:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 10:00:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54704	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	230666	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	174838	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	406642	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	379567	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	394736	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	4328	3.19	ng/uL	0.00
5) Phenol-d5	7.21	99	95851	20.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	54756	20.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	73624	19.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	75983	20.06	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	36824	19.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	44643	19.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	89127	20.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	55037	14.65	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	302397	21.04	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	363790	21.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	40794	18.03	ng/ul	0.00
58) Fluorene-d10	15.68	176	284115	21.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	43948	15.67	ng/ul	0.00
71) Anthracene-d10	17.53	188	428192	21.73	ng/ul	0.00
79) Pyrene-d10	19.82	212	470942	21.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	454461	20.94	ng/ul	0.01

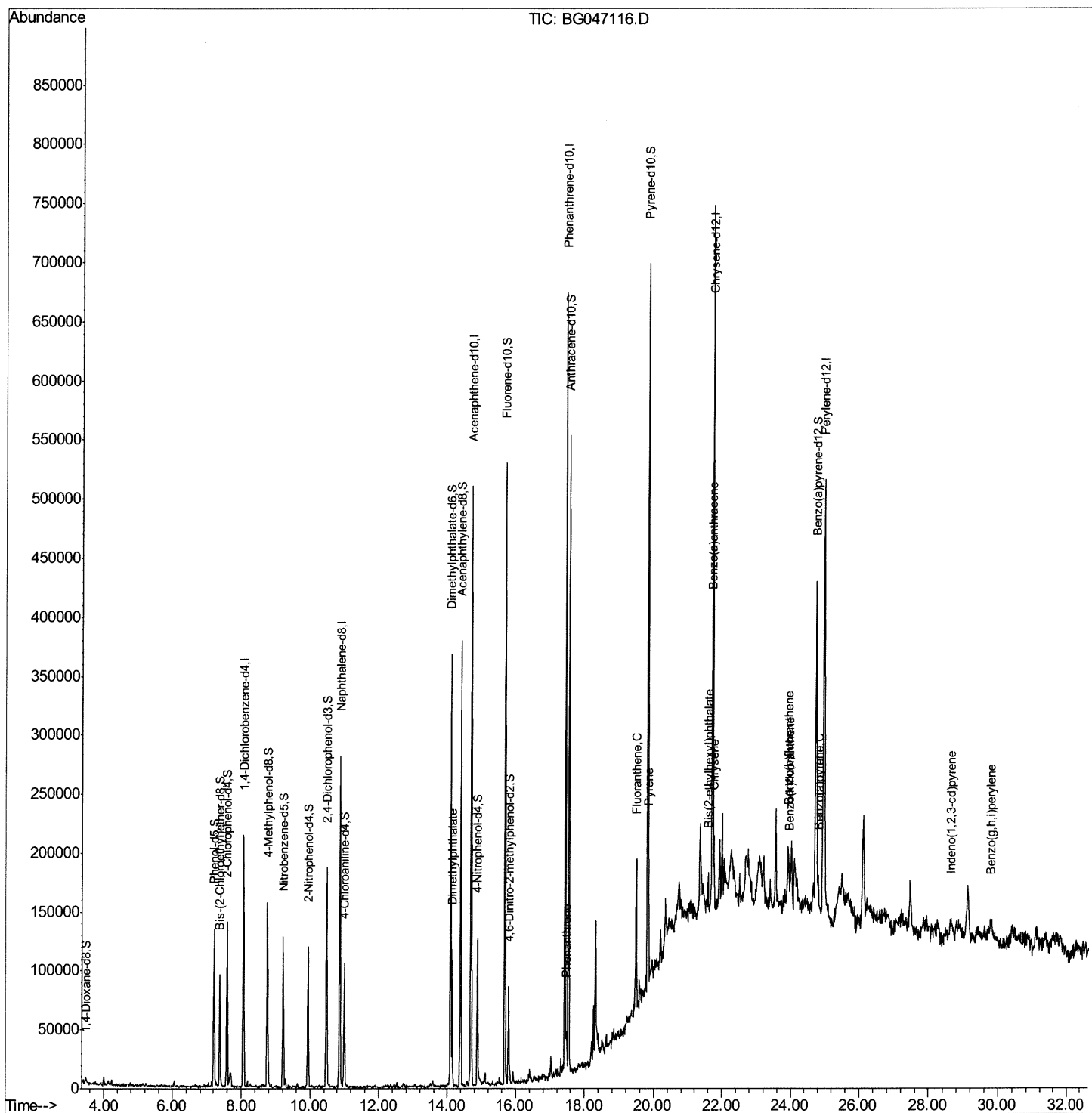
Target Compounds

					Ovalue	
45) Dimethylphthalate	14.13	163	103778	7.193	ng/ul	98
50) Acenaphthene	14.75	153	12799	1.112	ng/ul	94
59) Fluorene	15.73	166	18717	1.361	ng/ul	93
70) Phenanthrene	17.47	178	569452	24.968	ng/ul	99
72) Anthracene	17.57	178	63166m >	2.756	ng/ul >	10/30/20 JU
75) Carbazole	17.83	167	40045	2.274	ng/ul	97
77) Fluoranthene	19.48	202	1314819	47.897	ng/ul	99
80) Pvrene	19.85	202	981071	37.770	ng/ul	99
83) Benzo(a)anthracene	21.69	228	524030	20.379	ng/ul	97
85) Chrysene	21.75	228	628445	25.403	ng/ul	97
88) Benzo(b)fluoranthene	23.92	252	821666	31.336	ng/ul	99
89) Benzo(k)fluoranthene	23.98	252	303607m >	11.949	ng/ul >	10/30/20 JU
91) Benzo(a)pyrene	24.80	252	503193	21.311	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.64	276	389687	13.280	ng/ul#	92
93) Dibenzo(a,h)anthracene	28.68	278	100684	4.230	ng/ul	94
94) Benzo(a,h,i)perylene	29.81	276	332578	13.561	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
Data File : BG047116.D
Acq On : 29 Oct 2020 12:22
Operator : CG/JU
Sample : L4499-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

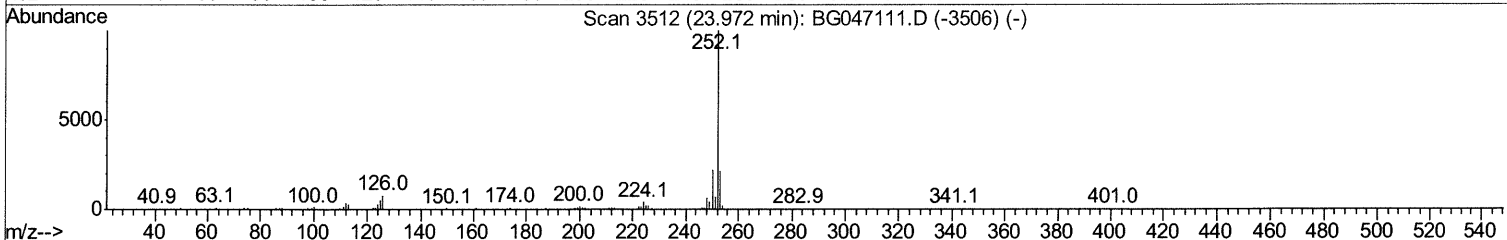
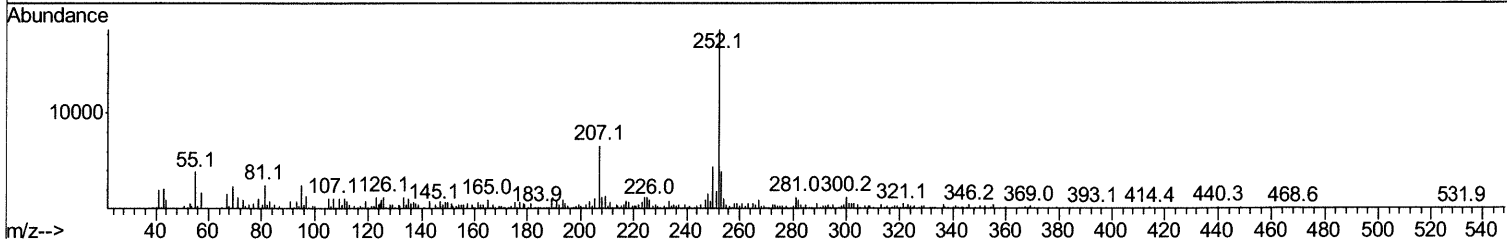
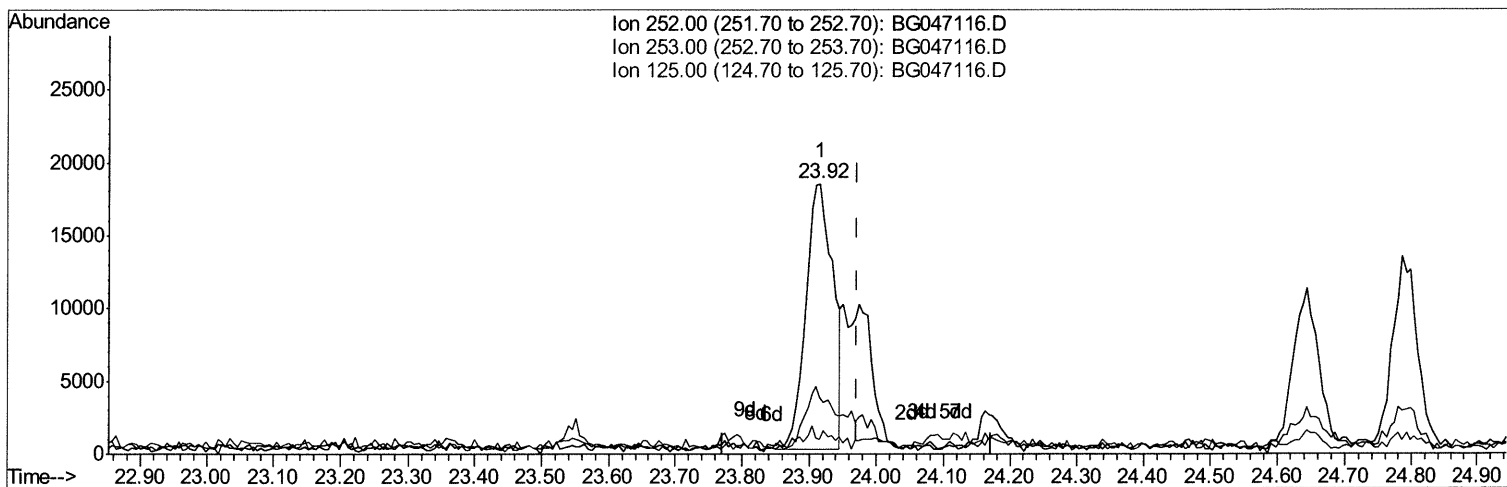
Quant Time: Oct 29 13:05:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 10:00:01 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
 Data File : BG047116.D
 Acq On : 29 Oct 2020 12:22
 Operator : CG/JU
 Sample : L4499-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 29 13:02:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 10:00:01 2020
 Response via : Initial Calibration



TIC: BG047116.D

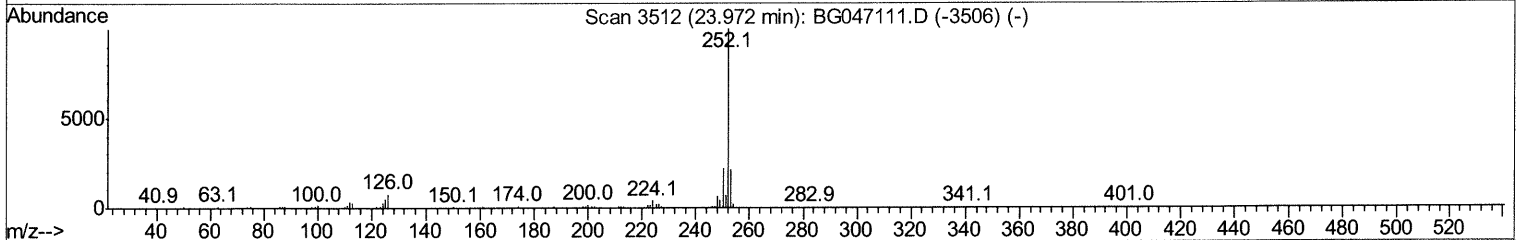
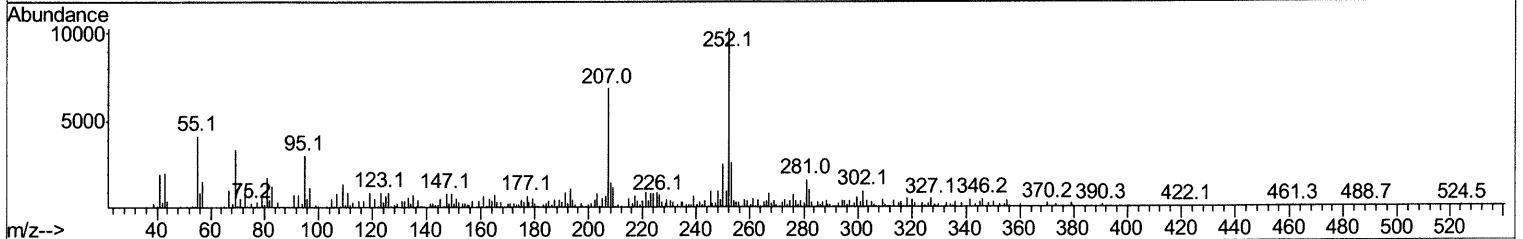
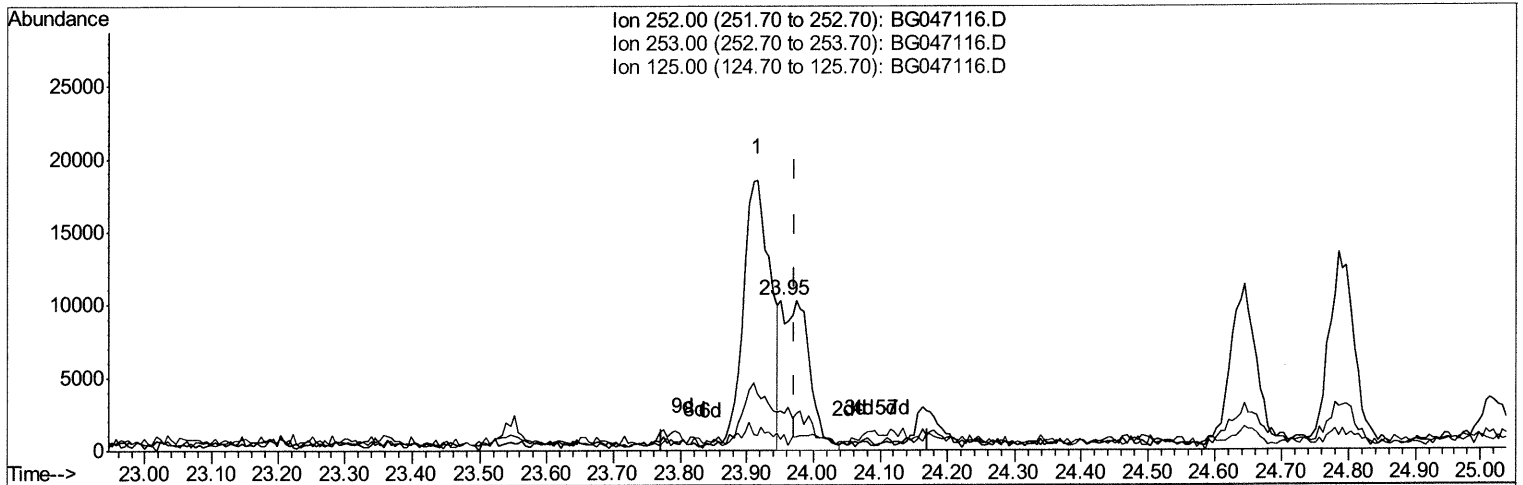
(89) Benzo(k)fluoranthene
 23.916min (-0.056) 2.07ng/ul
 response 51508

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	21.04
125.00	5.20	5.63
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
 Data File : BG047116.D
 Acq On : 29 Oct 2020 12:22
 Operator : CG/JU
 Sample : L4499-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 29 13:02:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 10:00:01 2020
 Response via : Initial Calibration



TIC: BG047116.D

(89) Benzo(k)fluoranthene

23.951min (-0.021) 1.21ng/ul m *10/30/2020*

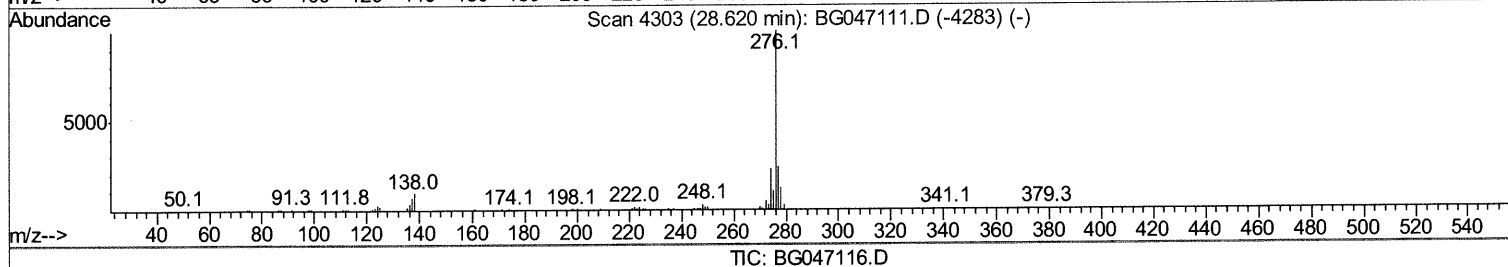
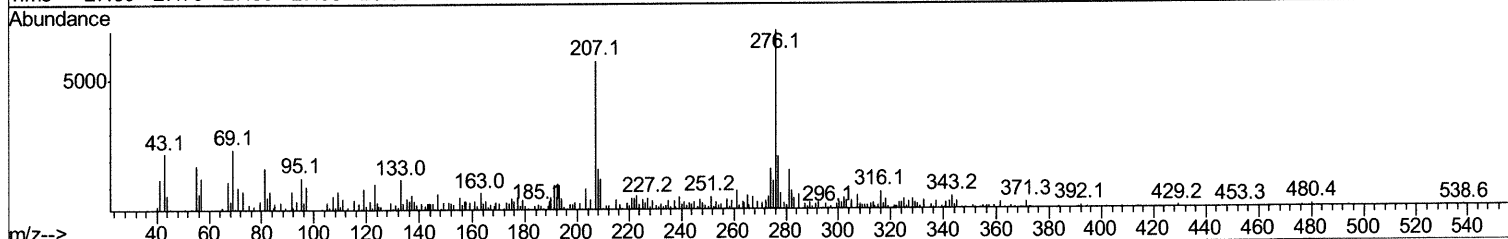
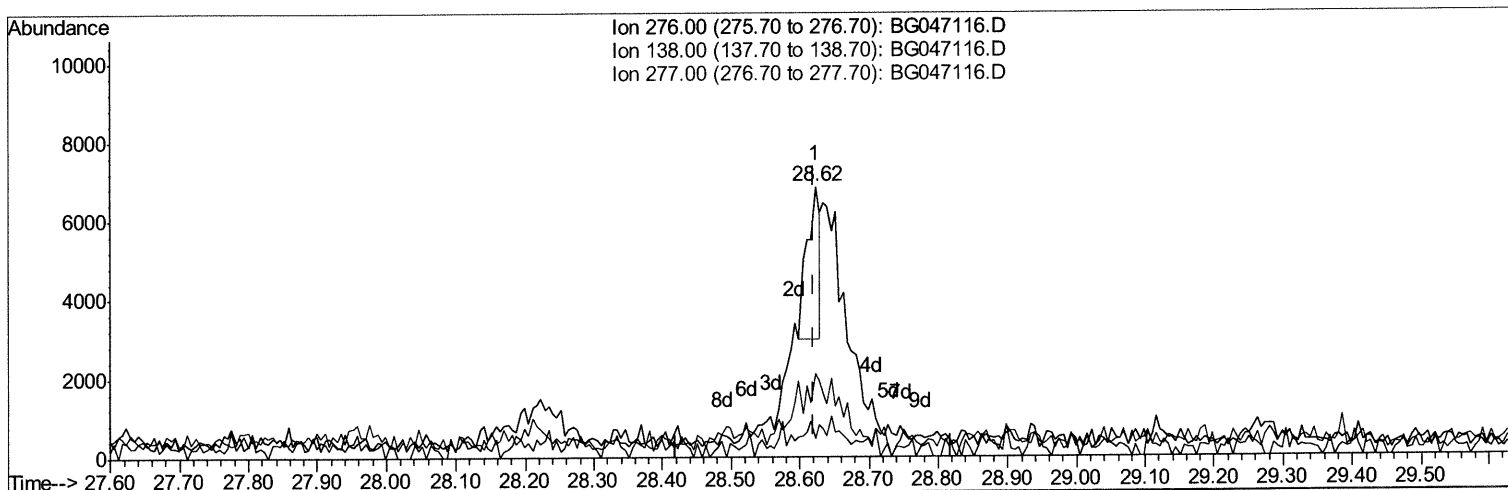
response 29988

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	25.82#
125.00	5.20	7.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
 Data File : BG047116.D
 Acq On : 29 Oct 2020 12:22
 Operator : CG/JU
 Sample : L4499-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 29 13:02:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 10:00:01 2020
 Response via : Initial Calibration



(92) Indeno(1,2,3-cd)pyrene

28.622min (+0.002) 0.17ng/ul

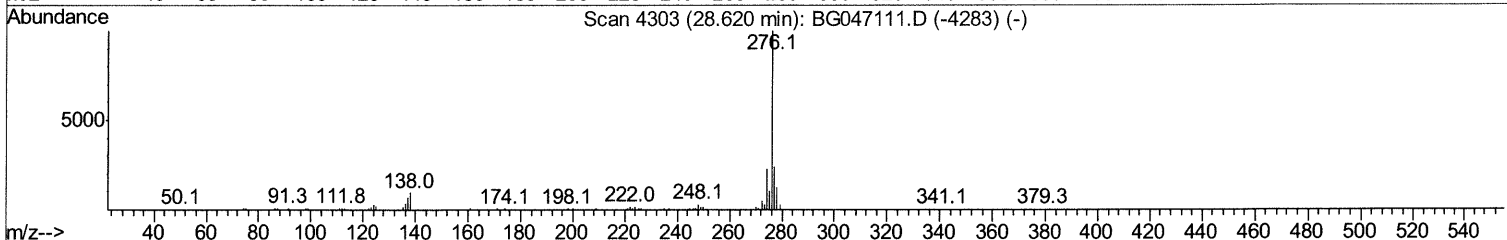
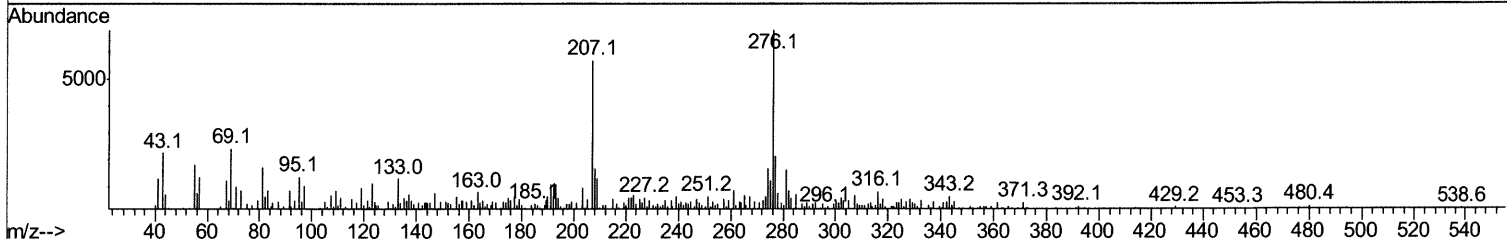
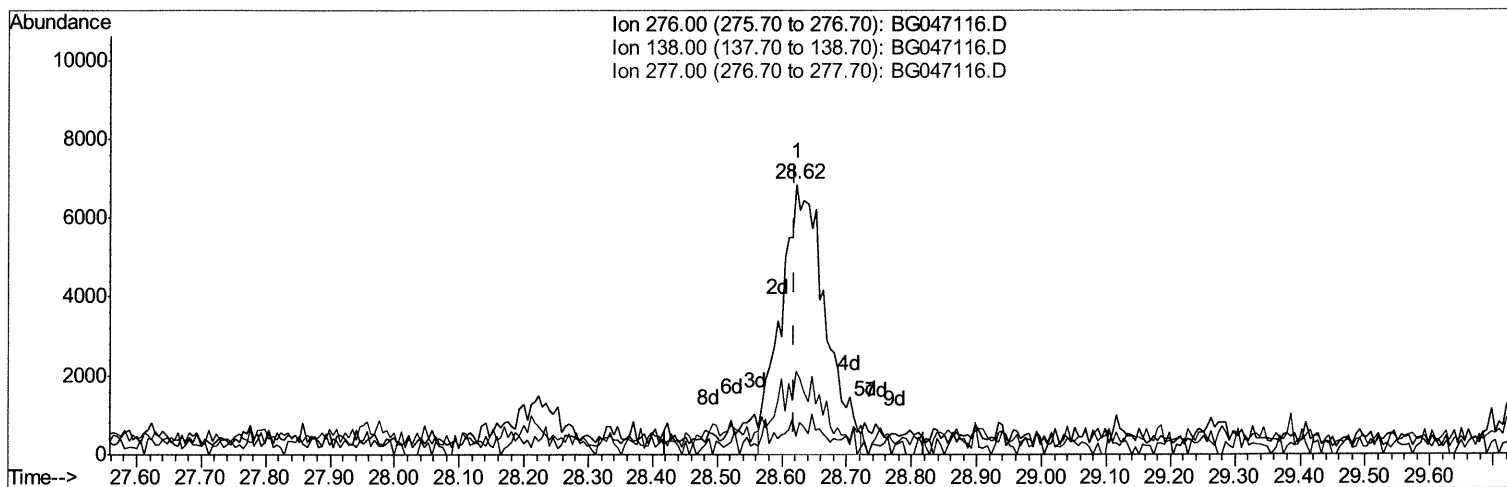
response 4983

Ion	Exp%	Act%
276.00	100	100
138.00	9.00	6.74#
277.00	23.00	30.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
 Data File : BG047116.D
 Acq On : 29 Oct 2020 12:22
 Operator : CG/JU
 Sample : L4499-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 29 13:02:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 10:00:01 2020
 Response via : Initial Calibration



TIC: BG047116.D

(92) Indeno(1,2,3-cd)pyrene

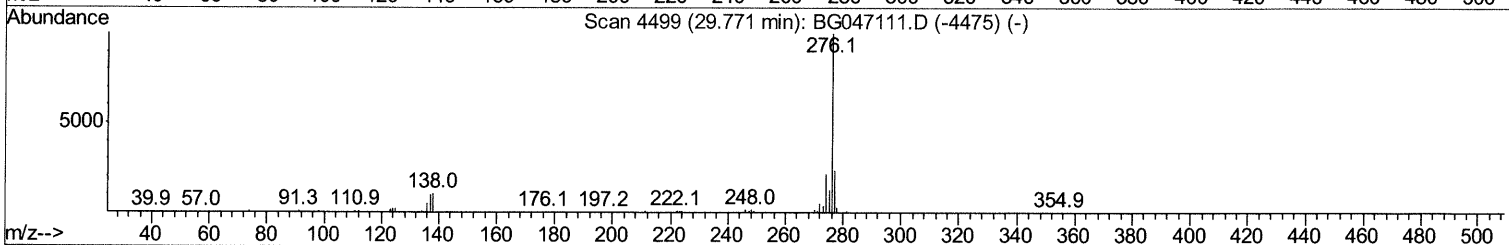
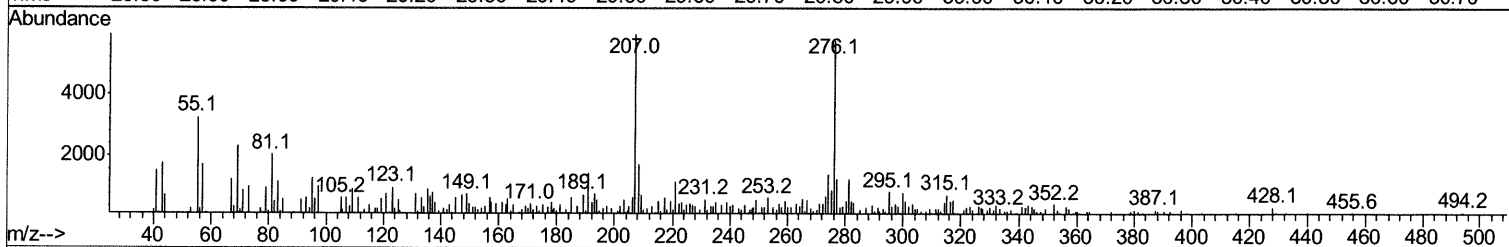
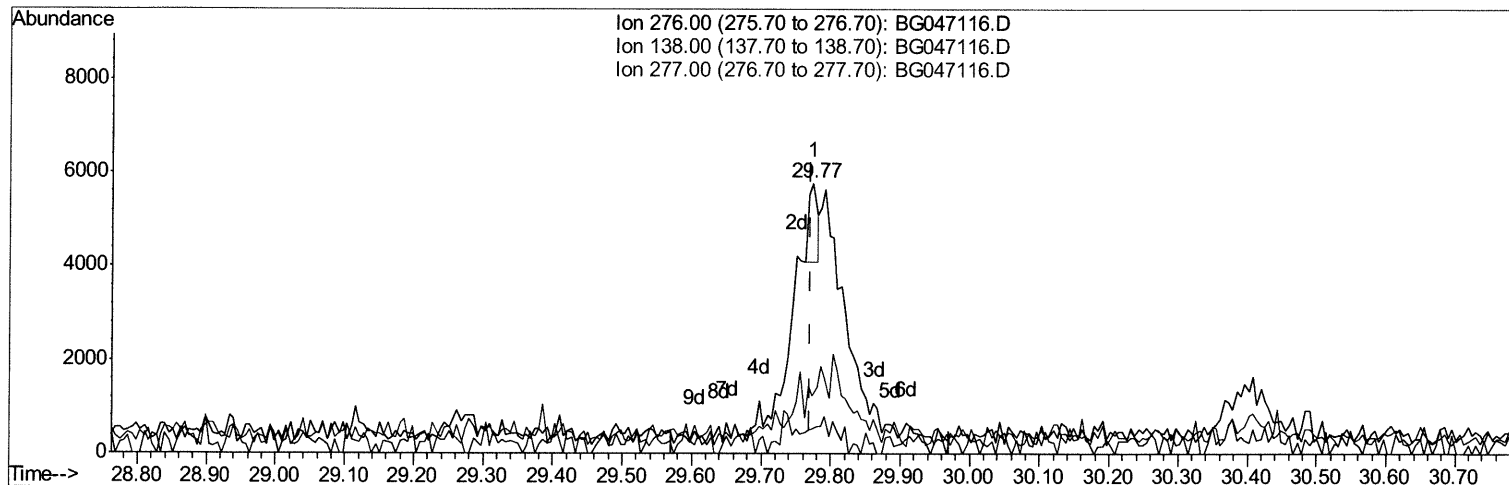
28.622min (+0.002) 1.14ng/ul m 10/30/20 JU

response 32723

Ion	Exp%	Act%
276.00	100	100
138.00	9.00	6.74#
277.00	23.00	30.99#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
Data File : BG047116.D
Acq On : 29 Oct 2020 12:22
Operator : CG/JU
Sample : L4499-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 29 13:02:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 10:00:01 2020
Response via : Initial Calibration



TIC: BG047116.D

(94) Benzo(g,h,i)perylene

29.773min (+0.002) 0.06ng/ul

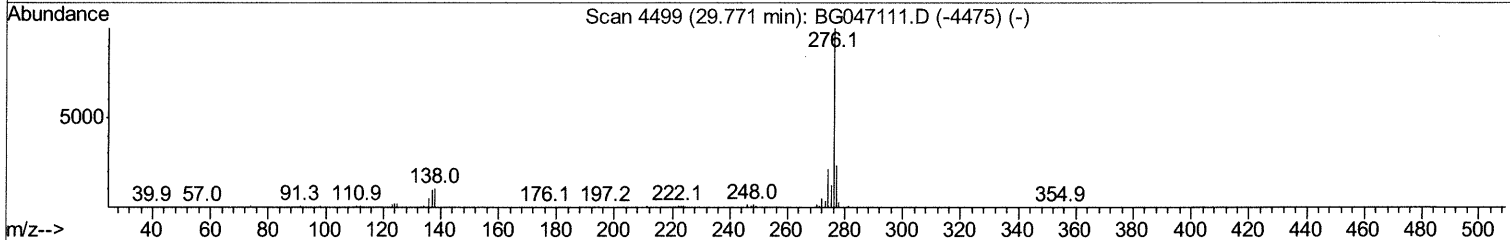
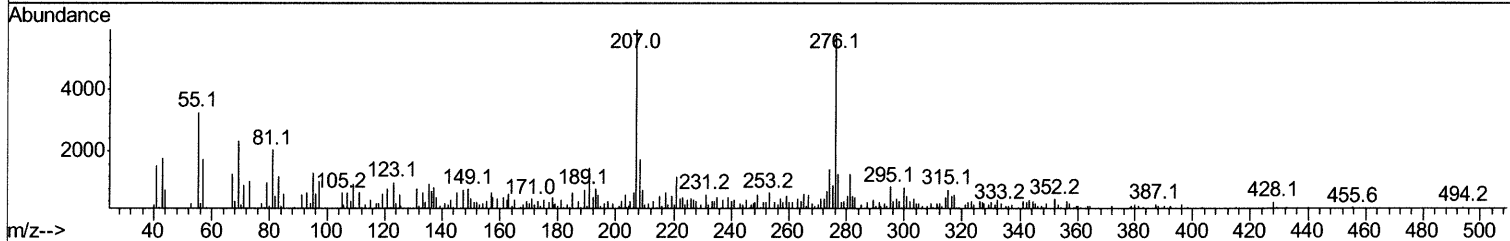
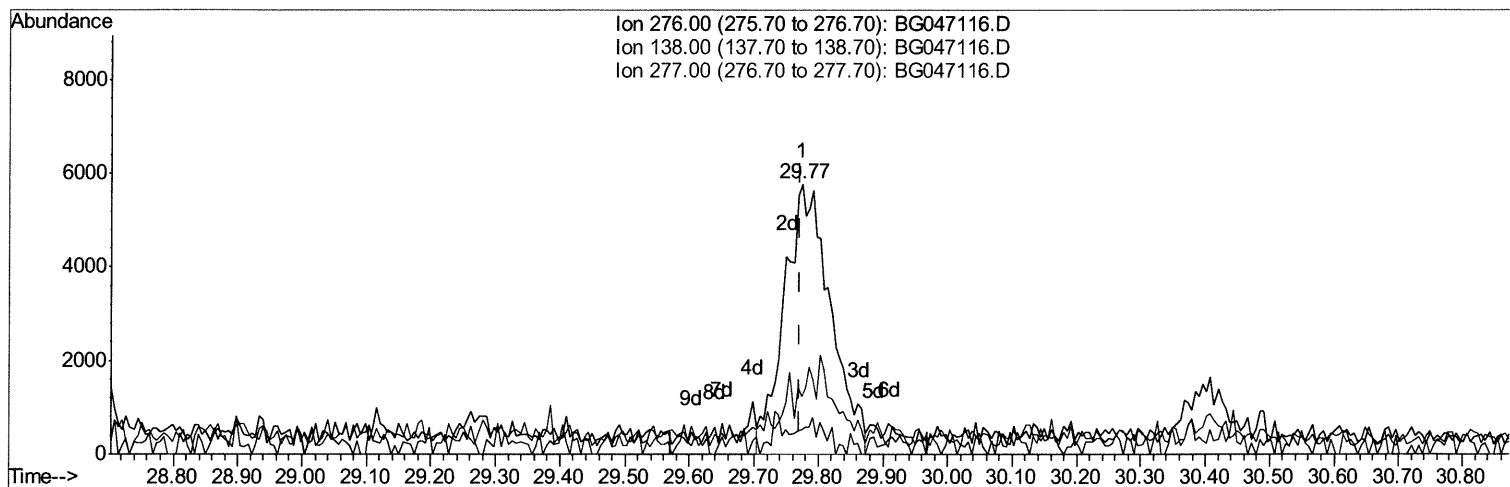
response 1465

Ion	Exp%	Act%
276.00	100	100
138.00	11.00	8.90
277.00	22.10	21.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
 Data File : BG047116.D
 Acq On : 29 Oct 2020 12:22
 Operator : CG/JU
 Sample : L4499-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 29 13:02:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 10:00:01 2020
 Response via : Initial Calibration



TIC: BG047116.D

(94) Benzo(g,h,i)perylene

29.773min (+0.002) 1.20ng/ul m 10/30/20 ju

response 28827

Ion	Exp%	Act%
276.00	100	100
138.00	11.00	8.90
277.00	22.10	21.60
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
 Data File : BG047116.D
 Acq On : 29 Oct 2020 12:22
 Operator : CG/JU
 Sample : L4499-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 29 13:05:22 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 29 10:00:01 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	57388	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	240300	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	180703	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	411883	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	365003	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	386581	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	3221	2.26	ng/uL	0.00
5) Phenol-d5	7.21	99	71830	14.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	45028	15.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	58234	15.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	58094	14.62	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	30030	14.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	35919	15.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	70027	15.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	57264	14.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	239665	16.13	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	277194	15.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	31586	13.50	ng/ul	0.00
58) Fluorene-d10	15.68	176	218110	15.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	20515	7.22	ng/ul	0.00
71) Anthracene-d10	17.53	188	323102	16.19	ng/ul	0.00
79) Pyrene-d10	19.81	212	347761	16.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	328091	15.44	ng/ul	0.00

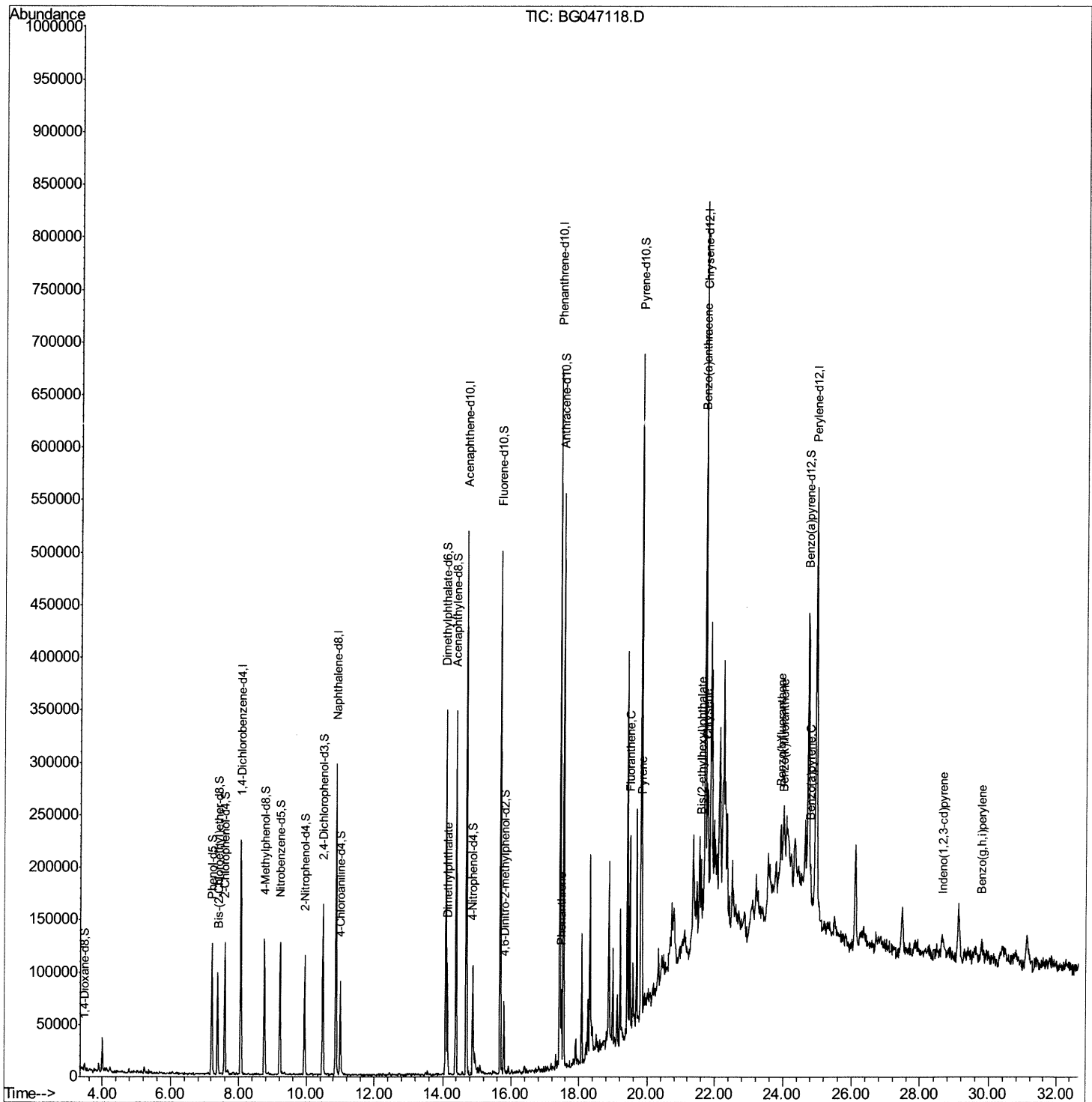
Target Compounds

					Ovalue	
45) Dimethylphthalate	14.13	163	72153	4.839	ng/ul	99
70) Phenanthrene	17.48	178	24890	1.077	ng/ul	98
77) Fluoranthene	19.49	202	75453	2.714	ng/ul	99
80) Pyrene	19.84	202	58775	2.353	ng/ul	100
83) Benzo(a)anthracene	21.68	228	32866	1.329	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.58	149	13166	1.034	ng/ul	97
85) Chrysene	21.75	228	41153	1.730	ng/ul	92
88) Benzo(b)fluoranthene	23.92	252	51508	2.006	ng/ul	97
89) Benzo(k)fluoranthene	23.95	252	29988m	1.205	ng/ul	> 10/30/2020 JU
91) Benzo(a)pyrene	24.79	252	32766	1.417	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.62	276	32723m	1.139	ng/ul	99
94) Benzo(a,h,i)perylene	29.77	276	28827m	1.200	ng/ul	99 10/30/2020 JU

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
Data File : BG047118.D
Acq On : 29 Oct 2020 13:43
Operator : CG/JU
Sample : L4499-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

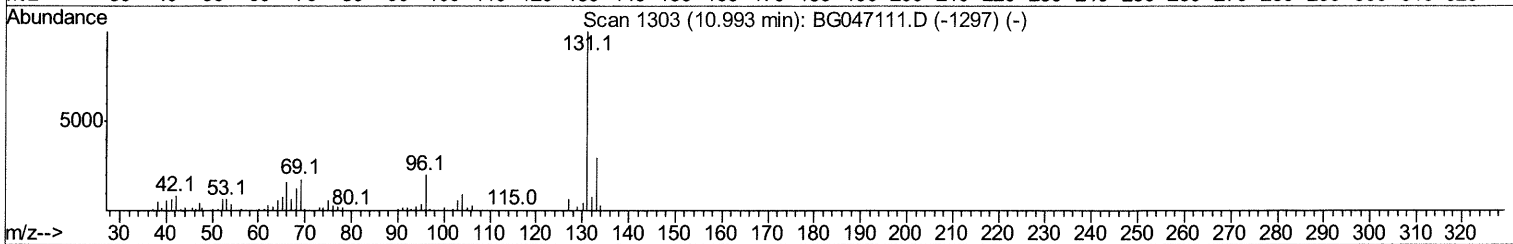
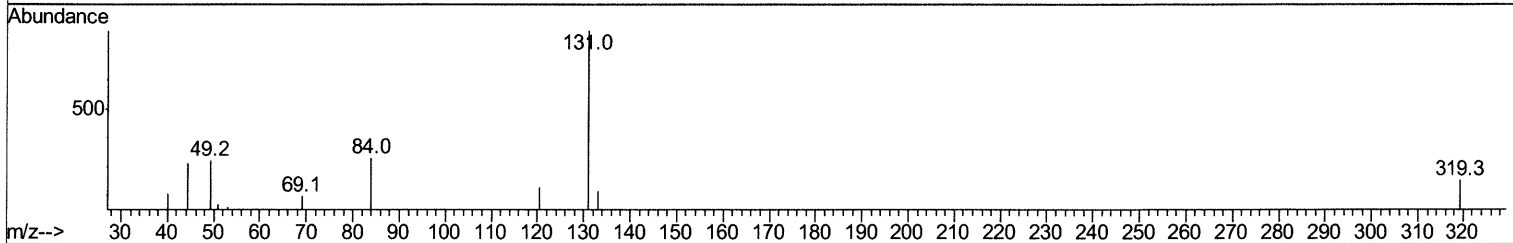
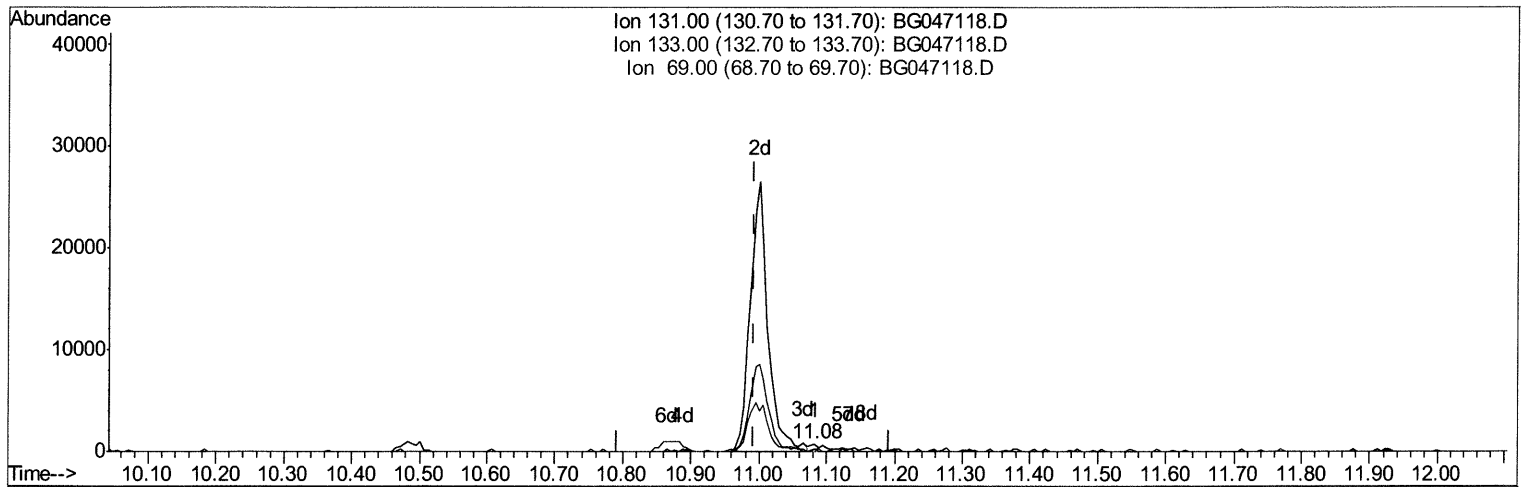
Quant Time: Oct 29 14:30:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 10:00:01 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
Data File : BG047118.D
Acq On : 29 Oct 2020 13:43
Operator : CG/JU
Sample : L4499-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 29 14:25:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 10:00:01 2020
Response via : Initial Calibration



TIC: BG047118.D

(29) 4-Chloroaniline-d4 (S)

11.083min (+0.089) 0.26ng/ul

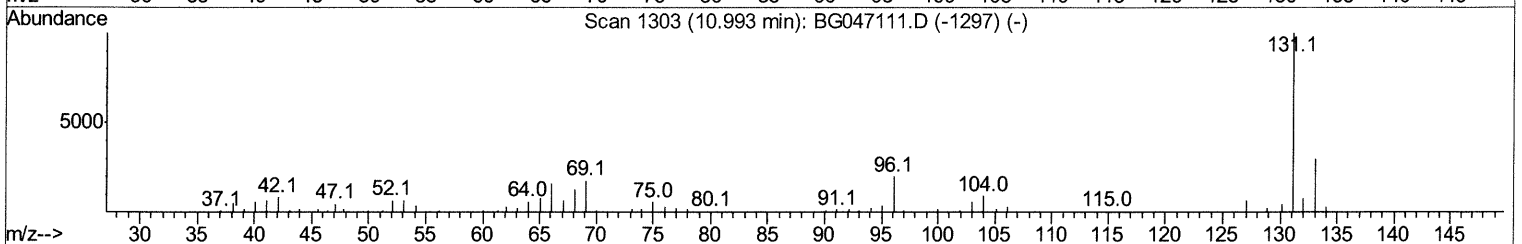
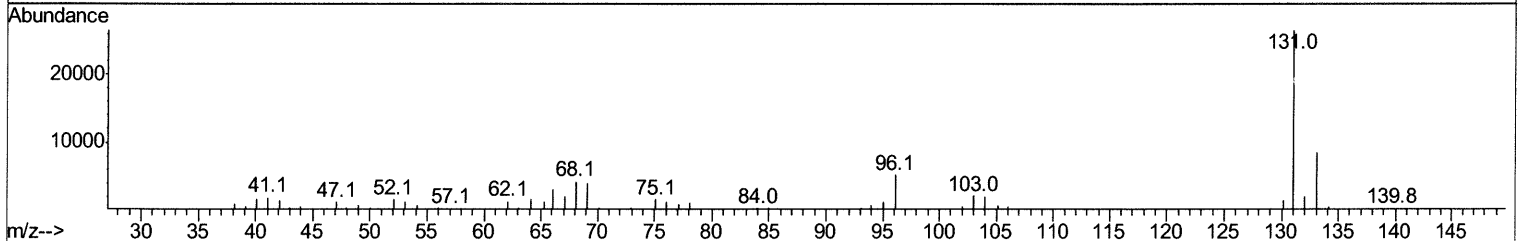
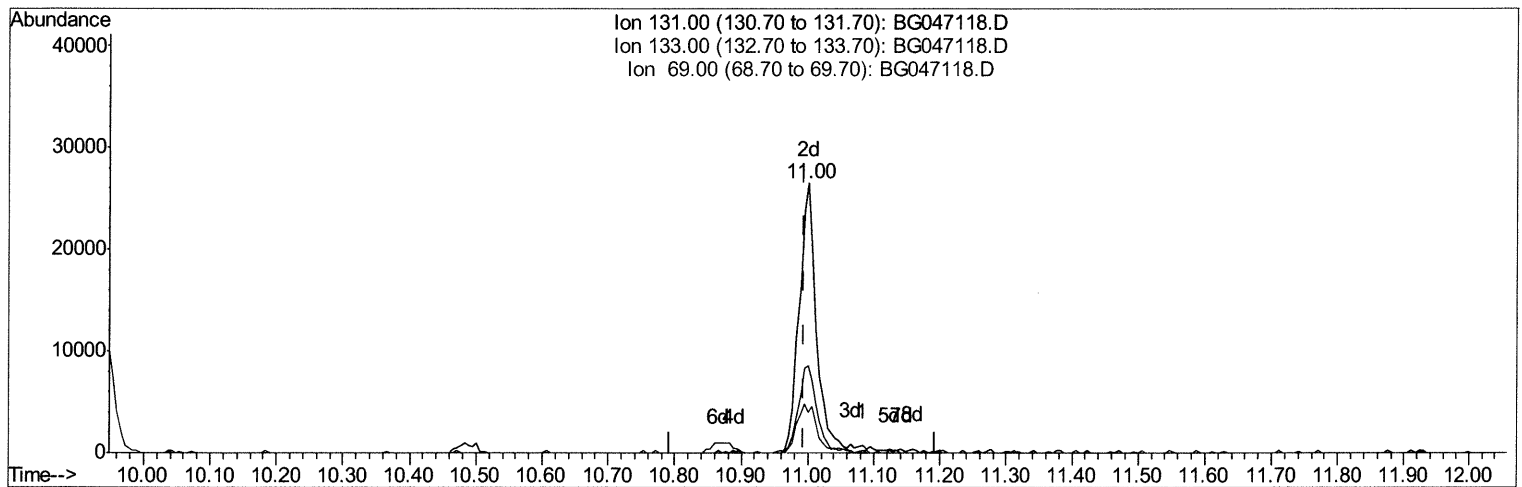
response 1003

Ion	Exp%	Act%
131.00	100	100
133.00	32.70	27.76
69.00	22.20	25.42
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
 Data File : BG047118.D
 Acq On : 29 Oct 2020 13:43
 Operator : CG/JU
 Sample : L4499-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 29 14:25:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 10:00:01 2020
 Response via : Initial Calibration



TIC: BG047118.D

(29) 4-Chloroaniline-d4 (S)

11.000min (+0.007) 12.32ng/ul m 10/30/20 54

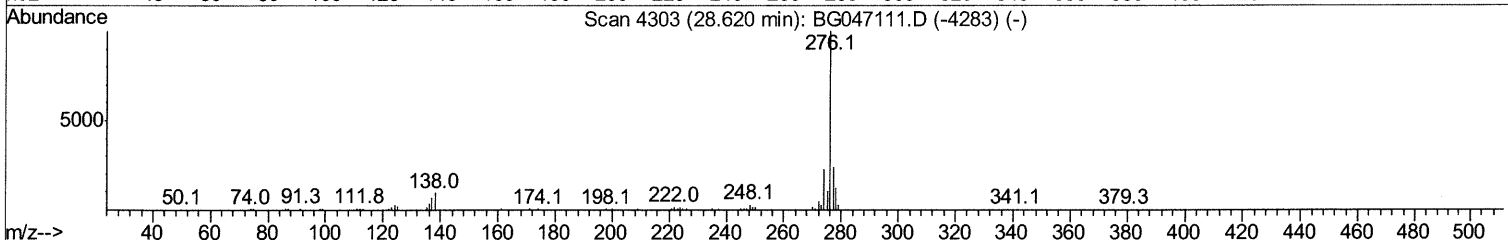
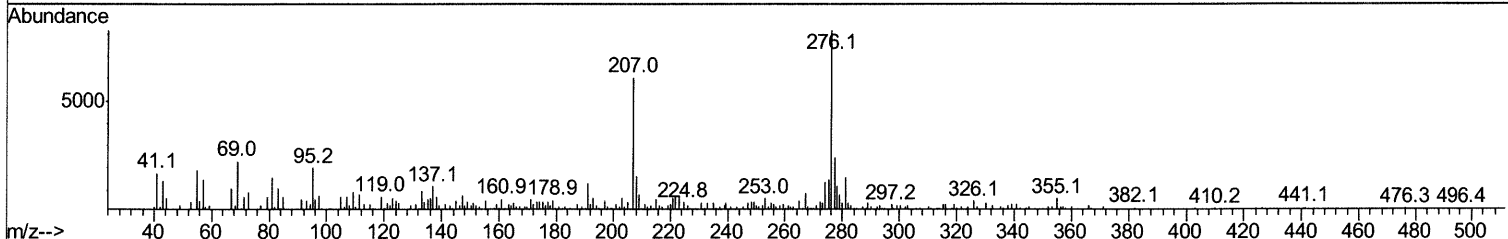
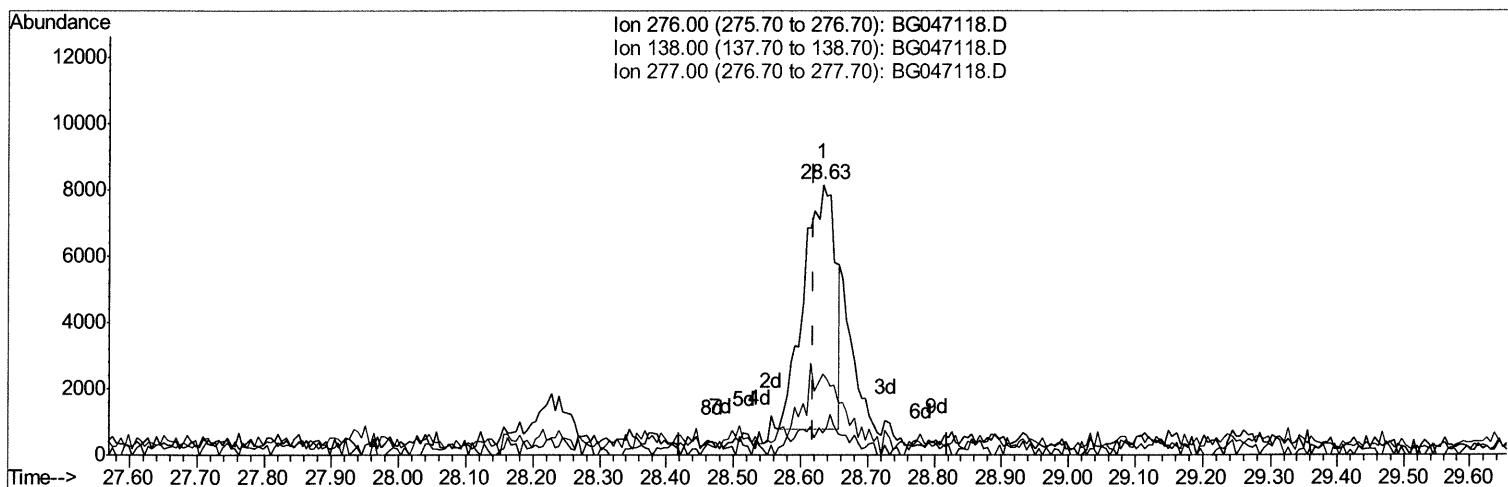
response 48267

Ion	Exp%	Act%
131.00	100	100
133.00	32.70	32.13
69.00	22.20	15.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
 Data File : BG047118.D
 Acq On : 29 Oct 2020 13:43
 Operator : CG/JU
 Sample : L4499-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 29 14:25:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 10:00:01 2020
 Response via : Initial Calibration



TIC: BG047118.D

(92) Indeno(1,2,3-cd)pyrene

28.633min (+0.013) 0.81ng/ul

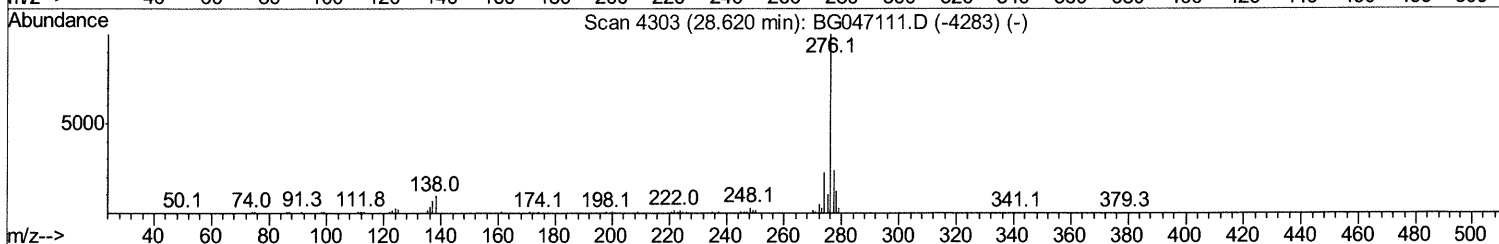
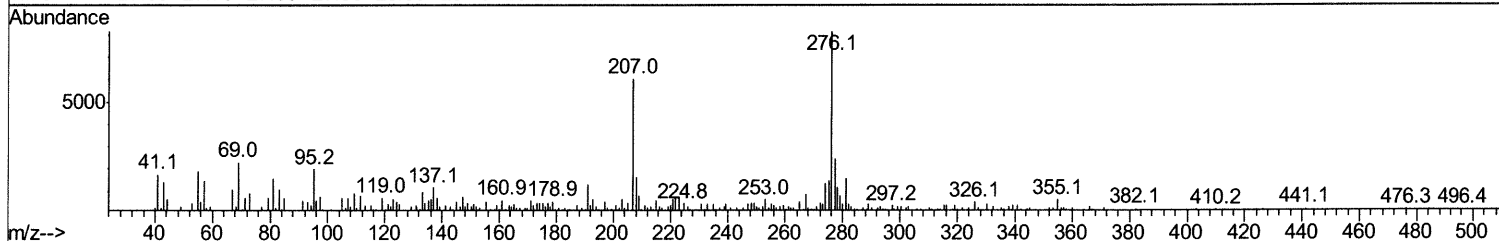
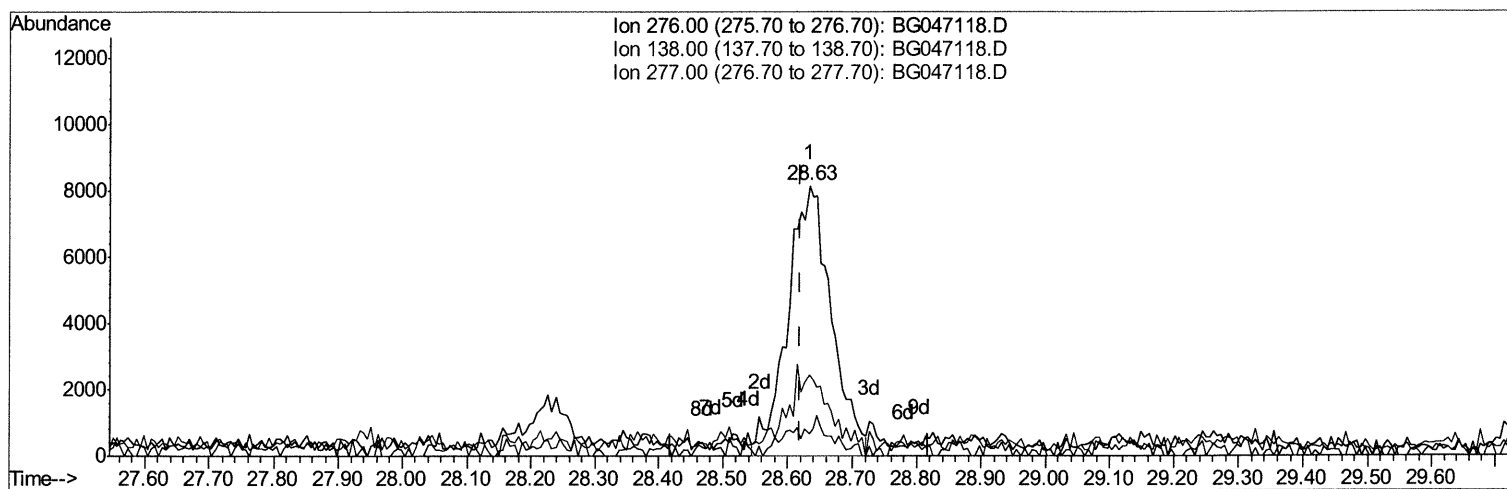
response 24436

Ion	Exp%	Act%
276.00	100	100
138.00	9.00	8.39
277.00	23.00	30.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
Data File : BG047118.D
Acq On : 29 Oct 2020 13:43
Operator : CG/JU
Sample : L4499-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 29 14:25:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 10:00:01 2020
Response via : Initial Calibration



TIC: BG047118.D

(92) Indeno(1,2,3-cd)pyrene

28.633min (+0.013) 1.26ng/ul m 10/30/20 Jd

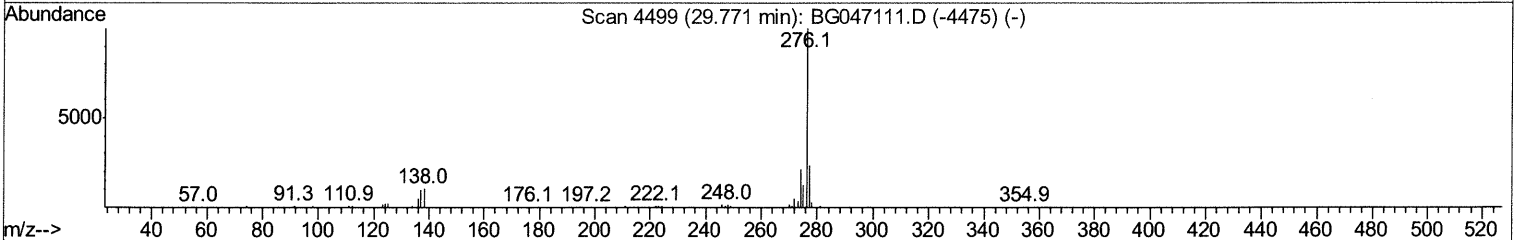
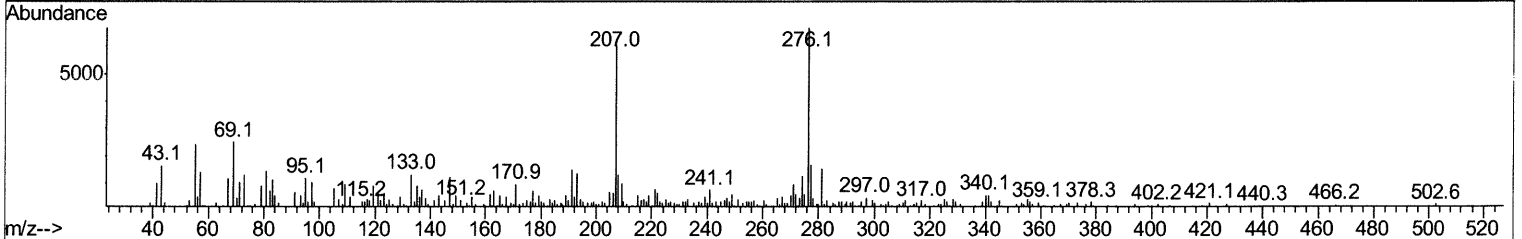
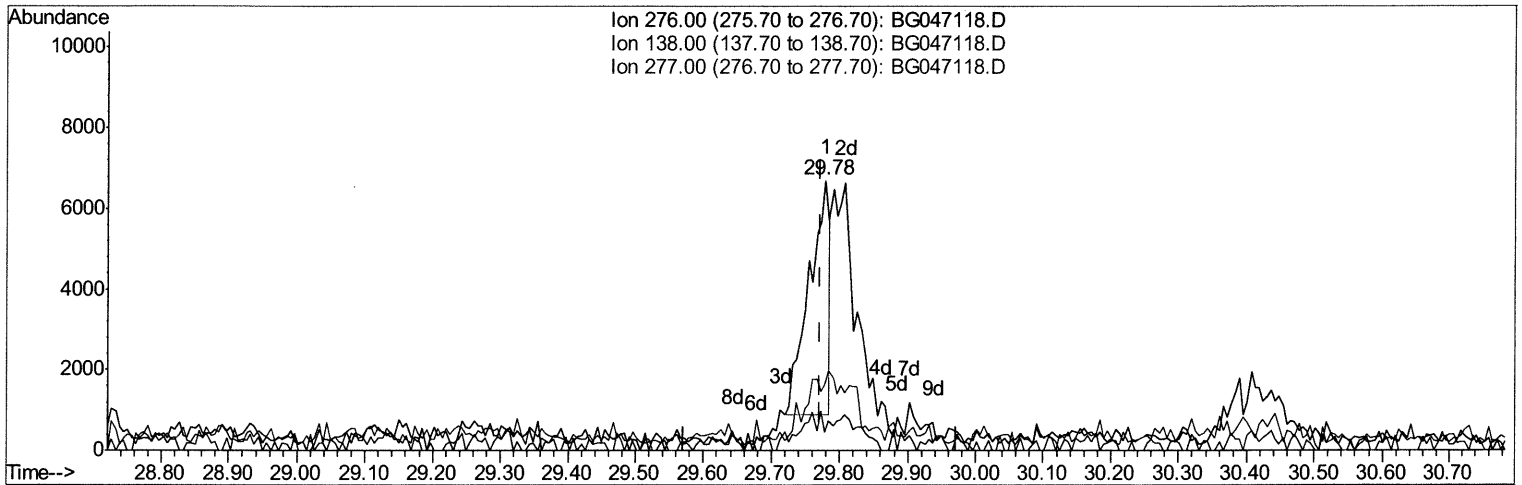
response 38253

Ion	Exp%	Act%
276.00	100	100
138.00	9.00	8.39
277.00	23.00	30.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
 Data File : BG047118.D
 Acq On : 29 Oct 2020 13:43
 Operator : CG/JU
 Sample : L4499-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 29 14:25:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 10:00:01 2020
 Response via : Initial Calibration



TIC: BG047118.D

(94) Benzo(g,h,i)perylene

29.778min (+0.007) 0.48ng/ul

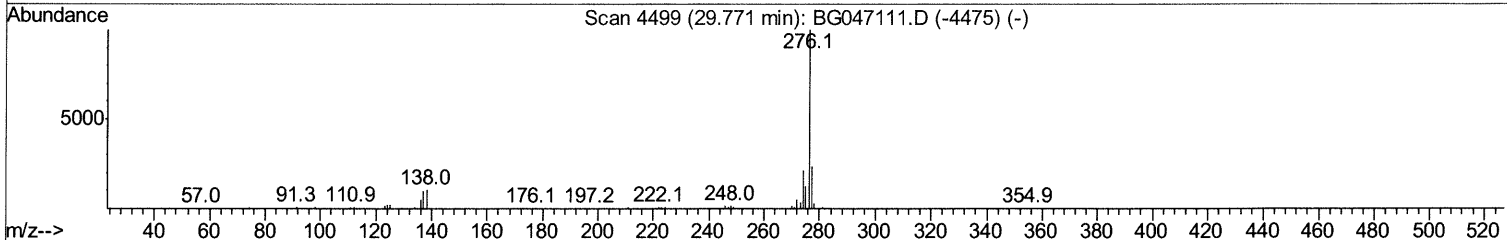
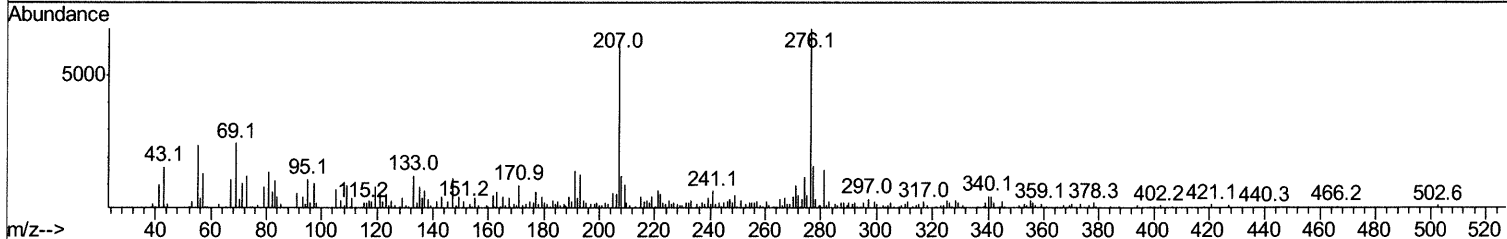
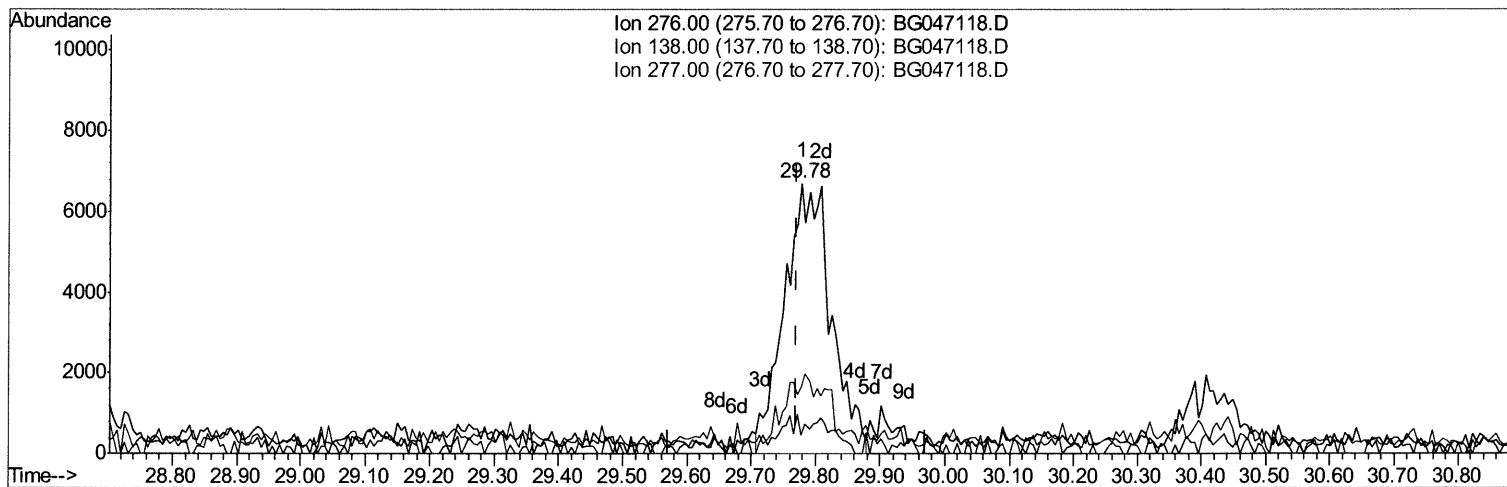
response 12131

Ion	Exp%	Act%
276.00	100	100
138.00	11.00	6.87#
277.00	22.10	24.73
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
 Data File : BG047118.D
 Acq On : 29 Oct 2020 13:43
 Operator : CG/JU
 Sample : L4499-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 29 14:25:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 10:00:01 2020
 Response via : Initial Calibration



TIC: BG047118.D

(94) Benzo(g,h,i)perylene

29.778min (+0.007) 1.32ng/ul m 10/30/2024

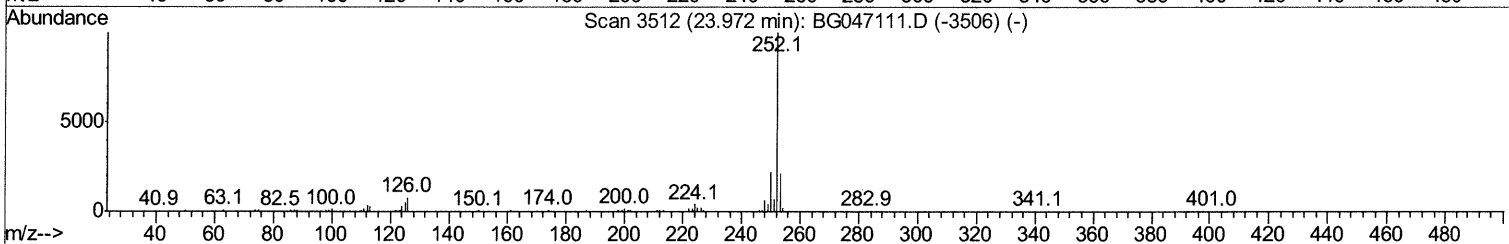
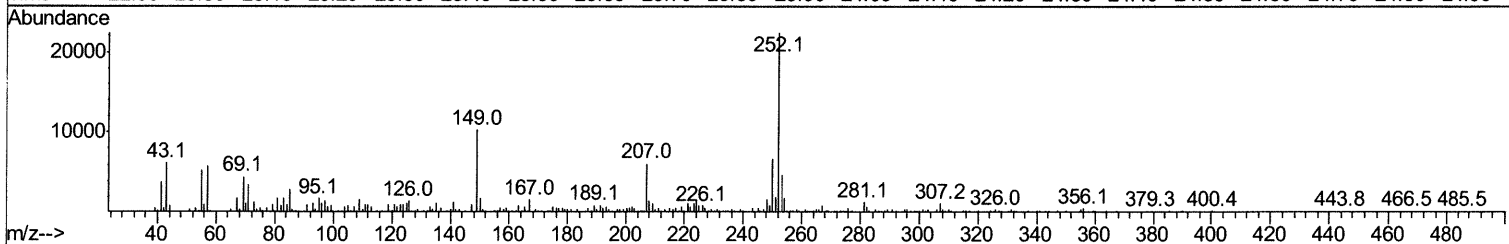
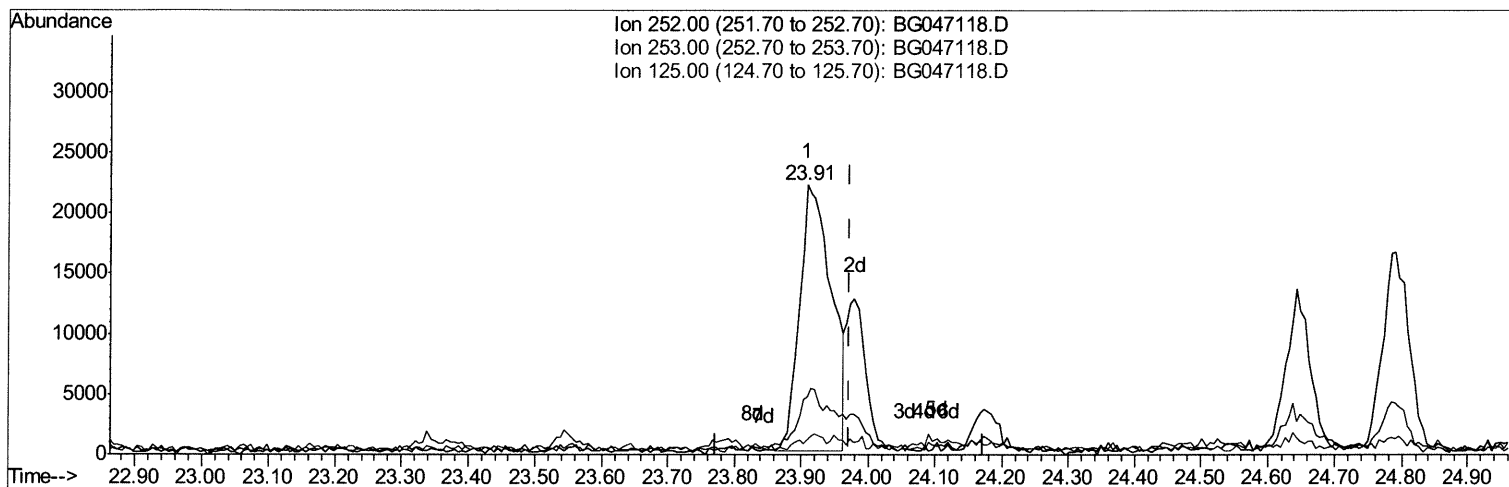
response 33422

Ion	Exp%	Act%
276.00	100	100
138.00	11.00	6.87#
277.00	22.10	24.73
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
Data File : BG047118.D
Acq On : 29 Oct 2020 13:43
Operator : CG/JU
Sample : L4499-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 29 14:27:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 10:00:01 2020
Response via : Initial Calibration



TIC: BG047118.D

(89) Benzo(k)fluoranthene

23.909min (-0.063) 2.77ng/ul

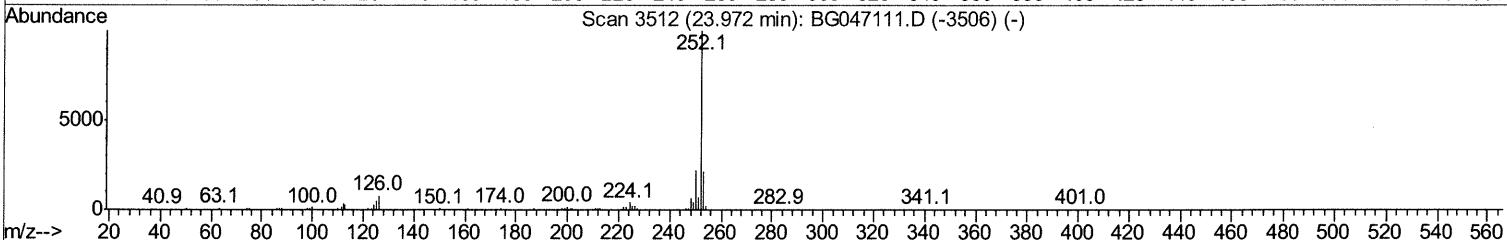
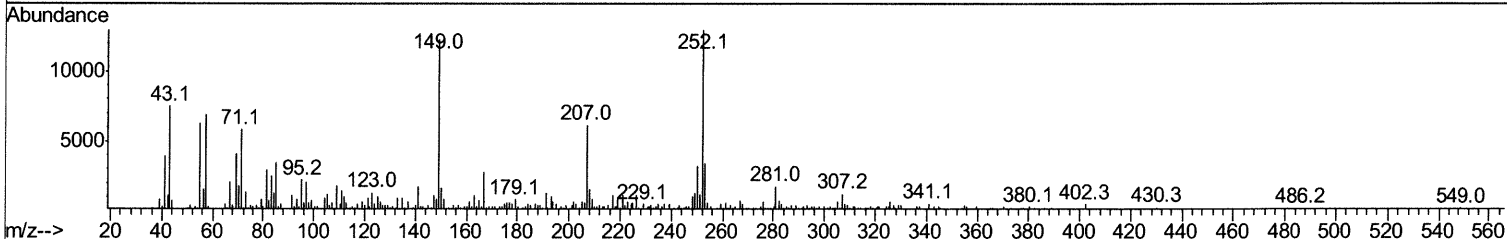
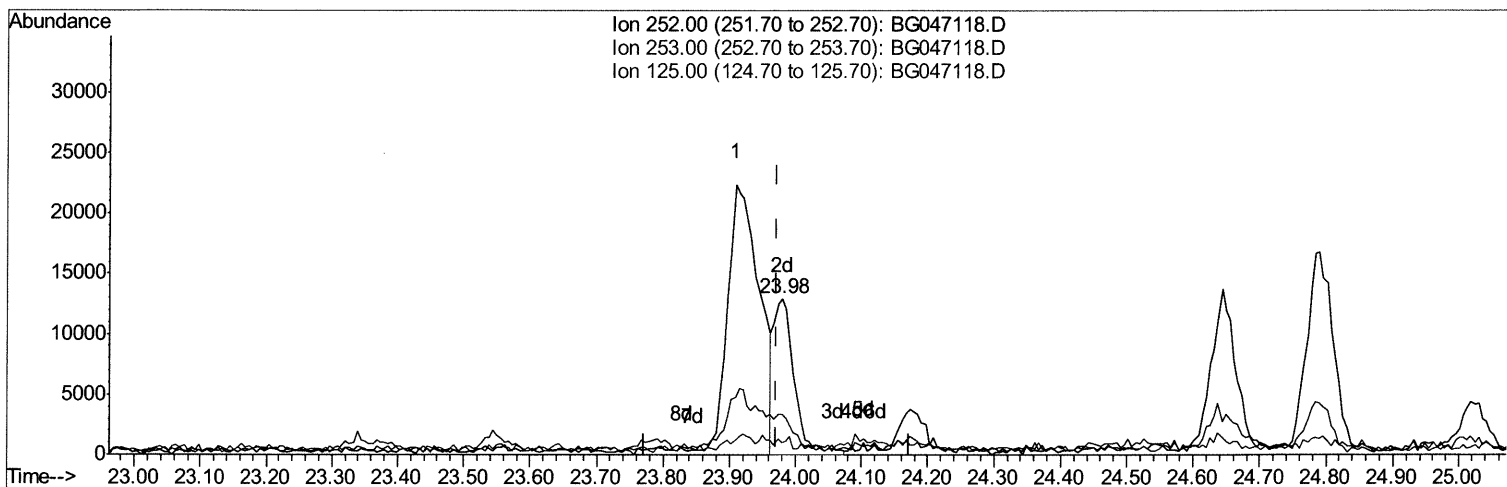
response 72658

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	21.18
125.00	5.20	5.63
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
 Data File : BG047118.D
 Acq On : 29 Oct 2020 13:43
 Operator : CG/JU
 Sample : L4499-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 29 14:27:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 10:00:01 2020
 Response via : Initial Calibration



TIC: BG047118.D

(89) Benzo(k)fluoranthene

23.979min (+0.007) 1.06ng/ul m 10/30/20 JU

response 27705

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	26.05#
125.00	5.20	8.06#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG102920\
 Data File : BG047118.D
 Acq On : 29 Oct 2020 13:43
 Operator : CG/JU
 Sample : L4499-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 29 14:30:01 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 29 10:00:01 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	61156	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	240547	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	176523	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	420631	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	390710	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	407197	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	3951	2.61	ng/uL	0.00
5) Phenol-d5	7.21	99	66790	12.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	44795	14.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	55857	13.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	50584	11.94	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	28680	14.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	33920	14.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	63595	13.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	48267m	12.32	ng/ul	0.00 10/30/20 JU
44) Dimethylphthalate-d6	14.08	166	225195	15.52	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	256581	14.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	27583	12.07	ng/ul	0.00
58) Fluorene-d10	15.68	176	207290	15.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	17370	5.99	ng/ul	0.00
71) Anthracene-d10	17.53	188	313273	15.37	ng/ul	0.00
79) Pyrene-d10	19.82	212	336492	15.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	314895	14.07	ng/ul	0.00

Target Compounds

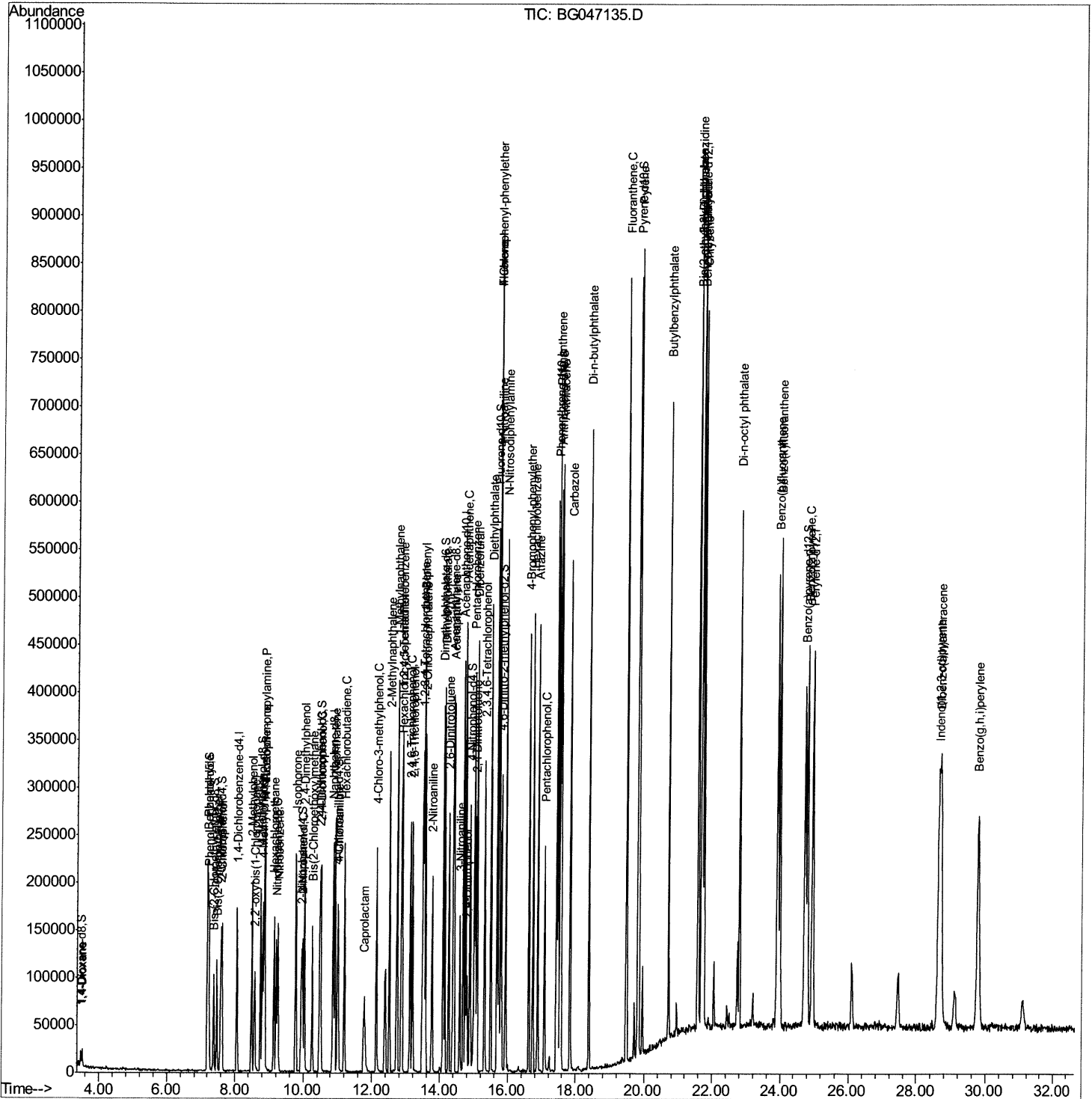
					Ovalue	
45) Dimethylphthalate	14.14	163	68359	4.693	ng/ul	97
70) Phenanthrene	17.48	178	42583	1.805	ng/ul	94
77) Fluoranthene	19.48	202	107238	3.777	ng/ul	98
80) Pyrene	19.84	202	87861	3.286	ng/ul	99
83) Benzo(a)anthracene	21.69	228	51526	1.947	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	22465	1.649	ng/ul	98
85) Chrysene	21.75	228	50817	1.996	ng/ul	95
88) Benzo(b)fluoranthene	23.91	252	73812	2.729	ng/ul	97
89) Benzo(k)fluoranthene	23.98	252	27705m	1.057	ng/ul	98 10/30/20 JU
91) Benzo(a)pyrene	24.79	252	43350	1.780	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	28.63	276	38253m	1.264	ng/ul	10/30/20 JU
94) Benzo(a,h,i)perylene	29.78	276	33422m	1.321	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047135.D
Acq On : 30 Oct 2020 2:04
Operator : CG/JU
Sample : SSTDCCC020
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

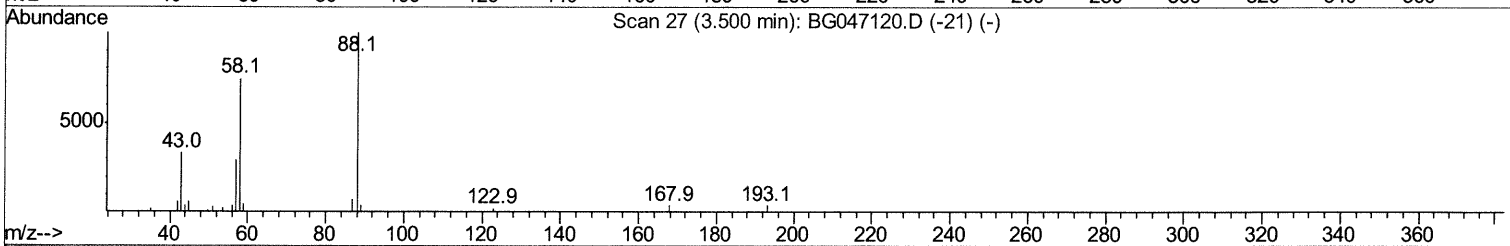
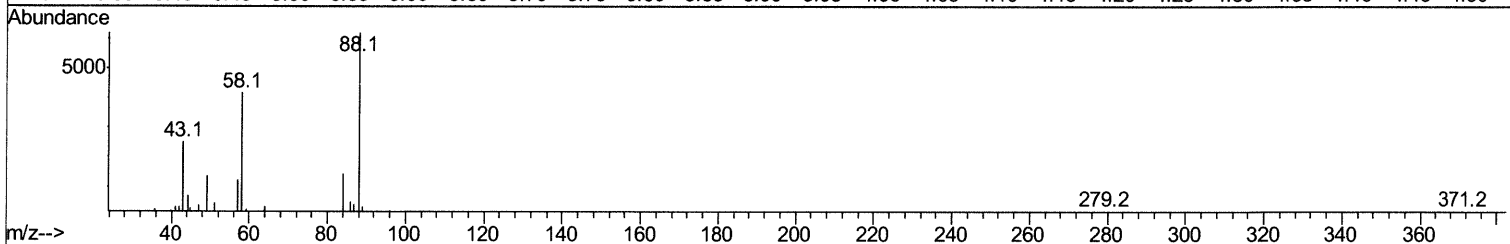
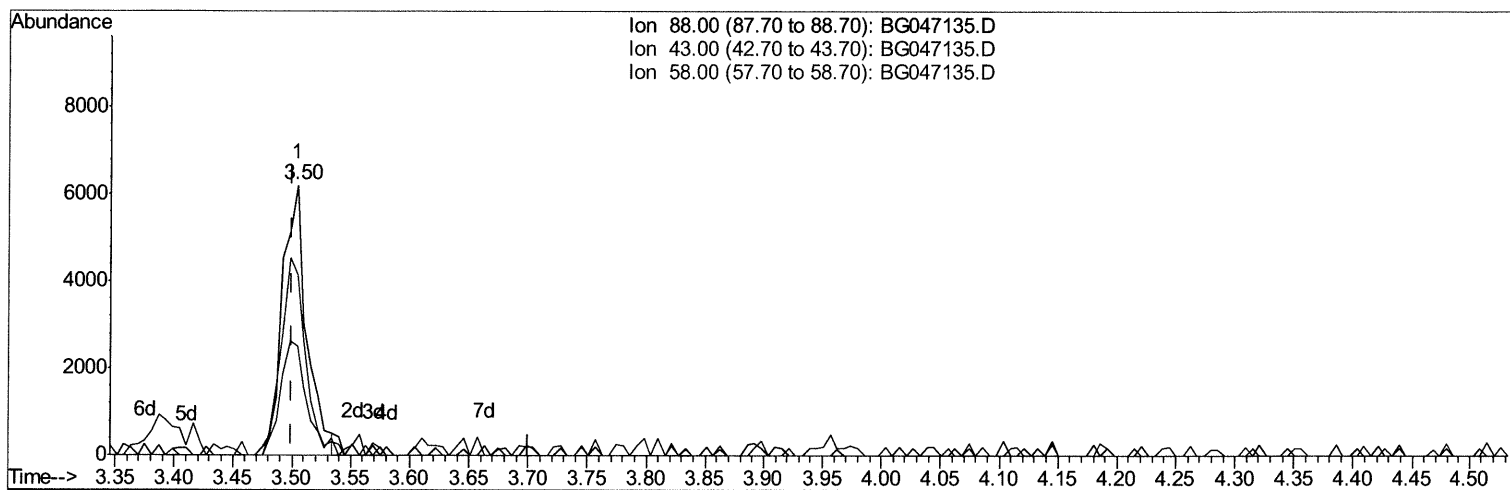
Quant Time: Oct 30 02:46:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 16:49:45 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
 Data File : BG047135.D
 Acq On : 30 Oct 2020 2:04
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc : GCMS CONFIRMATION
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 30 02:43:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 16:49:45 2020
 Response via : Initial Calibration



TIC: BG047135.D

(2) 1,4-Dioxane

3.504min (+0.005) 7.35ng/uL

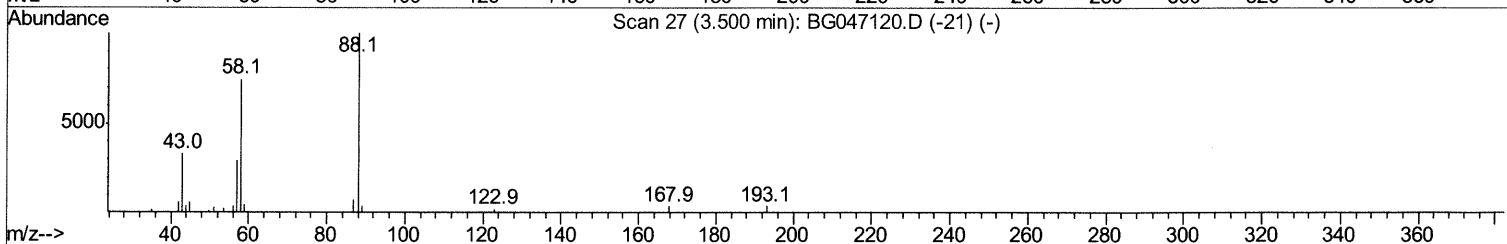
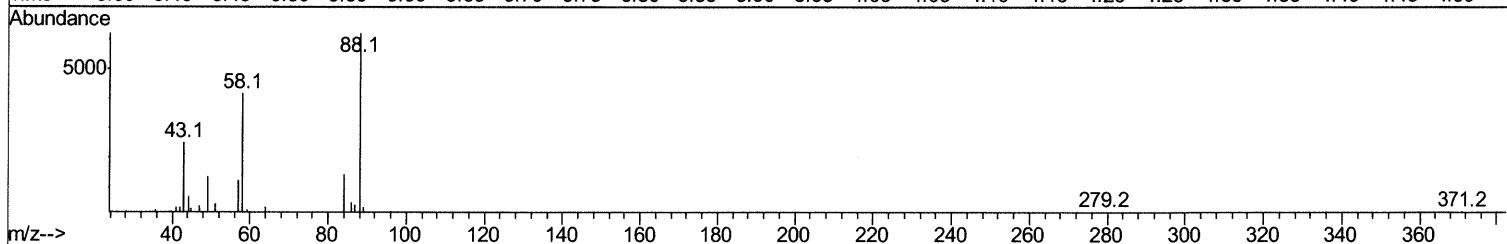
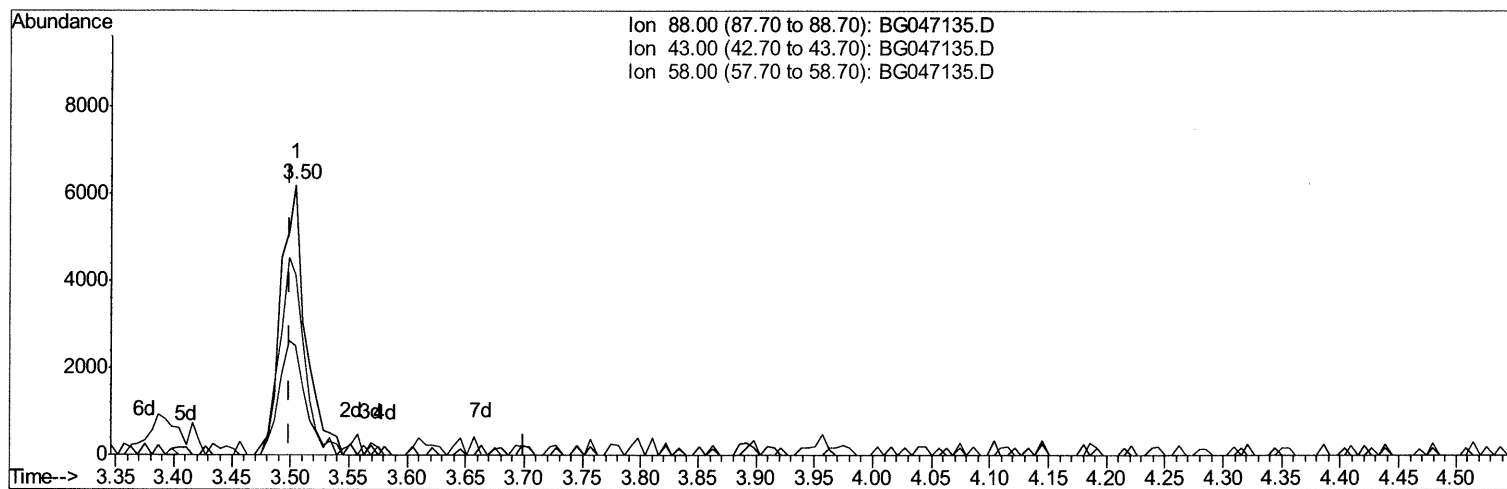
response 8923

Ion	Exp%	Act%
88.00	100	100
43.00	35.50	40.37
58.00	88.40	67.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
 Data File : BG047135.D
 Acq On : 30 Oct 2020 2:04
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc : GCMS CONFIRMATION
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 30 02:43:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 16:49:45 2020
 Response via : Initial Calibration



TIC: BG047135.D

(2) 1,4-Dioxane

3.504min (+0.005) 7.48ng/uL m 10/30/2020

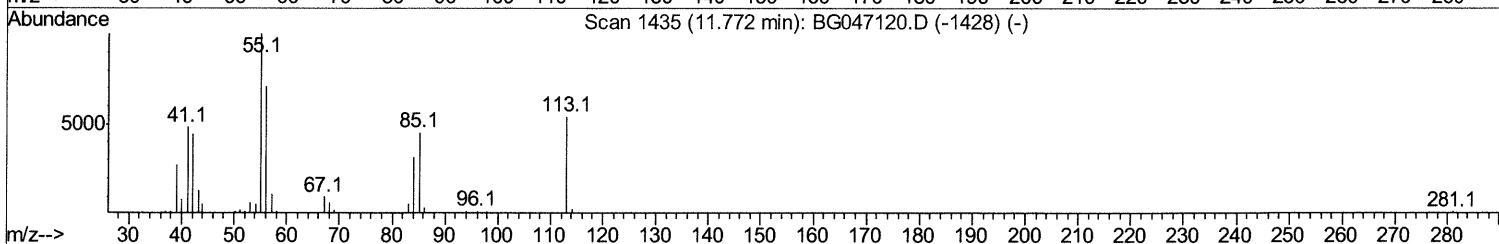
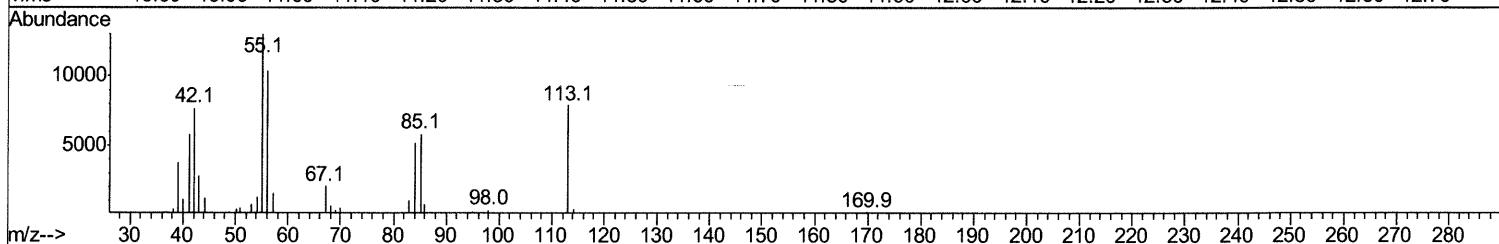
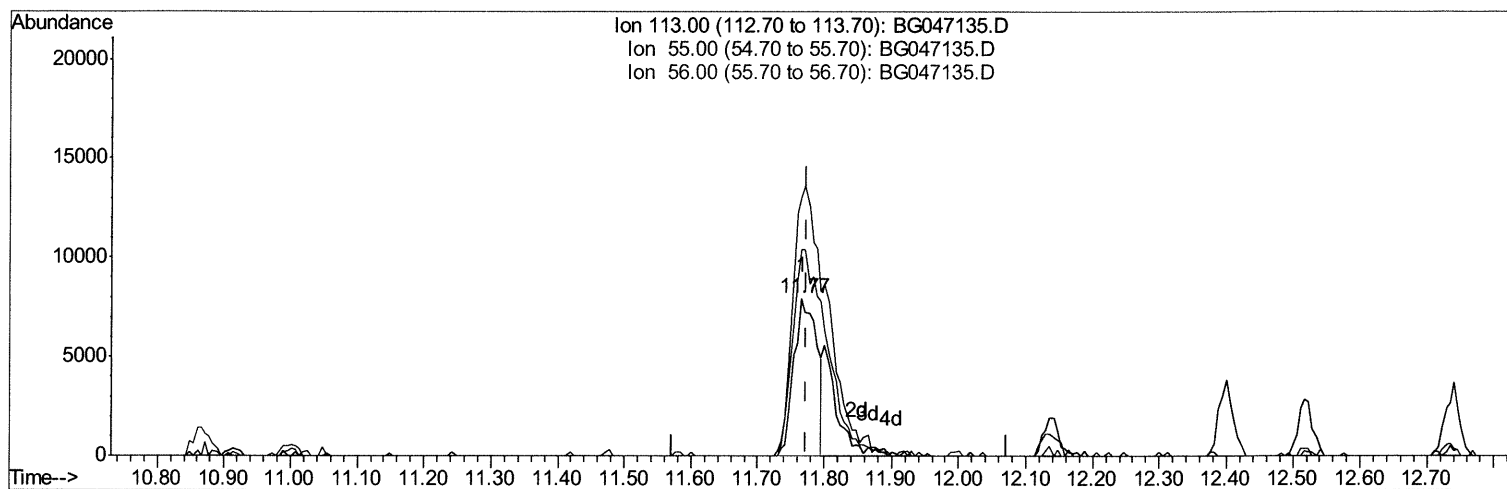
response 9073

Ion	Exp%	Act%
88.00	100	100
43.00	35.50	40.37
58.00	88.40	67.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047135.D
Acq On : 30 Oct 2020 2:04
Operator : CG/JU
Sample : SSTDCCC020
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 30 02:43:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 16:49:45 2020
Response via : Initial Calibration



TIC: BG047135.D

(32) Caprolactam

11.765min (-0.007) 15.38ng/ul

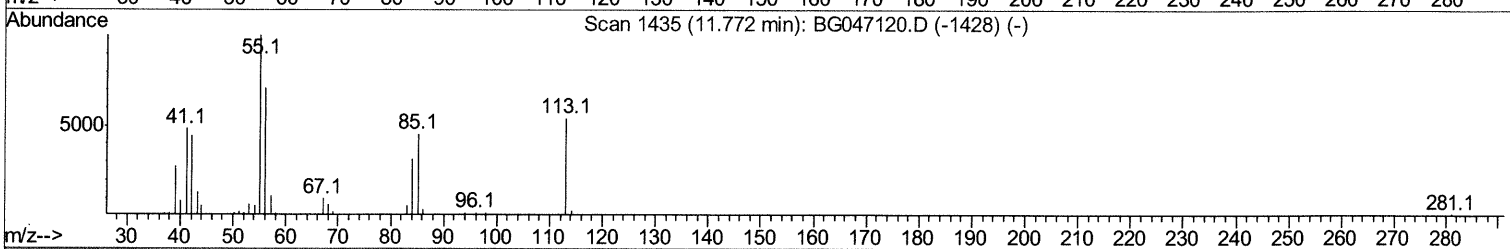
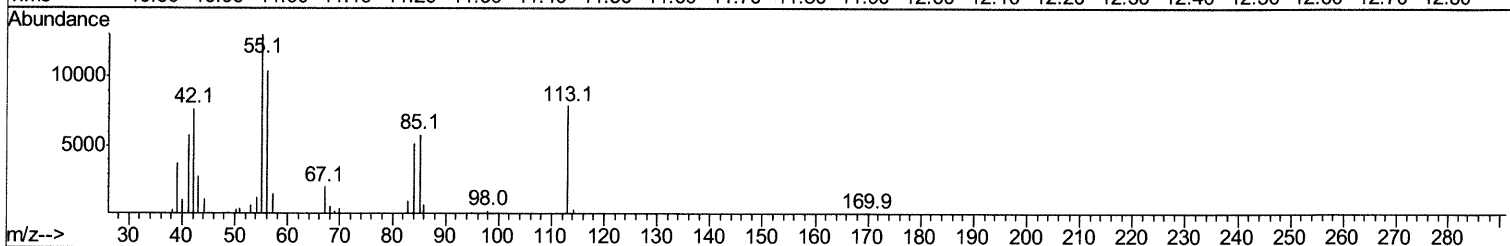
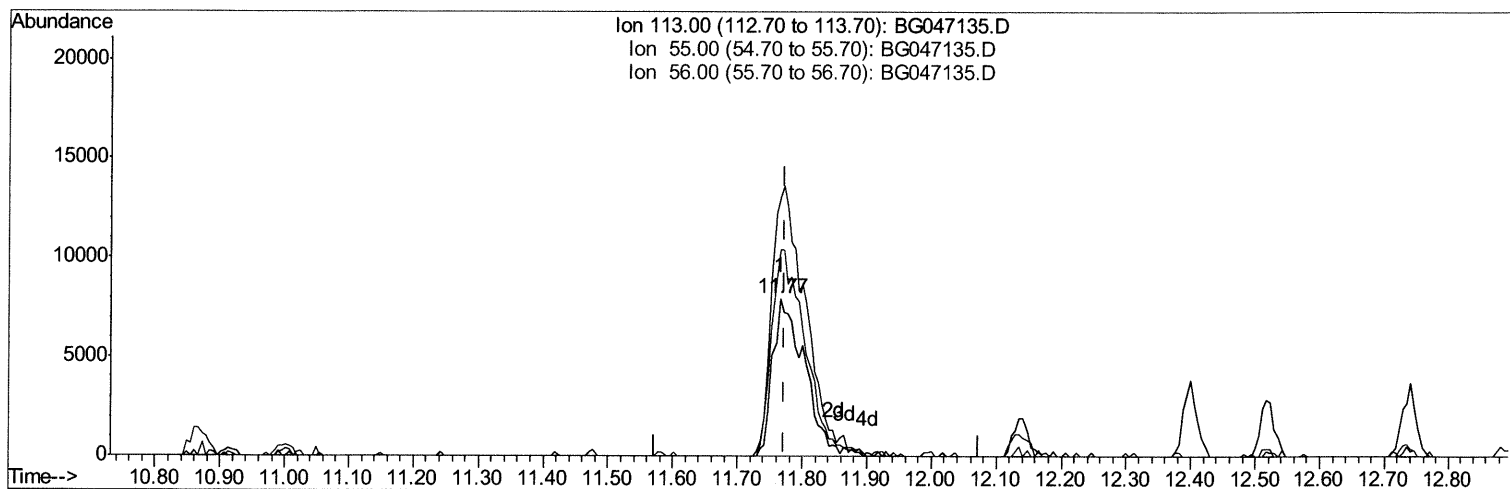
response 18883

Ion	Exp%	Act%
113.00	100	100
55.00	179.90	164.70
56.00	122.70	131.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
 Data File : BG047135.D
 Acq On : 30 Oct 2020 2:04
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc : GCMS CONFIRMATION
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 30 02:43:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 16:49:45 2020
 Response via : Initial Calibration



TIC: BG047135.D

(32) Caprolactam

11.765min (-0.007) 22.06ng/ul m 10/30/20 JU

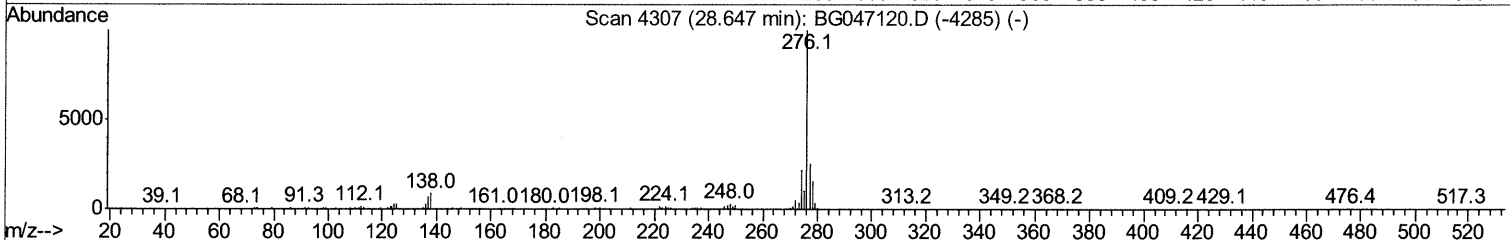
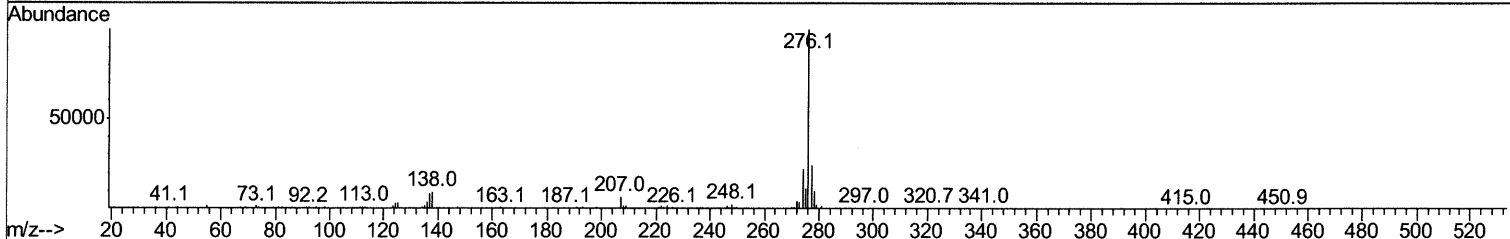
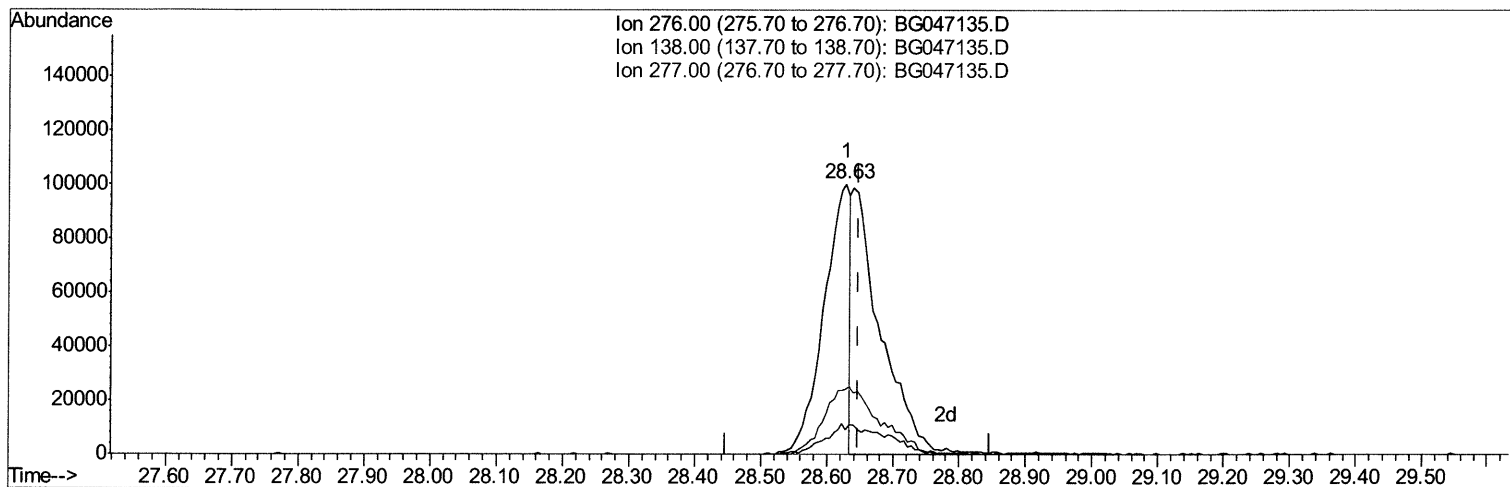
response 27082

Ion	Exp%	Act%
113.00	100	100
55.00	179.90	164.70
56.00	122.70	131.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
 Data File : BG047135.D
 Acq On : 30 Oct 2020 2:04
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc : GCMS CONFIRMATION
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 30 02:43:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 16:49:45 2020
 Response via : Initial Calibration



TIC: BG047135.D

(92) Indeno(1,2,3-cd)pyrene

28.628min (-0.019) 9.37ng/ul

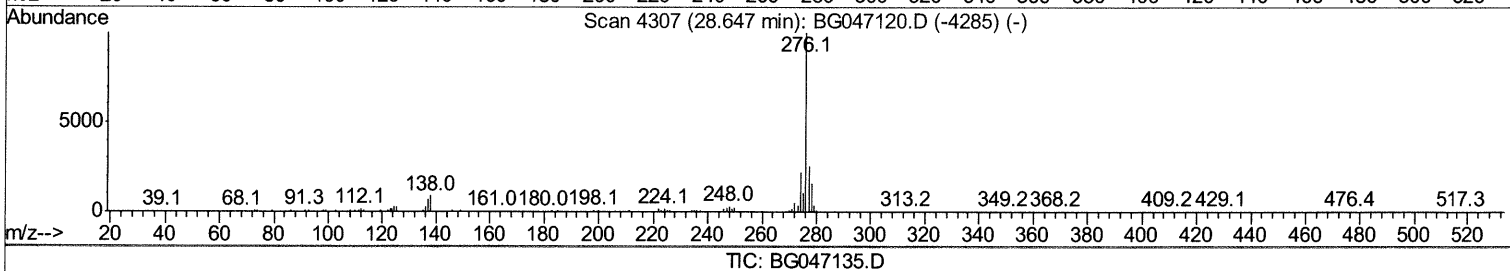
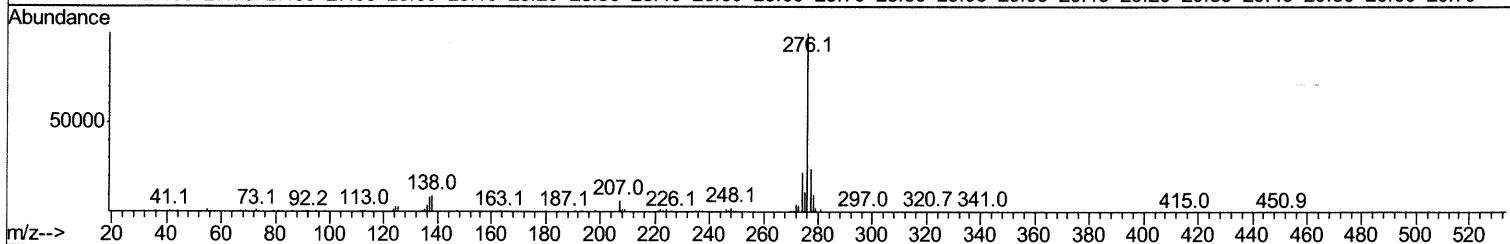
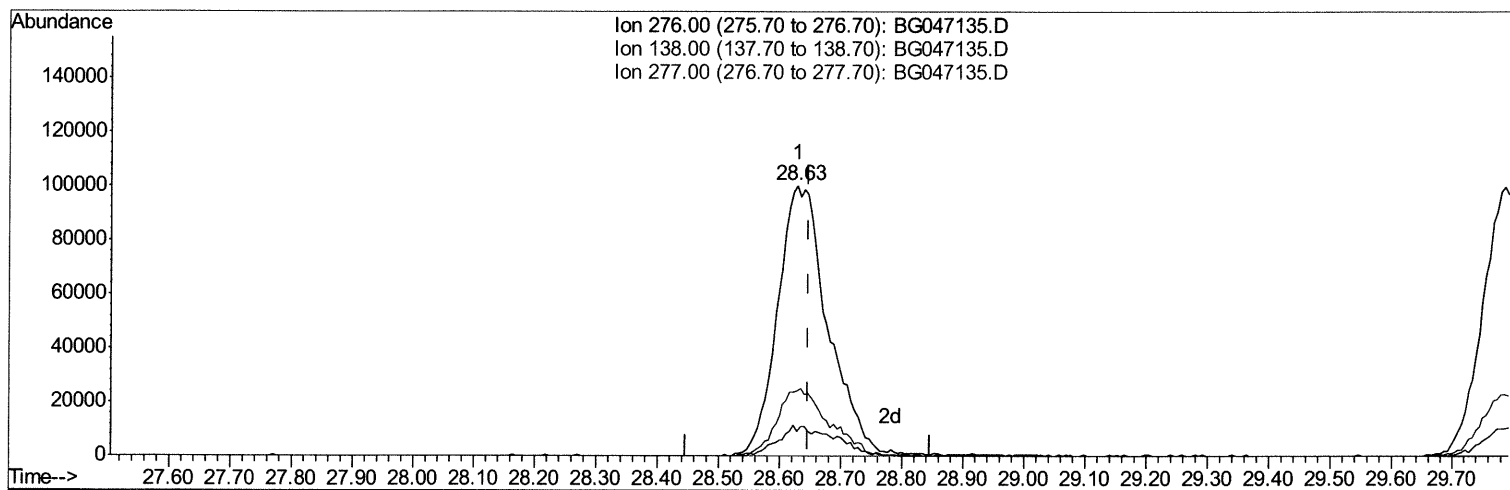
response 275052

Ion	Exp%	Act%
276.00	100	100
138.00	9.00	9.08
277.00	23.00	24.04
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047135.D
Acq On : 30 Oct 2020 2:04
Operator : CG/JU
Sample : SSTDCCC020
Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 30 02:43:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 16:49:45 2020
Response via : Initial Calibration



(92) Indeno(1,2,3-cd)pyrene

28.628min (-0.019) 19.31ng/ul m 10/30/20 8u

response 566653

Ion	Exp%	Act%
276.00	100	100
138.00	9.00	9.08
277.00	23.00	24.04
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
 Data File : BG047135.D
 Acq On : 30 Oct 2020 2:04
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc : GCMS CONFIRMATION
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 30 02:46:18 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 29 16:49:45 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	45653	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	199984	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	149906	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	385815	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	386853	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	394710	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	8063	7.12	ng/uL	0.00
5) Phenol-d5	7.21	99	81558	20.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	46051	20.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	61628	20.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	70336	22.25	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	31362	18.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	36453	18.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	75864	19.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	73710	22.62	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	248916	20.19	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	287368	19.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	40499	20.87	ng/ul	0.00
58) Fluorene-d10	15.68	176	230926	20.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	49967	18.78	ng/ul	0.00
71) Anthracene-d10	17.53	188	371197	19.85	ng/ul	0.00
79) Pyrene-d10	19.81	212	451818	20.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	427263	19.69	ng/ul	-0.01

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.50	88	9073m>	7.477 ng/uL >	10/30/20 JU
4) Benzaldehyde	7.19	77	49587	18.864 ng/ul	85
6) Phenol	7.24	94	80462	20.809 ng/ul	96
8) Bis(2-Chloroethyl)ether	7.47	93	61827	20.405 ng/ul	92
10) 2-Chlorophenol	7.62	128	61750	20.179 ng/ul	97
11) 2-Methylphenol	8.49	108	62838	21.190 ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.59	45	94144	20.911 ng/ul	96
14) Acetophenone	8.87	105	104285	21.595 ng/ul	92
15) N-Nitroso-di-n-propylamine	8.86	70	56248	21.526 ng/ul	96
16) 4-Methylphenol	8.82	108	68140	21.877 ng/ul	92
17) Hexachloroethane	9.14	117	28083	19.894 ng/ul	94
20) Nitrobenzene	9.26	77	87961	19.434 ng/ul	94
21) Isophorone	9.78	82	161475	19.810 ng/ul	99
23) 2-Nitrophenol	9.97	139	40640	20.237 ng/ul	94
24) 2,4-Dimethylphenol	10.03	107	80377	19.689 ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.27	93	88109	19.155 ng/ul	97
27) 2,4-Dichlorophenol	10.51	162	70610	19.594 ng/ul	95
28) Naphthalene	10.92	128	214303	19.075 ng/ul	100
30) 4-Chloroaniline	11.02	127	69974	22.579 ng/ul	99
31) Hexachlorobutadiene	11.20	225	58994	18.659 ng/ul	96
32) Caprolactam	11.77	113	27082m>	22.059 ng/ul >	10/30/20 JU
33) 4-Chloro-3-methylphenol	12.14	107	78317	21.138 ng/ul	95
34) 2-Methylnaphthalene	12.52	142	162036	20.215 ng/ul	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
 Data File : BG047135.D
 Acq On : 30 Oct 2020 2:04
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc : GCMS CONFIRMATION
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 30 02:46:18 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 29 16:49:45 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.74	142	188418	20.061	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	108345	18.556	ng/uL	98
38) Hexachlorocyclopentadiene	12.86	237	68089	18.598	ng/uL	98
39) 2,4,6-Trichlorophenol	13.12	196	70234	19.727	ng/uL	97
40) 2,4,5-Trichlorophenol	13.19	196	71483	19.592	ng/uL	95
41) 1,1'-Biphenyl	13.52	154	225124	19.035	ng/uL	95
42) 2-Chloronaphthalene	13.57	162	184234	19.314	ng/uL	99
43) 2-Nitroaniline	13.76	65	60453	21.077	ng/uL	94
45) Dimethylphthalate	14.13	163	253455	20.490	ng/uL	99
46) 2,6-Dinitrotoluene	14.26	165	55458	20.714	ng/uL	98
48) Acenaphthylene	14.41	152	271533	19.904	ng/uL	99
49) 3-Nitroaniline	14.59	138	38461	21.989	ng/uL	87
50) Acenaphthene	14.76	153	196927	19.952	ng/uL	97
51) 2,4-Dinitrophenol	14.79	184	28326	20.465	ng/uL	96
53) 4-Nitrophenol	14.89	109	41979	21.158	ng/uL	97
54) Dibenzofuran	15.08	168	287343	20.005	ng/uL	99
55) 2,4-Dinitrotoluene	15.04	165	78636	21.382	ng/uL#	99
56) 2,3,4,6-Tetrachlorophenol	15.31	232	72200	18.848	ng/uL#	92
57) Diethylphthalate	15.50	149	258466	20.849	ng/uL	99
59) Fluorene	15.74	166	238443	20.224	ng/uL	95
60) 4-Chlorophenyl-phenylether	15.73	204	137058	20.261	ng/uL	99
61) 4-Nitroaniline	15.75	138	43648	21.538	ng/uL	94
64) 4,6-Dinitro-2-methylphenol	15.81	198	51763	18.871	ng/uL#	88
65) N-Nitrosodiphenylamine	15.94	169	216376	19.405	ng/uL	98
66) 4-Bromophenyl-phenylether	16.62	248	98683	19.282	ng/uL	90
67) Hexachlorobenzene	16.74	284	106213	19.608	ng/uL	97
68) Atrazine	16.88	200	97006	20.158	ng/uL	97
69) Pentachlorophenol	17.08	266	46583	15.080	ng/uL	97
70) Phenanthrene	17.48	178	423762	19.583	ng/uL	99
72) Anthracene	17.57	178	429187	19.736	ng/uL	98
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	114991	17.742	ng/uL	98
74) Pentachlorobenzene	15.01	250	116515	18.751	ng/uL	97
75) Carbazole	17.83	167	346667	20.752	ng/uL	100
76) Di-n-butylphthalate	18.39	149	451373	20.254	ng/uL	99
77) Fluoranthene	19.49	202	541151	20.778	ng/uL	99
80) Pyrene	19.84	202	534167	20.178	ng/uL	99
81) Butylbenzylphthalate	20.72	149	193270	19.875	ng/uL	94
82) 3,3'-Dichlorobenzidine	21.59	252	150214	21.220	ng/uL	90
83) Benzo(a)anthracene	21.68	228	514622	19.637	ng/uL	97
84) Bis(2-ethylhexyl)phthalate	21.58	149	269841	20.004	ng/uL#	97
85) Chrysene	21.75	228	498806	19.783	ng/uL	98
87) Di-n-octyl phthalate	22.80	149	454359	20.563	ng/uL	100
88) Benzo(b)fluoranthene	23.91	252	510276	19.462	ng/uL	99
89) Benzo(k)fluoranthene	23.98	252	502776	19.789	ng/uL	100
91) Benzo(a)pyrene	24.79	252	464521	19.674	ng/uL	100
92) Indeno(1,2,3-cd)pyrene	28.63	276	566653m	19.312	ng/uL	10/30/2020
93) Dibenzo(a,h)anthracene	28.69	278	462412	19.428	ng/uL	99
94) Benzo(a,h,i)perylene	29.79	276	478608	19.516	ng/uL	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
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Misc : GCMS CONFIRMATION
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 30 02:46:18 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 16:49:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						