

Quantitation Report (Qedit)

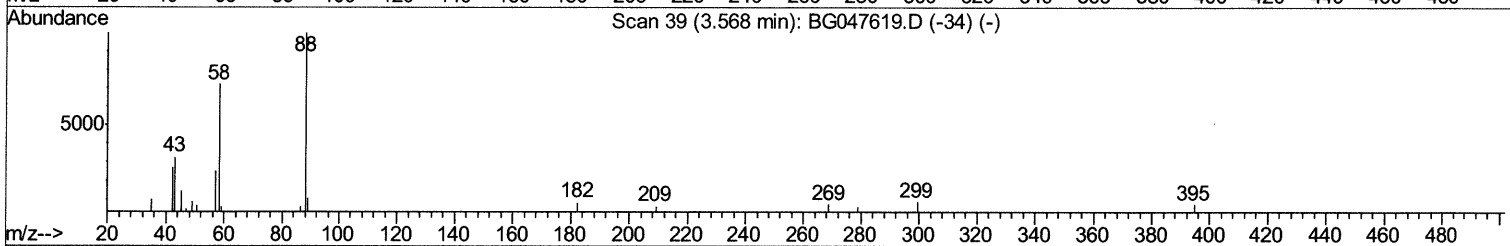
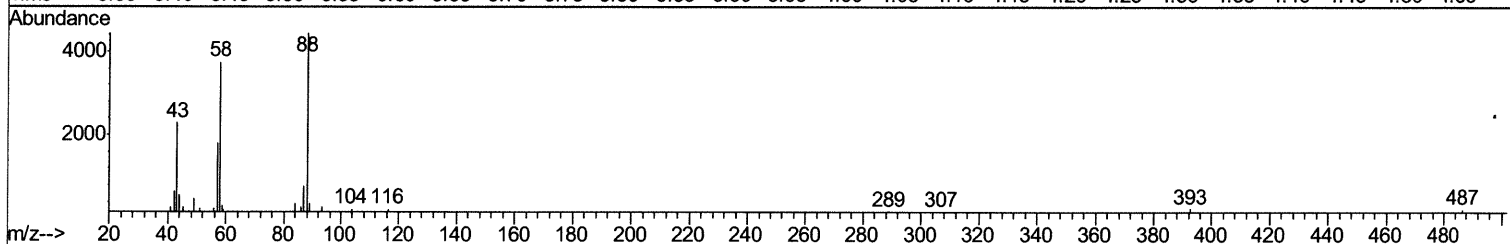
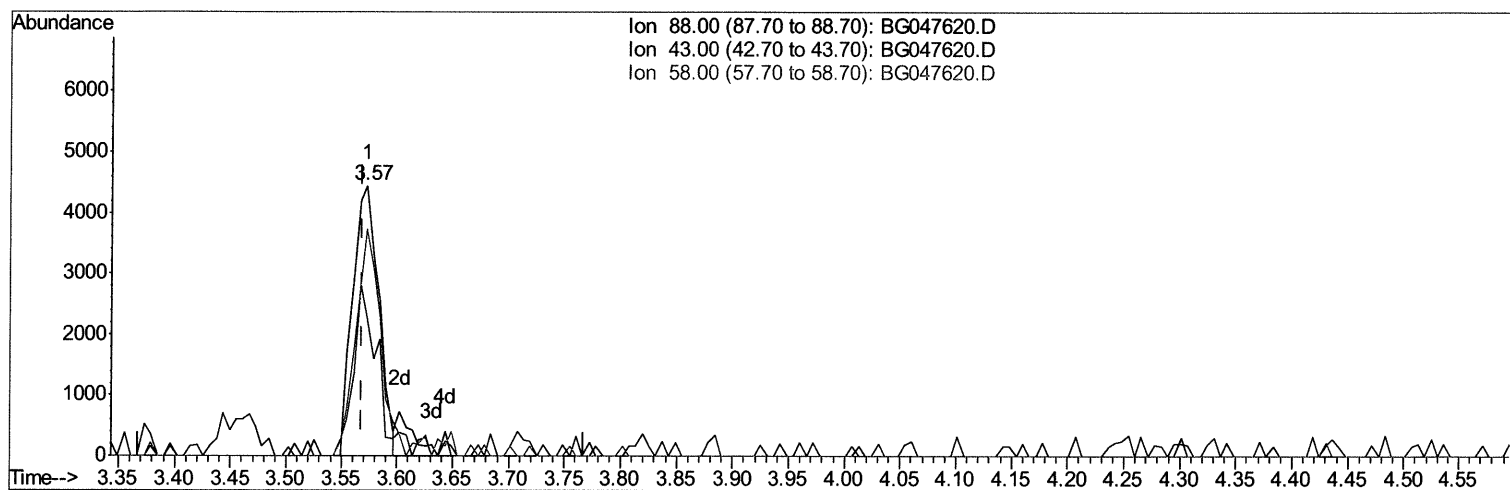
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
 Data File : BG047620.D
 Acq On : 7 Dec 2020 16:25
 Operator : CG/JU
 Sample : SSTD04028
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD04028

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:18:31 PM

Quant Time: Dec 07 17:01:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 16:26:47 2020
 Response via : Initial Calibration



TIC: BG047620.D

(2) 1,4-Dioxane

3.573min (+0.005) 10.19ng/uL

response 7292

Ion	Exp%	Act%
88.00	100	100
43.00	32.50	51.63#
58.00	71.90	84.24
0.00	0.00	0.00

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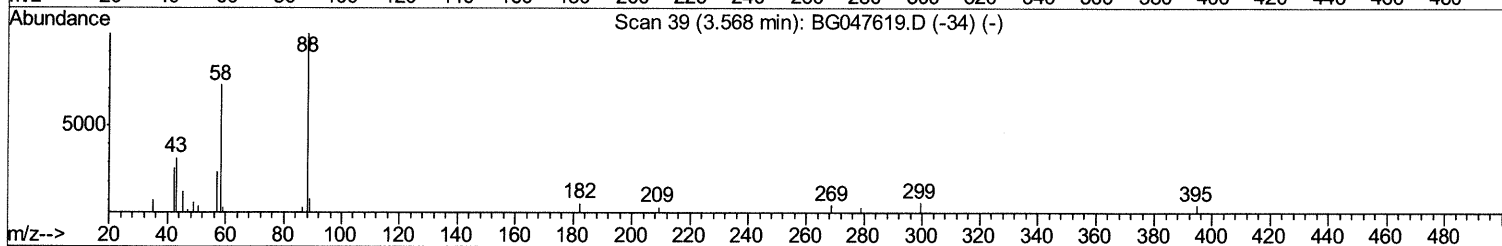
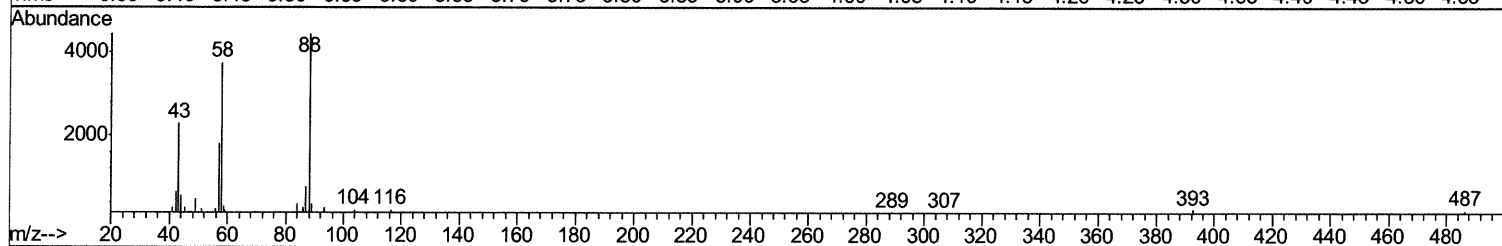
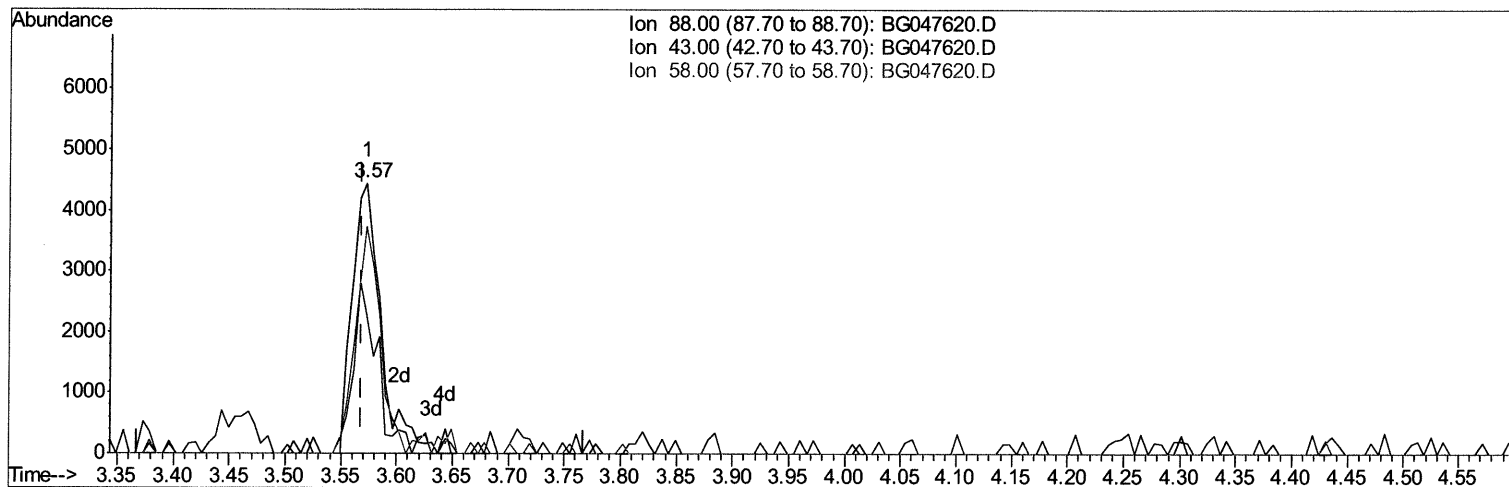
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(2) 1,4-Dioxane

3.573min (+0.005) 11.23ng/uL m 12/09/2020

response 8036

Ion	Exp%	Act%
88.00	100	100
43.00	32.50	51.63#
58.00	71.90	84.24
0.00	0.00	0.00

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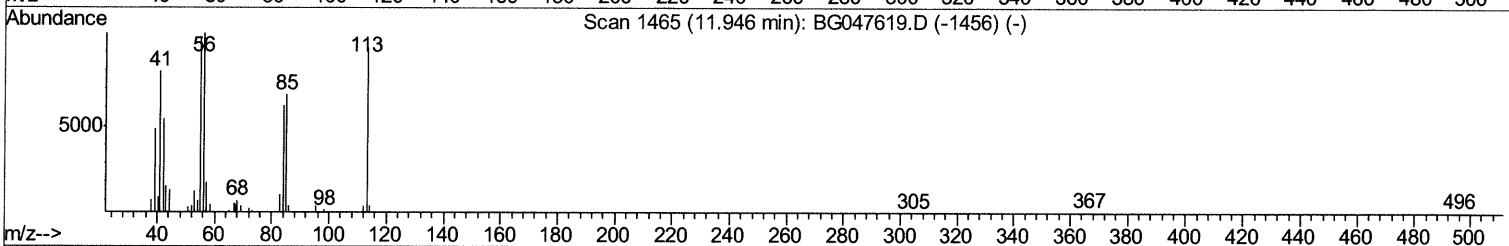
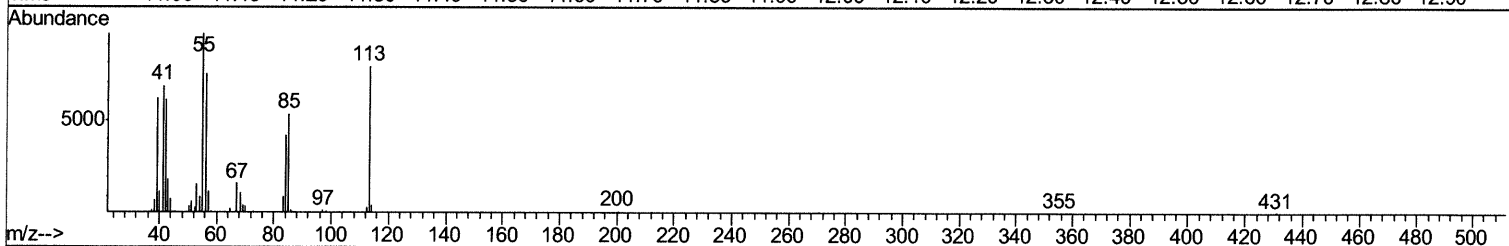
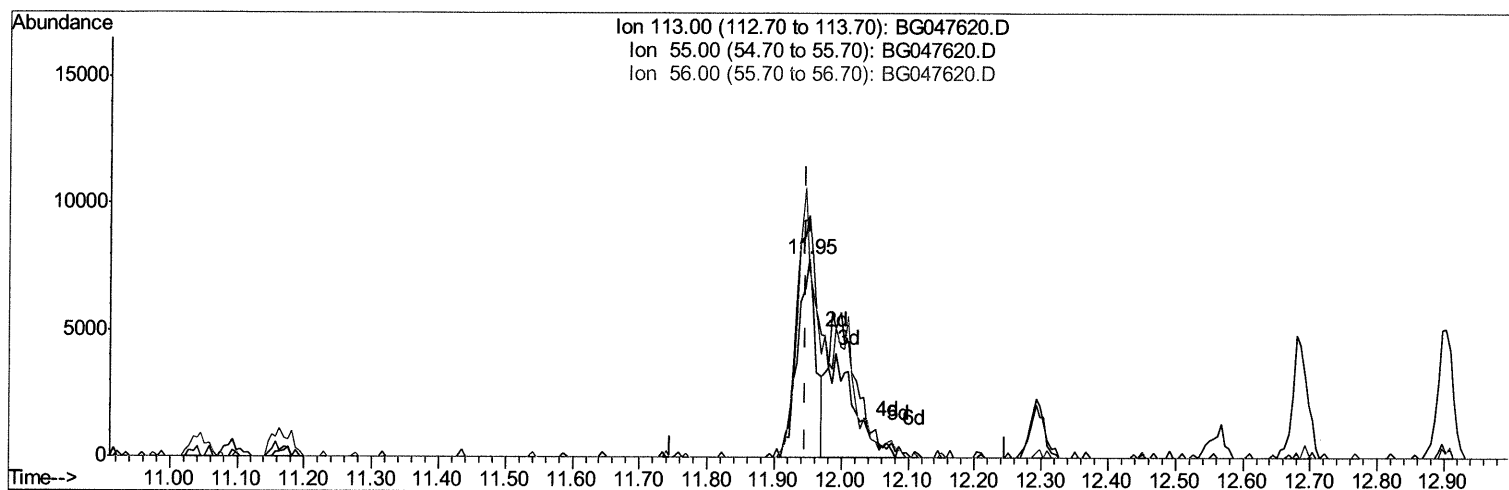
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(32) Caprolactam

11.951min (+0.005) 21.10ng/ul

response 14642

Ion	Exp%	Act%
113.00	100	100
55.00	114.90	121.90
56.00	108.90	95.20
0.00	0.00	0.00

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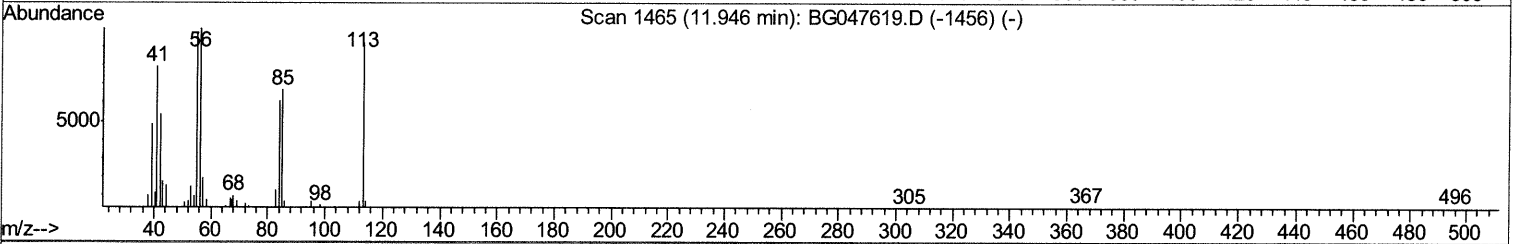
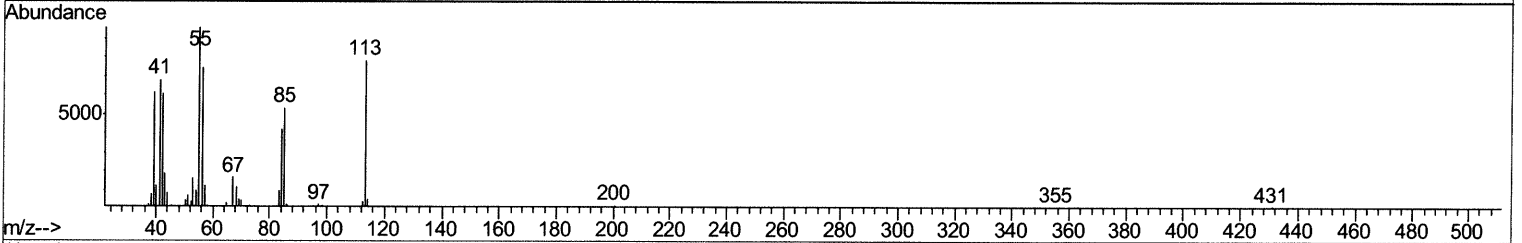
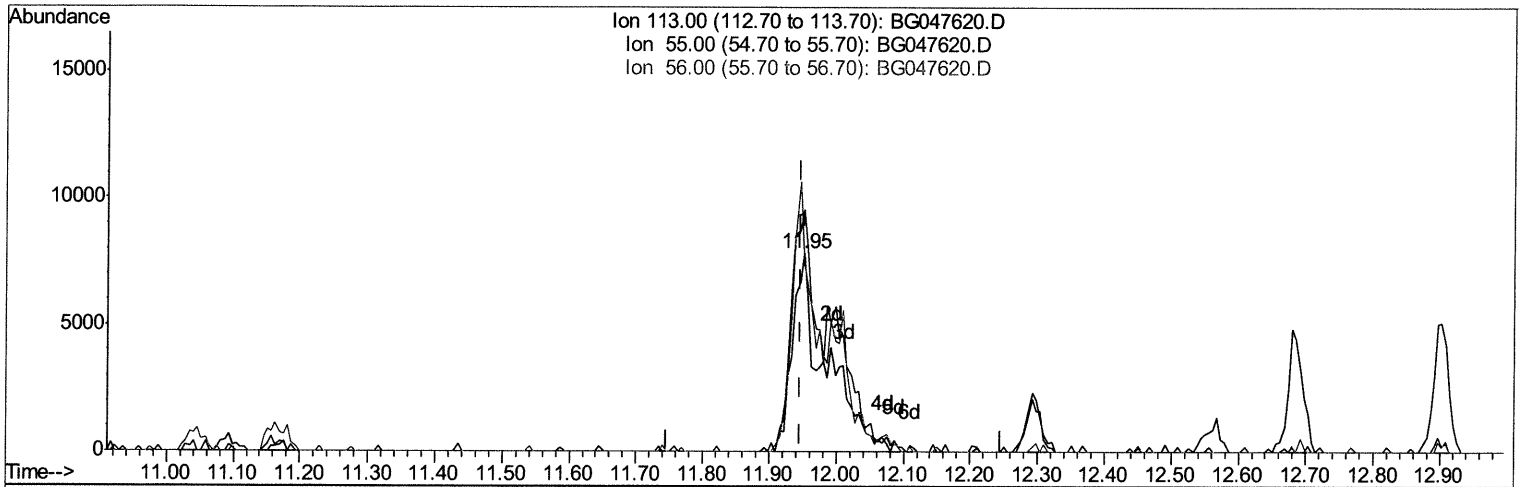
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(32) Caprolactam

11.951min (+0.005) 38.66ng/ul m 12/09/20 JU

response 26832

Ion	Exp%	Act%
113.00	100	100
55.00	114.90	121.90
56.00	108.90	95.20
0.00	0.00	0.00

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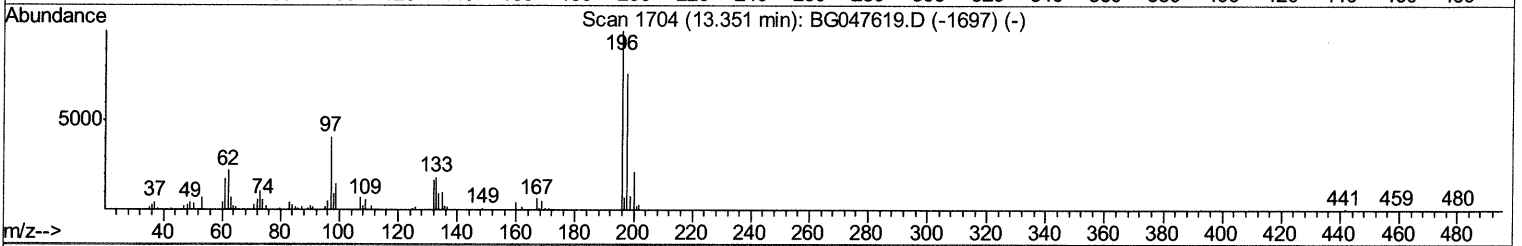
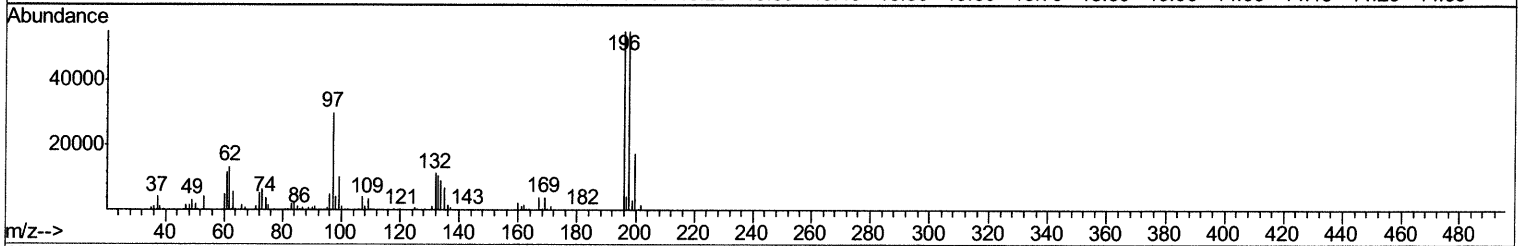
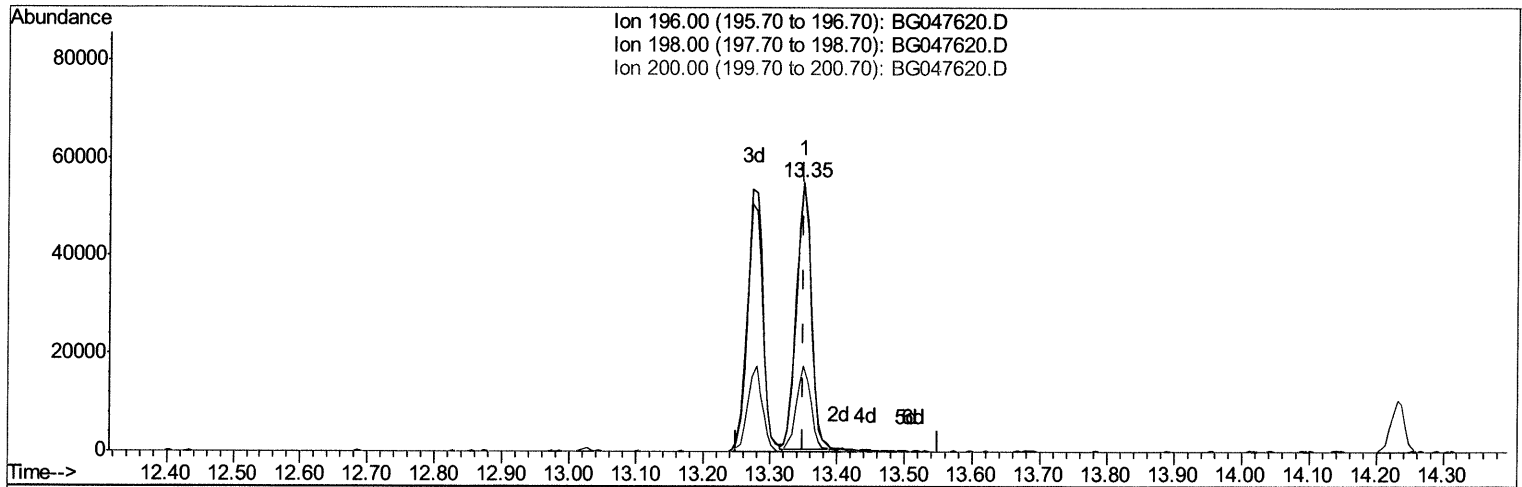
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(40) 2,4,5-Trichlorophenol
 13.349min (-0.001) 40.64ng/ul
 response 84334

Ion	Exp%	Act%
196.00	100	100
198.00	77.40	99.68#
200.00	21.40	31.74#
0.00	0.00	0.00

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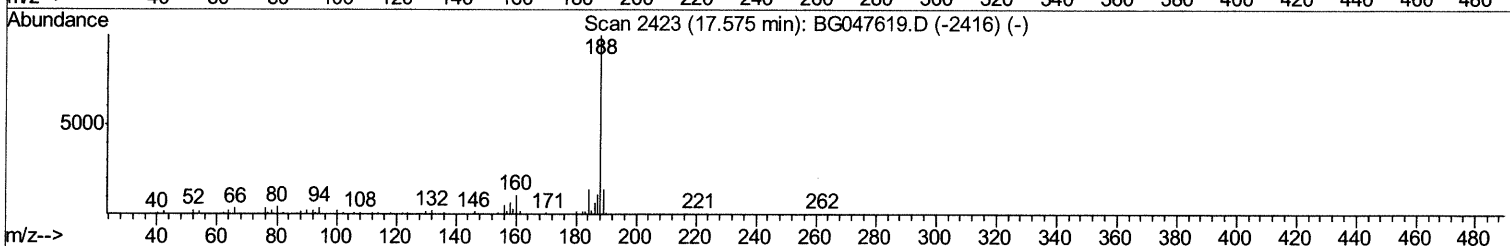
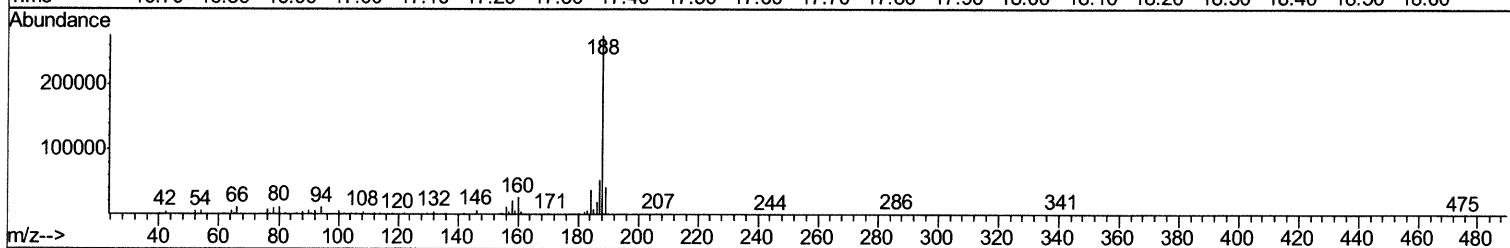
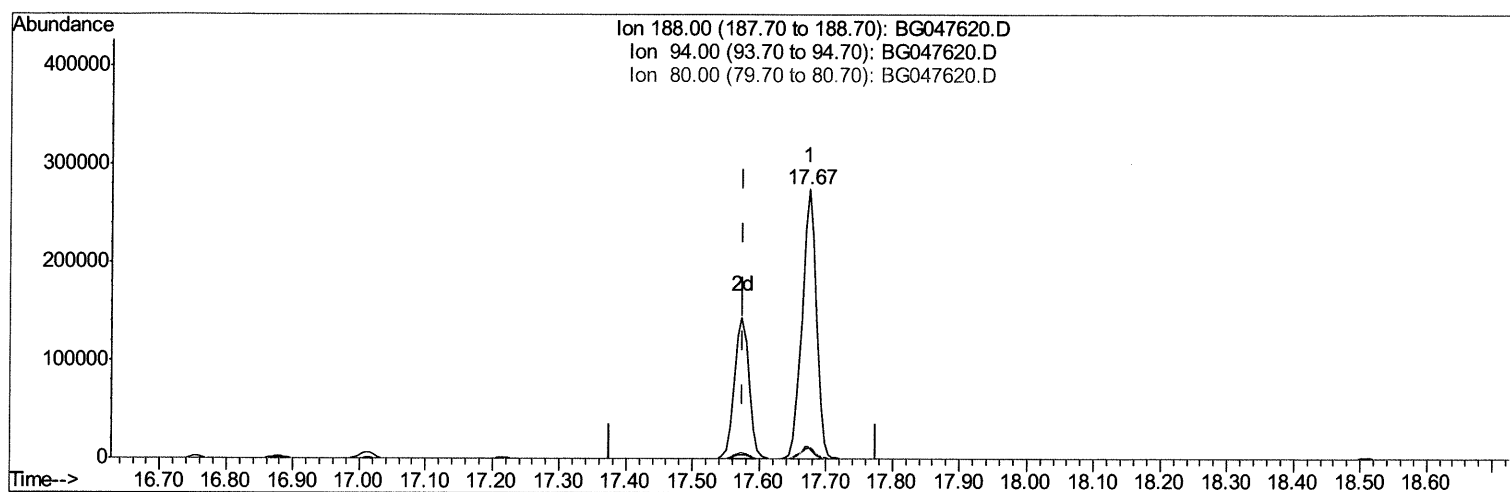
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TIC: BG047620.D

(62) Phenanthrene-d10 (I)

17.674min (+0.099) 20.00ng/ul

response 416064

Ion	Exp%	Act%
188.00	100	100
94.00	3.60	3.97
80.00	4.20	4.48
0.00	0.00	0.00

Quantitation Report (Qedit)

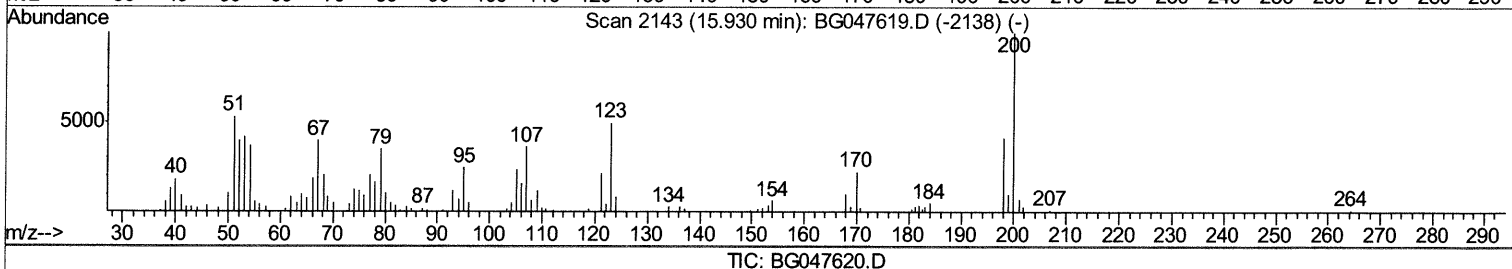
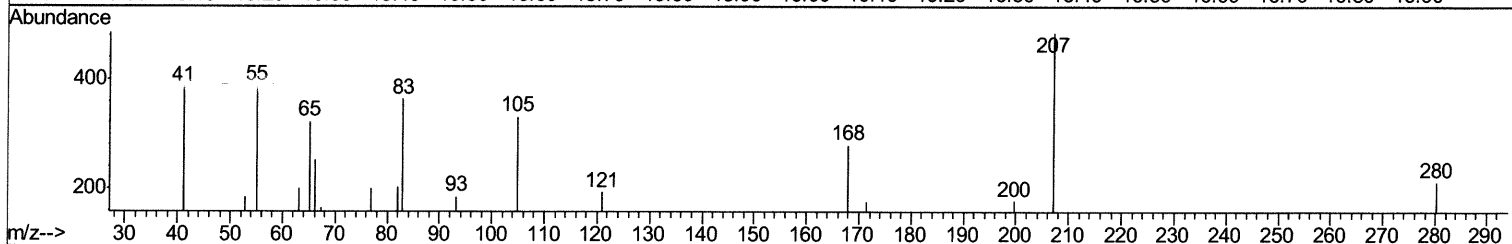
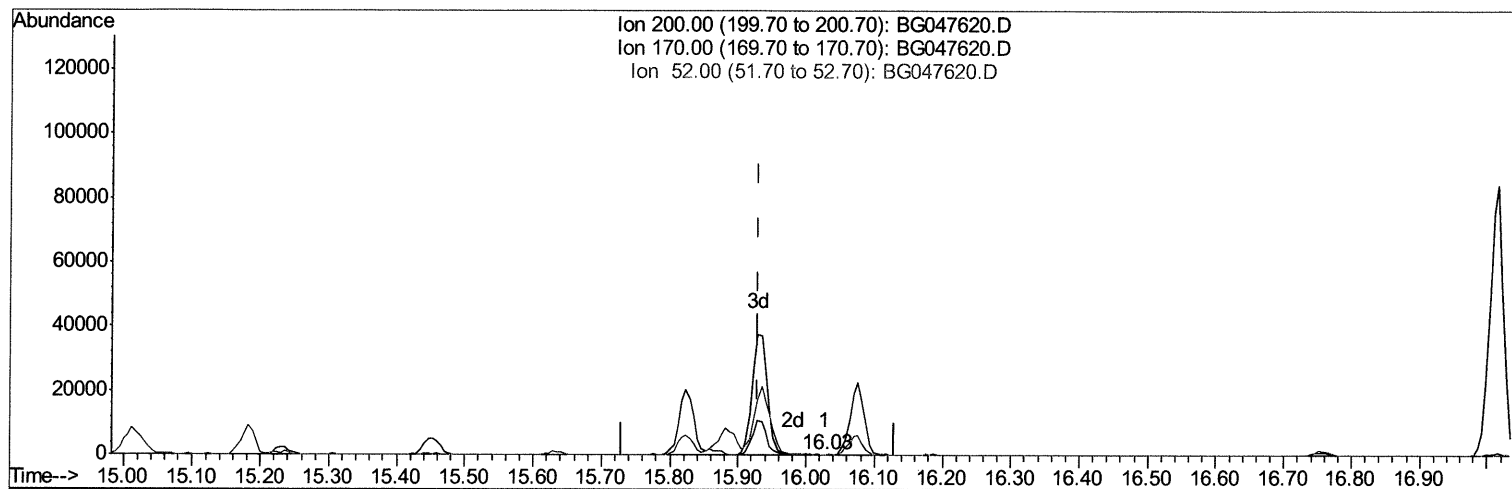
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TIC: BG047620.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

16.029min (+0.099) 0.05ng/ul

response 62

Ion	Exp%	Act%
200.00	100	100
170.00	22.20	0.00#
52.00	43.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

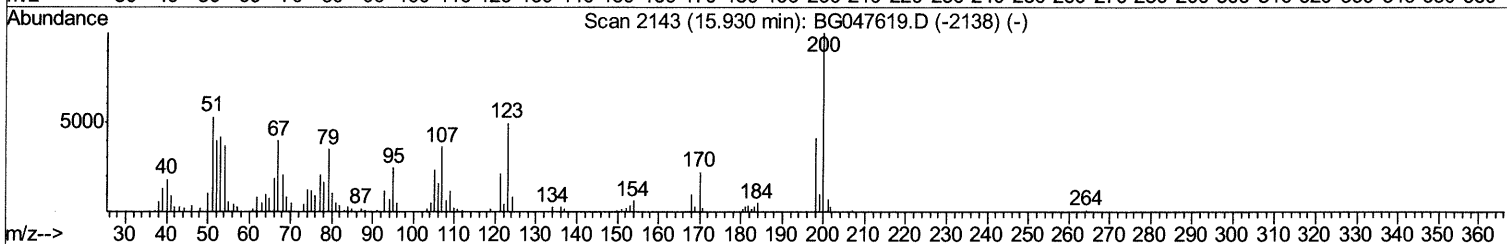
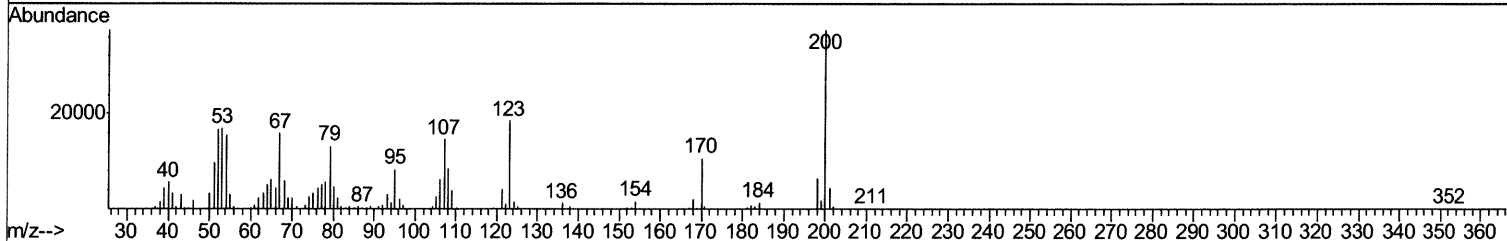
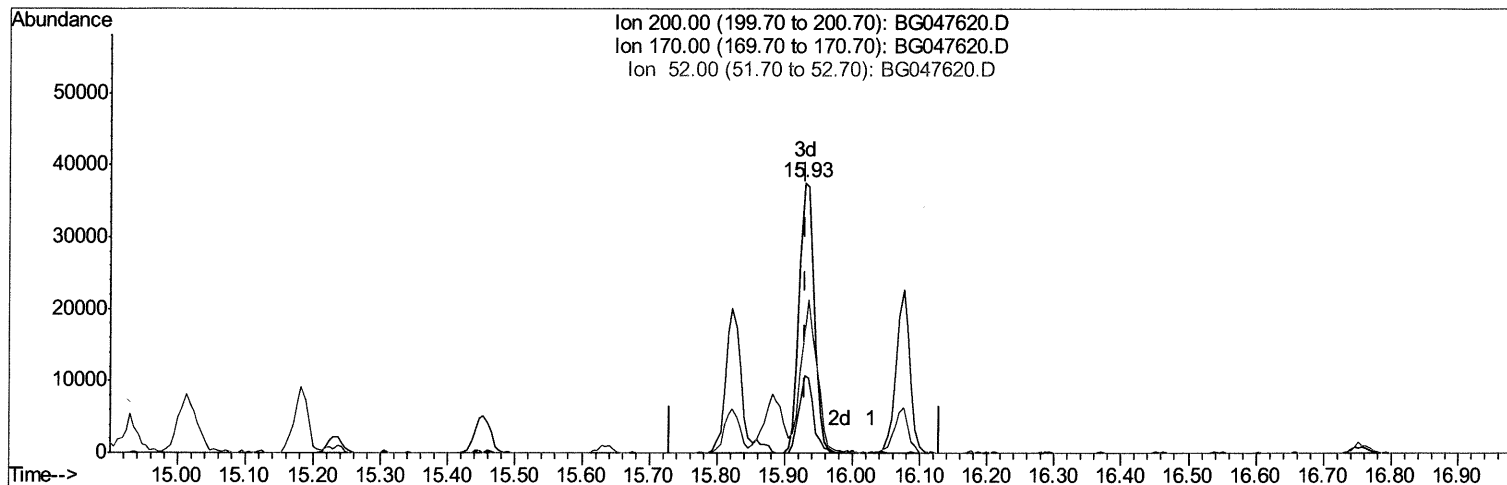
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TIC: BG047620.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.929min (-0.001) 47.07ng/ul m 12/09/20 JU

response 58554

Ion	Exp%	Act%
200.00	100	100
170.00	22.20	28.69#
52.00	43.70	44.58
0.00	0.00	0.00

Quantitation Report (Qedit)

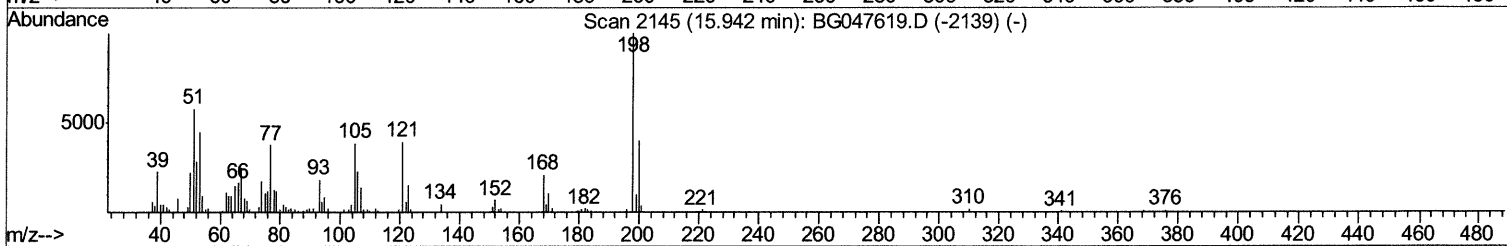
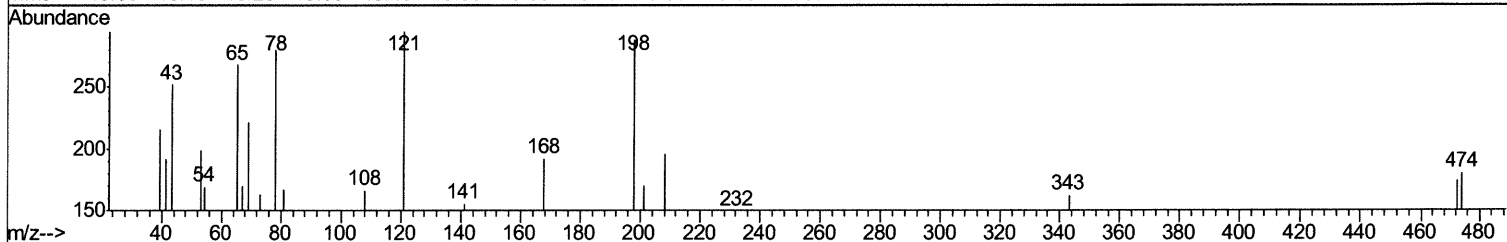
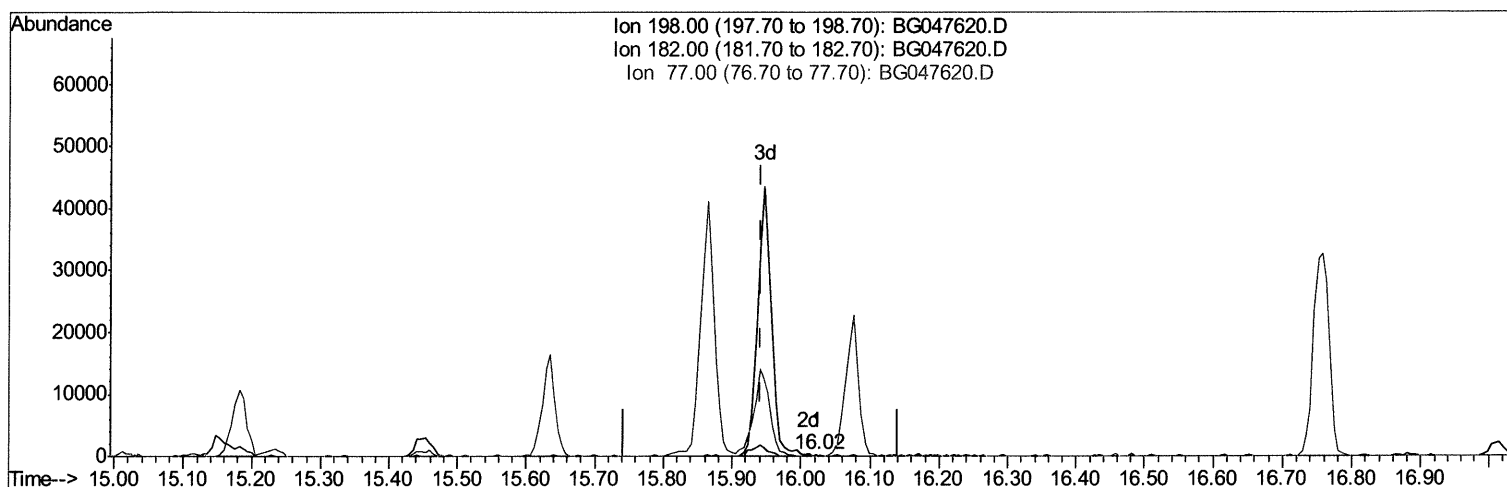
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TIC: BG047620.D

(64) 4,6-Dinitro-2-methylphenol

16.023min (+0.081) 0.08ng/ul

response 102

Ion	Exp%	Act%
198.00	100	100
182.00	2.20	0.00#
77.00	37.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

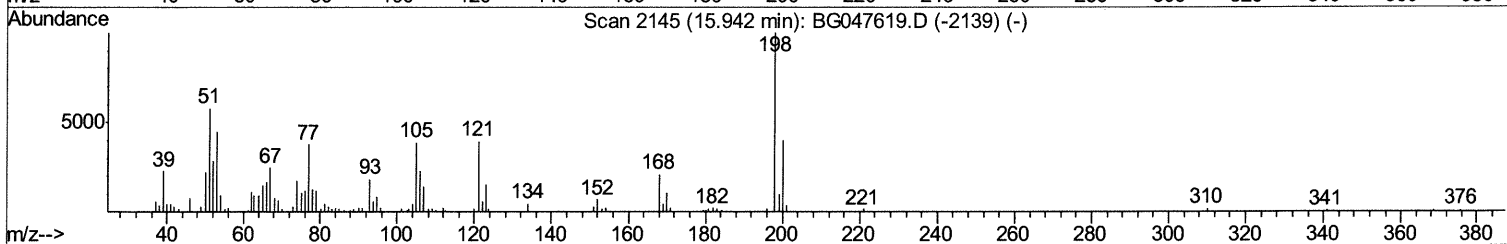
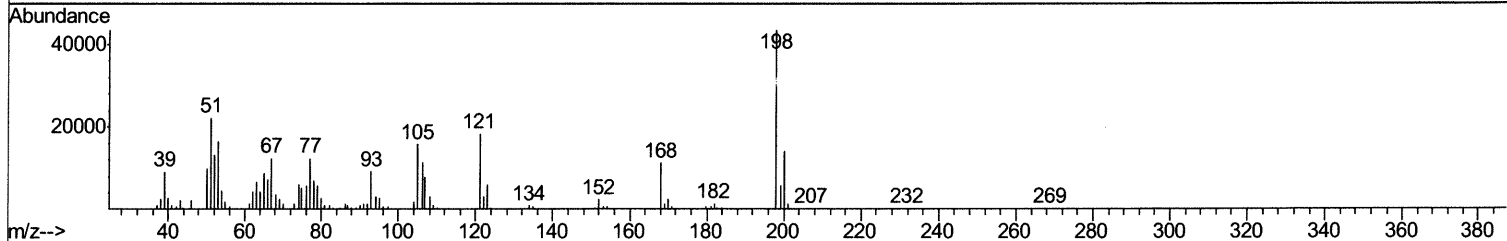
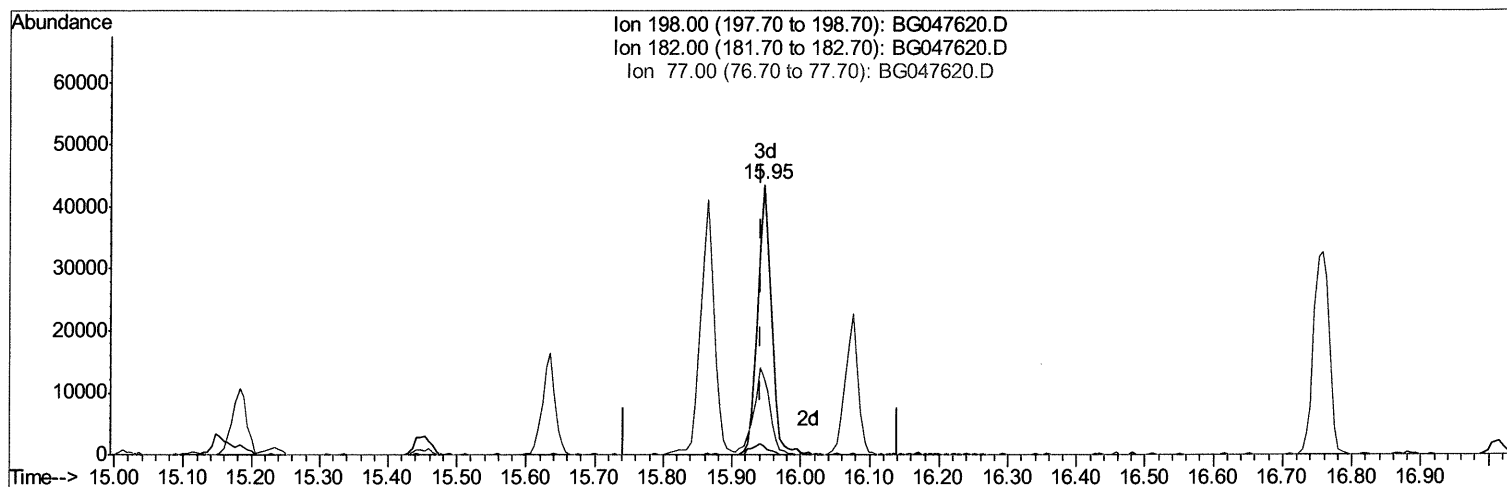
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TIC: BG047620.D

(64) 4,6-Dinitro-2-methylphenol

15.946min (+0.005) 47.35ng/ul m 12/09/20 JU

response 61646

Ion	Exp%	Act%
198.00	100	100
182.00	2.20	3.15#
77.00	37.70	28.45#
0.00	0.00	0.00

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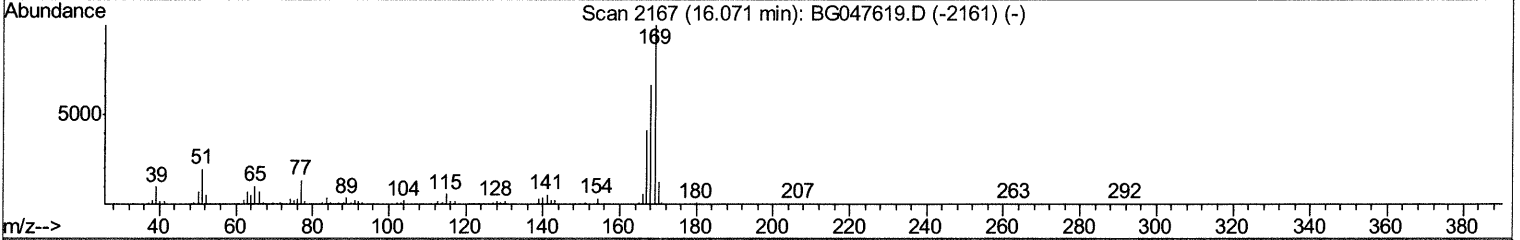
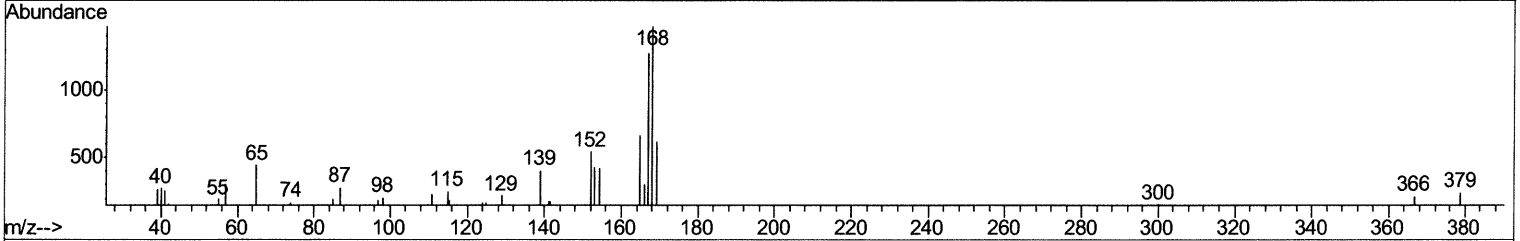
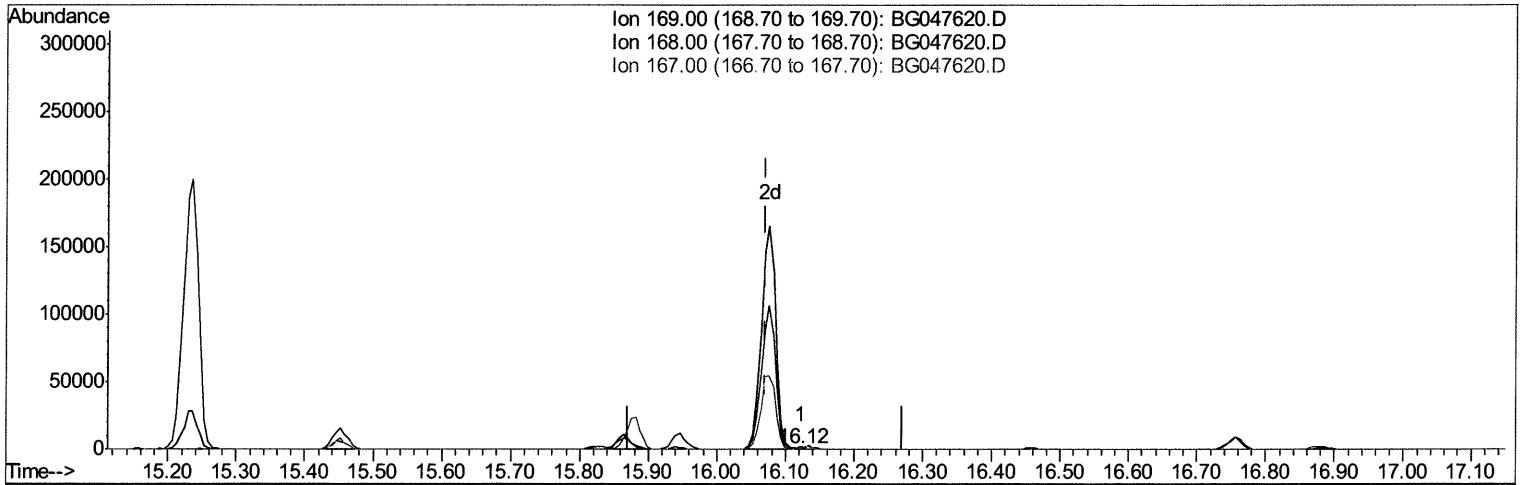
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(65) N-Nitrosodiphenylamine

16.123min (+0.052) 0.14ng/ul

response 865

Ion	Exp%	Act%
169.00	100	100
168.00	66.20	238.57#
167.00	41.60	206.81#
0.00	0.00	0.00

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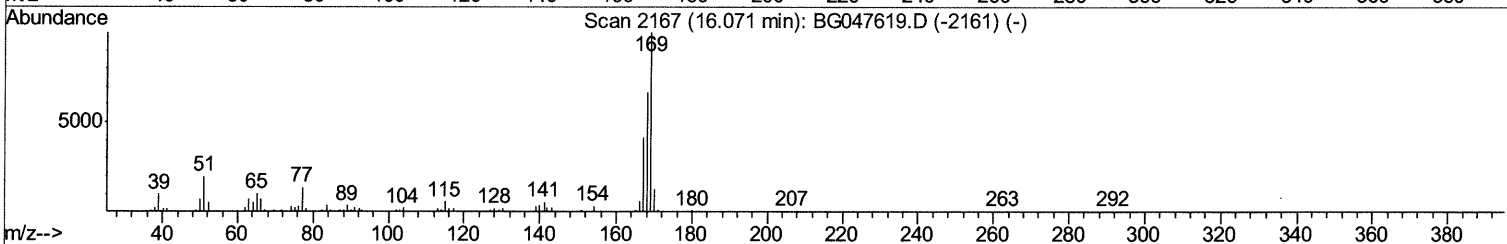
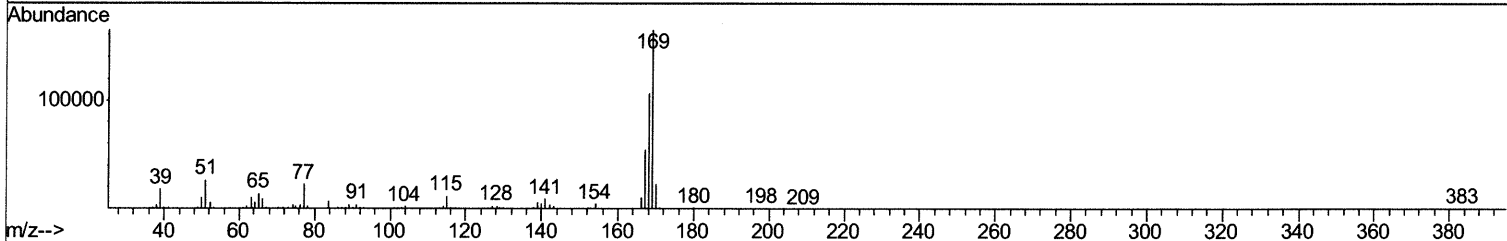
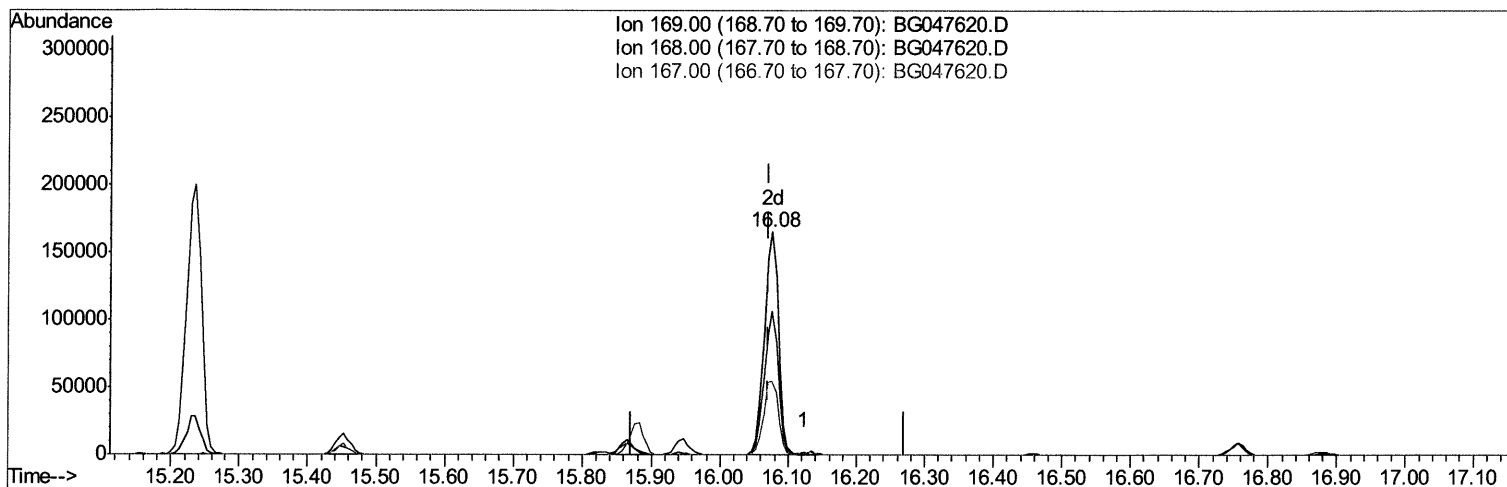
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TIC: BG047620.D

(65) N-Nitrosodiphenylamine

16.076min (+0.005) 38.20ng/ul m 12/9/2020

response 238288

Ion	Exp%	Act%
169.00	100	100
168.00	66.20	64.38
167.00	41.60	32.82#
0.00	0.00	0.00

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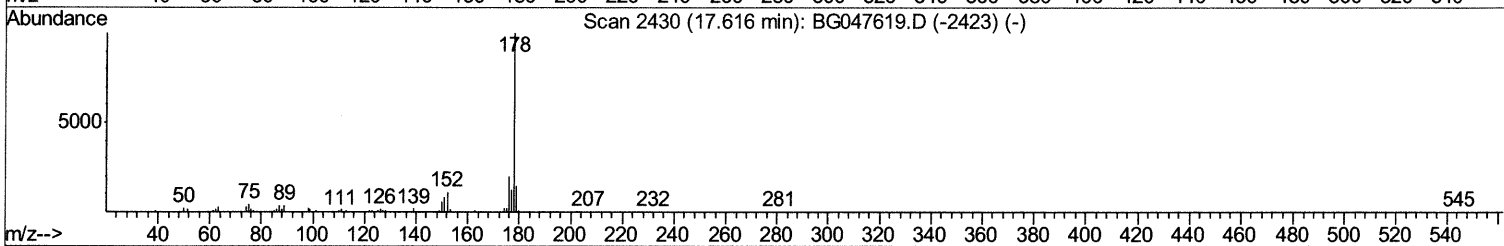
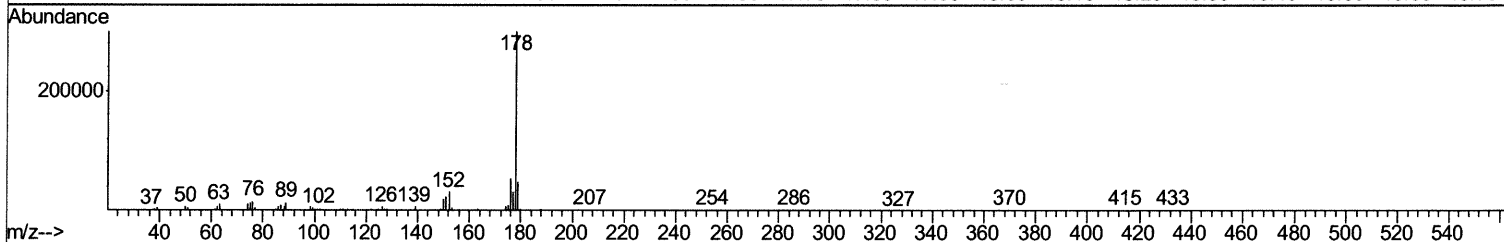
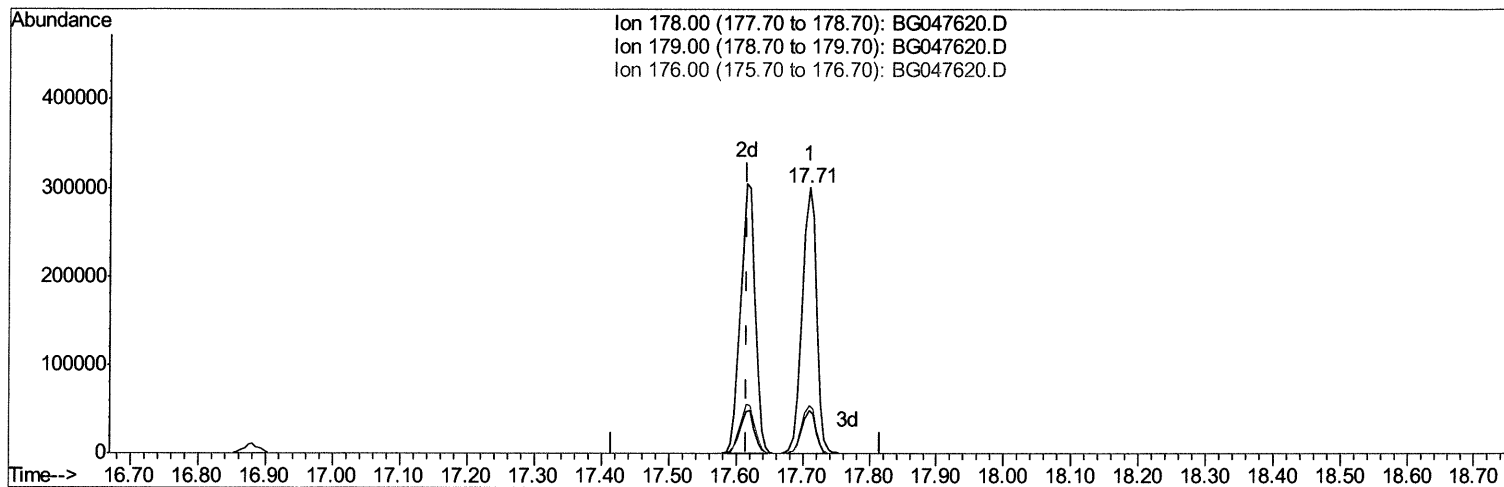
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TIC: BG047620.D

(70) Phenanthrene
 17.709min (+0.093) 38.16ng/ul
 response 450381

Ion	Exp%	Act%
178.00	100	100
179.00	14.50	15.94
176.00	19.80	18.06
0.00	0.00	0.00

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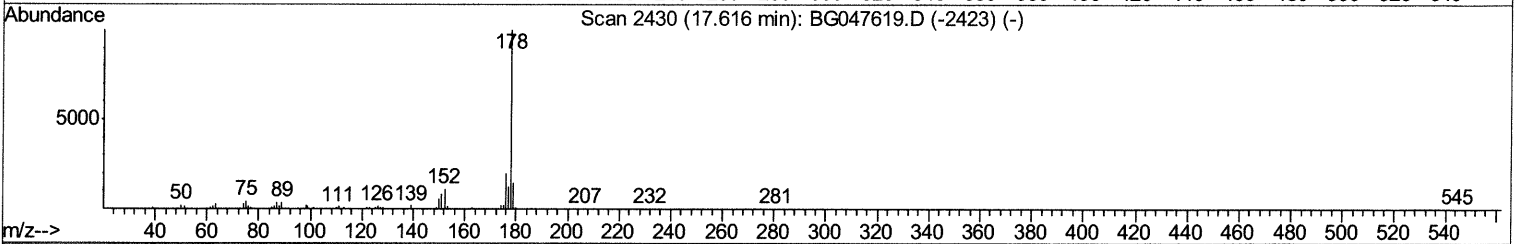
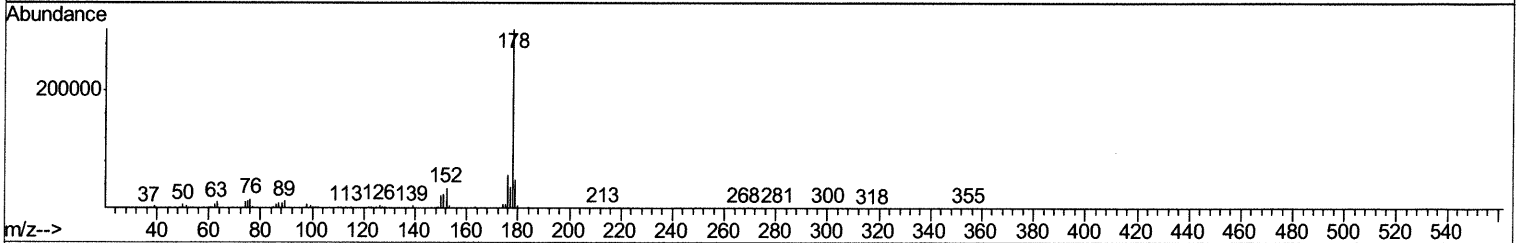
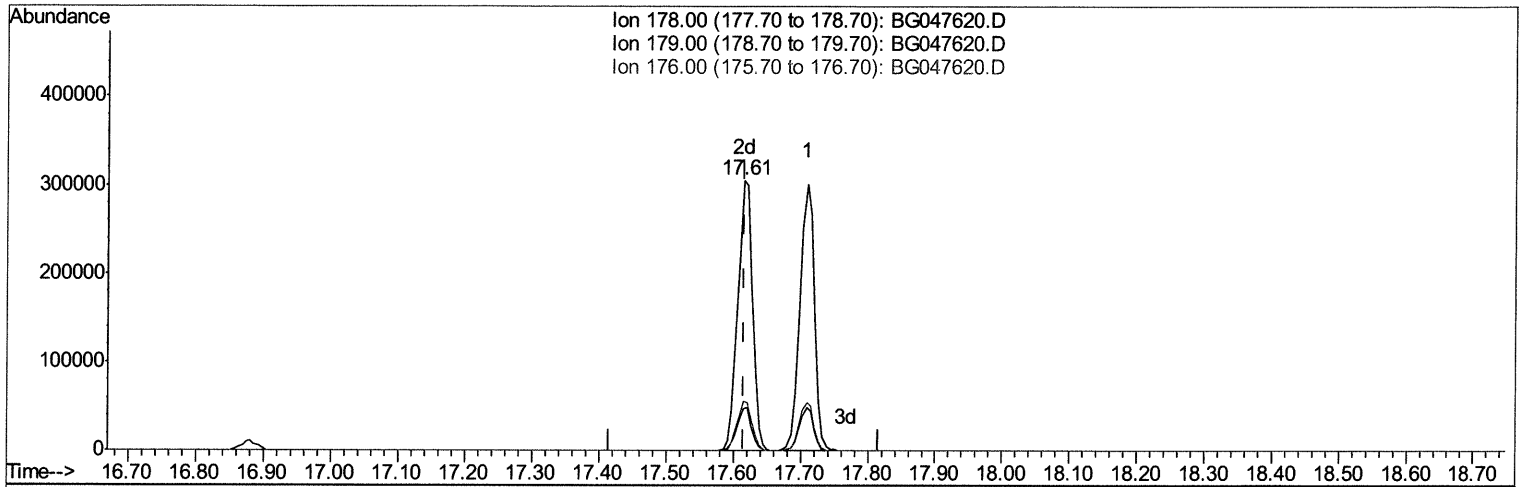
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TIC: BG047620.D

(70) Phenanthrene

17.615min (-0.001) 39.19ng/ul m 12/09/20 JU

response 462539

Ion	Exp%	Act%
178.00	100	100
179.00	14.50	15.50
176.00	19.80	18.23
0.00	0.00	0.00

Quantitation Report (Qedit)

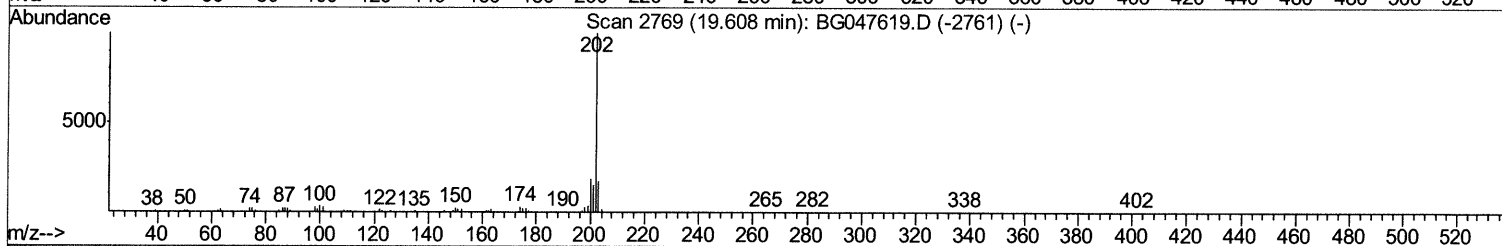
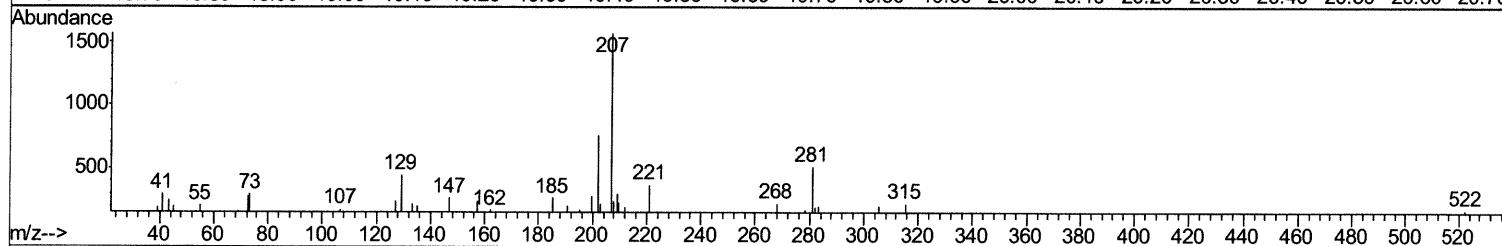
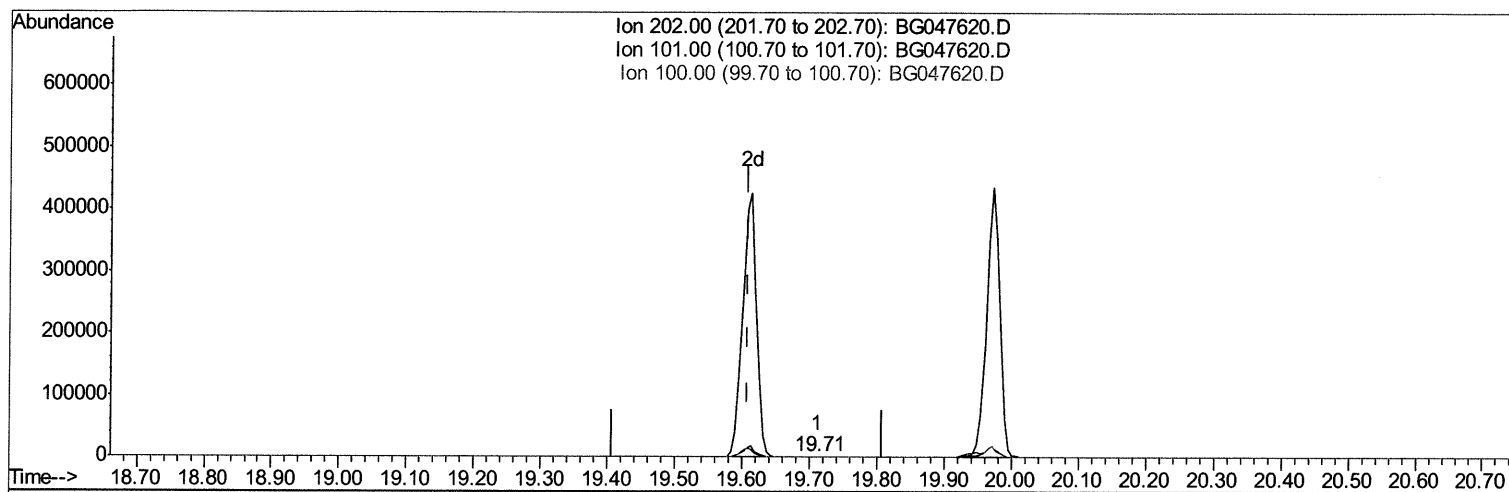
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047620.D
Acq On : 7 Dec 2020 16:25
Operator : CG/JU
Sample : SST04028
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD04028

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 16:26:47 2020
Response via : Initial Calibration



TIC: BG047620.D

(77) Fluoranthene (C)

19.712min (+0.105) 0.05ng/ul

response 780

Ion	Exp%	Act%
202.00	100	100
101.00	3.00	0.00#
100.00	3.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

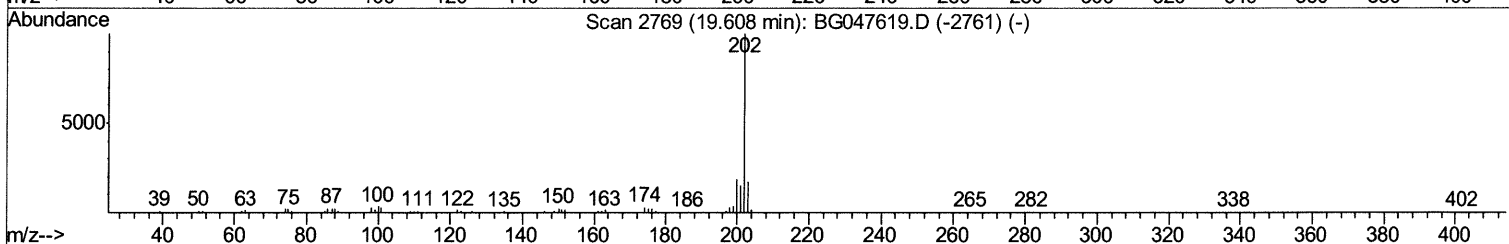
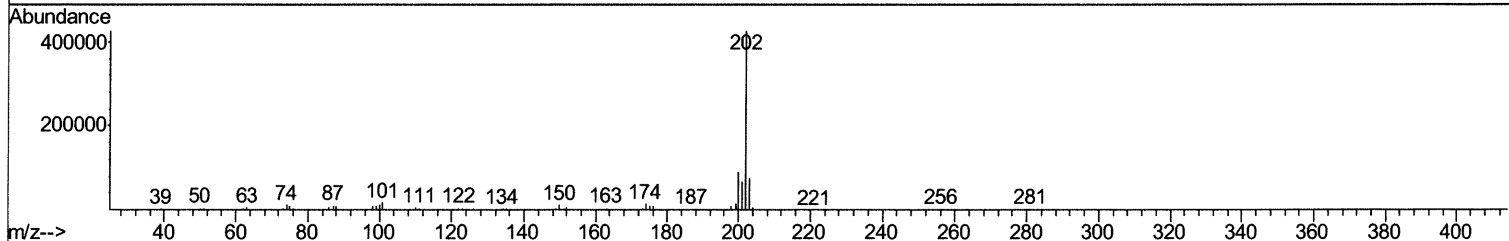
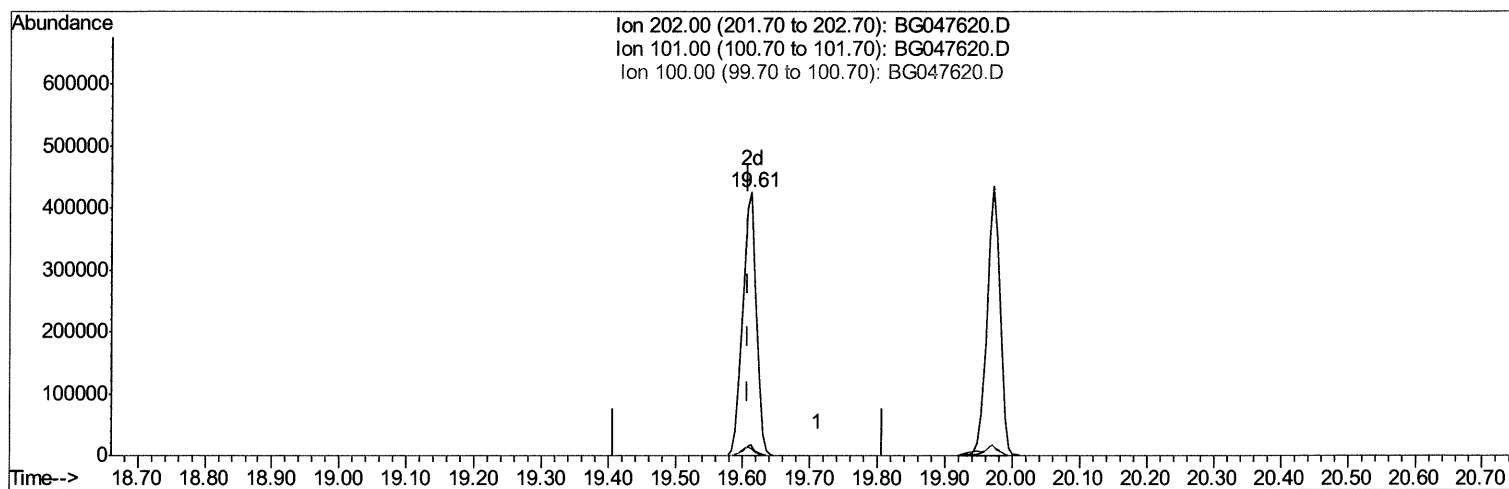
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047620.D
Acq On : 7 Dec 2020 16:25
Operator : CG/JU
Sample : SSTD04028
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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Response via : Initial Calibration



TIC: BG047620.D

(77) Fluoranthene (C)

19.613min (+0.005) 40.54ng/ul m 12/09/2020

response 604249

Ion	Exp%	Act%
202.00	100	100
101.00	3.00	4.06#
100.00	3.20	2.92
0.00	0.00	0.00

Quantitation Report (Qedit)

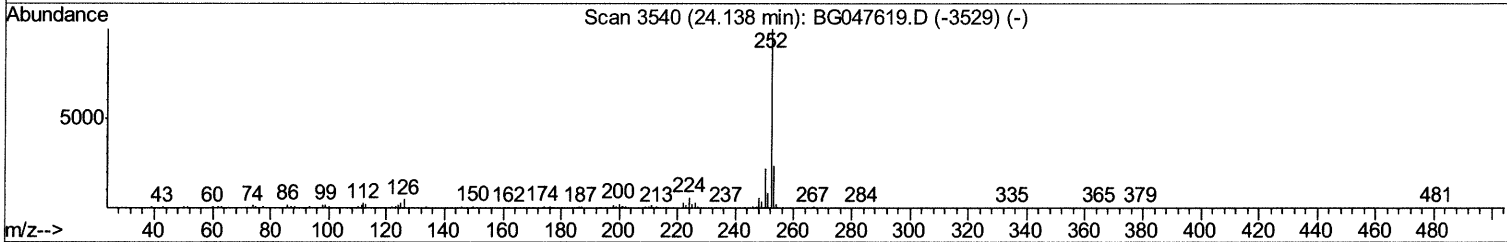
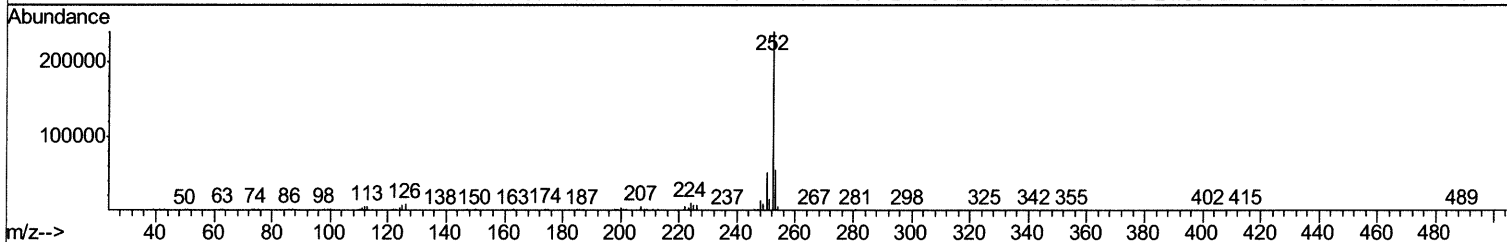
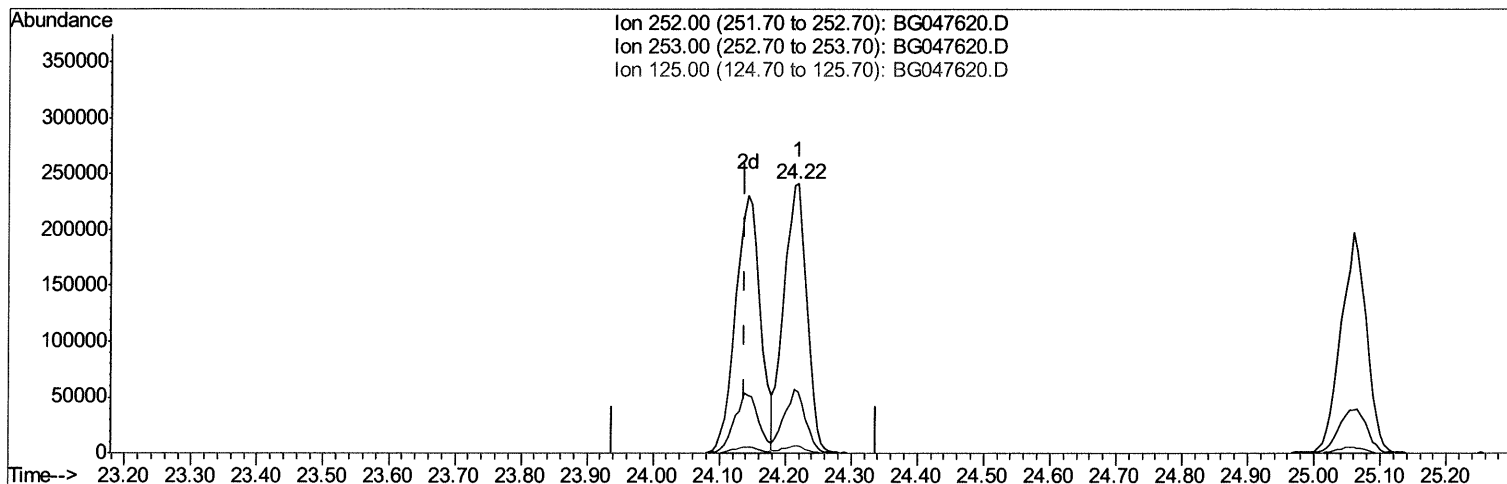
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
 Data File : BG047620.D
 Acq On : 7 Dec 2020 16:25
 Operator : CG/JU
 Sample : SST04028
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
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TIC: BG047620.D

(88) Benzo(b)fluoranthene
 24.219min (+0.081) 38.94ng/ui
 response 585522

Ion	Exp%	Act%
252.00	100	100
253.00	23.40	22.93
125.00	3.20	2.57
0.00	0.00	0.00

Quantitation Report (Qedit)

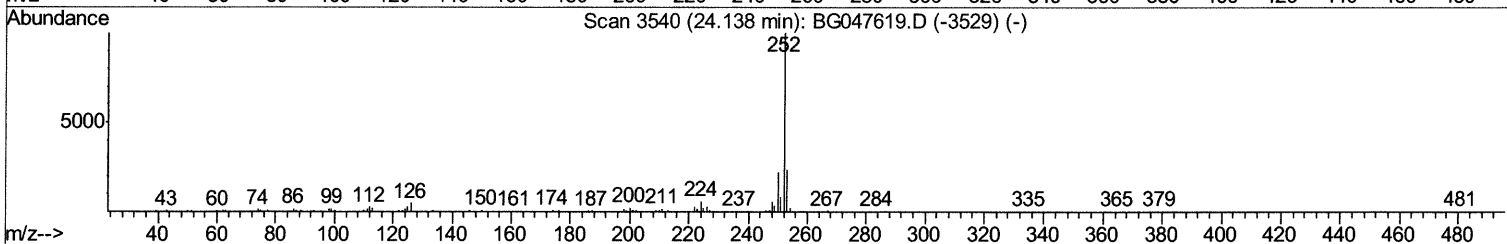
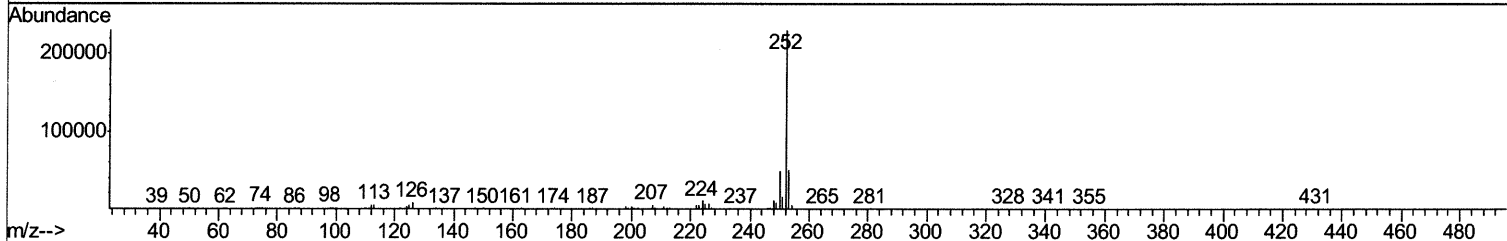
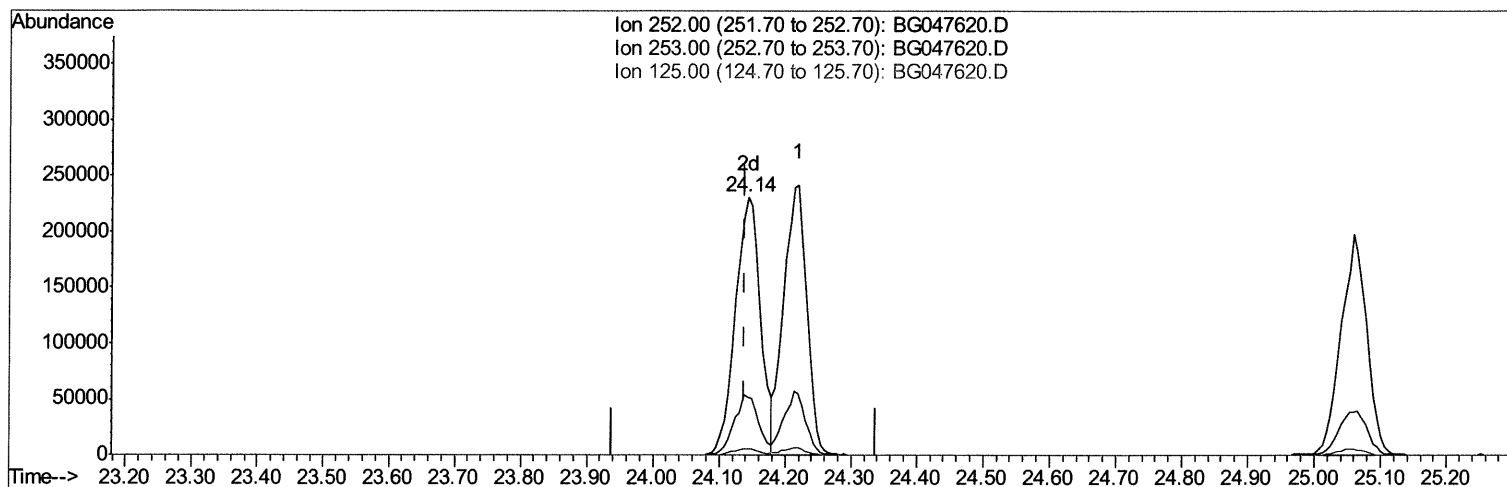
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047620.D
Acq On : 7 Dec 2020 16:25
Operator : CG/JU
Sample : SST04028
Misc :
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TIC: BG047620.D

(88) Benzo(b)fluoranthene

24.143min (+0.005) 40.30ng/ul m 12/09/20 JU

response 605961

Ion	Exp%	Act%
252.00	100	100
253.00	23.40	22.16
125.00	3.20	2.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

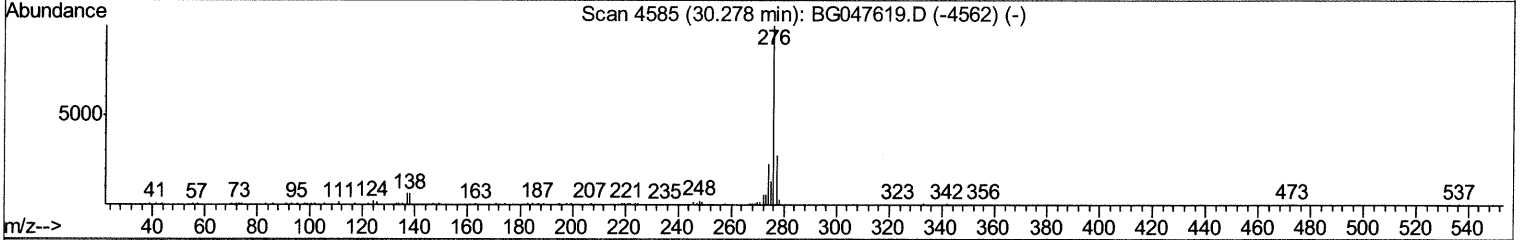
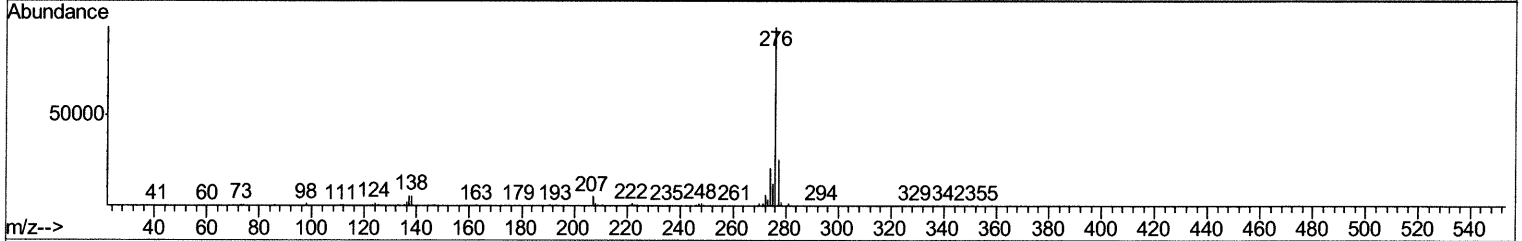
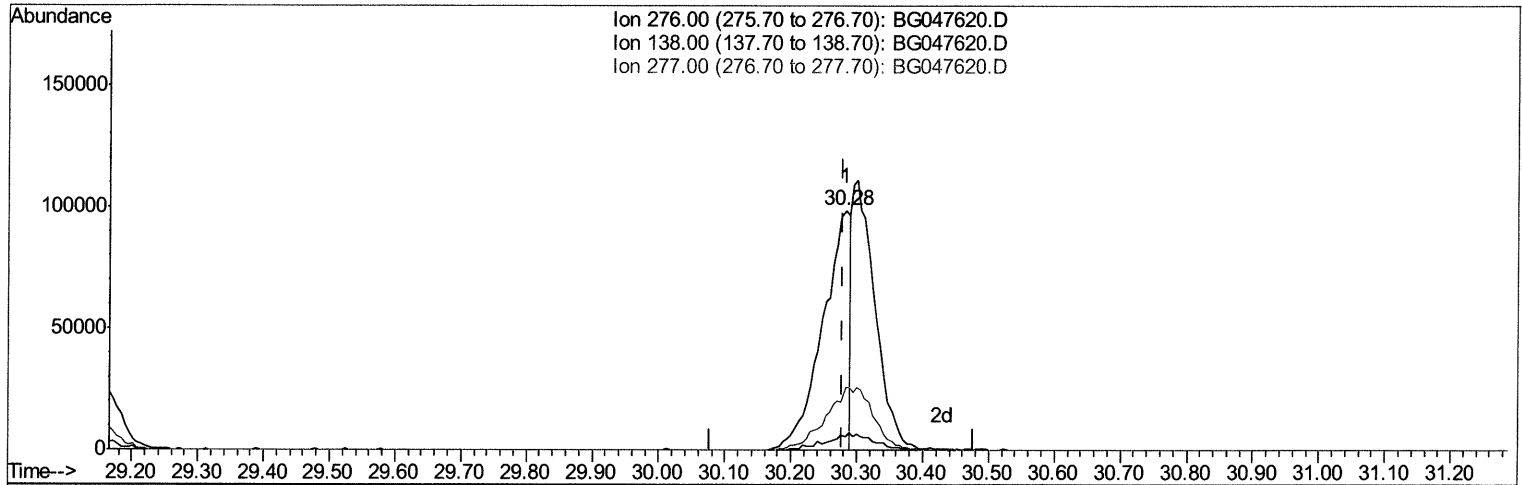
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
 Data File : BG047620.D
 Acq On : 7 Dec 2020 16:25
 Operator : CG/JU
 Sample : SSTD04028
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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TIC: BG047620.D

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

30.282min (+0.005) 21.08ng/ul

response 283587

Ion	Exp%	Act%
276.00	100	100
138.00	5.90	5.73
277.00	27.40	25.89
0.00	0.00	0.00

Quantitation Report (Qedit)

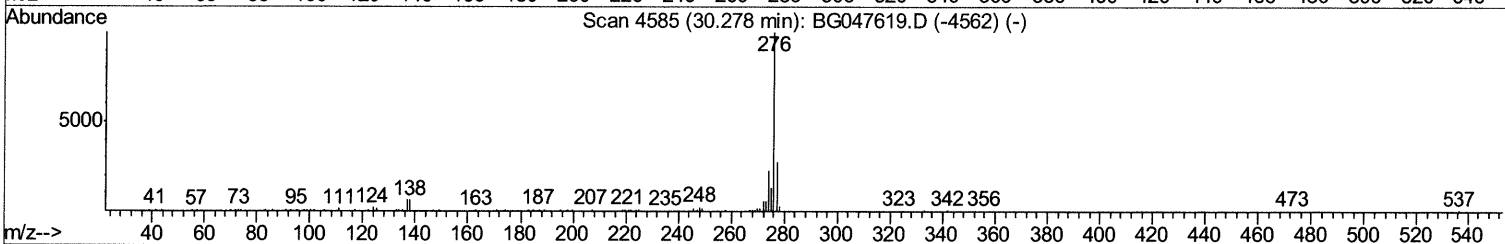
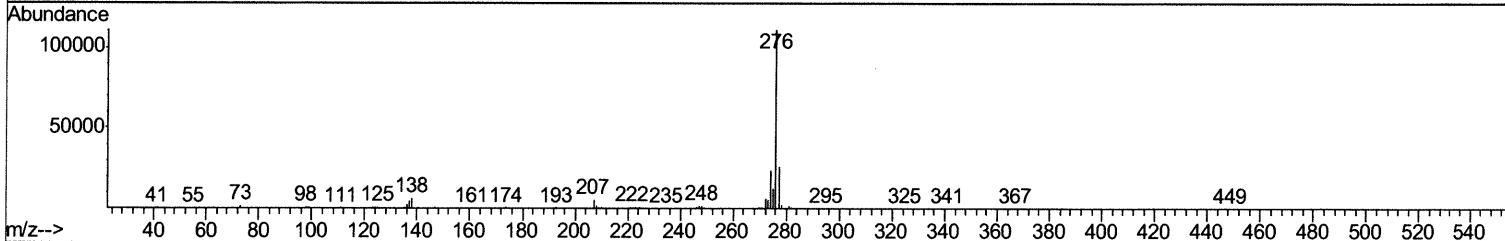
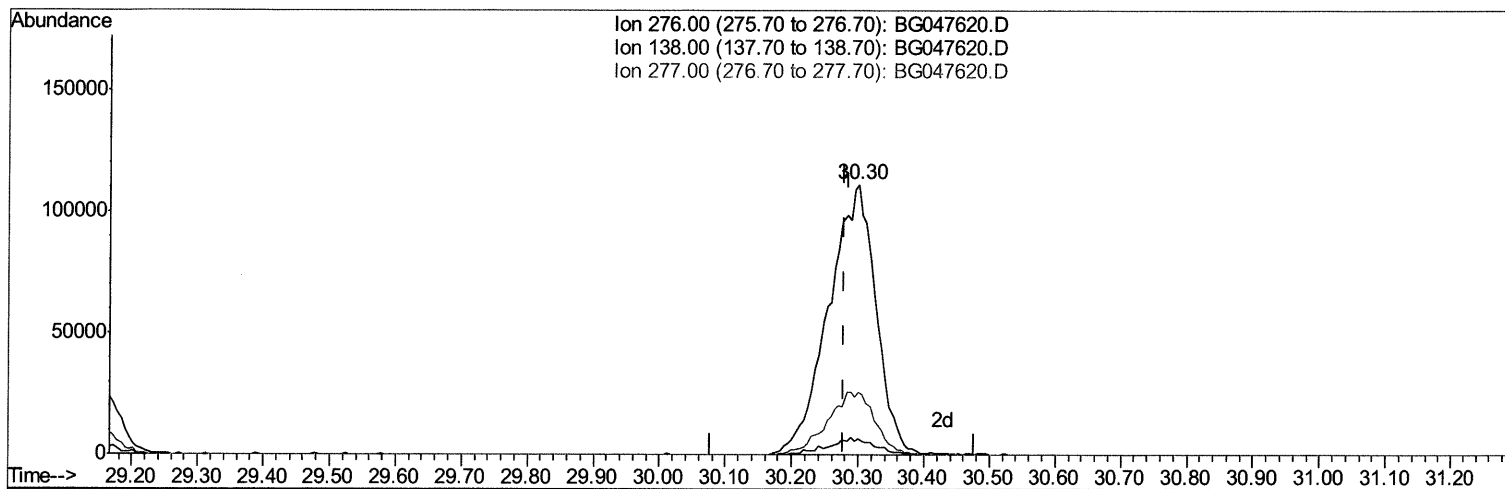
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047620.D
Acq On : 7 Dec 2020 16:25
Operator : CG/JU
Sample : SST04028
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BG047620.D

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

30.300min (+0.022) 40.83ng/ul m 12/09/20 JU

response 549285

Ion	Exp%	Act%
276.00	100	100
138.00	5.90	5.82
277.00	27.40	23.32
0.00	0.00	0.00

Quantitation Report (Qedit)

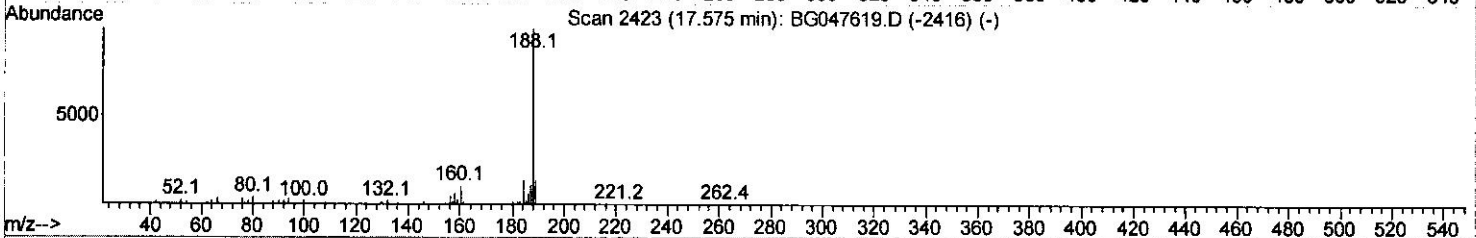
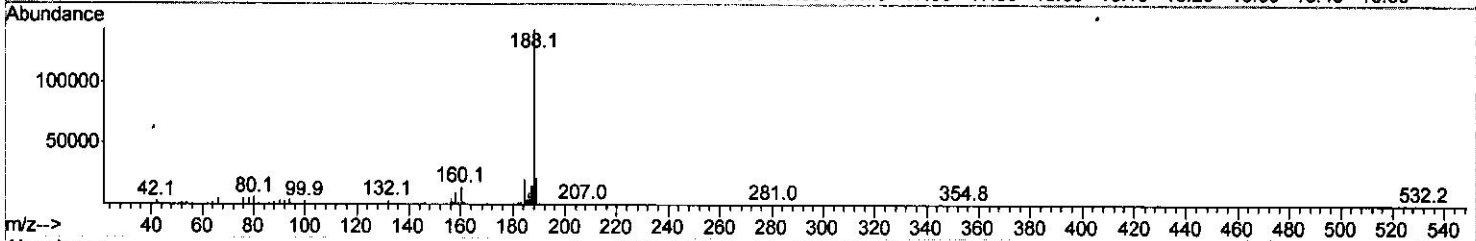
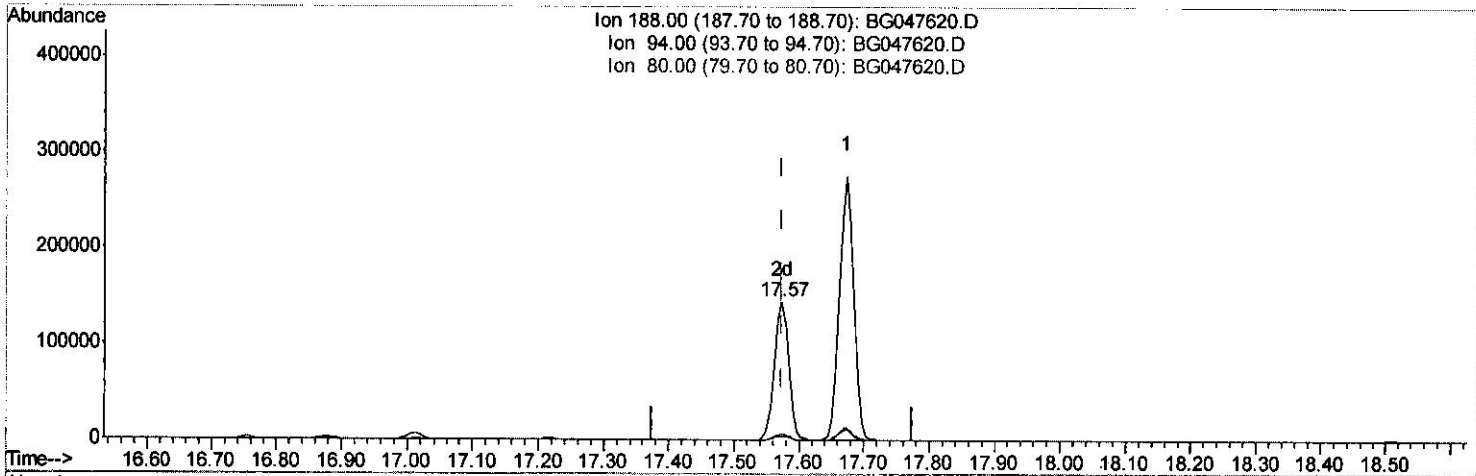
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 Data File : BG047620.D
 Acq On : 7 Dec 2020 16:25
 Operator : CG/JU
 Sample : SST04028
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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(62) Phenanthrene-d10 (I)

17.574min (-0.001) 20.00ng/ul m } 12/09/20 JU

response 218561

Ion	Exp%	Act%
188.00	100	100
94.00	3.60	2.73#
80.00	4.20	4.00
0.00	0.00	0.00

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 Data File : BG047620.D
 Acq On : 7 Dec 2020 16:25
 Operator : CG/JU
 Sample : SST04028
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Manual Integrations
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 16:26:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	25204	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	103924	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	81911	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	218561m>	20.00	ng/ul>	0.00
78) Chrysene-d12	21.85	240	207109	20.00	ng/ul	0.00
86) Perylene-d12	25.22	264	212970	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	7836	11.30	ng/uL	0.00
5) Phenol-d5	7.36	99	93408	36.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	47385	32.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	70682	41.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	74715	38.47	ng/ul	0.01
19) Nitrobenzene-d5	9.39	128	32757	38.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	40873	43.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	90479	42.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	94896	43.76	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	283700	40.34	ng/ul	0.00
47) Acenaphthylene-d8	14.54	160	324590	39.94	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	43041	40.12	ng/ul	0.00
58) Fluorene-d10	15.82	176	259973	40.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	58554m>	47.07	ng/ul>	0.00
71) Anthracene-d10	17.67	188	415884	38.36	ng/ul	0.00
79) Pyrene-d10	19.94	212	482398	40.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.99	264	497822	40.61	ng/ul	0.02

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.57	88	8036m>	11.232	ng/uL>	
4) Benzaldehyde	7.34	77	56627	37.929	ng/ul	95
6) Phenol	7.38	94	87553	36.155	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.63	93	59653	33.371	ng/ul	86
10) 2-Chlorophenol	7.78	128	70580	41.255	ng/ul	96
11) 2-Methylphenol	8.65	108	68418	36.368	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.73	45	57052	30.343	ng/ul#	81
14) Acetophenone	9.04	105	117532	39.286	ng/ul	89
15) N-Nitroso-di-n-propylamine	9.03	70	66456	36.820	ng/ul	95
16) 4-Methylphenol	8.98	108	76777	38.886	ng/ul#	77
17) Hexachloroethane	9.31	117	32222	40.078	ng/ul	89
20) Nitrobenzene	9.43	77	103131	37.146	ng/ul	99
21) Isophorone	9.95	82	185644	35.083	ng/ul	97
23) 2-Nitrophenol	10.14	139	45161	44.352	ng/ul#	83
24) 2,4-Dimethylphenol	10.19	107	100313	38.810	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.43	93	84639	33.254	ng/ul	93
27) 2,4-Dichlorophenol	10.68	162	78706	41.337	ng/ul#	94
28) Naphthalene	11.09	128	228161	38.762	ng/ul	98
30) 4-Chloroaniline	11.19	127	88046	42.598	ng/ul	99
31) Hexachlorobutadiene	11.38	225	77785	43.424	ng/ul	95
32) Caprolactam	11.95	113	26832m>	38.664	ng/ul>	
33) 4-Chloro-3-methylphenol	12.29	107	89322	37.960	ng/ul	90
34) 2-Methylnaphthalene	12.69	142	177803	40.763	ng/ul	90

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.90	142	205481	40.080	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	131578	40.879	ng/uL	97
38) Hexachlorocyclopentadiene	13.03	237	94237	42.075	ng/uL	98
39) 2,4,6-Trichlorophenol	13.27	196	87054	43.553	ng/uL	97
40) 2,4,5-Trichlorophenol	13.35	196	84334	40.639	ng/uL#	75
41) 1,1'-Biphenyl	13.67	154	250057	39.356	ng/uL	91
42) 2-Chloronaphthalene	13.73	162	196743	39.064	ng/uL	93
43) 2-Nitroaniline	13.91	65	72984	39.842	ng/uL	96
45) Dimethylphthalate	14.28	163	288446	40.215	ng/uL	98
46) 2,6-Dinitrotoluene	14.40	165	62043	45.170	ng/uL	99
48) Acenaphthylene	14.56	152	298112	39.468	ng/uL	98
49) 3-Nitroaniline	14.72	138	46314	43.181	ng/uL#	94
50) Acenaphthene	14.90	153	210517	39.735	ng/uL	96
51) 2,4-Dinitrophenol	14.93	184	40115	54.808	ng/uL	94
53) 4-Nitrophenol	15.02	109	72383	46.601	ng/uL	98
54) Dibenzofuran	15.24	168	309689	39.797	ng/uL	92
55) 2,4-Dinitrotoluene	15.18	165	87556	44.928	ng/uL	96
56) 2,3,4,6-Tetrachlorophenol	15.45	232	85613	43.078	ng/uL	95
57) Diethylphthalate	15.63	149	283010	40.220	ng/uL	96
59) Fluorene	15.88	166	262017	39.967	ng/uL	93
60) 4-Chlorophenyl-phenylether	15.86	204	168151	42.700	ng/uL	94
61) 4-Nitroaniline	15.89	138	52378	41.708	ng/uL#	77
64) 4,6-Dinitro-2-methylphenol	15.95	198	61646m	47.352	ng/uL	12/09/20 JU
65) N-Nitrosodiphenylamine	16.08	169	238288m	38.195	ng/uL	3
66) 4-Bromophenyl-phenylether	16.76	248	112098	40.374	ng/uL	96
67) Hexachlorobenzene	16.88	284	120590	41.518	ng/uL	93
68) Atrazine	17.02	200	113992	41.513	ng/uL	94
69) Pentachlorophenol	17.22	266	56115	33.031	ng/uL	97
70) Phenanthrene	17.61	178	462539m	39.189	ng/uL	> 12/09/20 JU
72) Anthracene	17.71	178	448389	37.723	ng/uL	95
73) 1,2,3,4-Tetrachlorobenzene	13.65	216	137230	39.943	ng/uL	99
74) Pentachlorobenzene	15.15	250	133707	40.479	ng/uL	97
75) Carbazole	17.97	167	377141	39.334	ng/uL	96
76) Di-n-butylphthalate	18.51	149	460407	37.698	ng/uL	98
77) Fluoranthene	19.61	202	604249m	40.538	ng/uL	> 12/09/20 JU
80) Pyrene	19.97	202	589043	40.151	ng/uL#	97
81) Butylbenzylphthalate	20.83	149	198477	38.520	ng/uL	98
82) 3,3'-Dichlorobenzidine	21.73	252	215976	44.670	ng/uL#	99
83) Benzo(a)anthracene	21.83	228	578070	39.228	ng/uL	98
84) Bis(2-ethylhexyl)phthalate	21.72	149	280764	39.092	ng/uL	99
85) Chrysene	21.90	228	551231	39.308	ng/uL	100
87) Di-n-octyl phthalate	22.98	149	466743	39.570	ng/uL	100
88) Benzo(b)fluoranthene	24.14	252	605961m	40.298	ng/uL	> 12/09/20
89) Benzo(k)fluoranthene	24.22	252	585522	39.514	ng/uL	96
91) Benzo(a)pyrene	25.06	252	530189	39.553	ng/uL	97
92) Indeno(1,2,3-cd)pyrene	29.08	276	656177	40.243	ng/uL#	98
93) Dibenzo(a,h)anthracene	29.14	278	550108	41.149	ng/uL	99
94) Benzo(a,h,i)perylene	30.30	276	549285m	40.827	ng/uL	> 12/09/20 JU

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QLast Update : Mon Dec 07 16:26:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed