

Quantitation Report (QT Reviewed)

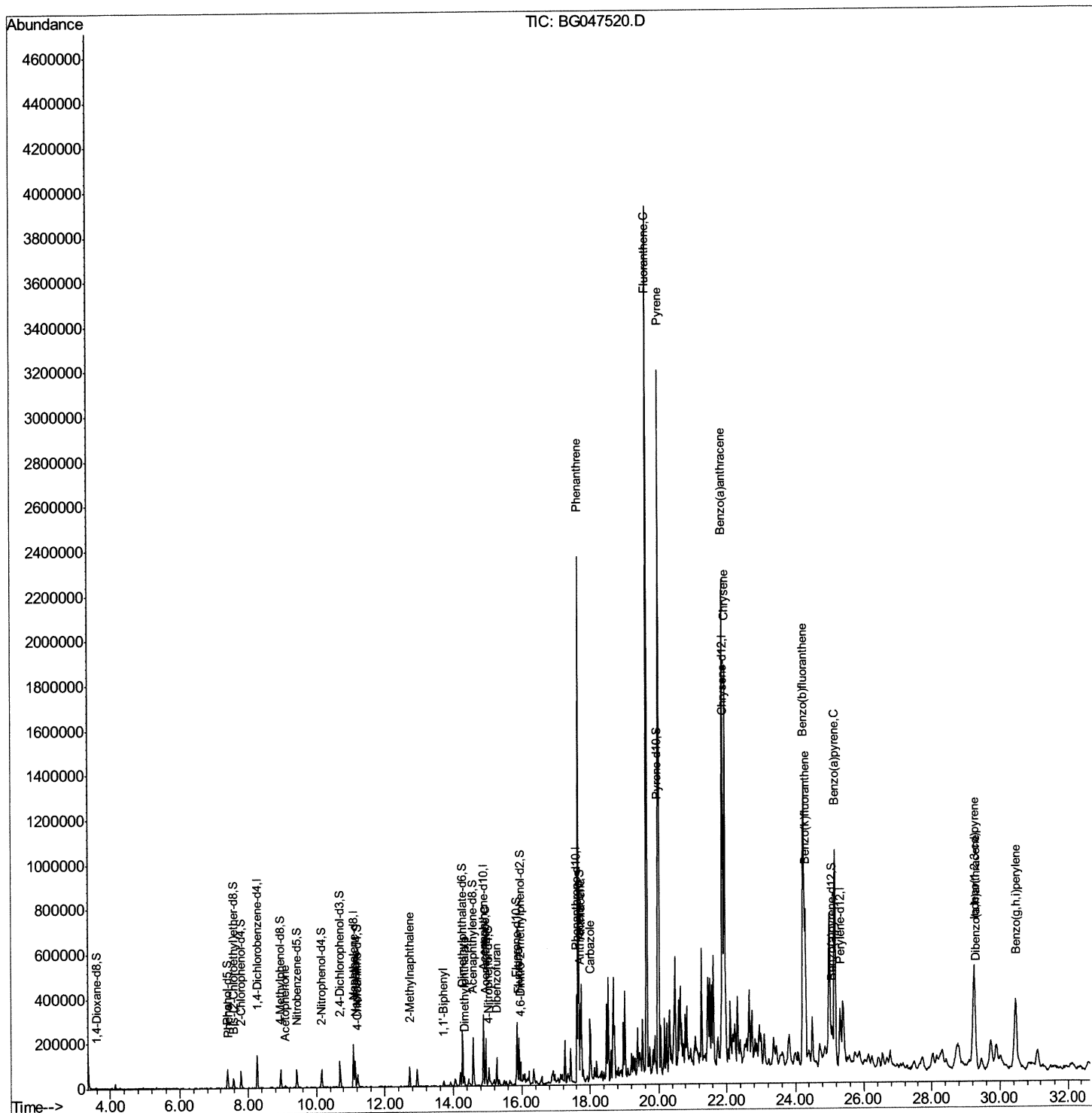
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047520.D
 Acq On : 2 Dec 2020 7:16
 Operator : CG/JU
 Sample : L4865-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B24

Quant Time: Dec 02 08:28:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration

Manual Integrations
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Quantitation Report (Qedit)

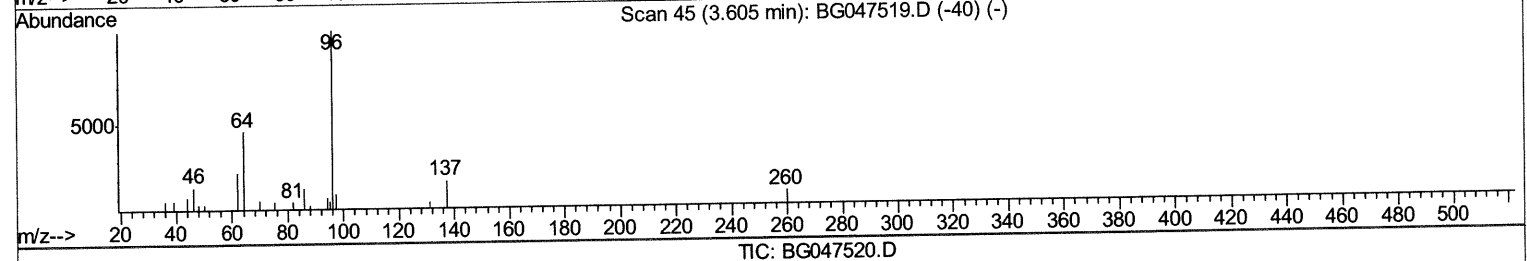
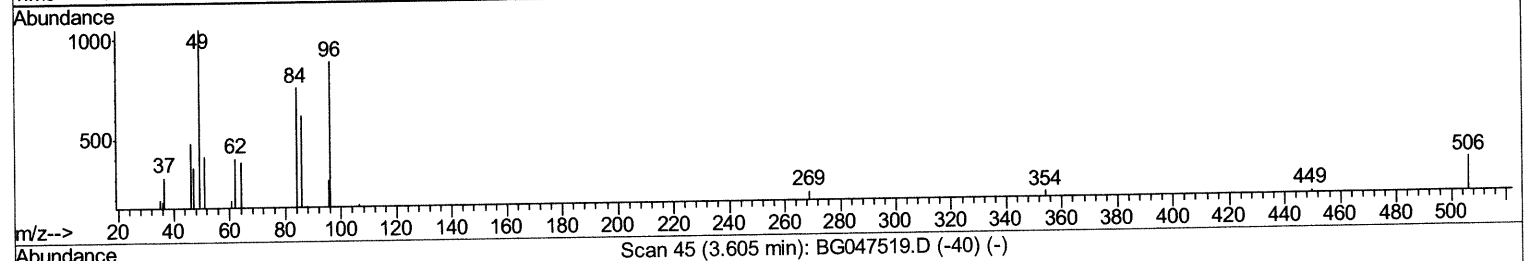
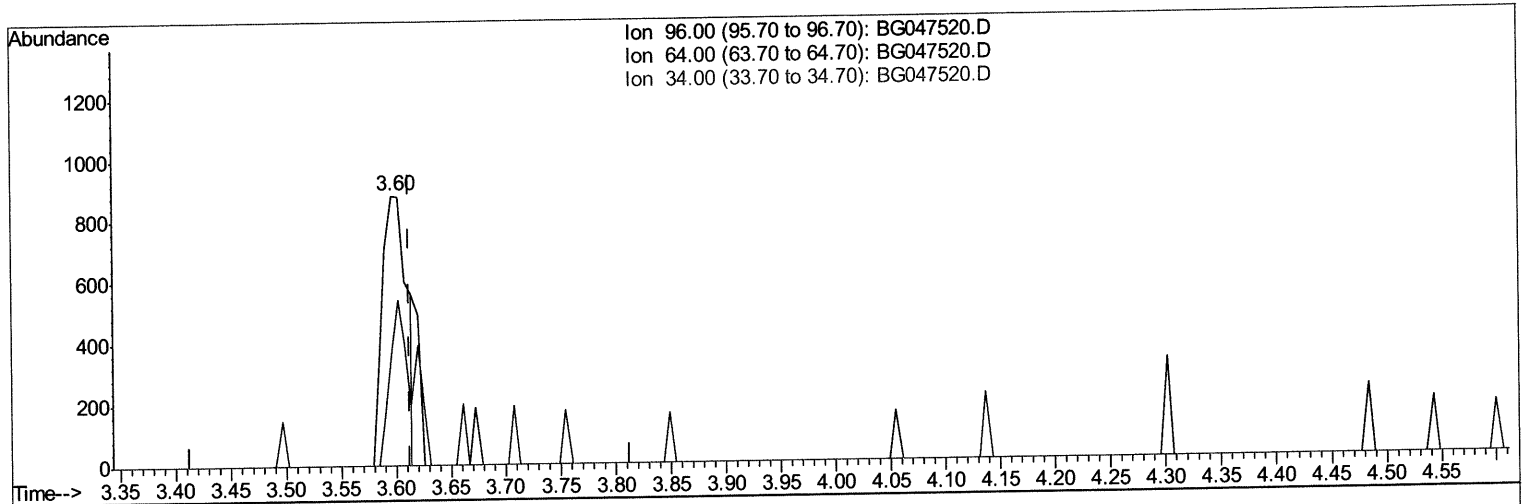
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047520.D
 Acq On : 2 Dec 2020 7:16
 Operator : CG/JU
 Sample : L4865-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 C0B24

Manual Integrations
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Quant Time: Dec 02 08:09:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)
 3.596min (-0.017) 1.42ng/uL
 response 1394

Ion	Exp%	Act%
96.00	100	100
64.00	88.60	43.54#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

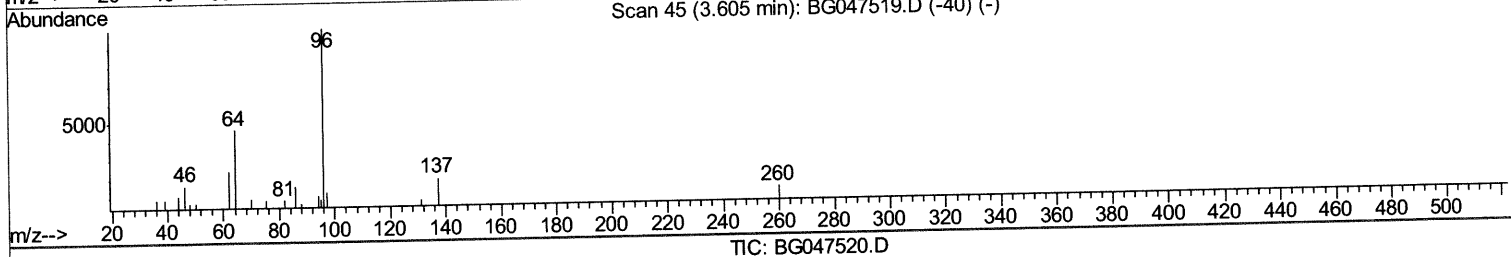
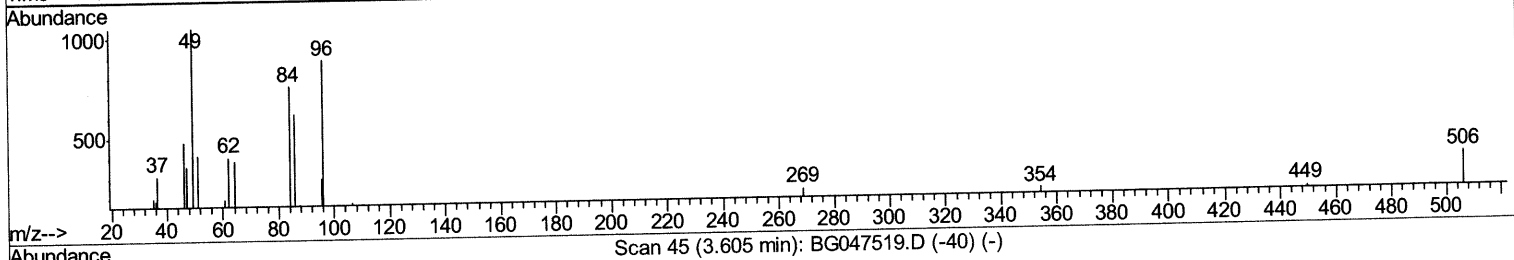
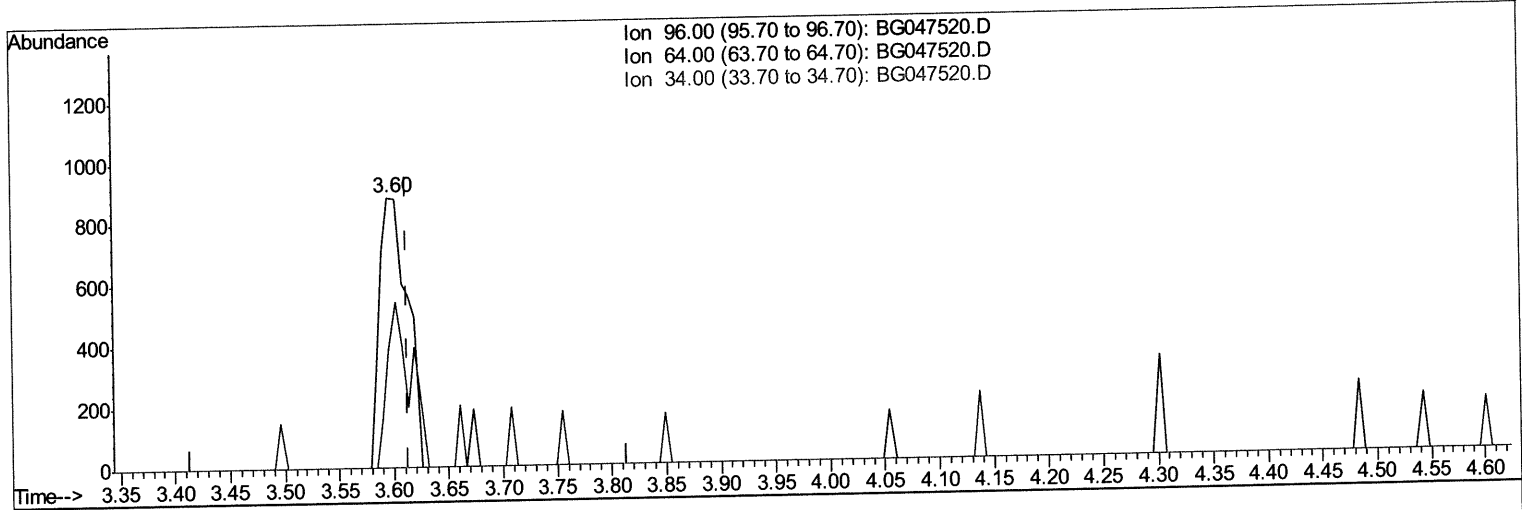
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047520.D
 Acq On : 2 Dec 2020 7:16
 Operator : CG/JU
 Sample : L4865-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Dec 02 08:09:00 2020
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.596min (-0.017) 1.60ng/uL m 12/04/20 JU

response 1569

Ion	Exp%	Act%
96.00	100	100
64.00	88.60	43.54#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

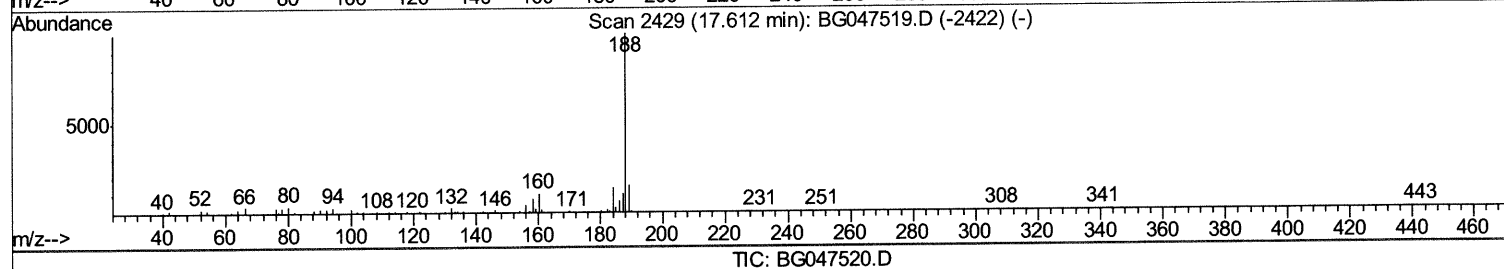
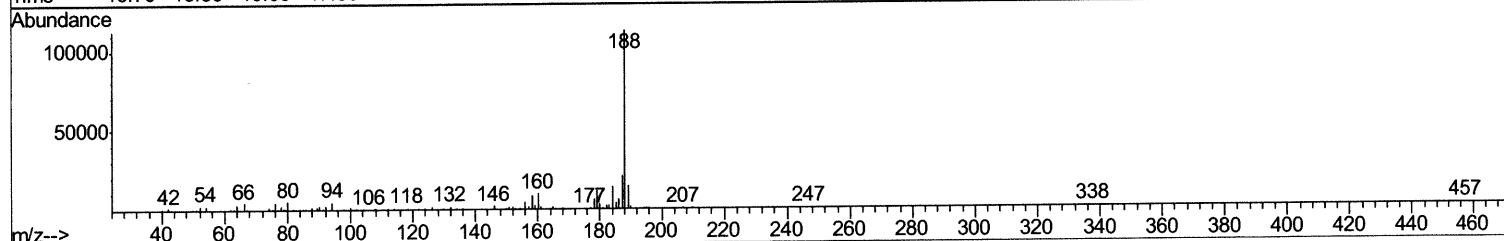
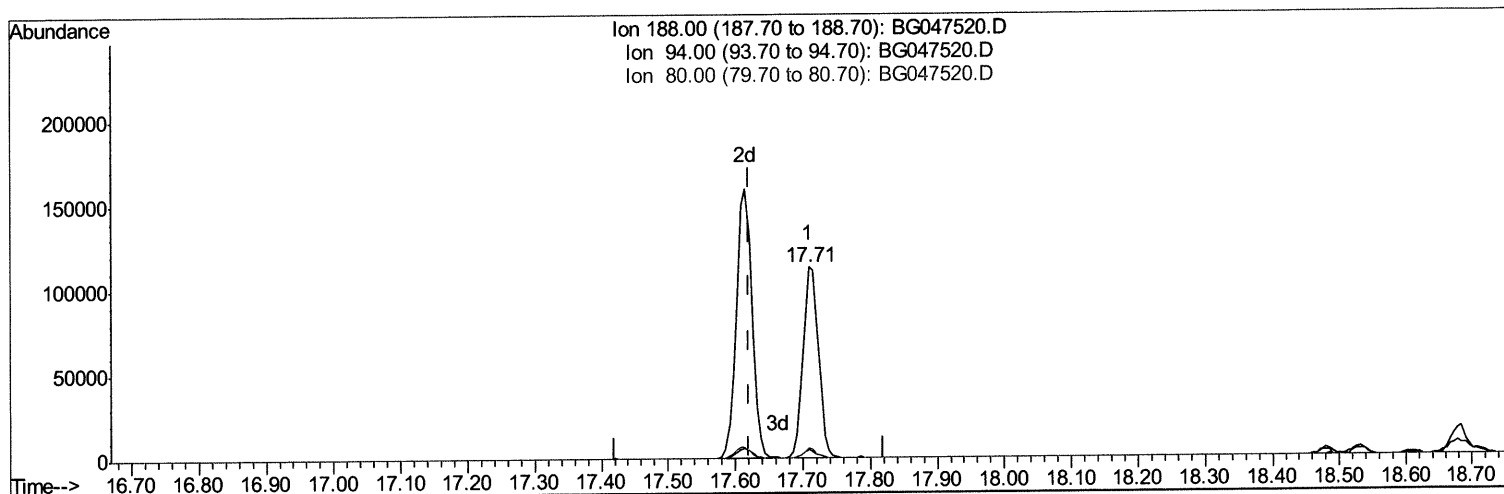
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047520.D
 Acq On : 2 Dec 2020 7:16
 Operator : CG/JU
 Sample : L4865-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 C0B24

Quant Time: Dec 02 08:11:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
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(62) Phenanthrene-d10 (I)

17.709min (+0.089) 20.00ng/ul

response 178198

Ion	Exp%	Act%
188.00	100	100
94.00	4.60	4.27
80.00	5.30	4.90
0.00	0.00	0.00

Quantitation Report (Qedit)

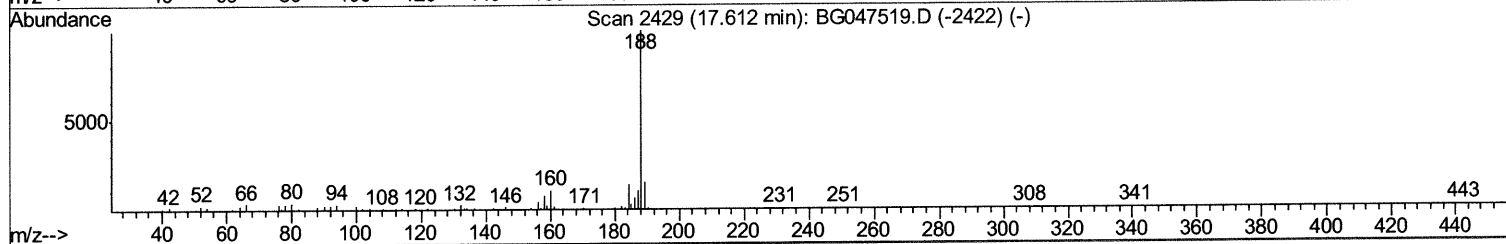
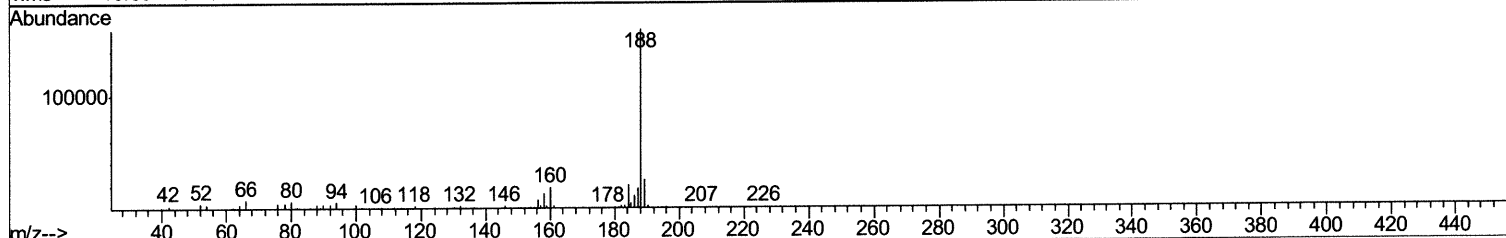
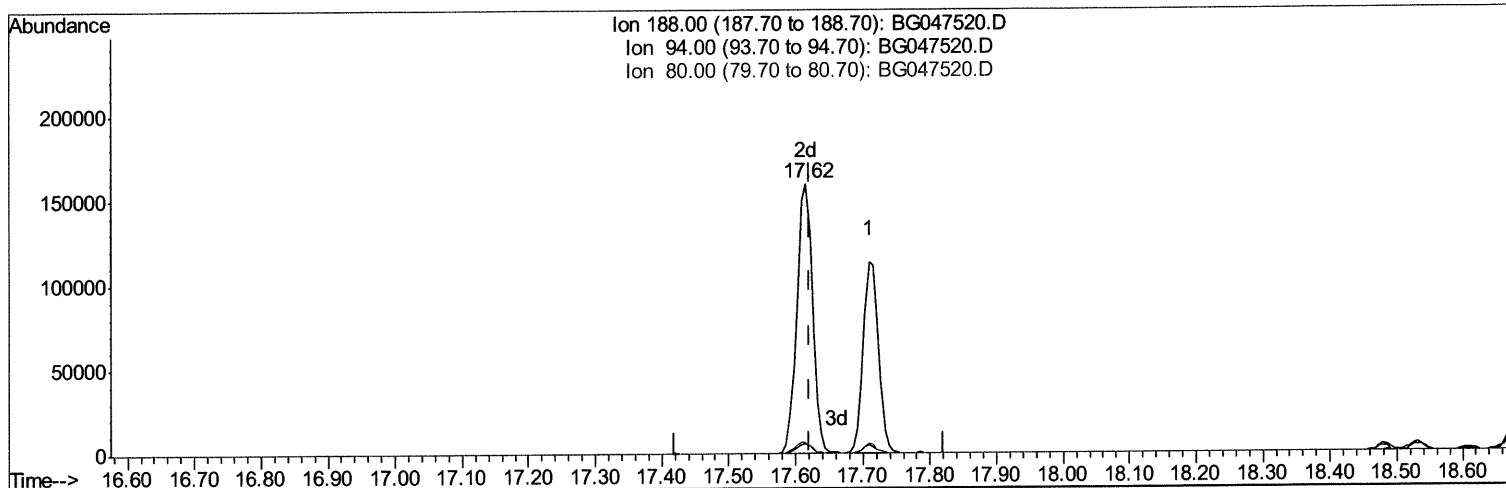
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047520.D
 Acq On : 2 Dec 2020 7:16
 Operator : CG/JU
 Sample : L4865-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Dec 02 08:11:31 2020
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TIC: BG047520.D

(62) Phenanthrene-d10 (I)

17.615min (-0.005) 20.00ng/ul m 12/04/2020

response 256253

Ion	Exp%	Act%
188.00	100	100
94.00	4.60	3.48#
80.00	5.30	3.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

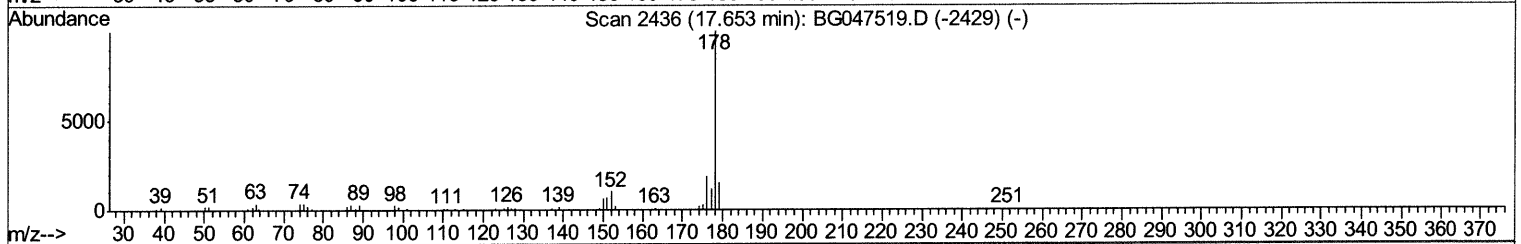
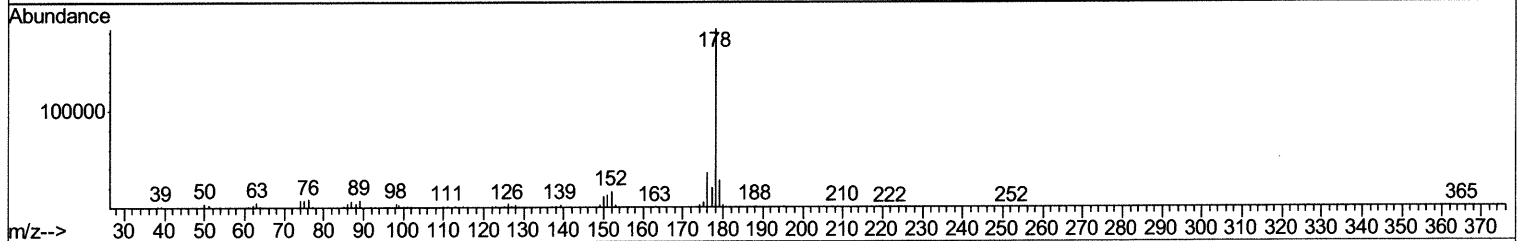
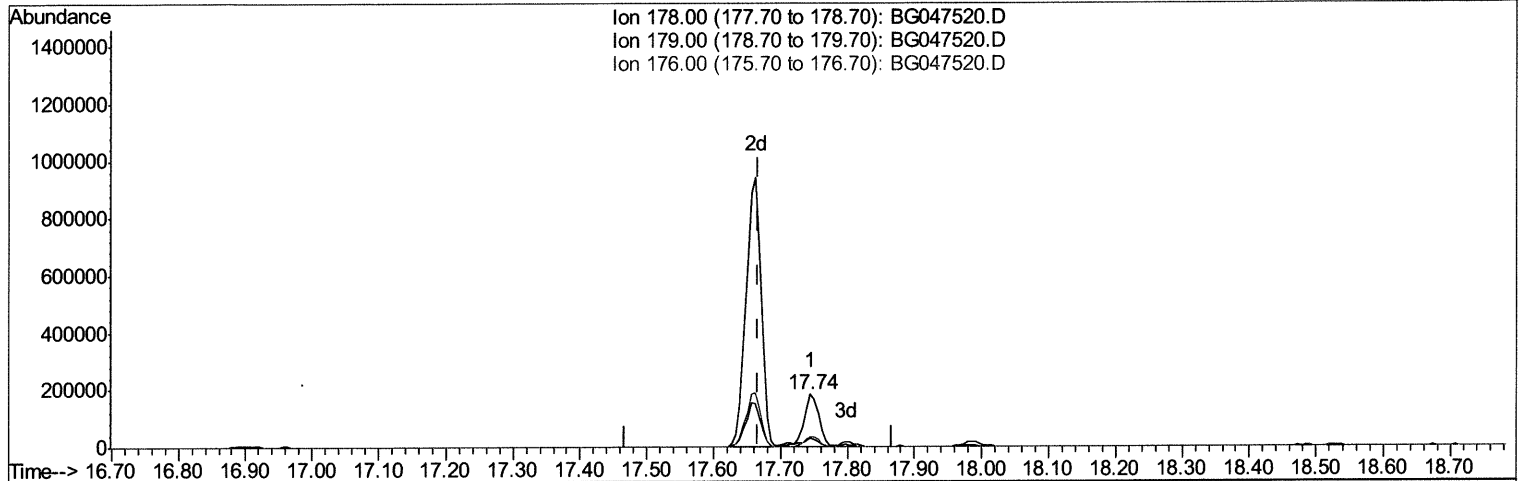
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047520.D
 Acq On : 2 Dec 2020 7:16
 Operator : CG/JU
 Sample : L4865-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B24

Quant Time: Dec 02 08:12:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
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Manual Integrations
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TIC: BG047520.D

(70) Phenanthrene

17.744min (+0.077) 20.29ng/ul

response 280776

Ion	Exp%	Act%
178.00	100	100
179.00	14.70	15.21
176.00	17.40	19.11
0.00	0.00	0.00

Quantitation Report (Qedit)

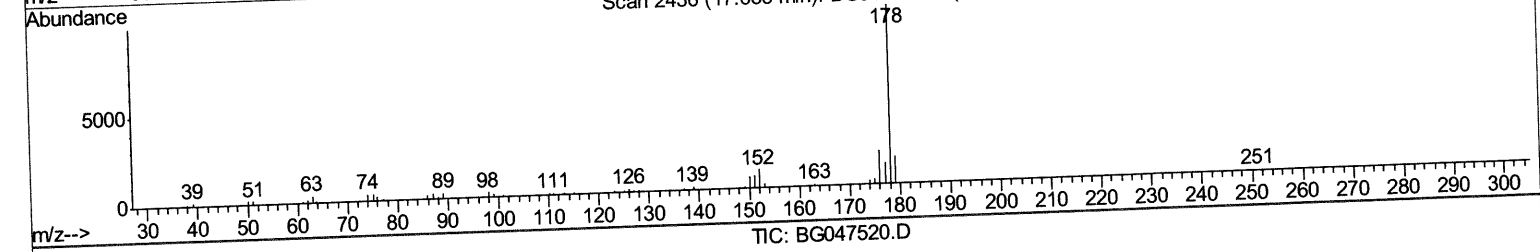
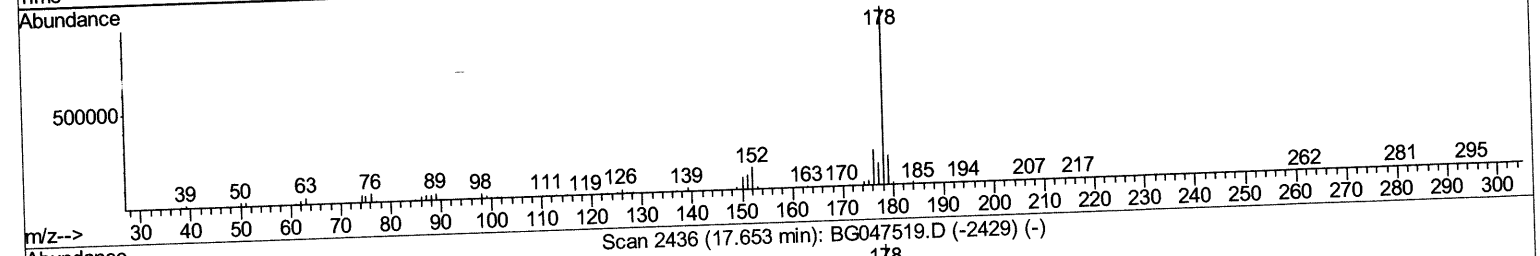
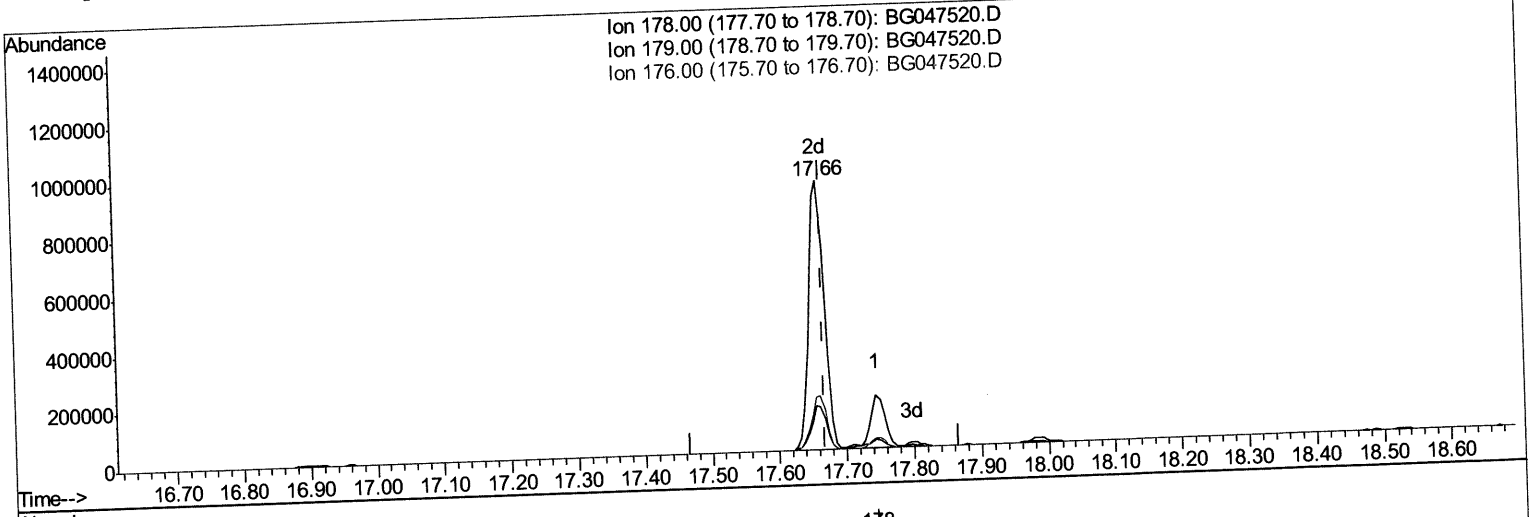
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047520.D
 Acq On : 2 Dec 2020 7:16
 Operator : CG/JU
 Sample : L4865-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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(70) Phenanthrene

17.662min (-0.005) 106.69ng/ul m 12/4/2020

response 1476428

Ion	Exp%	Act%
178.00	100	100
179.00	14.70	16.13
176.00	17.40	20.11
0.00	0.00	0.00

Quantitation Report (Qedit)

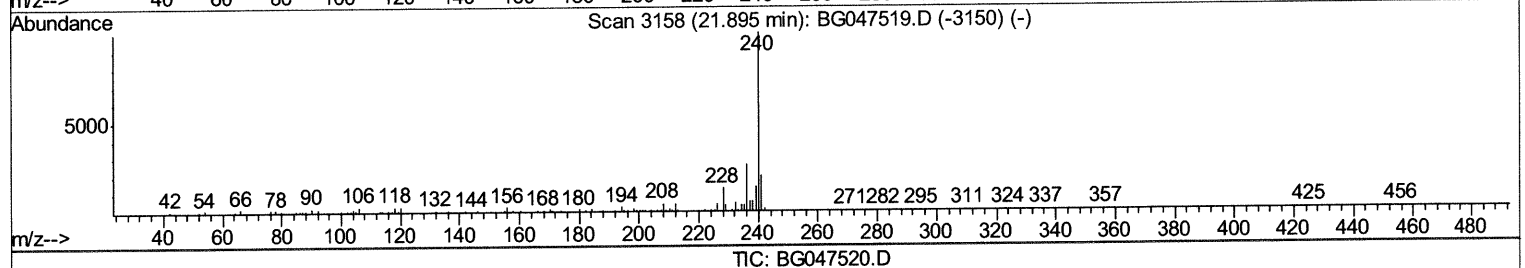
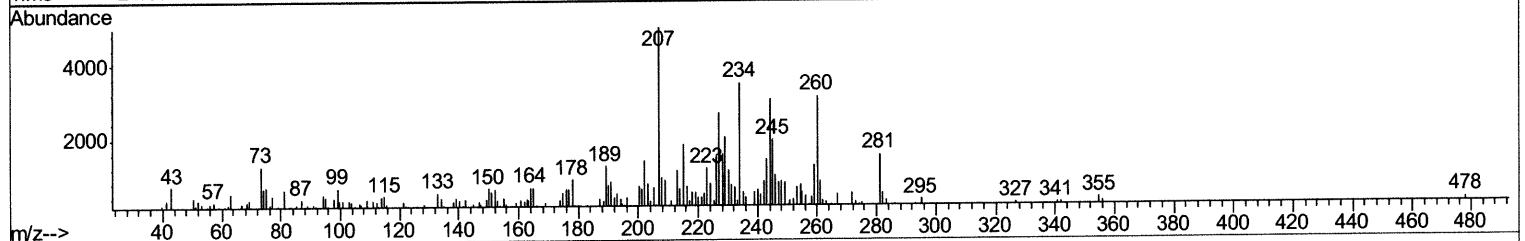
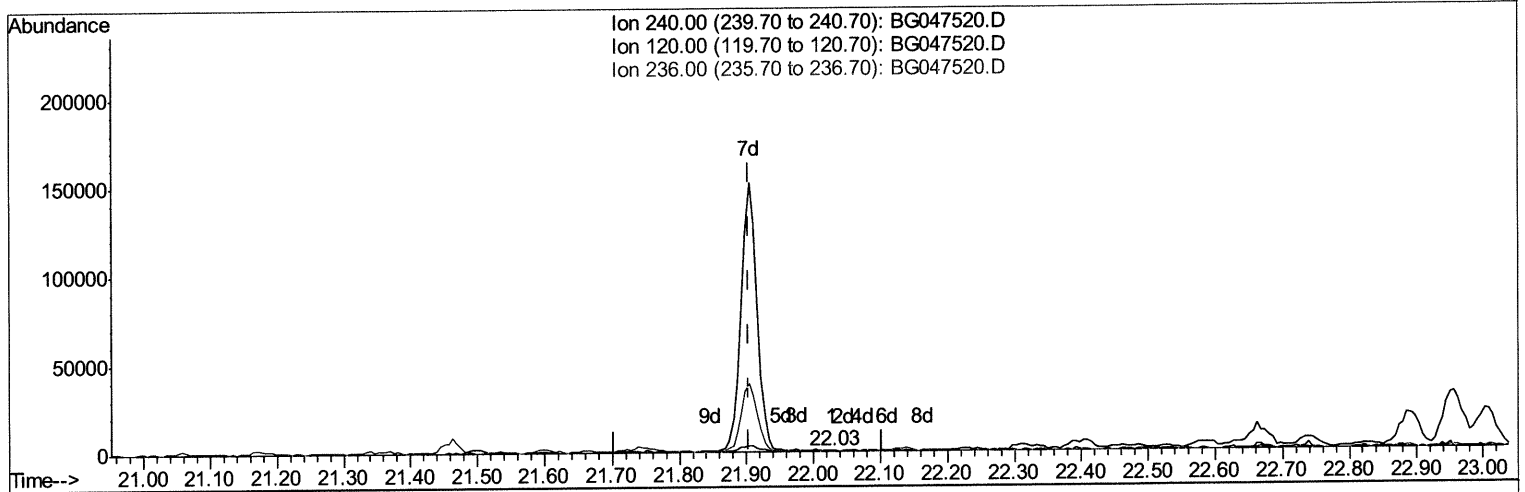
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047520.D
 Acq On : 2 Dec 2020 7:16
 Operator : CG/JU
 Sample : L4865-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B24

Quant Time: Dec 02 08:14:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
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Manual Integrations
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(78) Chrysene-d12 (I)

22.028min (+0.124) 20.00ng/ul

response 268

Ion	Exp%	Act%
240.00	100	100
120.00	3.50	0.00#
236.00	25.40	66.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

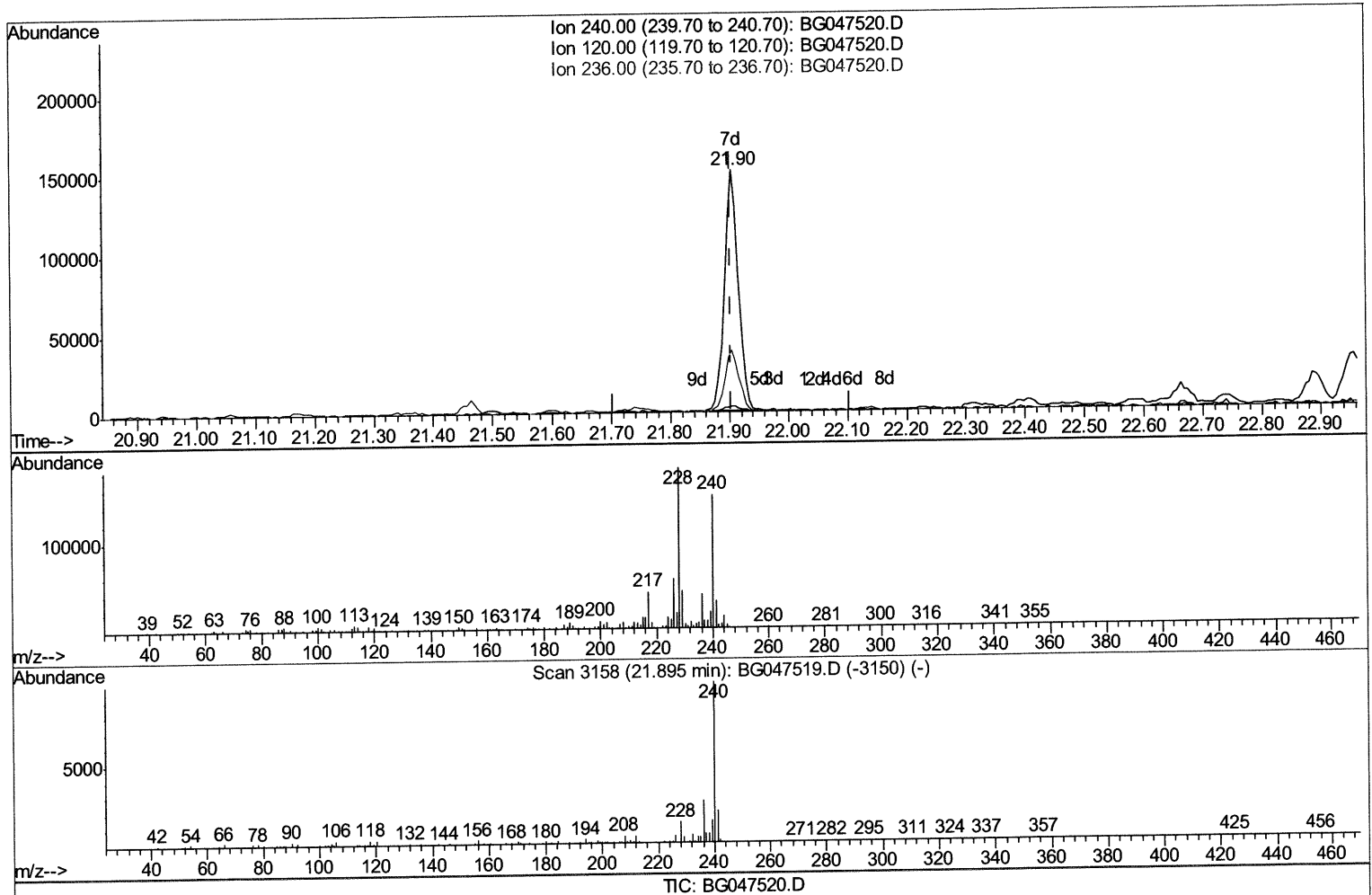
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047520.D
 Acq On : 2 Dec 2020 7:16
 Operator : CG/JU
 Sample : L4865-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B24

Quant Time: Dec 02 08:14:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration

Manual Integrations
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(78) Chrysene-d12 (I)

21.904min (+0.001) 20.00ng/ul m 12/04/2020

response 249789

Ion	Exp%	Act%
240.00	100	100
120.00	3.50	2.42#
236.00	25.40	25.47
0.00	0.00	0.00

Quantitation Report (Qedit)

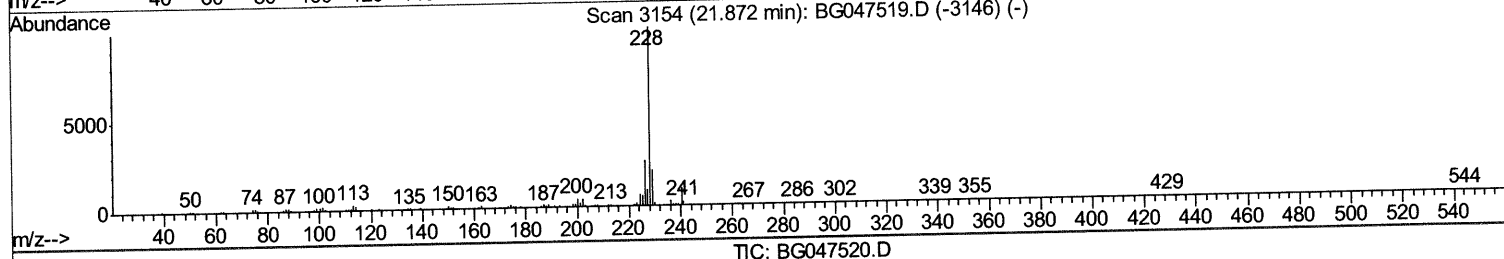
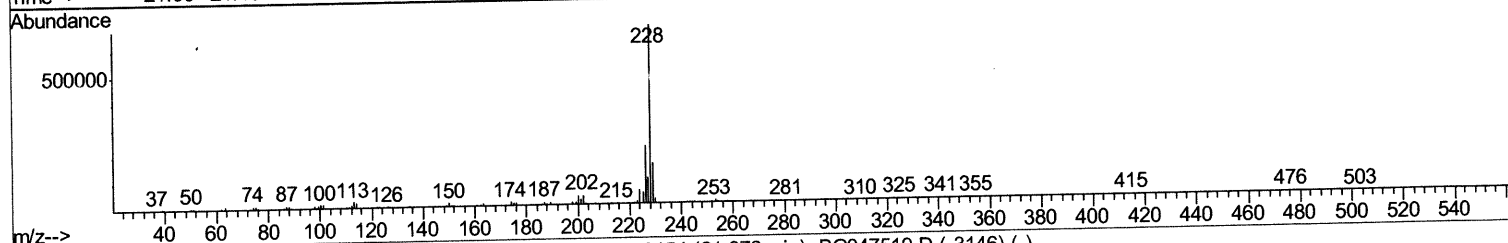
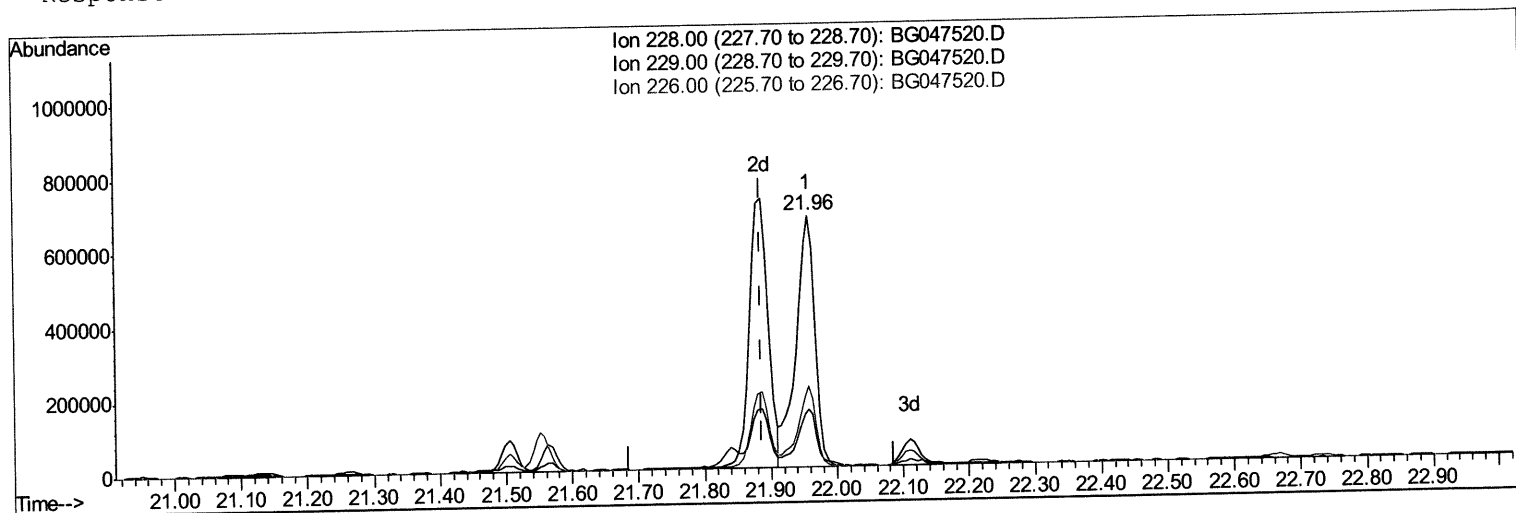
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047520.D
 Acq On : 2 Dec 2020 7:16
 Operator : CG/JU
 Sample : L4865-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B24

Quant Time: Dec 02 08:15:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
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Manual Integrations
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(83) Benzo(a)anthracene

21.957min (+0.071) 75.67ng/ul

response 1344806

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	22.96
226.00	27.10	32.40
0.00	0.00	0.00

Quantitation Report (Qedit)

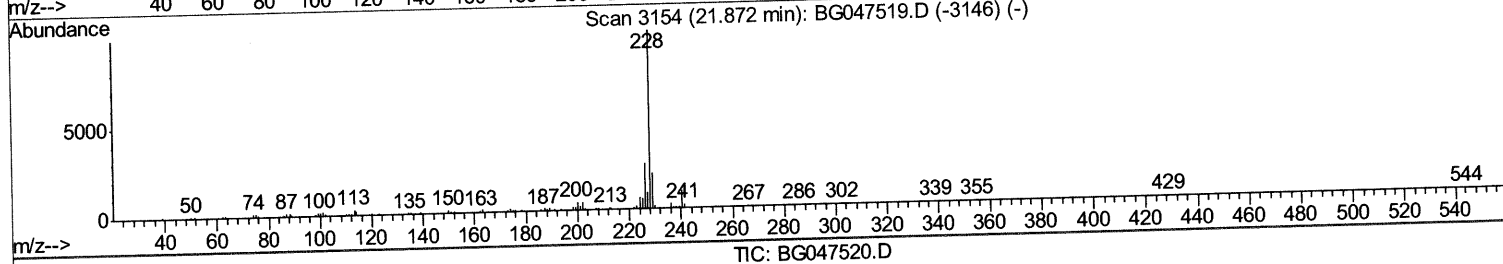
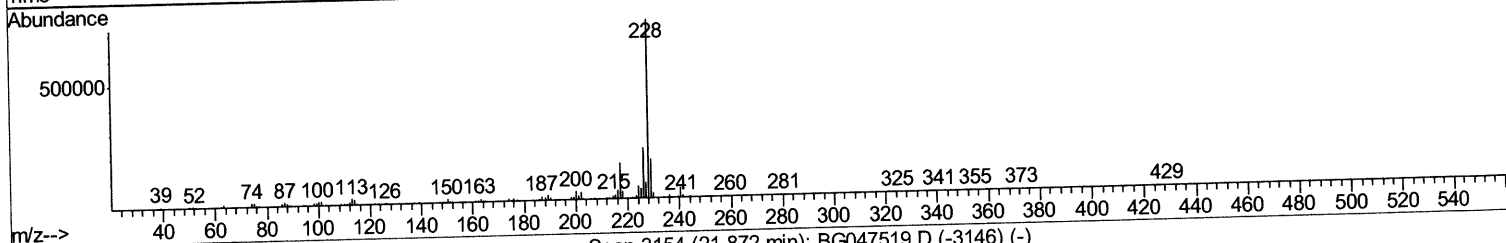
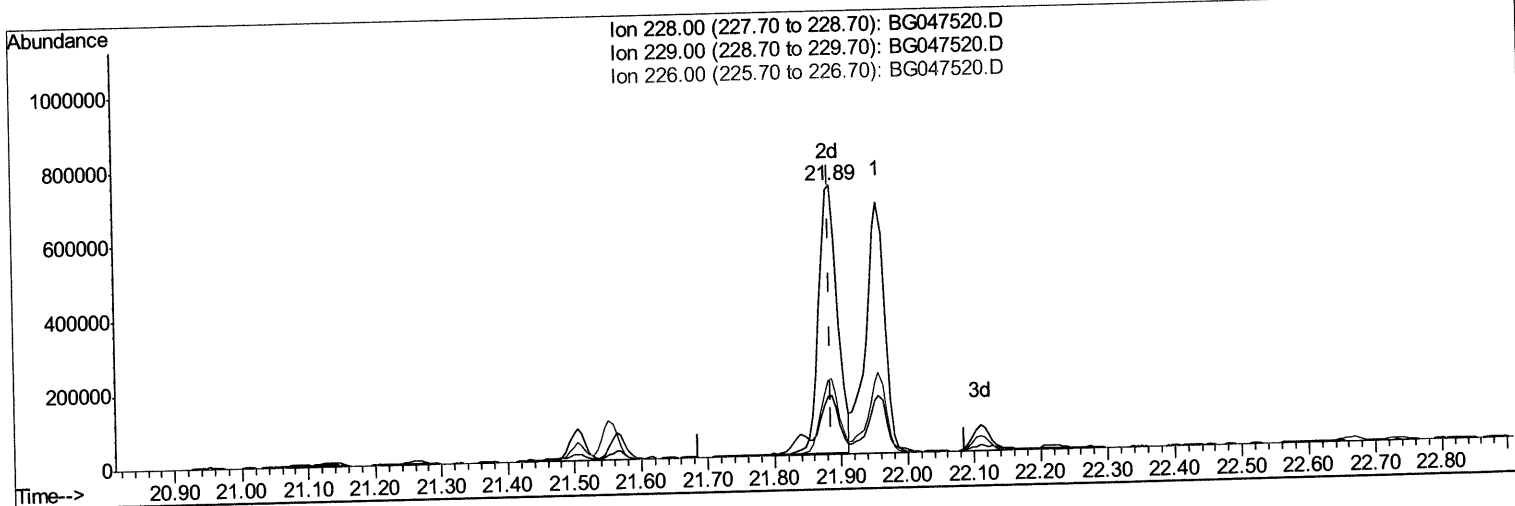
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047520.D
 Acq On : 2 Dec 2020 7:16
 Operator : CG/JU
 Sample : L4865-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B24

Quant Time: Dec 02 08:15:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
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Manual Integrations
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(83) Benzo(a)anthracene

21.887min (+0.001) 79.16ng/ul m 12/04/2024

response 1406830

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	21.79
226.00	27.10	28.42
0.00	0.00	0.00

Quantitation Report (Qedit)

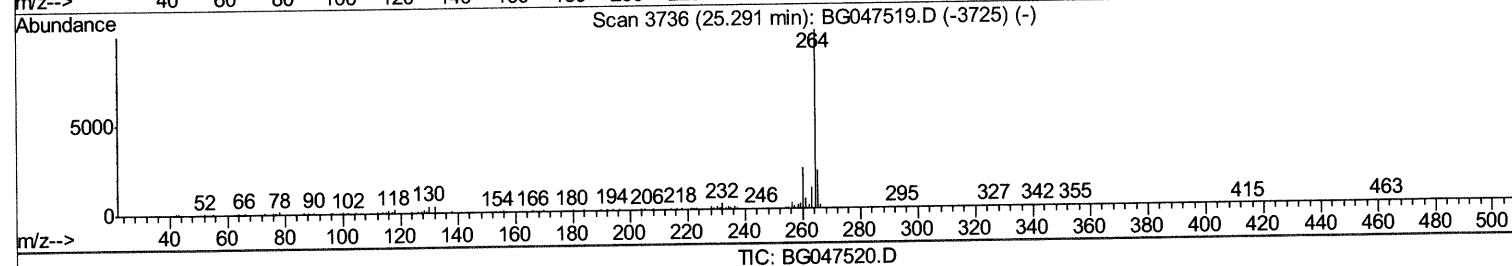
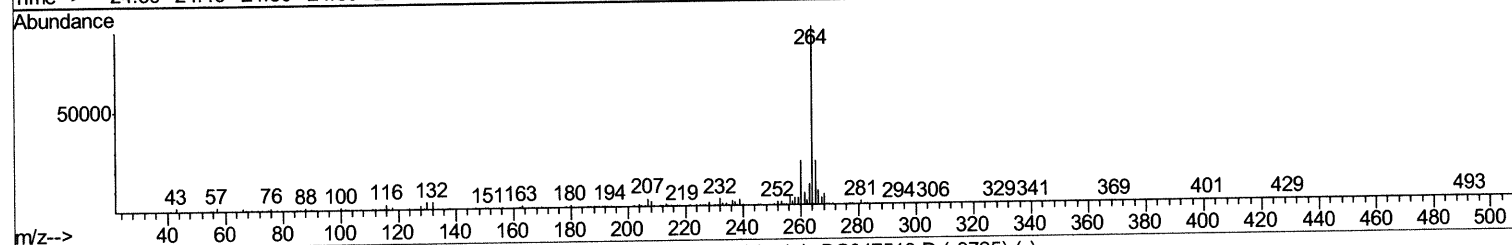
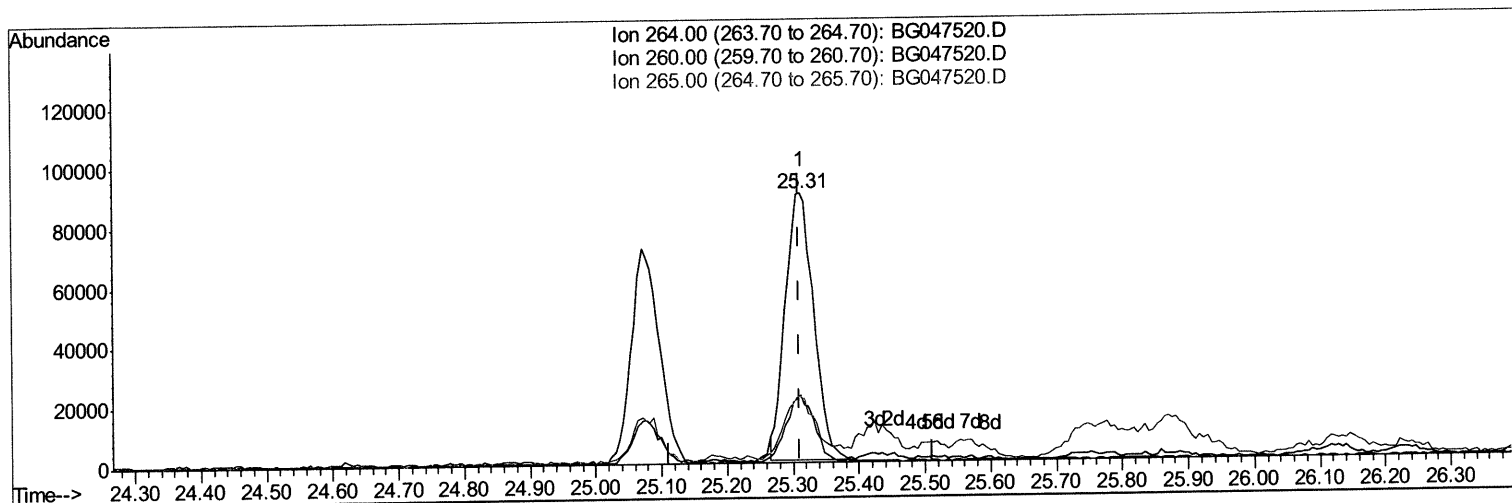
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 Data File : BG047520.D
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(86) Perylene-d12 (I)

25.312min (+0.001) 20.00ng/ul

response 266895

Ion	Exp%	Act%
264.00	100	100
260.00	24.40	25.04
265.00	21.50	24.50
0.00	0.00	0.00

Quantitation Report (Qedit)

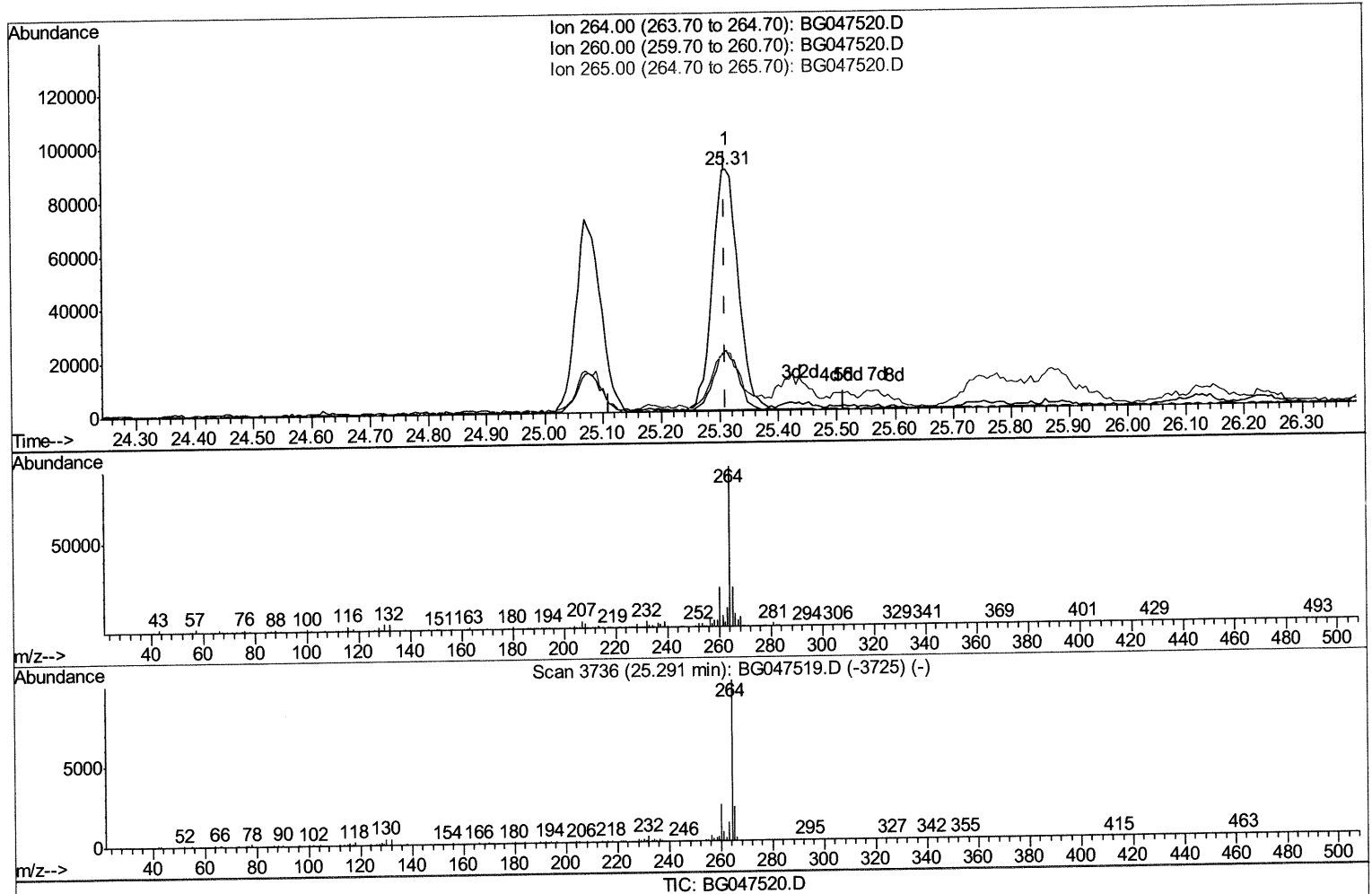
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
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(86) Perylene-d12 (I)

25.312min (+0.001) 20.00ng/ul m 12/04/2024

response 274814

Ion	Exp%	Act%
264.00	100	100
260.00	24.40	25.04
265.00	21.50	24.50
0.00	0.00	0.00

Quantitation Report (Qedit)

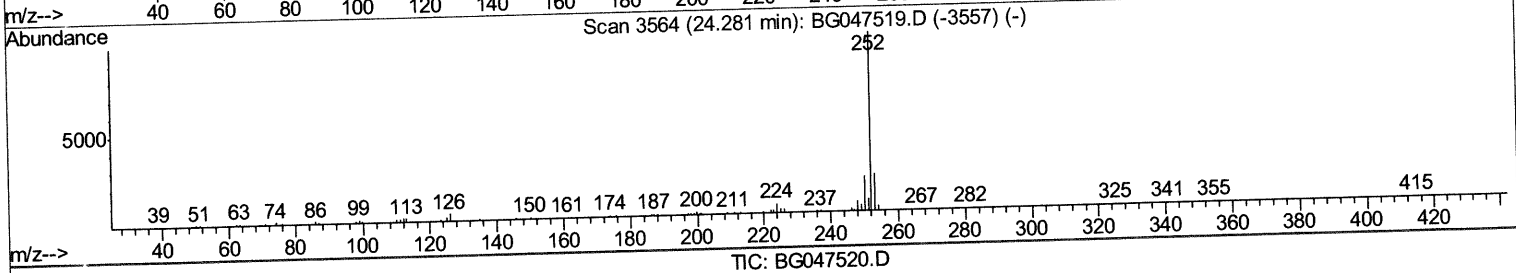
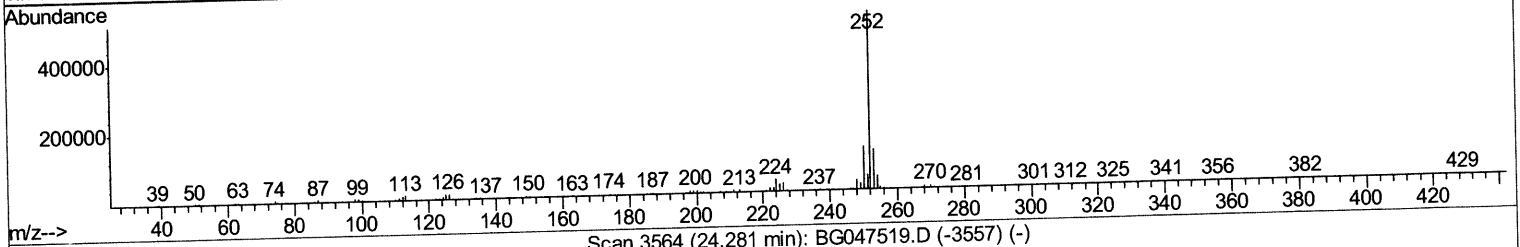
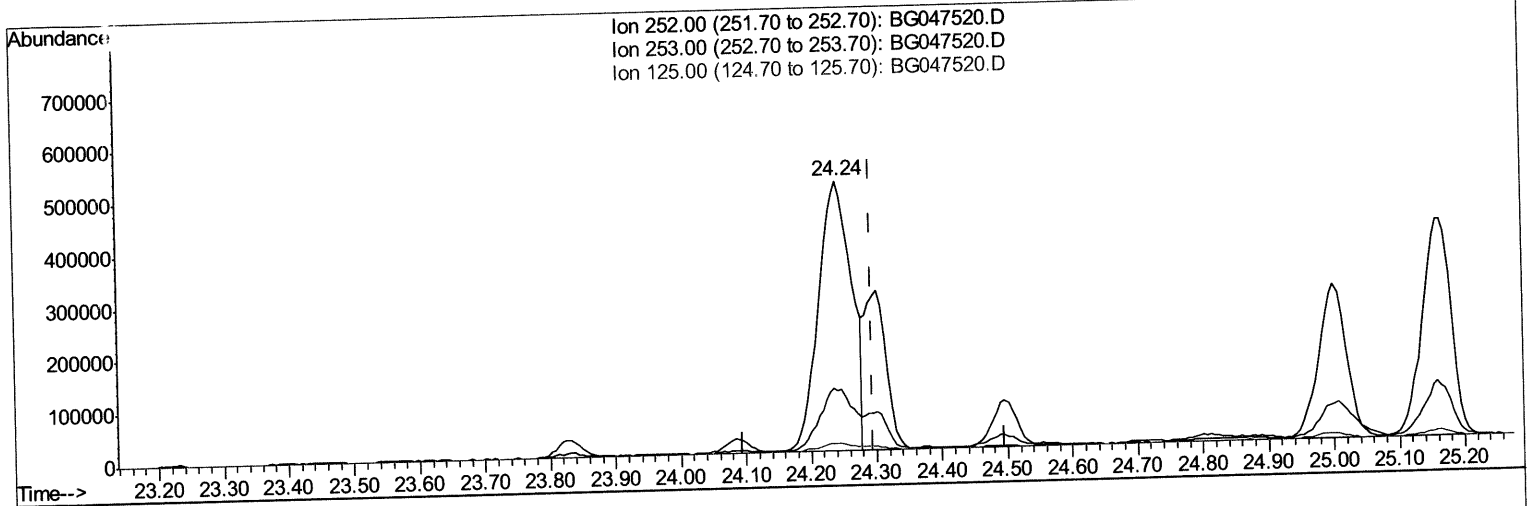
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047520.D
 Acq On : 2 Dec 2020 7:16
 Operator : CG/JU
 Sample : L4865-04
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Instrument :
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TIC: BG047520.D

(89) Benzo(k)fluoranthene

24.243min (-0.052) 95.55ng/ul

response 1826990

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.45
125.00	2.70	2.86
0.00	0.00	0.00

Quantitation Report (Qedit)

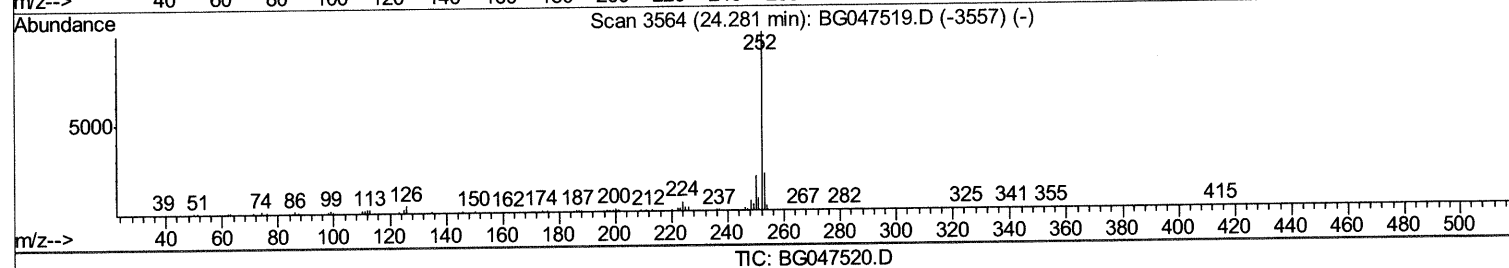
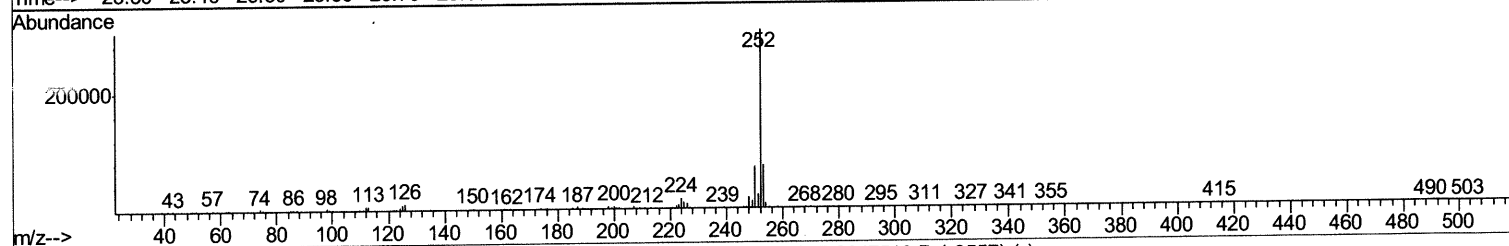
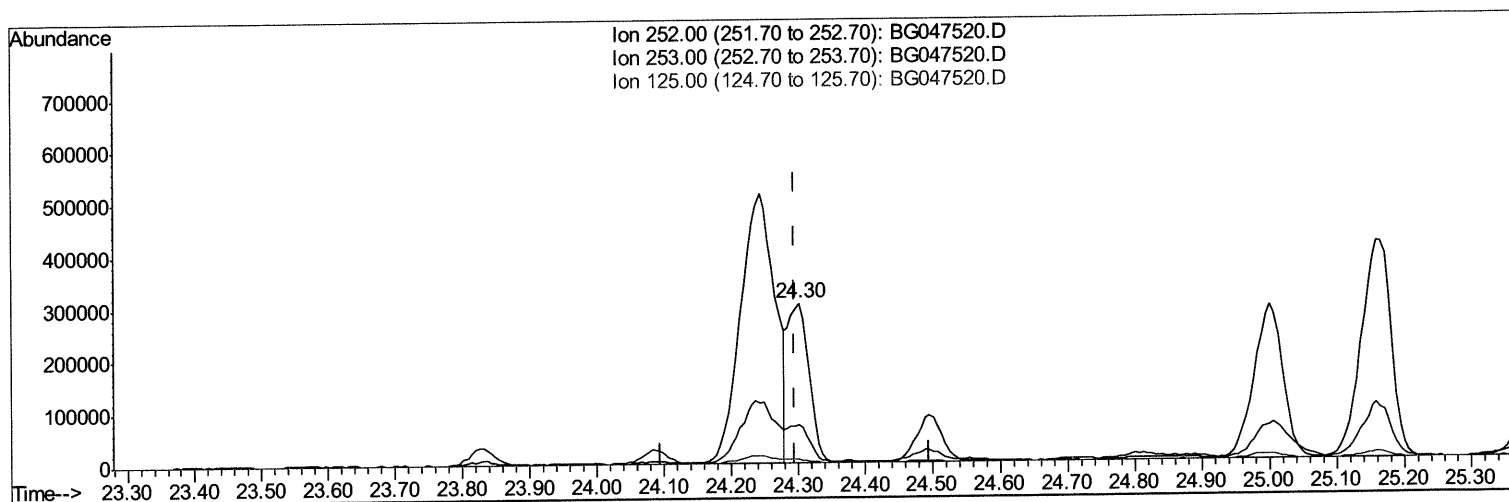
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 Response via : Initial Calibration

Manual Integrations
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(89) Benzo(k)fluoranthene

24.301min (+0.007) 35.07ng/ul m 12/04/20 JU

response 670676

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.88
125.00	2.70	2.67
0.00	0.00	0.00

Quantitation Report (Qedit)

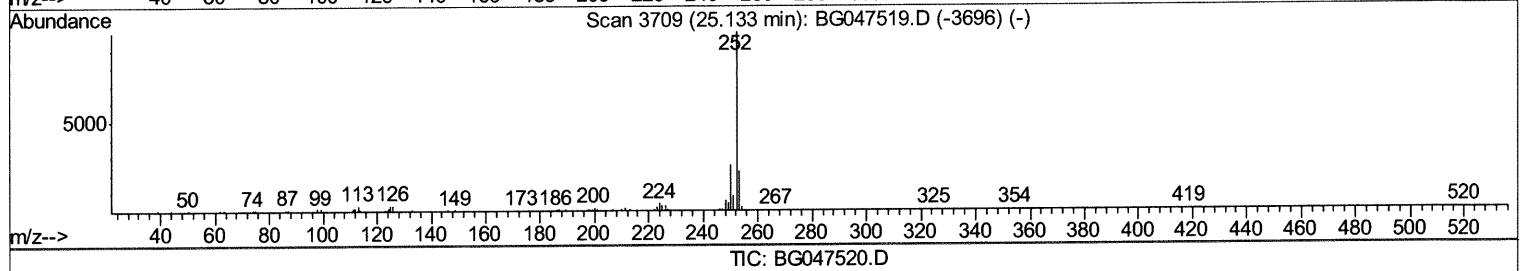
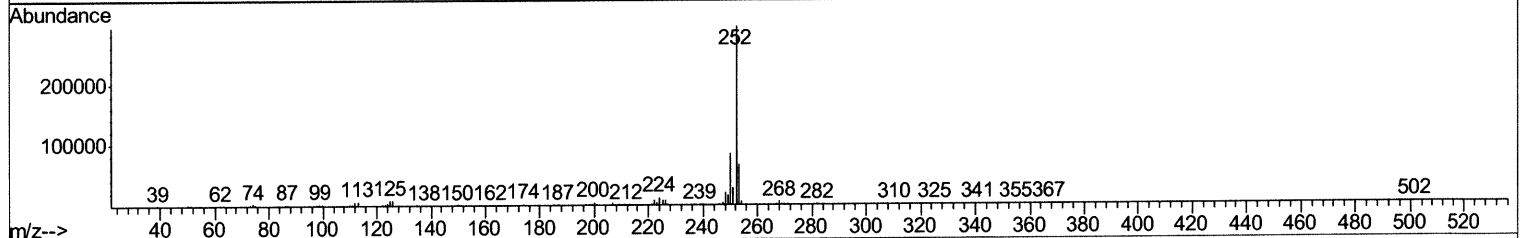
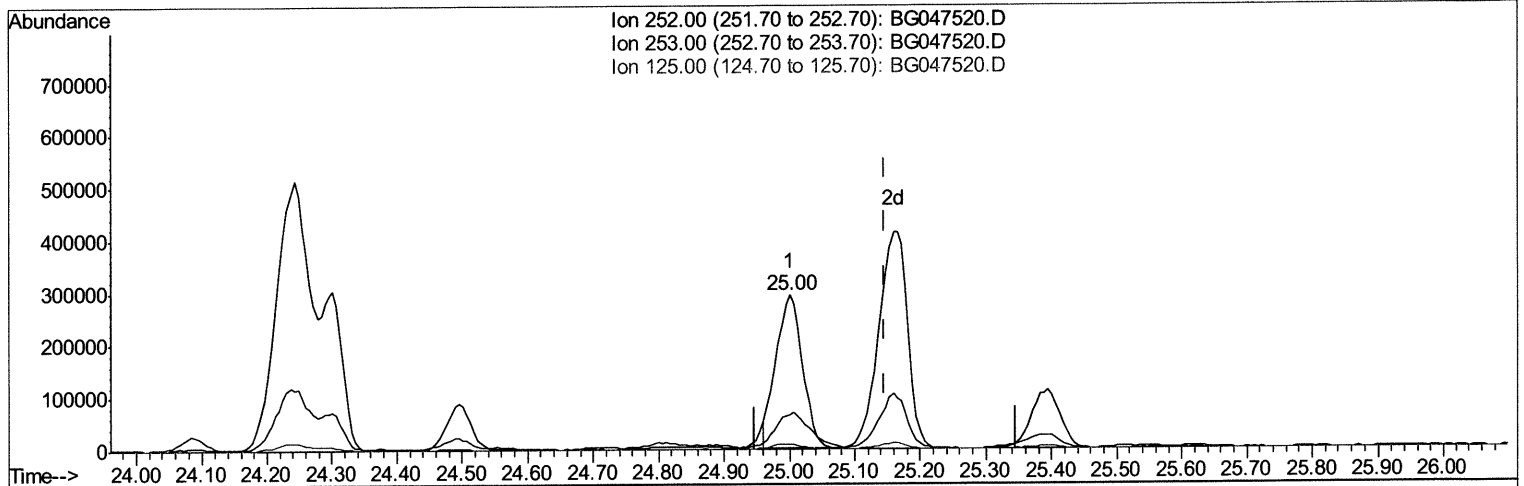
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047520.D
 Acq On : 2 Dec 2020 7:16
 Operator : CG/JU
 Sample : L4865-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B24

Quant Time: Dec 02 08:24:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration

Manual Integrations
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(91) Benzo(a)pyrene (C)

25.001min (-0.146) 47.41ng/ul

response 820086

Ion	Exp%	Act%
252.00	100	100
253.00	23.20	22.34
125.00	3.90	3.15
0.00	0.00	0.00

Quantitation Report (Qedit)

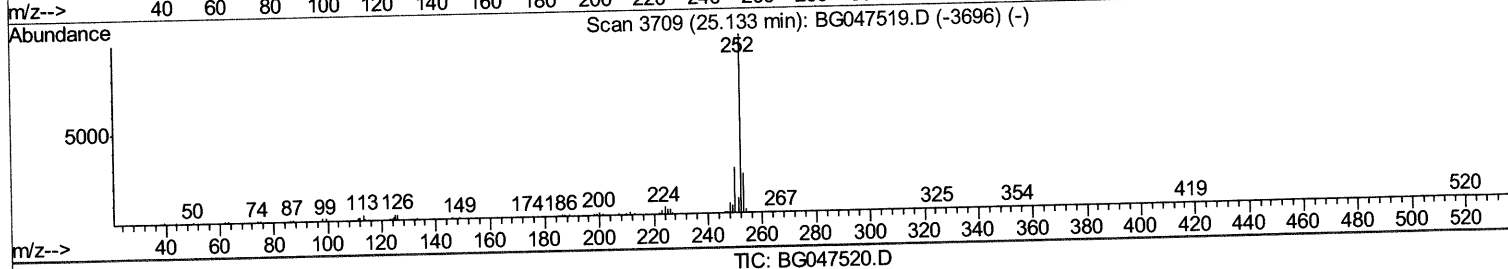
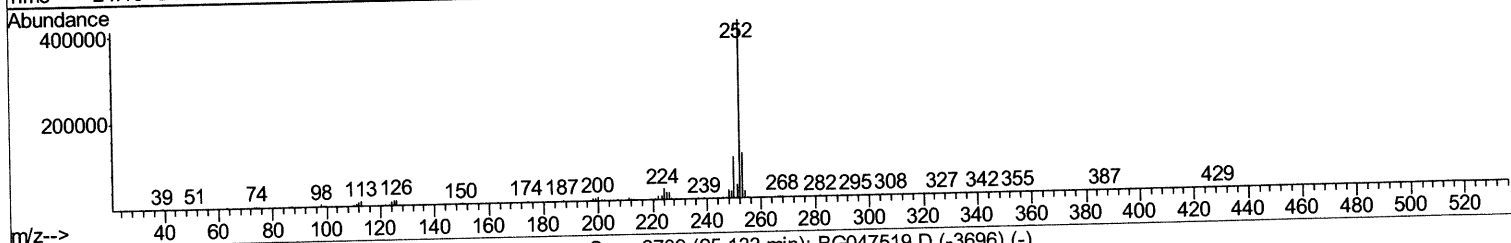
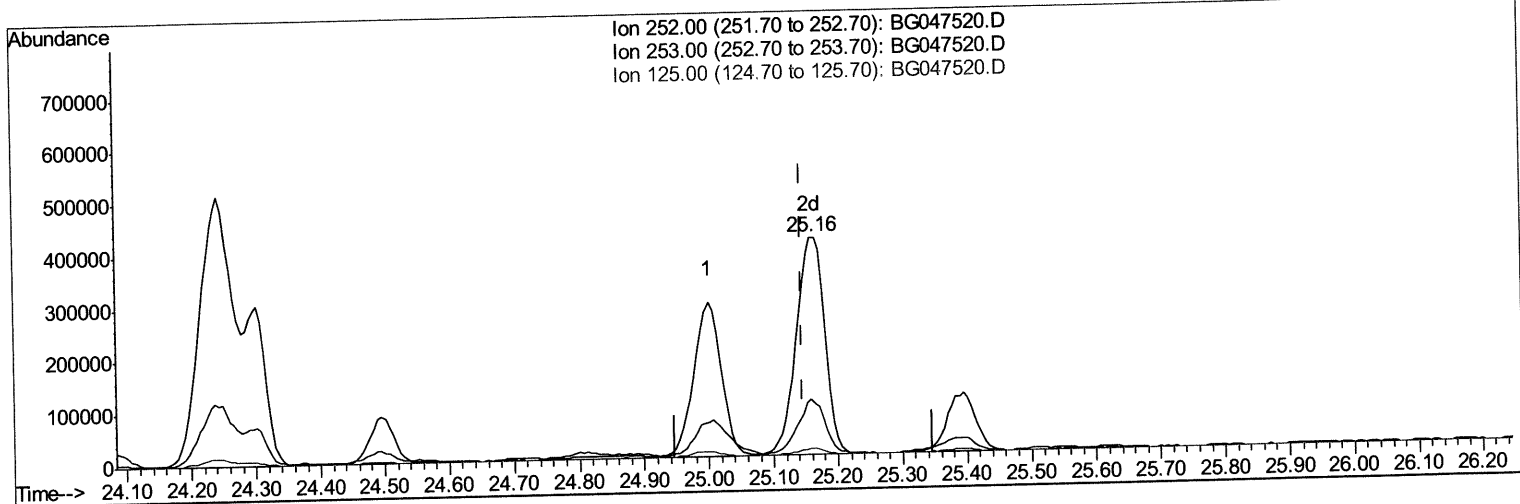
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047520.D
 Acq On : 2 Dec 2020 7:16
 Operator : CG/JU
 Sample : L4865-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B24

Quant Time: Dec 02 08:24:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration

Manual Integrations
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(91) Benzo(a)pyrene (C)

25.159min (+0.012) 73.11ng/ul m 12/04/20 JU

response 1264511

Ion	Exp%	Act%
252.00	100	100
253.00	23.20	25.23
125.00	3.90	2.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

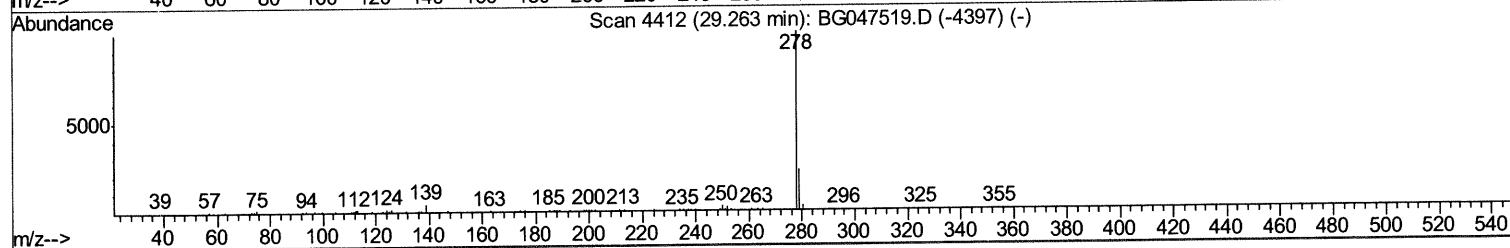
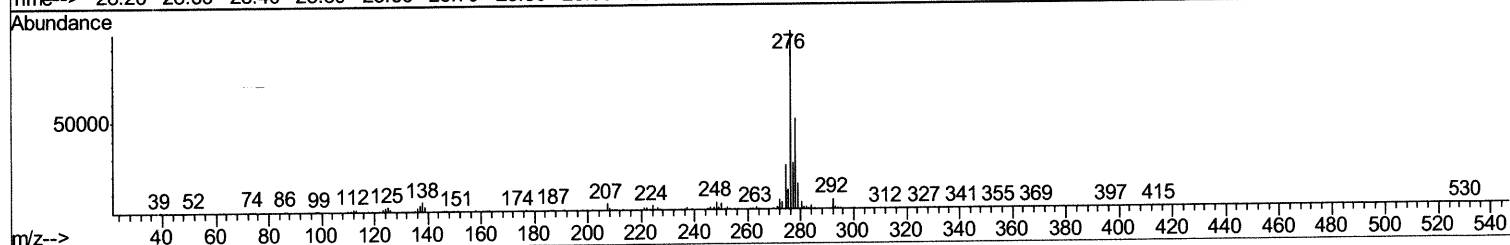
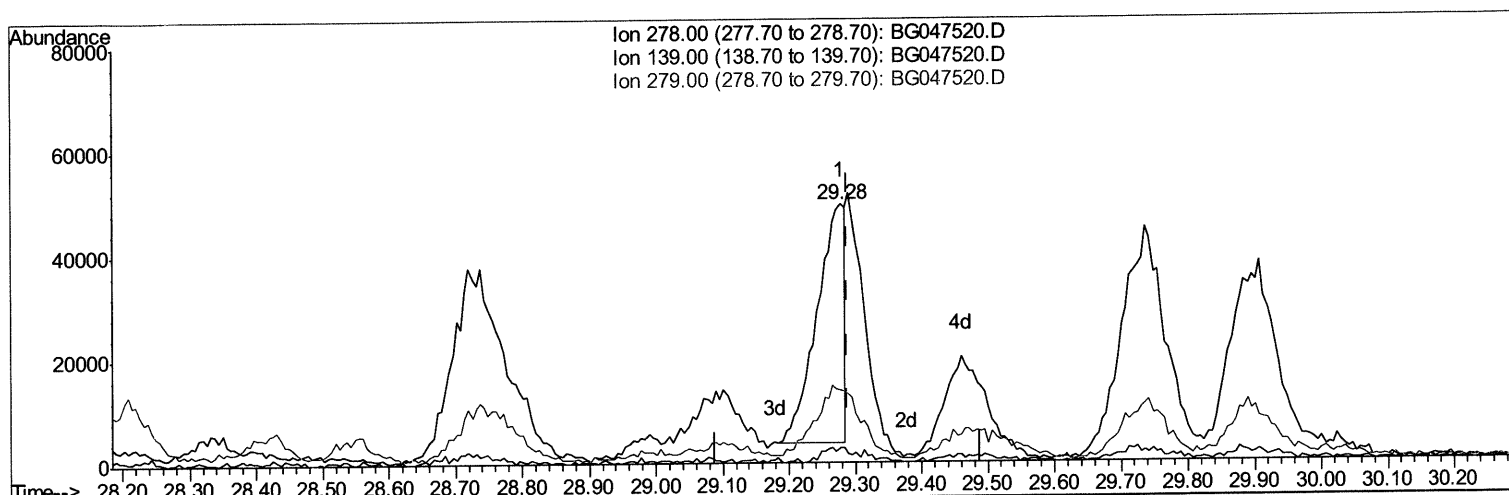
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047520.D
 Acq On : 2 Dec 2020 7:16
 Operator : CG/JU
 Sample : L4865-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B24

Quant Time: Dec 02 08:24:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration

Manual Integrations
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TIC: BG047520.D

(93) Dibenzo(a,h)anthracene

29.278min (-0.011) 7.79ng/ul

response 134417

Ion	Exp%	Act%
278.00	100	100
139.00	5.80	5.78
279.00	22.70	28.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

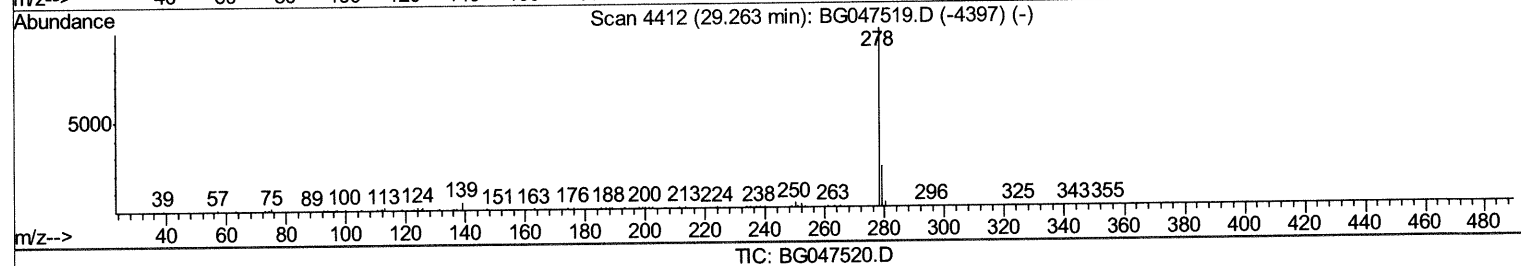
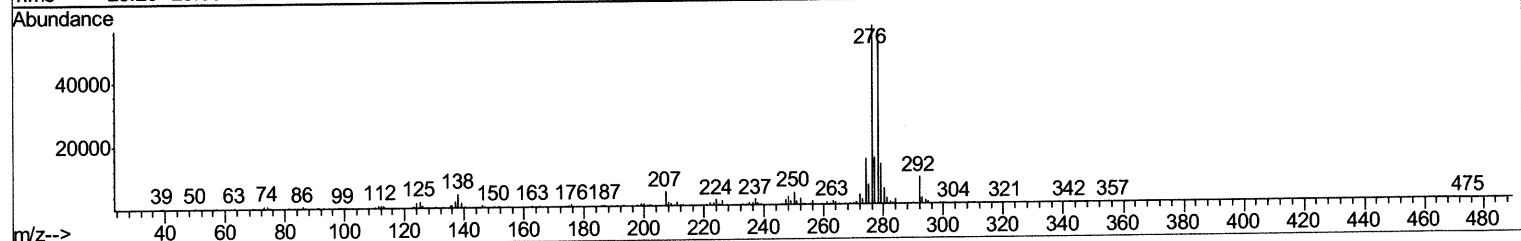
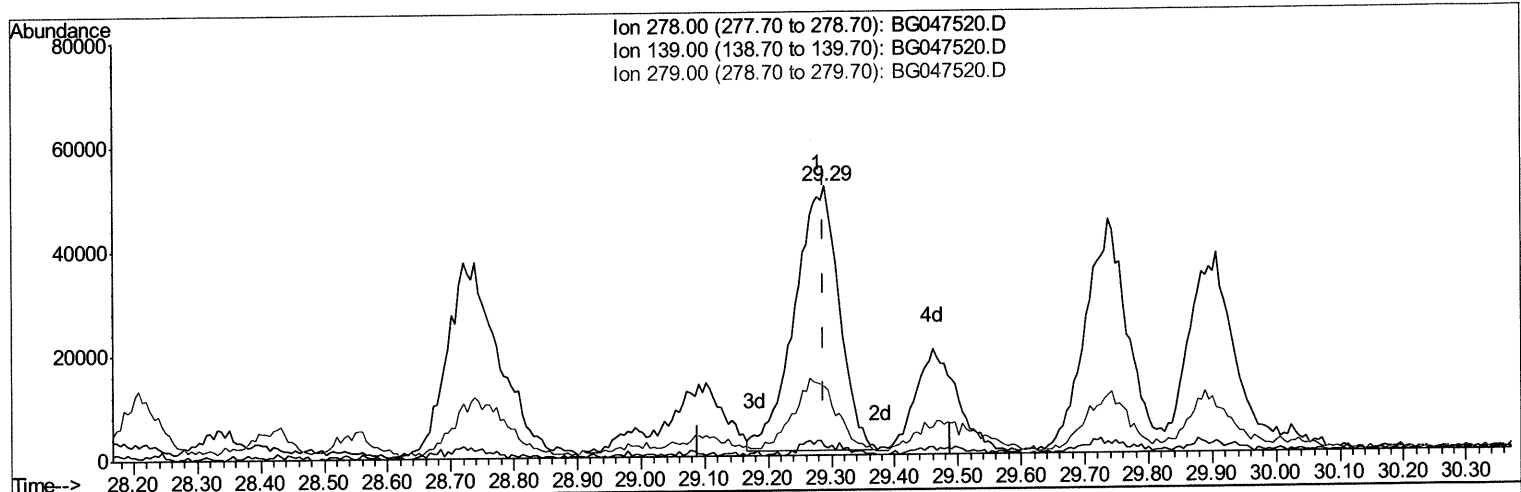
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047520.D
 Acq On : 2 Dec 2020 7:16
 Operator : CG/JU
 Sample : L4865-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B24

Quant Time: Dec 02 08:24:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration

Manual Integrations
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(93) Dibenzo(a,h)anthracene

29.290min (+0.001) 14.50ng/ul m 12/04/20 JU

response 250055

Ion	Exp%	Act%
278.00	100	100
139.00	5.80	3.30#
279.00	22.70	25.39
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047520.D
 Acq On : 2 Dec 2020 7:16
 Operator : CG/JU
 Sample : L4865-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B24

Quant Time: Dec 02 08:28:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	35707	20.00	ng/ul	-0.01
18) Naphthalene-d8	11.09	136	147208	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.88	164	115177	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.62	188	256253m	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	249789m	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	274814m	20.00	ng/ul	0.00

12/04/20 JU

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	1569m	1.60	ng/uL	-0.02
5) Phenol-d5	7.39	99	37580	10.49	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.57	67	19634	9.61	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.79	132	28728	11.96	ng/ul	-0.01
13) 4-Methylphenol-d8	8.95	113	24642	8.95	ng/ul	-0.02
19) Nitrobenzene-d5	9.43	128	14154	11.64	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.16	143	19575	14.75	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.69	165	41290	13.59	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.22	131	26154	8.51	ng/ul	-0.01
44) Dimethylphthalate-d6	14.27	166	128445	12.99	ng/ul	-0.02
47) Acenaphthylene-d8	14.57	160	152673	13.36	ng/ul	-0.01
52) 4-Nitrophenol-d4	15.03	143	14802	9.81	ng/ul	-0.02
58) Fluorene-d10	15.86	176	119599	13.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	23844	16.35	ng/ul	-0.01
71) Anthracene-d10	17.71	188	178198	14.02	ng/ul	-0.01
79) Pyrene-d10	19.98	212	204045	14.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	211821	13.39	ng/ul	0.00

12/04/20 JU

Target Compounds

					Ovalue
6) Phenol	7.42	94	4863	1.417	ng/ul 95
14) Acetophenone	9.08	105	5572	1.315	ng/ul 93
28) Naphthalene	11.14	128	87666	10.514	ng/ul 97
34) 2-Methylnaphthalene	12.73	142	37318	6.040	ng/ul 91
41) 1,1'-Biphenyl	13.71	154	11574	1.295	ng/ul# 81
45) Dimethylphthalate	14.31	163	22775	2.258	ng/ul 99
50) Acenaphthene	14.94	153	87696	11.772	ng/ul 97
54) Dibenzofuran	15.27	168	59859	5.471	ng/ul 95
59) Fluorene	15.91	166	91316	9.906	ng/ul 93
70) Phenanthrene	17.66	178	1476428m	106.693	ng/ul > 12/04/20 JU
72) Anthracene	17.74	178	271704	19.496	ng/ul 99
75) Carbazole	18.00	167	169258	15.056	ng/ul 99
77) Fluoranthene	19.65	202	2559179	146.436	ng/ul 99
80) Pyrene	20.02	202	2245439	126.905	ng/ul 100
83) Benzo(a)anthracene	21.89	228	1406830m	79.156	ng/ul > 12/04/20 JU
85) Chrysene	21.96	228	1344806	79.512	ng/ul 93
88) Benzo(b)fluoranthene	24.24	252	1826990	94.159	ng/ul 97
89) Benzo(k)fluoranthene	24.30	252	670676m	35.075	ng/ul }
91) Benzo(a)pyrene	25.16	252	1264511m	73.105	ng/ul }
92) Indeno(1,2,3-cd)pyrene	29.25	276	923007	43.869	ng/ul# 95
93) Dibenzo(a,h)anthracene	29.29	278	250055m	14.495	ng/ul > 12/04/20 JU
94) Benzo(a,h,i)perylene	30.48	276	761014	43.835	ng/ul 96

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047520.D
 Acq On : 2 Dec 2020 7:16
 Operator : CG/JU
 Sample : L4865-04
 Misc :
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Instrument :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed