

Quantitation Report (Qedit)

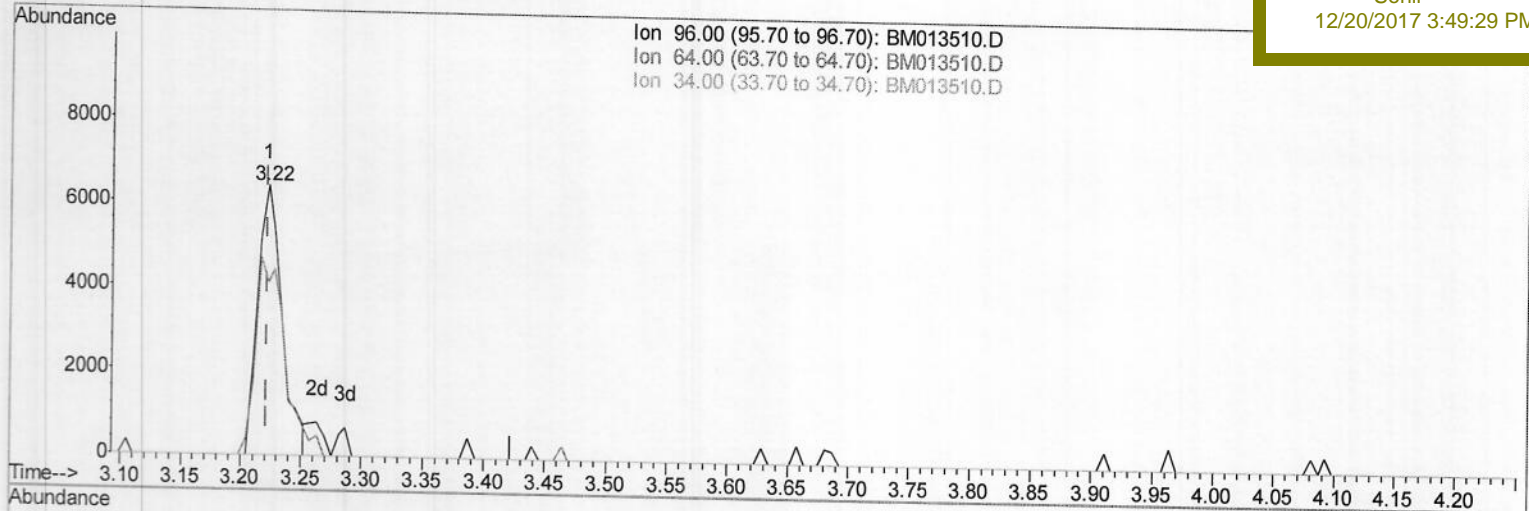
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121917\
 Data File : BM013510.D
 Acq On : 19 Dec 2017 12:35
 Operator : SJ/JU
 Sample : I6775-07ME
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A10ME

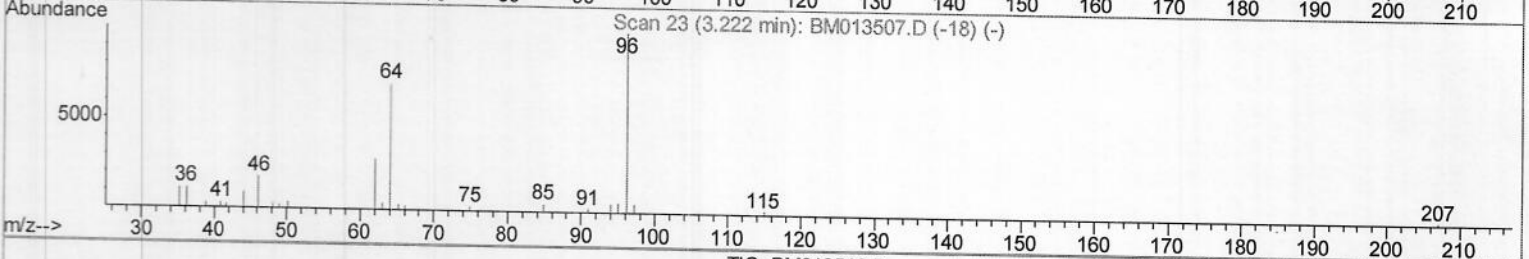
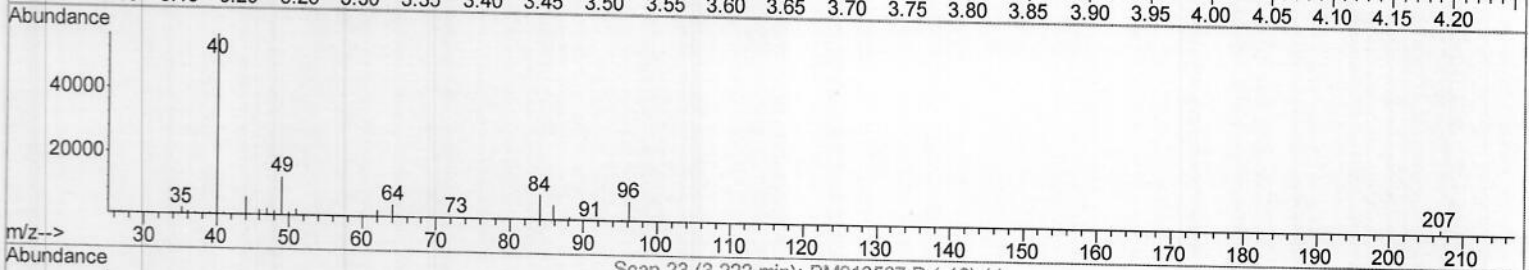
Quant Time: Dec 20 03:15:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 20 03:10:37 2017
 Response via : Initial Calibration

Manual Integrations
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Ion 96.00 (95.70 to 96.70): BM013510.D
 Ion 64.00 (63.70 to 64.70): BM013510.D
 Ion 34.00 (33.70 to 34.70): BM013510.D



TIC: BM013510.D

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

3.222min (-0.000) 2.92ng/uL

response 9021

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	87.71
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

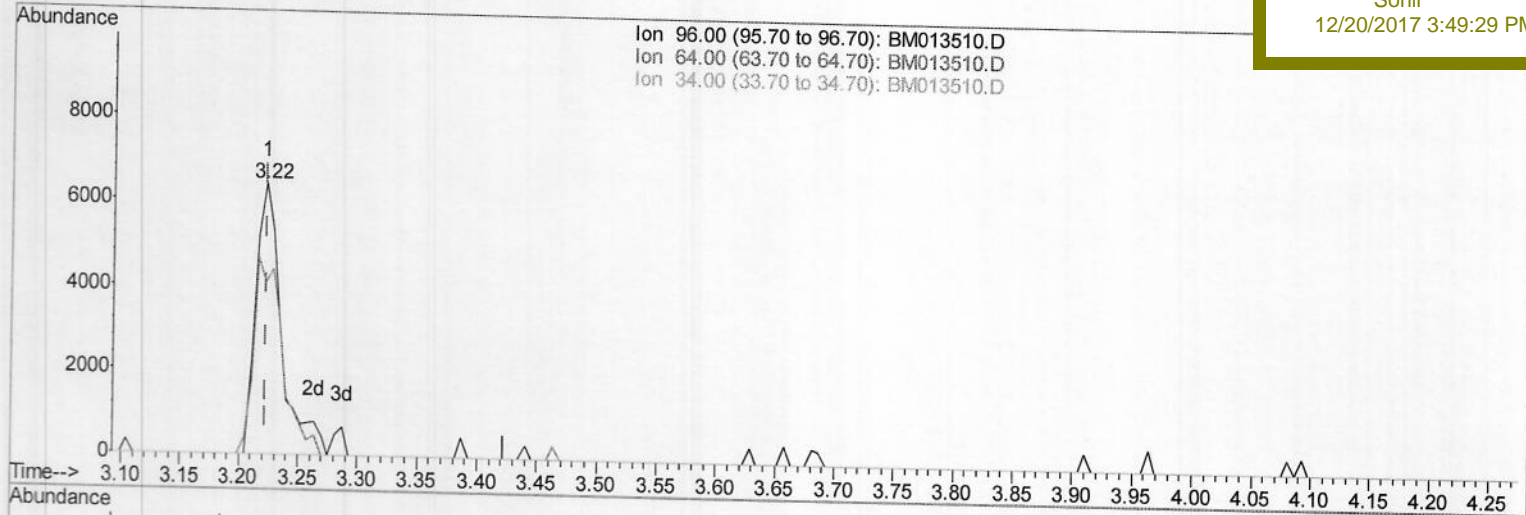
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121917\
 Data File : BM013510.D
 Acq On : 19 Dec 2017 12:35
 Operator : SJ/JU
 Sample : I6775-07ME
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 F9A10ME

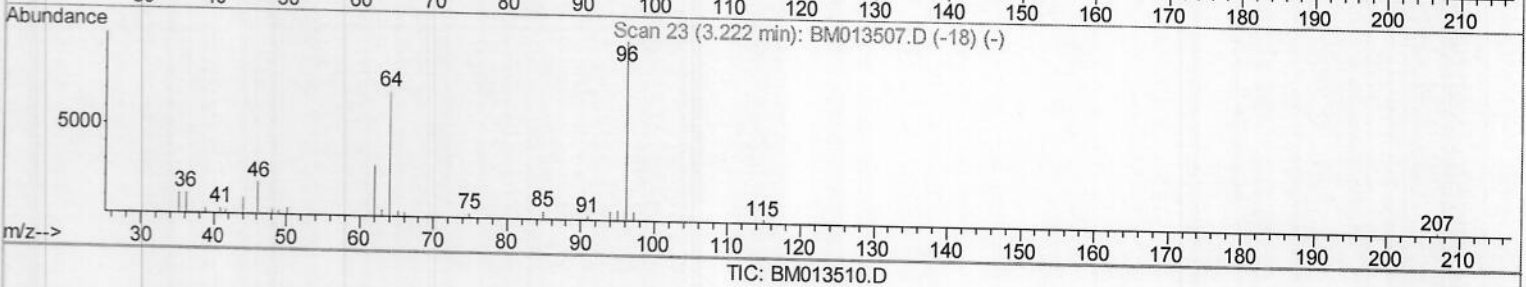
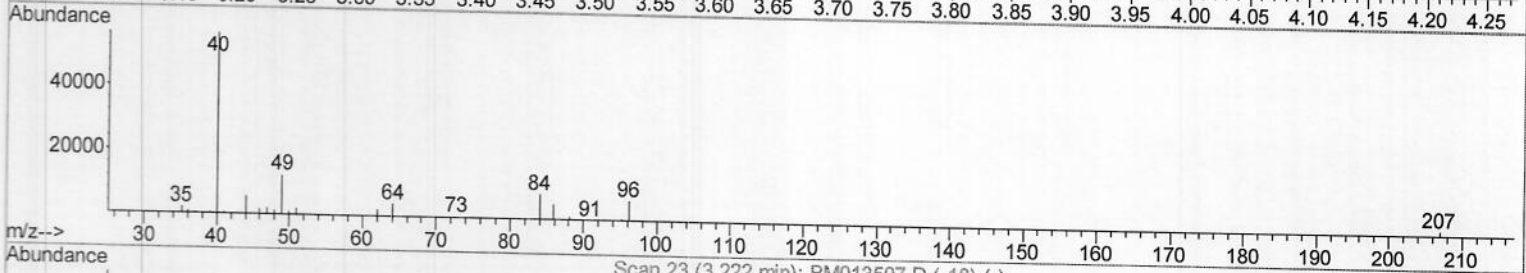
Quant Time: Dec 20 03:15:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 20 03:10:37 2017
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Manual Integrations
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Ion 96.00 (95.70 to 96.70): BM013510.D
 Ion 64.00 (63.70 to 64.70): BM013510.D
 Ion 34.00 (33.70 to 34.70): BM013510.D



TIC: BM013510.D

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

3.222min (-0.000) 3.15ng/uL m > SJ12127117

response 9724

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	81.37
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

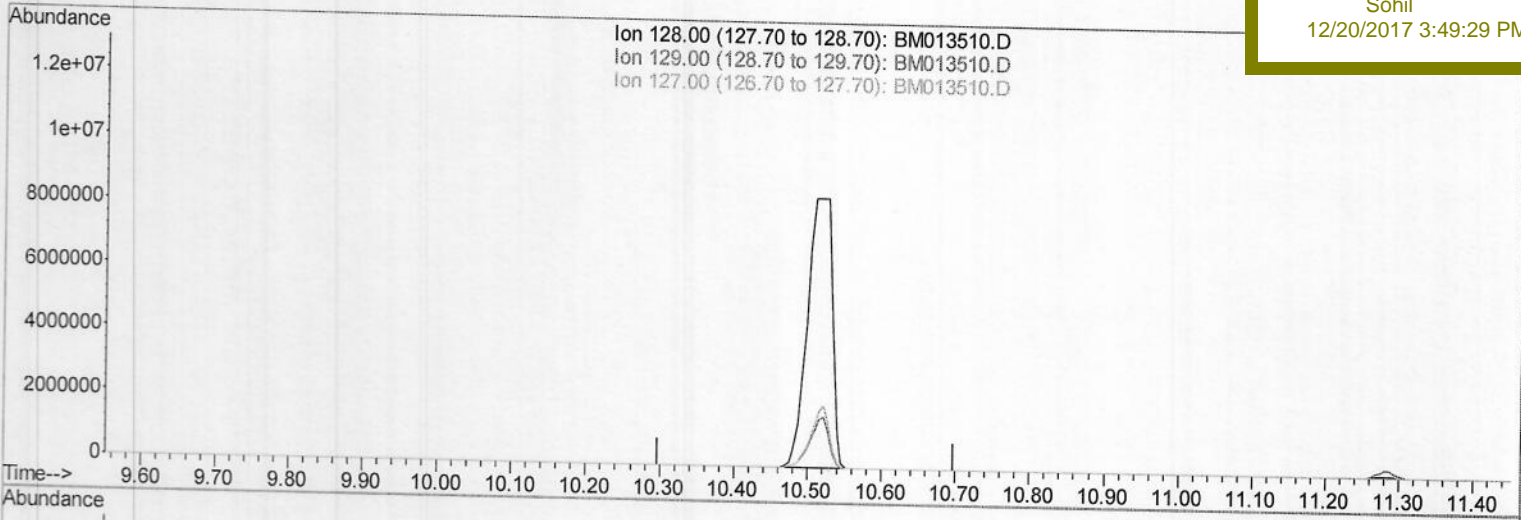
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121917\
 Data File : BM013510.D
 Acq On : 19 Dec 2017 12:35
 Operator : SJ/JU
 Sample : I6775-07ME
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A10ME

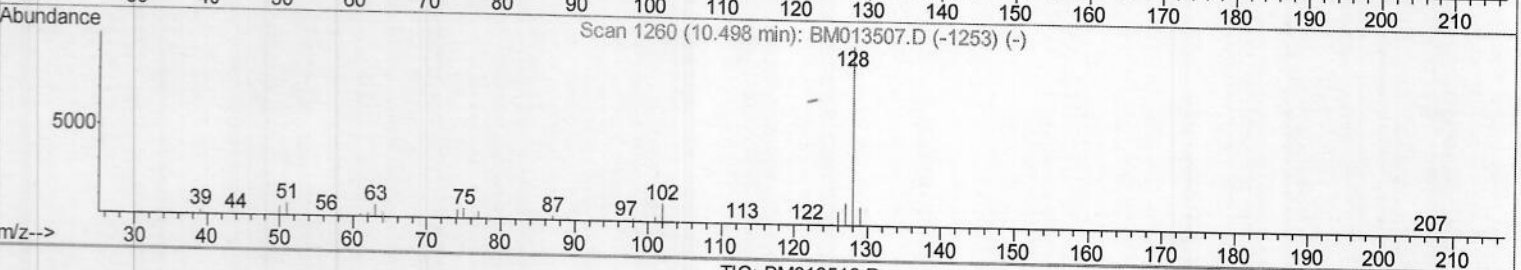
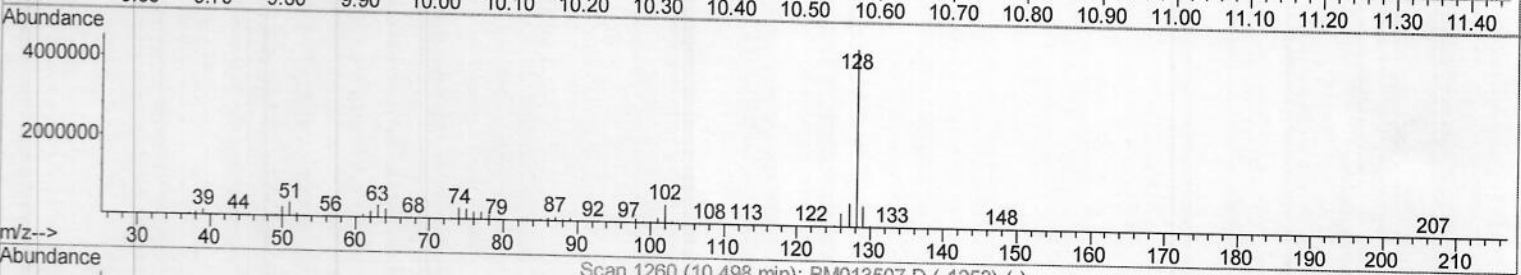
Quant Time: Dec 20 03:38:40 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 20 03:10:37 2017
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Manual Integrations
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Ion 128.00 (127.70 to 128.70): BM013510.D
 Ion 129.00 (128.70 to 129.70): BM013510.D
 Ion 127.00 (126.70 to 127.70): BM013510.D



TIC: BM013510.D

(28) Naphthalene

10.498min (-10.498) 0.00ng/ul

response 0

Ion	Exp%	Act%
128.00	100	0.00
129.00	11.00	0.00#
127.00	13.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

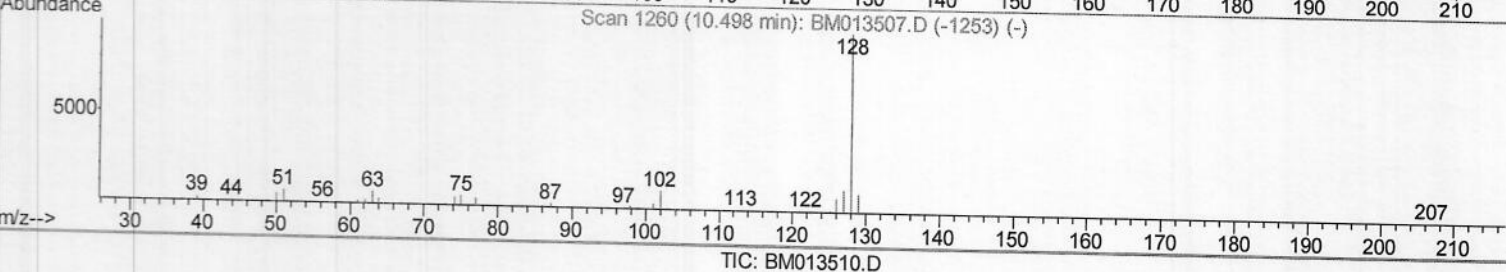
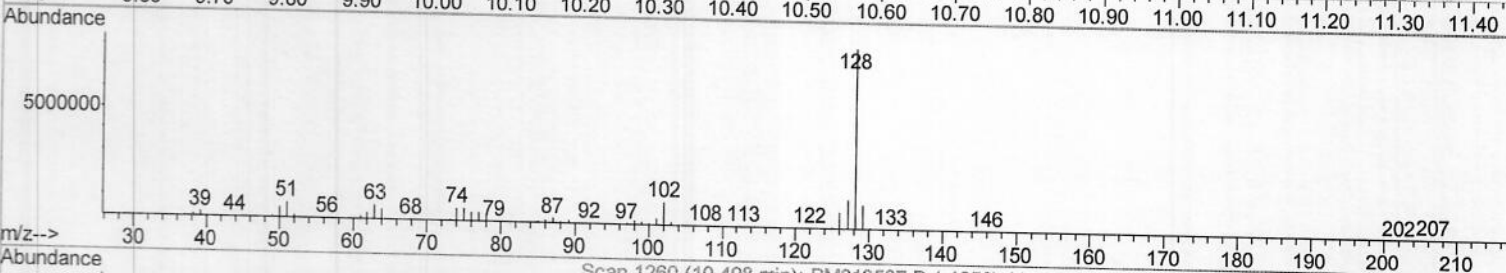
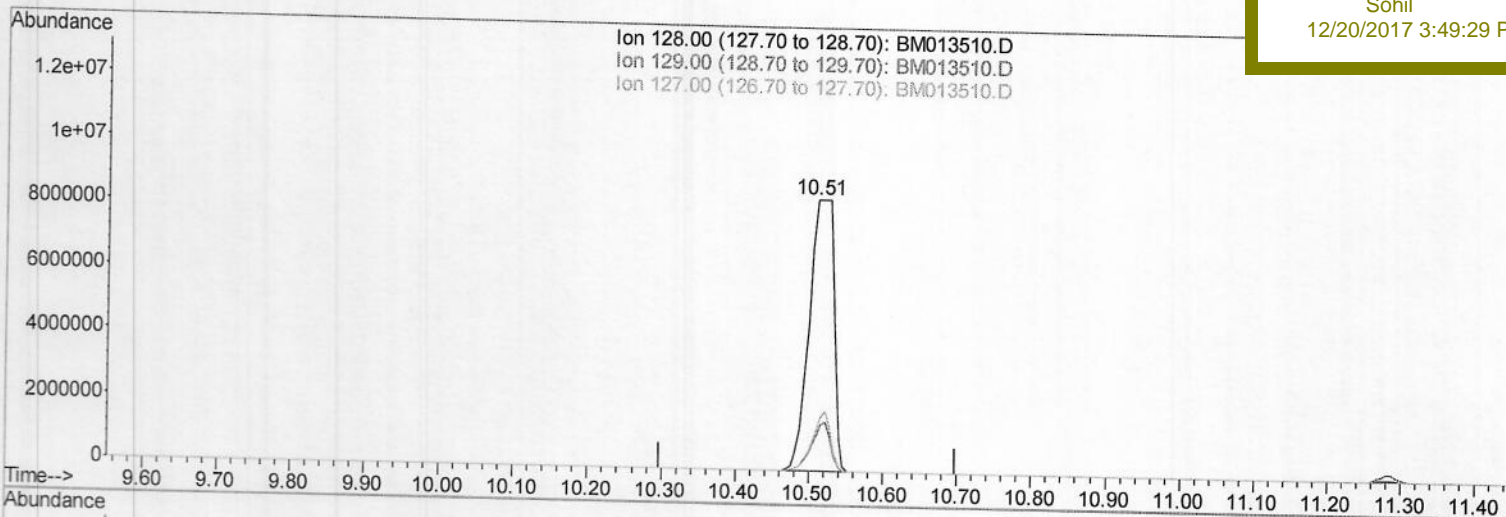
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121917\
 Data File : BM013510.D
 Acq On : 19 Dec 2017 12:35
 Operator : SJ/JU
 Sample : I6775-07ME
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 F9A10ME

Quant Time: Dec 20 03:38:40 2017
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TIC: BM013510.D

(28) Naphthalene

10.510min (+0.012) 564.15ng/ul m > SJ12/27/17

response 19494073

Ion	Exp%	Act%
128.00	100	100
129.00	11.00	13.37#
127.00	13.30	15.67
0.00	0.00	0.00

Quantitation Report (Qedit)

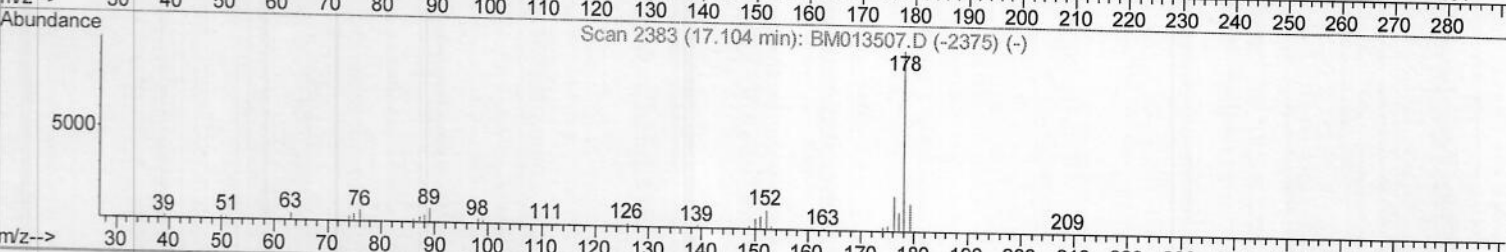
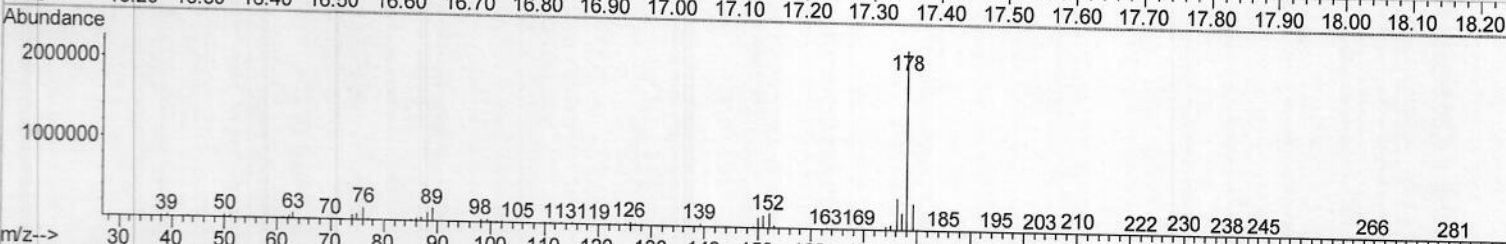
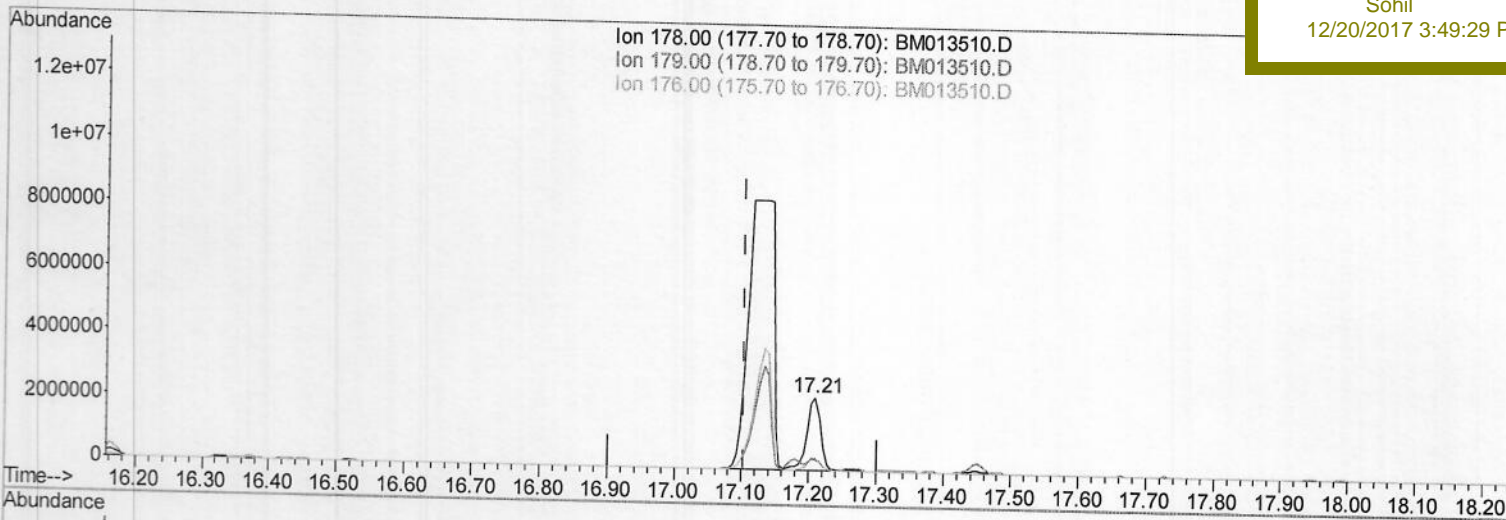
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121917\
 Data File : BM013510.D
 Acq On : 19 Dec 2017 12:35
 Operator : SJ/JU
 Sample : I6775-07ME
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 F9A10ME

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TIC: BM013510.D

(69) Phenanthrene

17.209min (+0.106) 57.74ng/ul

response 3129638

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	15.13
176.00	18.60	17.52
0.00	0.00	0.00

Quantitation Report (Qedit)

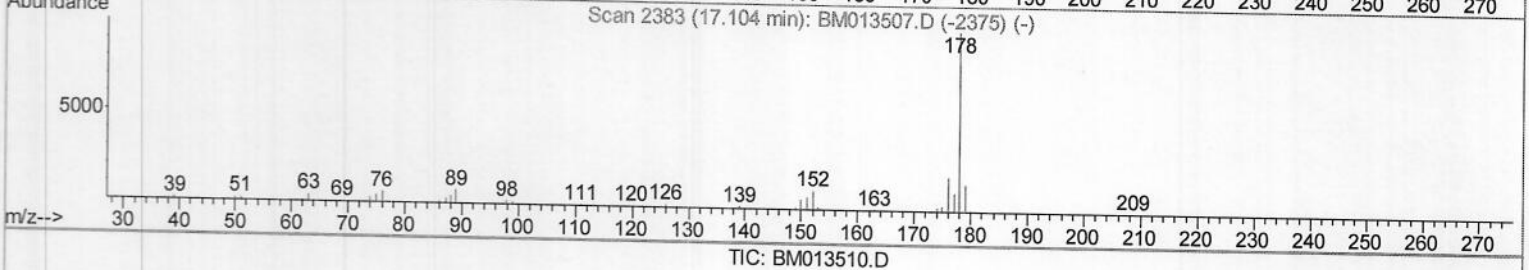
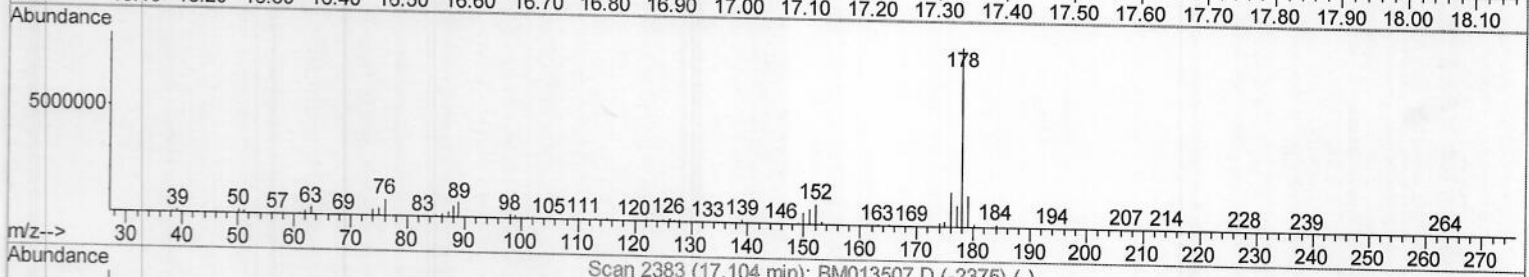
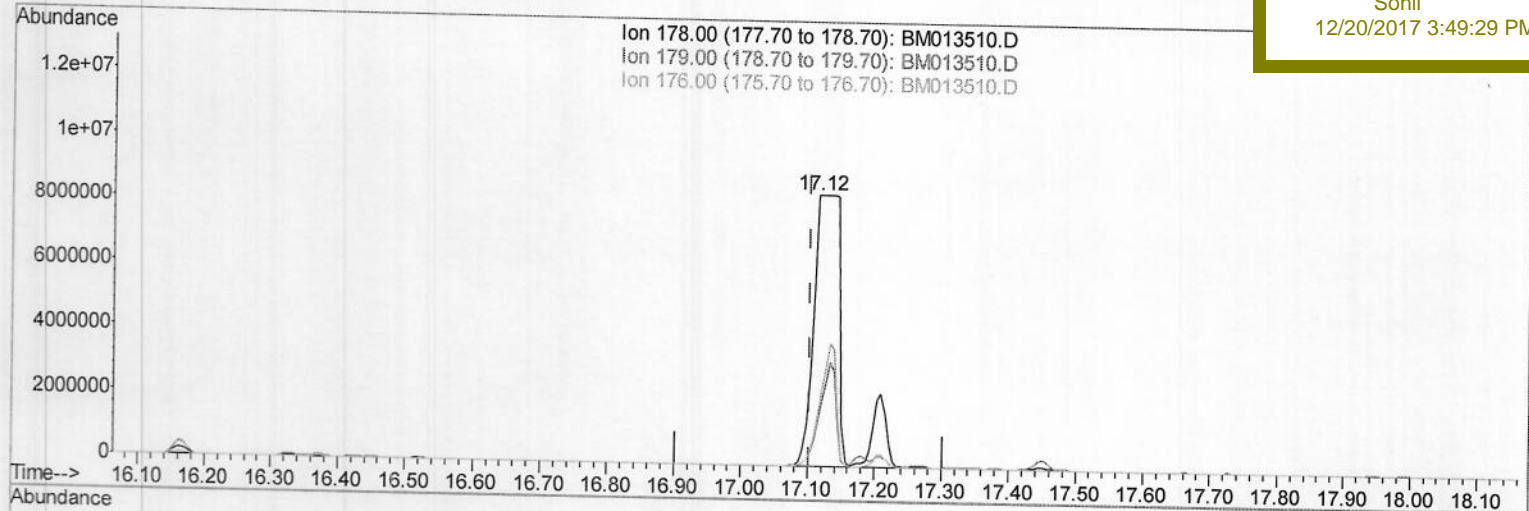
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121917\
 Data File : BM013510.D
 Acq On : 19 Dec 2017 12:35
 Operator : SJ/JU
 Sample : I6775-07ME
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F9A10ME

Quant Time: Dec 20 03:38:40 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 20 03:10:37 2017
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Manual Integrations
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(69) Phenanthrene

17.115min (+0.012) 404.66ng/ul m) SJ12127117

response 21933239

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	16.95
176.00	18.60	19.49
0.00	0.00	0.00

TIC: BM013510.D

Quantitation Report (Qedit)

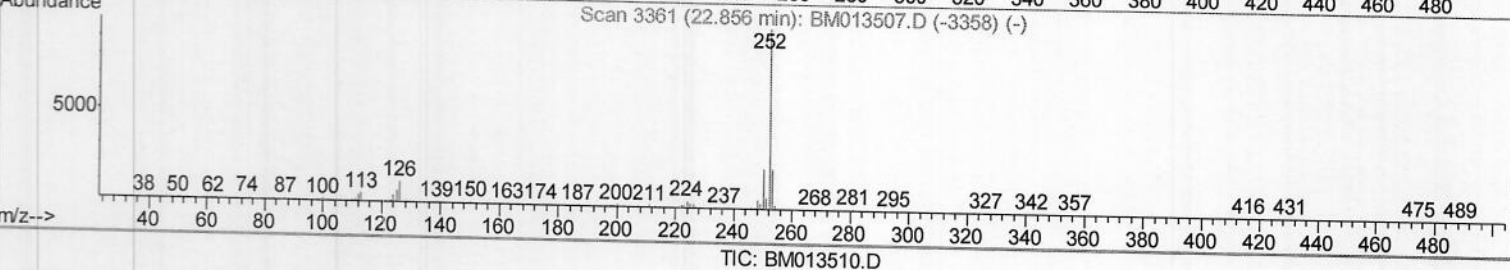
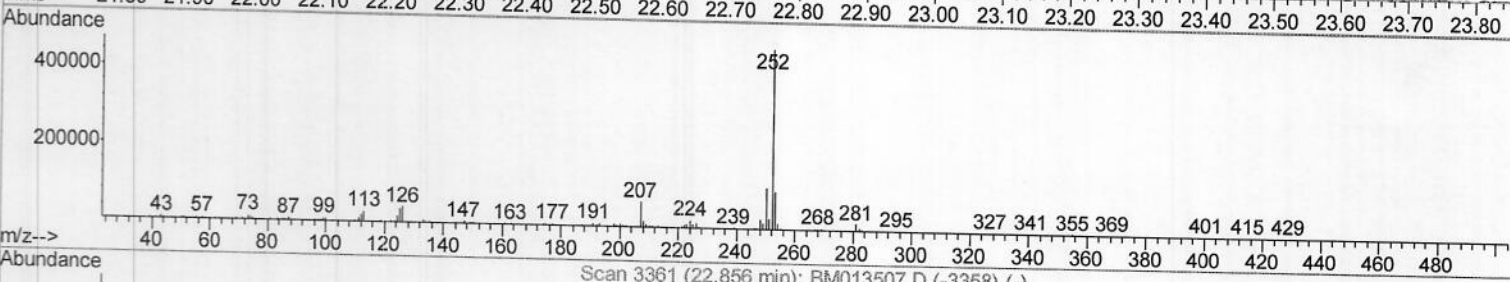
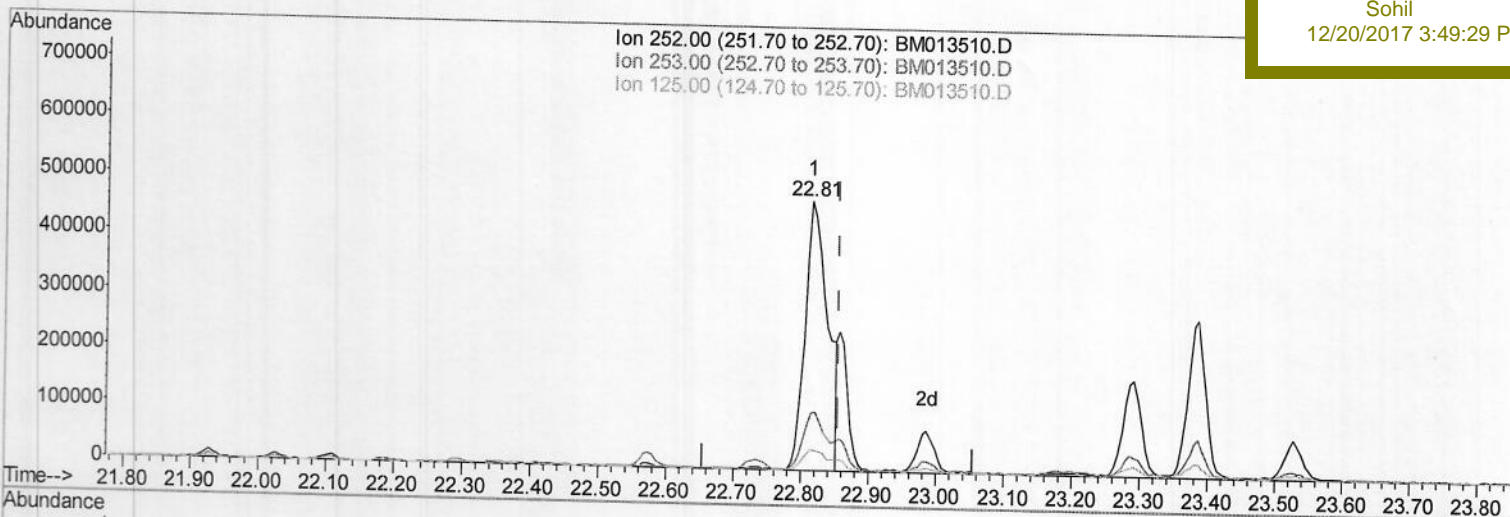
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121917\
 Data File : BM013510.D
 Acq On : 19 Dec 2017 12:35
 Operator : SJ/JU
 Sample : I6775-07ME
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 F9A10ME

Quant Time: Dec 20 03:38:40 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
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TIC: BM013510.D

(86) Benzo(k)fluoranthene
 22.815min (-0.041) 22.20ng/ul
 response 1088453

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.55
125.00	4.30	7.75#
0.00	0.00	0.00

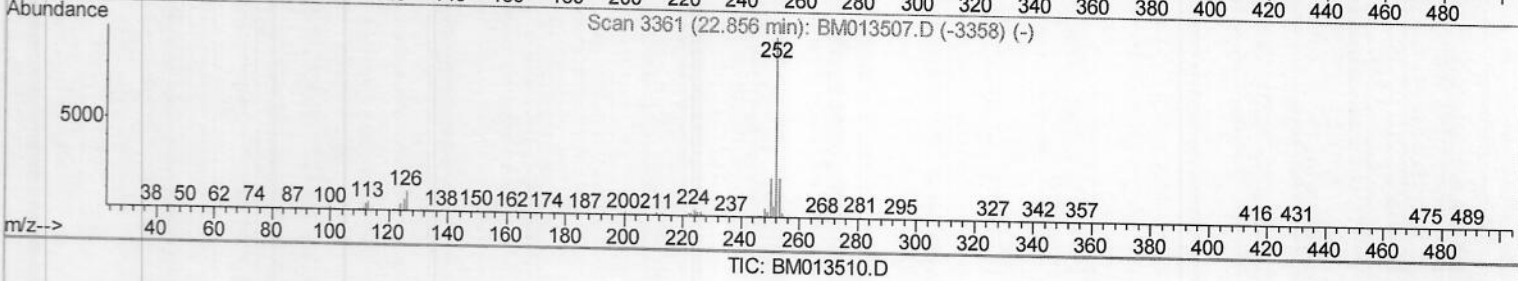
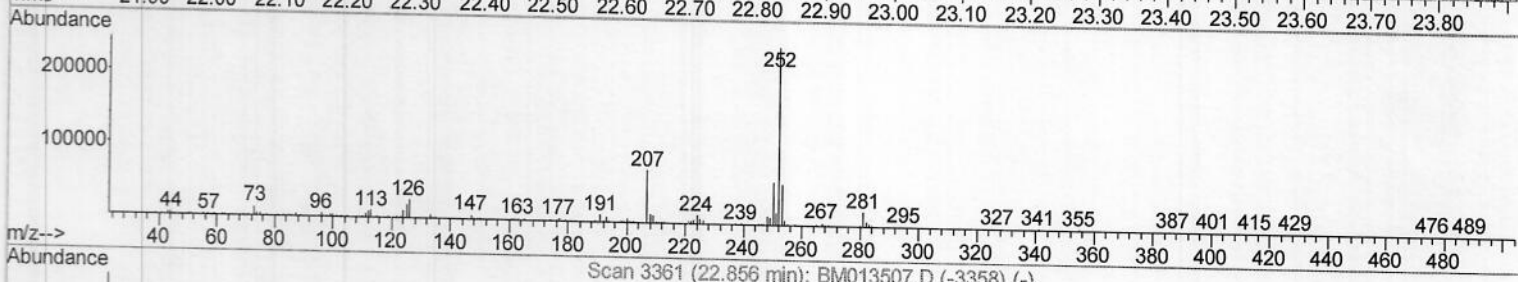
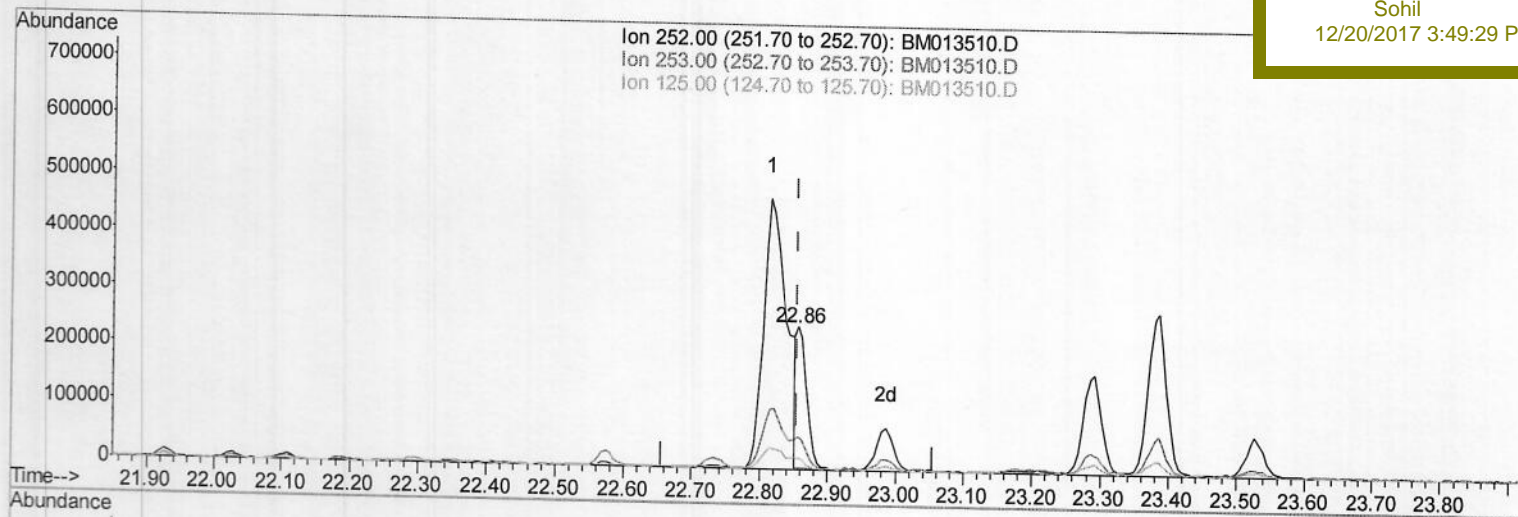
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121917\
 Data File : BM013510.D
 Acq On : 19 Dec 2017 12:35
 Operator : SJ/JU
 Sample : I6775-07ME
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 F9A10ME

Quant Time: Dec 20 03:38:40 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Manual Integrations
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(86) Benzo(k)fluoranthene

22.856min (-0.000) 5.27ng/ul m) SJ 12/27/17

response 258181

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.06
125.00	4.30	7.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

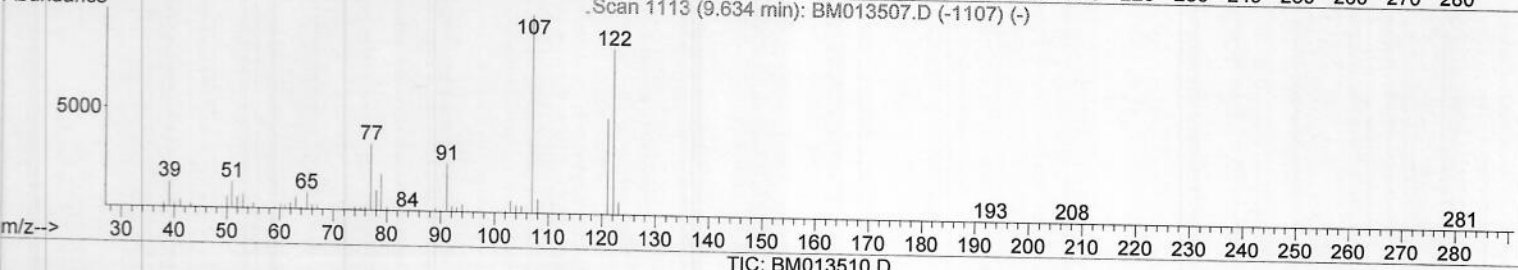
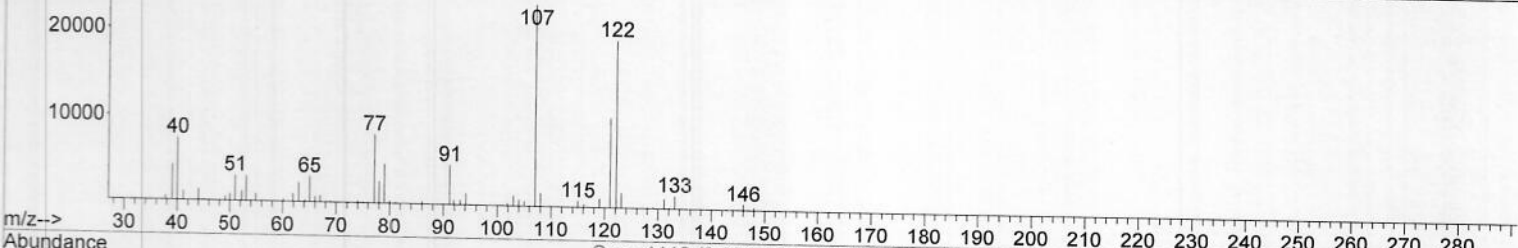
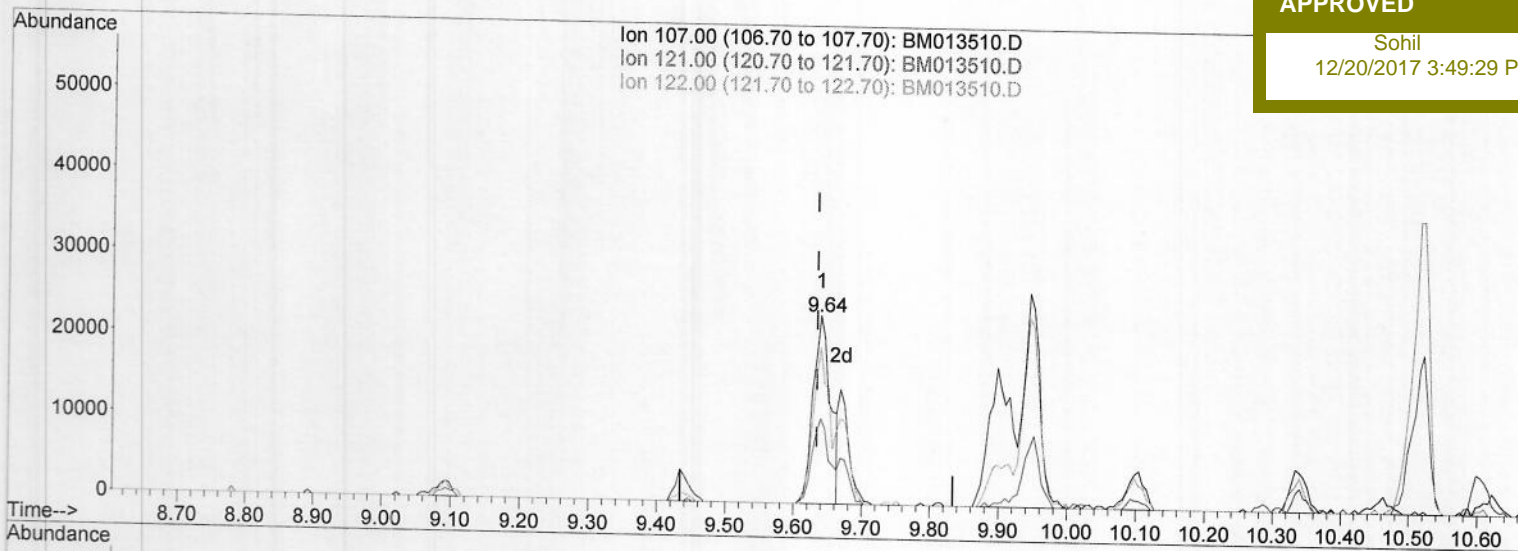
Data Path : Z:\HPCHEM1\BNA M\Data\BM121917\
 Data File : BM013510.D
 Acq On : 19 Dec 2017 12:35
 Operator : SJ/JU
 Sample : I6775-07ME
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 20 03:47:40 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 20 03:10:37 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 Client Sampled :
 F9A10ME

Manual Integrations
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 12/20/2017 3:49:29 PM



(24) 2,4-Dimethylphenol

9.639min (+0.006) 3.25ng/ul

response 41837

Ion	Exp%	Act%
107.00	100	100
121.00	39.90	45.27
122.00	72.20	83.20
0.00	0.00	0.00

TIC: BM013510.D

Quantitation Report (Qedit)

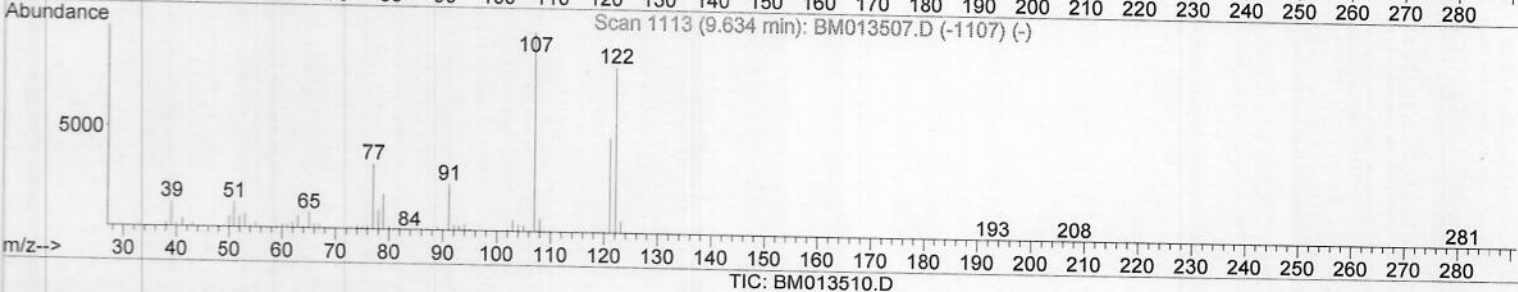
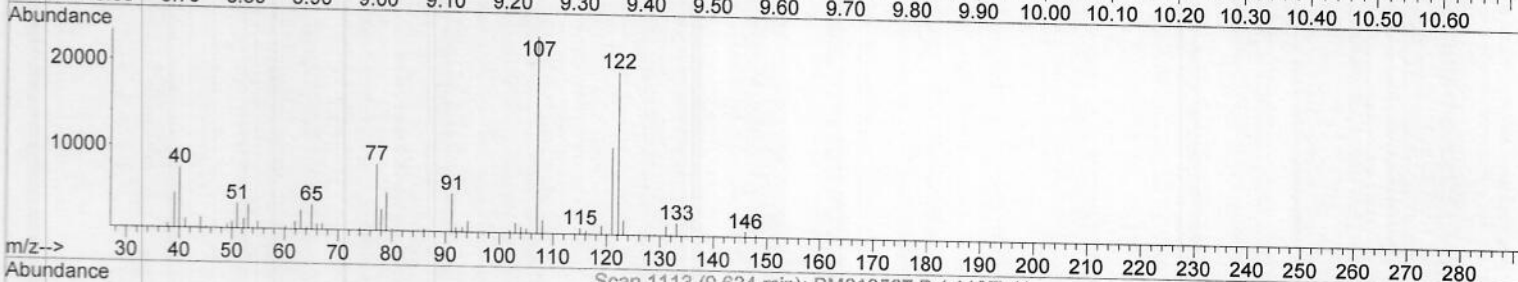
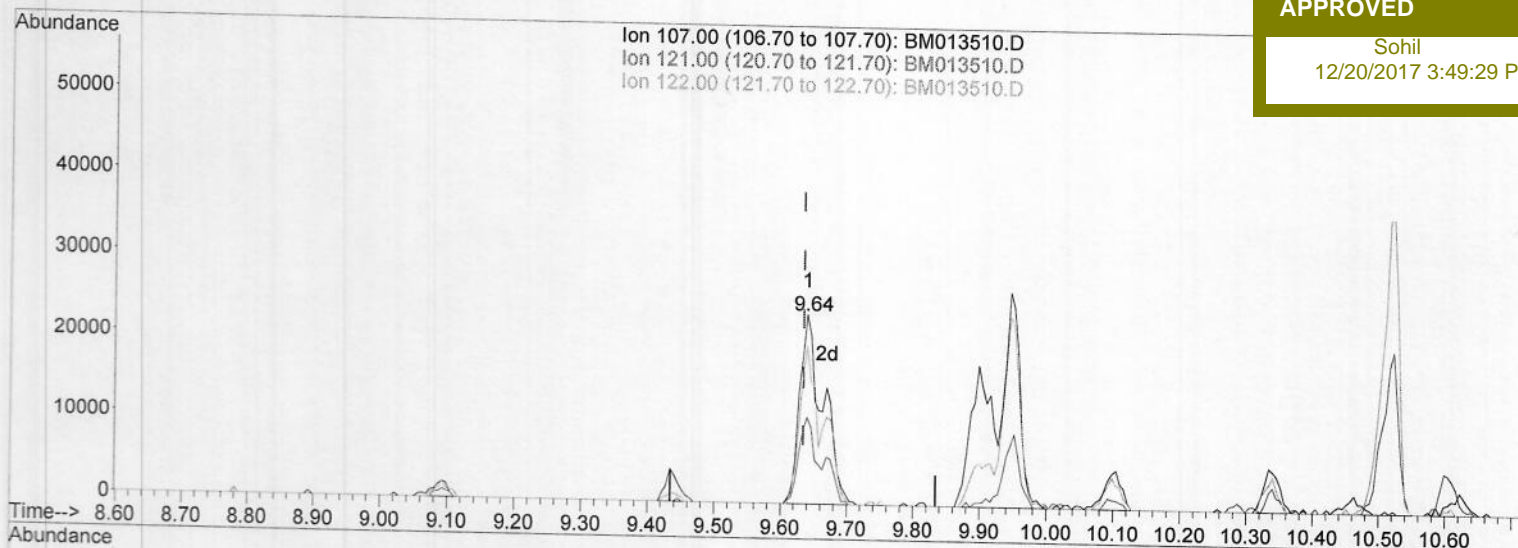
Data Path : Z:\HPCHEM1\BNA M\Data\BM121917\
 Data File : BM013510.D
 Acq On : 19 Dec 2017 12:35
 Operator : SJ/JU
 Sample : I6775-07ME
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 20 03:47:40 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 20 03:10:37 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 Client Sampled :
 F9A10ME

Manual Integrations
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 12/20/2017 3:49:29 PM



(24) 2,4-Dimethylphenol

9.639min (+0.006) 4.39ng/ul m >SS 12/27/17

response 56567

Ion	Exp%	Act%
107.00	100	100
121.00	39.90	45.27
122.00	72.20	83.20
0.00	0.00	0.00

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121917\
 Data File : BM013510.D
 Acq On : 19 Dec 2017 12:35
 Operator : SJ/JU
 Sample : I6775-07ME
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A10ME

Quant Time: Dec 20 10:40:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	153083	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	671635	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	417320	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	954055	20.00	ng/ul	0.01
75) Chrysene-d12	21.26	240	931724	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	772947	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	9724m	3.15	ng/uL	0.00
5) Phenol-d5	6.85	99	230308	17.39	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.01	67	147244	19.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	191776	18.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	206980	18.29	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	108873	20.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	117075	20.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	215369	18.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	284958	26.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	730222	19.66	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	883932	19.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	91047	14.11	ng/ul	0.00
57) Fluorene-d10	15.32	176	626870	19.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	67727	11.28	ng/ul	0.02
70) Anthracene-d10	17.17	188	976788	20.44	ng/ul	0.01
76) Pyrene-d10	19.47	212	1070143	23.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	781767	19.86	ng/ul	0.00

SJ 12/27/17

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) 4-Methylphenol	8.45	108	13387	1.236	ng/ul#	75
24) 2,4-Dimethylphenol	9.64	107	56567m	4.389	ng/ul	
28) Naphthalene	10.51	128	19494073m	564.149	ng/ul	
34) 2-Methylnaphthalene	12.12	142	2947549	113.473	ng/ul	94
40) 1,1'-Biphenyl	13.15	154	1049774	29.764	ng/ul	97
47) Acenaphthylene	14.03	152	291228	6.867	ng/ul#	95
49) Acenaphthene	14.39	153	6123877	211.975	ng/ul	98
53) Dibenzofuran	14.72	168	5491295	128.756	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.95	232	27621	3.021	ng/ul#	77
58) Fluorene	15.37	166	5815447	164.827	ng/ul	99
68) Pentachlorophenol	16.73	266	1067357	149.210	ng/ul	97
69) Phenanthrene	17.12	178	21933239m	404.660	ng/ul	
71) Anthracene	17.21	178	3129638	56.489	ng/ul	99
72) Carbazole	17.47	167	1756068	36.850	ng/ul	100
74) Fluoranthene	19.14	202	15541013	233.971	ng/ul#	82
77) Pyrene	19.50	202	11968078	211.432	ng/ul#	88
80) Benzo(a)anthracene	21.24	228	2394207	40.500	ng/ul	98
82) Chrysene	21.30	228	1976489	36.038	ng/ul	98
85) Benzo(b)fluoranthene	22.81	252	1088453	20.889	ng/ul#	97
86) Benzo(k)fluoranthene	22.86	252	258181m	5.265	ng/ul	
88) Benzo(a)pyrene	23.39	252	504560	10.780	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.71	276	124588	2.683	ng/ul#	92
90) Dibenzo(a,h)anthracene	25.71	278	41951	1.061	ng/ul#	89

SJ 12/27/17

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Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121917\
 Data File : BM013510.D
 Acc On : 19 Dec 2017 12:35
 Operator : SJ/JU
 Sample : I6775-07ME
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 20 10:40:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
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Client Sampled :
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Manual Integrations
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 12/20/2017 3:49:29 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
91) Benzo(q,h,i)perylene	26.40	276	77240	2.108	ng/ul#	84

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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121917\
 Data File : BM013510.D
 Acq On : 19 Dec 2017 12:35
 Operator : SJ/JU
 Sample : I6775-07ME
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 F9A10ME

Quant Time: Dec 20 10:40:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 20 03:10:37 2017
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 12/20/2017 3:49:29 PM

