

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012418\
 Data File : BM013785.D
 Acq On : 25 Jan 2018 01:25
 Operator : SJ/JU
 Sample : J1222-09DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 25 03:36:46 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 25 03:36:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	133071	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	513212	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	297186	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	689773	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	762078	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	774232	20.00	ng/ul	0.00

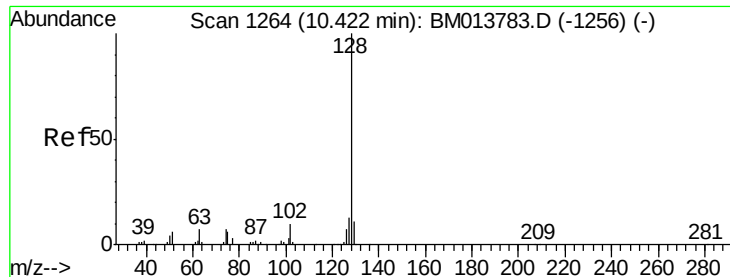
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	1287	0.38	ng/uL	0.00
5) Phenol-d5	6.79	99	26257	2.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	17219	2.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	25353	3.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	20562	2.62	ng/ul	0.01
19) Nitrobenzene-d5	8.75	128	12470	3.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	12171	2.89	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.02	165	21883	2.69	ng/ul	0.01
29) 4-Chloroaniline-d4	10.54	131	12662	1.80	ng/ul	0.02
43) Dimethylphthalate-d6	13.66	166	82535	3.37	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	99550	3.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	720	0.18	ng/ul	-0.01
57) Fluorene-d10	15.24	176	74366	3.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	7937	1.91	ng/ul	0.00
70) Anthracene-d10	17.10	188	114387	3.40	ng/ul	0.00
76) Pyrene-d10	19.40	212	133657	3.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	128339	3.61	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.42	128	48597	1.903 ng/ul	97
32) Caprolactam	11.39	113	2578	1.183 ng/ul	97
34) 2-Methylnaphthalene	12.04	142	148568	7.805 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.89	232	16810	2.695 ng/ul#	96
68) Pentachlorophenol	16.66	266	233492	50.105 ng/ul	98
69) Phenanthrene	17.04	178	88536	2.309 ng/ul	96
71) Anthracene	17.04	178	88536	2.239 ng/ul	95

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



#28

Naphthalene

Concen: 1.903 ng/ul

RT: 10.42 min Scan# 1264

Delta R.T. 0.00 min

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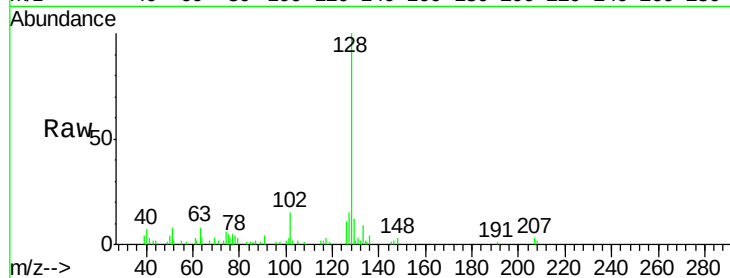
Tot Ion:128 Resp: 48597

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

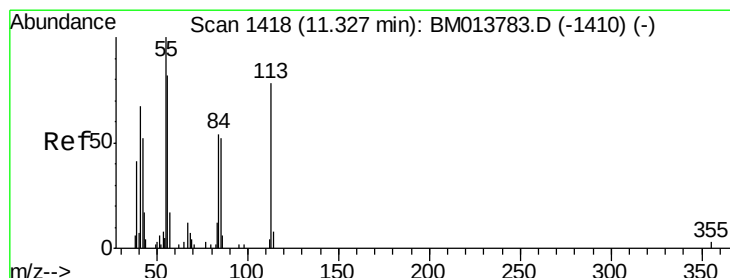
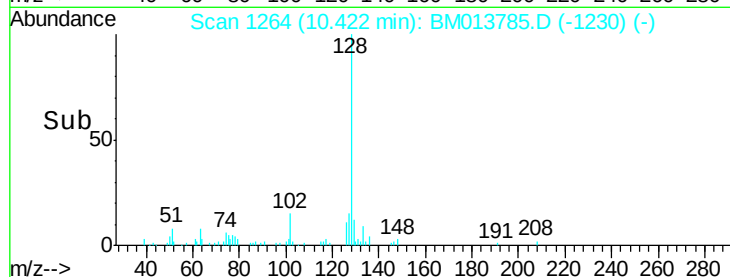
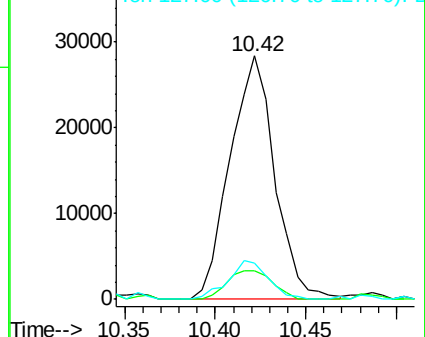
127 14.8 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Caprolactam

Concen: 1.183 ng/ul

RT: 11.39 min Scan# 1429

Delta R.T. 0.06 min

Lab File: BM013785.D

Acq: 25 Jan 2018 01:25

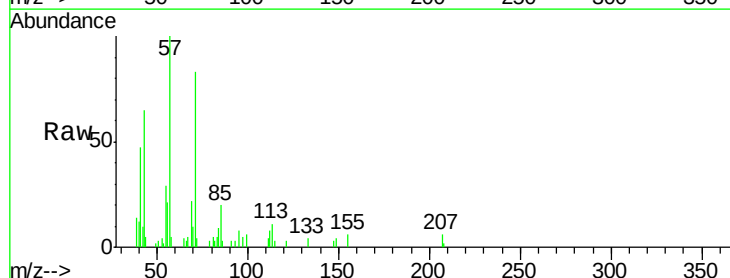
Tgt Ion:113 Resp: 2578

Ion Ratio Lower Upper

113 100

55 263.6 208.0 312.0

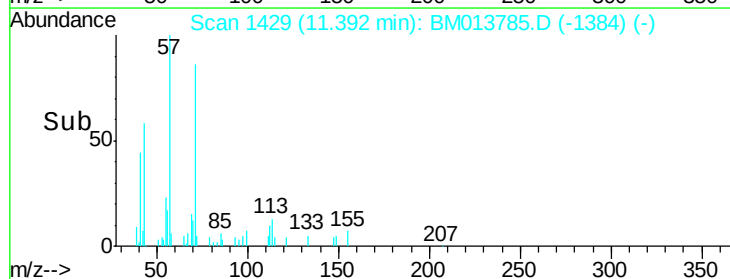
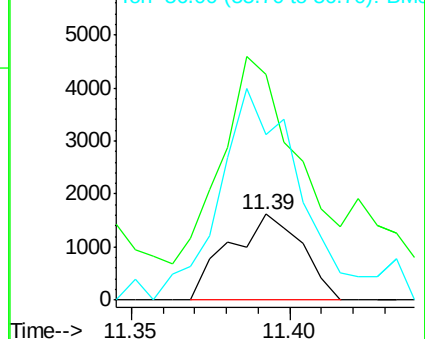
56 193.1 160.0 240.0

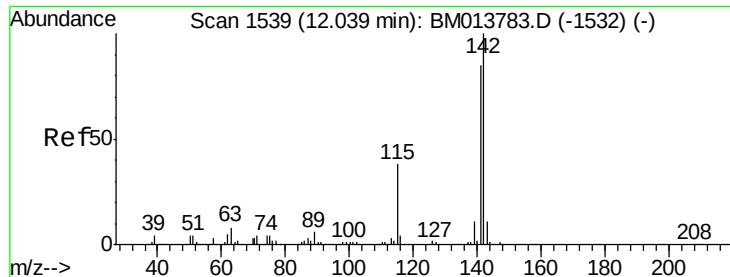


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0

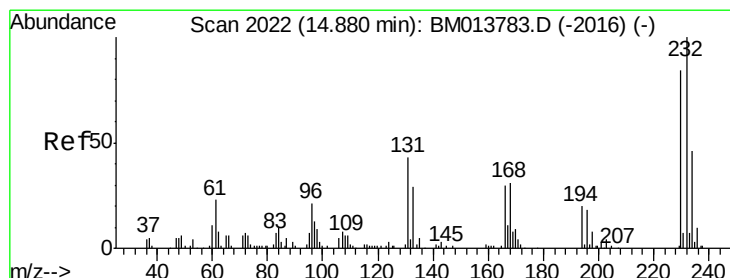
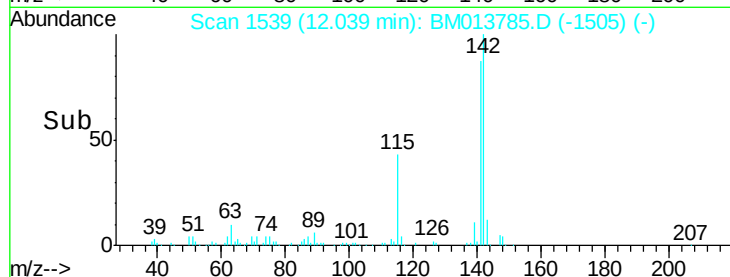
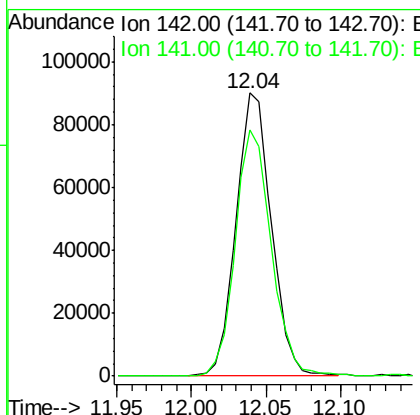
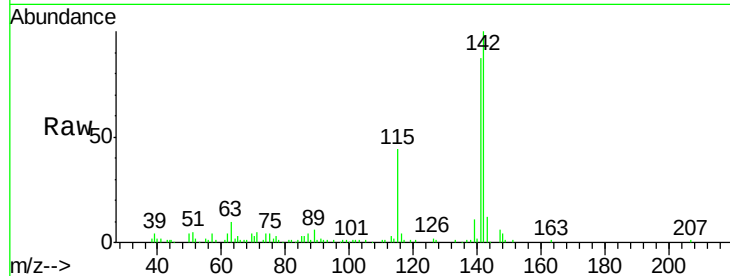




#34
2-Methylnaphthalene
Concen: 7.805 ng/ul
RT: 12.04 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BM013785.D
Acq: 25 Jan 2018 01:25

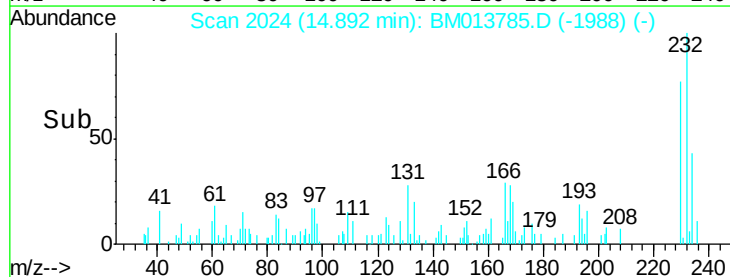
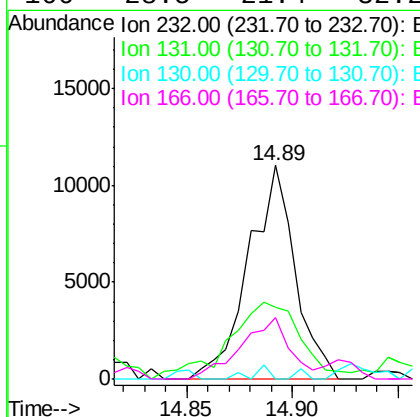
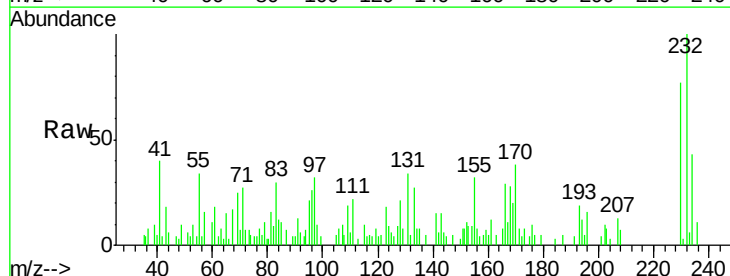
Instrument :
BNA_M
ClientSampled :

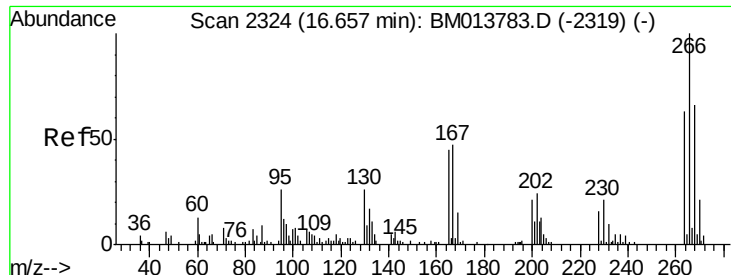
Tot Ion:142 Resp: 148568
Ion Ratio Lower Upper
142 100
141 87.1 74.1 111.1



#55
2,3,4,6-Tetrachlorophenol
Concen: 2.695 ng/ul
RT: 14.89 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BM013785.D
Acq: 25 Jan 2018 01:25

Tgt Ion:232 Resp: 16810
Ion Ratio Lower Upper
232 100
131 33.7 29.0 43.4
130 0.0 2.0 3.0#
166 28.5 21.4 32.2

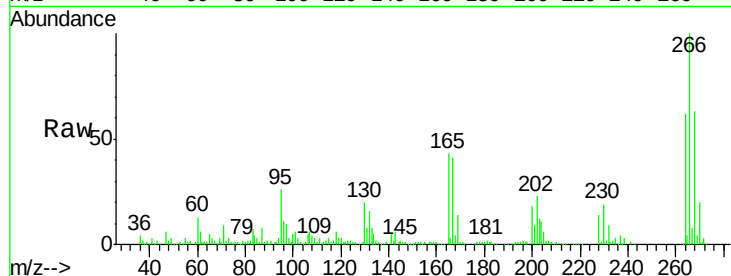




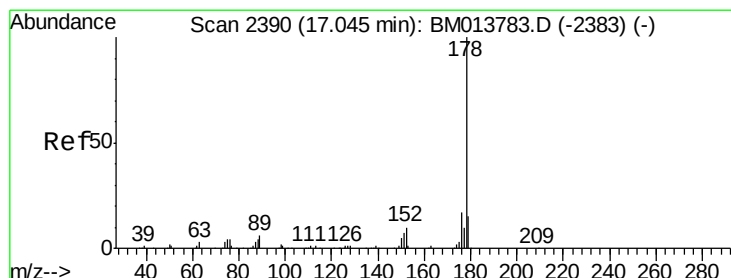
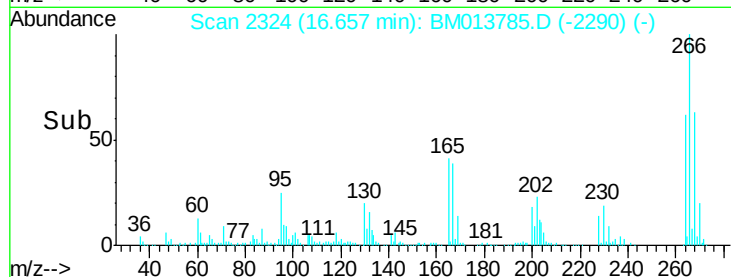
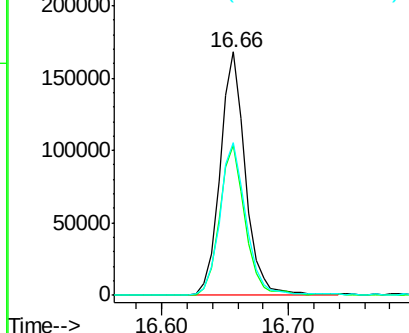
#68
 Pentachlorophenol
 Concen: 50.105 ng/ul
 RT: 16.66 min Scan# 2324
 Delta R.T. 0.00 min
 Lab File: BM013785.D
 Acq: 25 Jan 2018 01:25

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:266 Resp: 233492
 Ion Ratio Lower Upper
 266 100
 264 61.8 49.3 73.9
 268 62.8 52.6 78.8

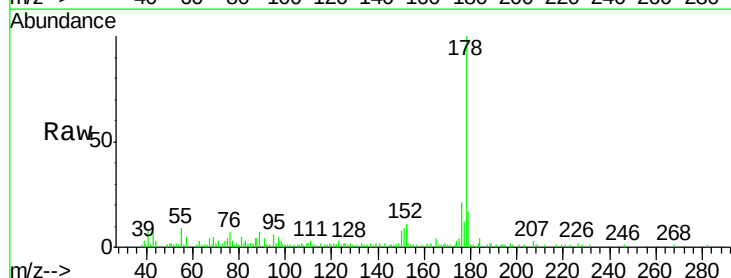


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

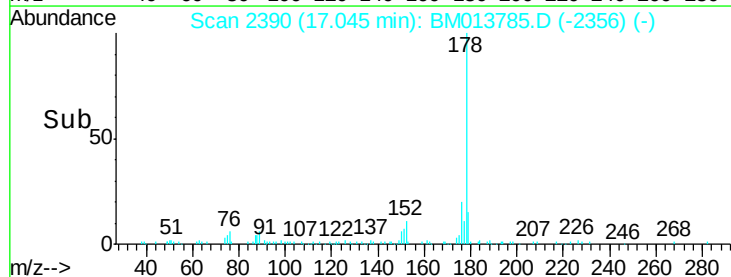
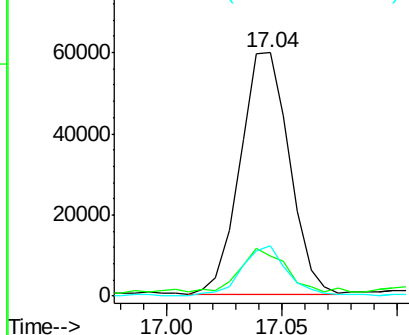


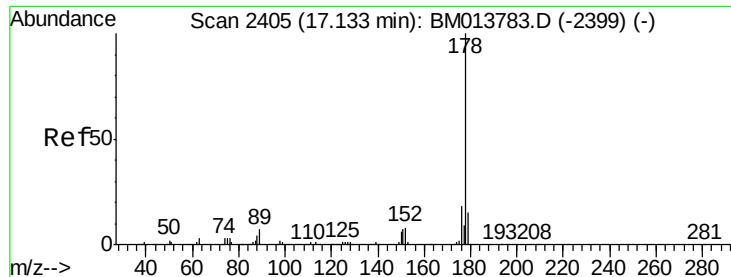
#69
 Phenanthrene
 Concen: 2.309 ng/ul
 RT: 17.04 min Scan# 2390
 Delta R.T. 0.00 min
 Lab File: BM013785.D
 Acq: 25 Jan 2018 01:25

Tgt Ion:178 Resp: 88536
 Ion Ratio Lower Upper
 178 100
 179 16.7 12.6 19.0
 176 20.7 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

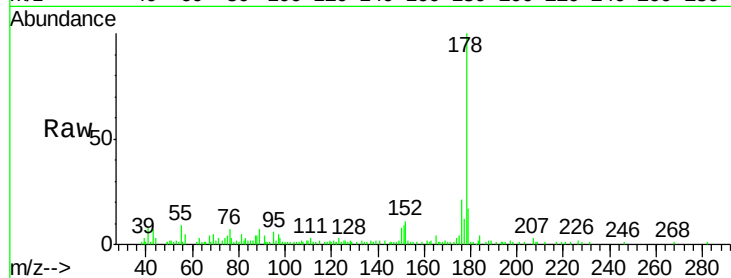




#71
 Anthracene
 Concen: 2.239 ng/ul
 RT: 17.04 min Scan# 2390
 Delta R.T. -0.09 min
 Lab File: BM013785.D
 Acq: 25 Jan 2018 01:25

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.7	11.7	17.5
176	20.7	14.6	21.8



Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

