

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
 Data File : BM013868.D
 Acq On : 27 Jan 2018 05:34
 Operator : SJ/JU
 Sample : J1223-11DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A77DL

Manual Integrations
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Quant Time: Jan 27 21:12:00 2018
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 27 04:13:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	155334	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	579026	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	325972	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	719992	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	774583	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	790683	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	1863	0.47	ng/uL	0.00
5) Phenol-d5	6.78	99	36113	3.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	25092	3.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	34913	3.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	16076	1.75	ng/ul	0.02
19) Nitrobenzene-d5	8.75	128	17772m	3.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	17584	3.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	26382	2.88	ng/ul	0.02
29) 4-Chloroaniline-d4	10.53	131	31522	3.96	ng/ul	0.02
43) Dimethylphthalate-d6	13.66	166	116525	4.34	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	139594	4.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	5962m	1.37	ng/ul	0.05
57) Fluorene-d10	15.24	176	102794	4.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	9666	2.23	ng/ul	0.01
70) Anthracene-d10	17.09	188	157231	4.48	ng/ul	0.00
76) Pyrene-d10	19.39	212	180947	5.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	168372	4.63	ng/ul	0.00

Target Compounds

					Qvalue
44) Dimethylphthalate	13.70	163	32311	1.223	ng/ul 99
49) Acenaphthene	14.30	153	45166	2.080	ng/ul 96
55) 2,3,4,6-Tetrachlorophenol	14.88	232	17926m	2.620	ng/ul
68) Pentachlorophenol	16.65	266	261223	53.704	ng/ul 95
69) Phenanthrene	17.03	178	121632	3.039	ng/ul# 95
74) Fluoranthene	19.06	202	1032446	21.612	ng/ul# 96
77) Pyrene	19.42	202	763267	16.209	ng/ul# 95
80) Benzo(a)anthracene	21.17	228	138072	2.950	ng/ul 98
82) Chrysene	21.23	228	141957	3.306	ng/ul 96
85) Benzo(b)fluoranthene	22.73	252	66344	1.366	ng/ul# 80

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

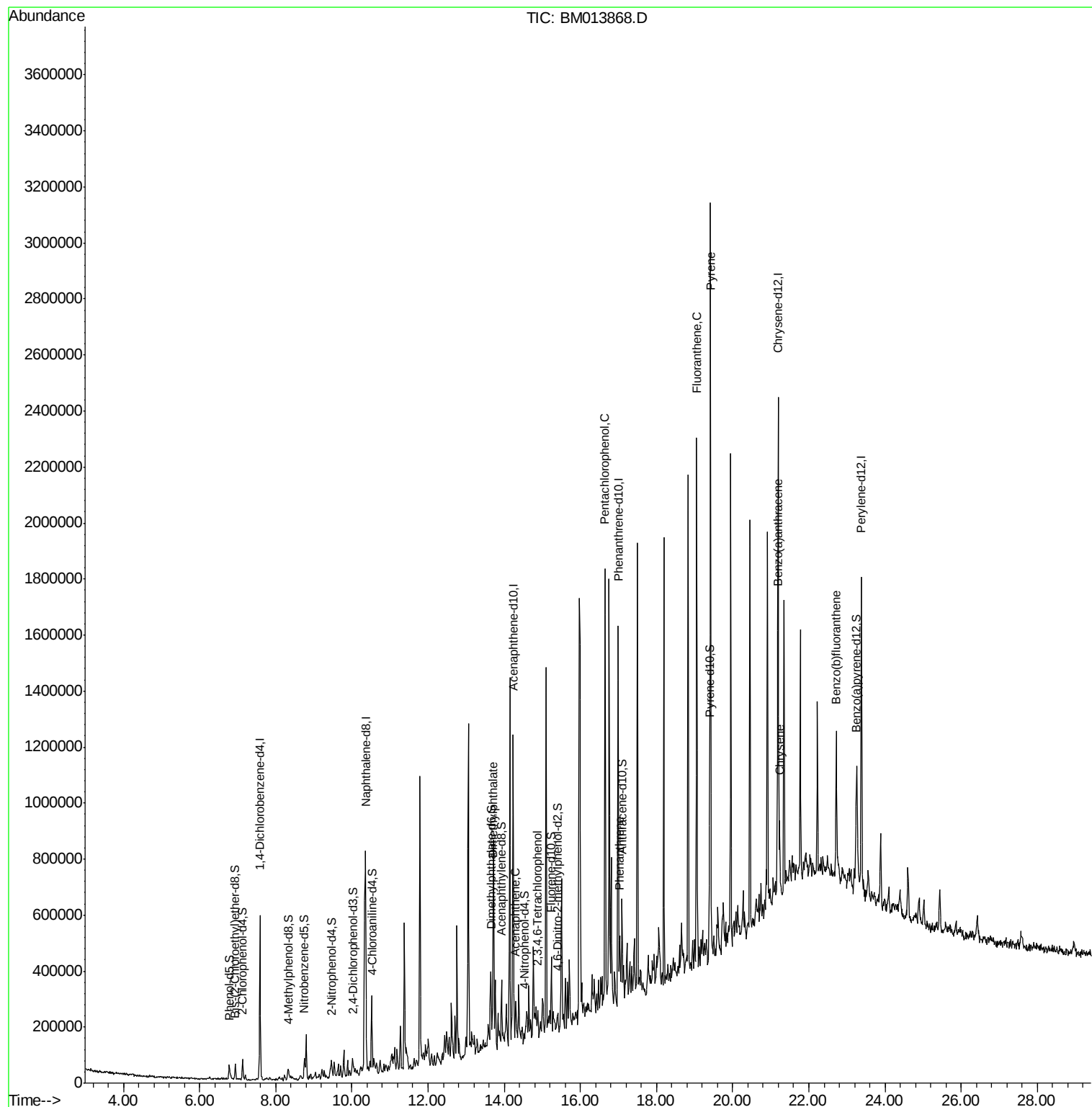
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013868.D
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Operator : SJ/JU
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ALS Vial : 32 Sample Multiplier: 1

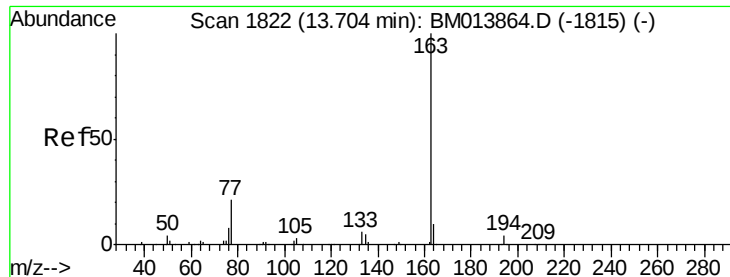
Instrument :
BNA_M
ClientSampleId :
F6A77DL

Quant Time: Jan 27 21:12:00 2018
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
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Response via : Initial Calibration

Manual Integrations
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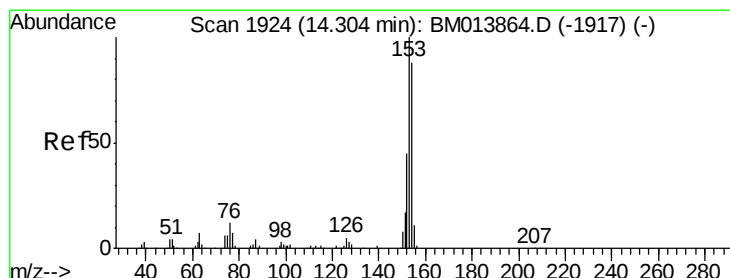
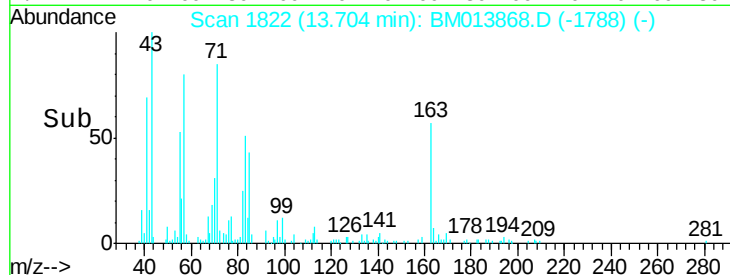
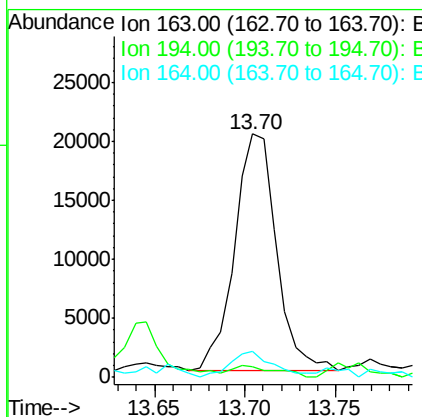
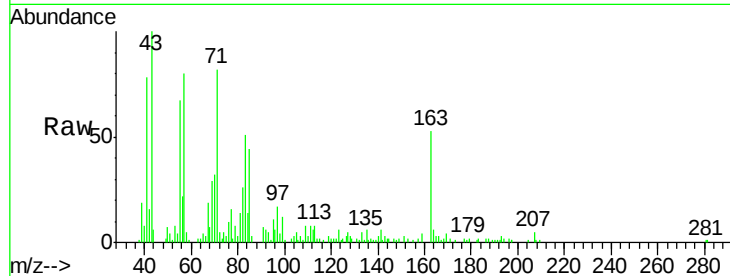
#44
Dimethylphthalate
Concen: 1.223 ng/ul
RT: 13.70 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM013868.D
Acq: 27 Jan 2018 05:34

Instrument :
BNA_M
ClientSampled :
F6A77DL

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	32311		
194	4.5	3.5	5.3	
164	10.7	8.2	12.4	

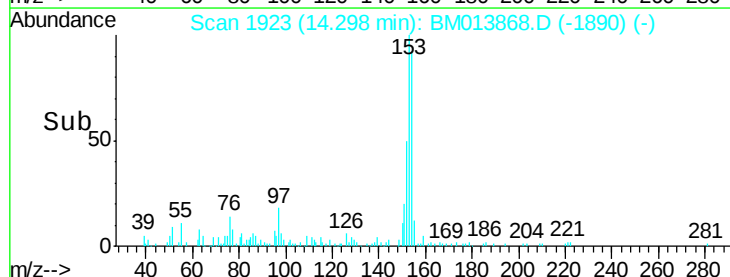
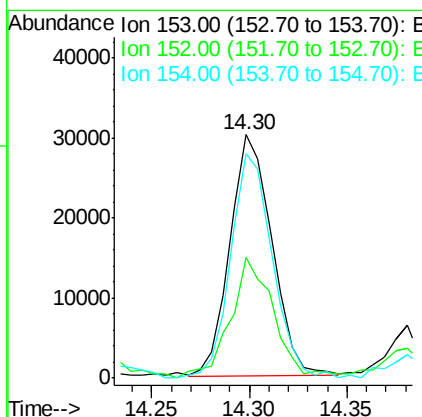
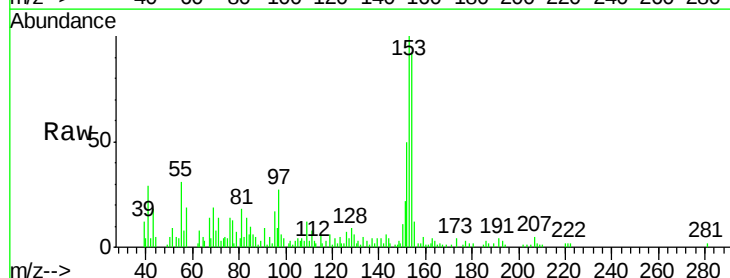
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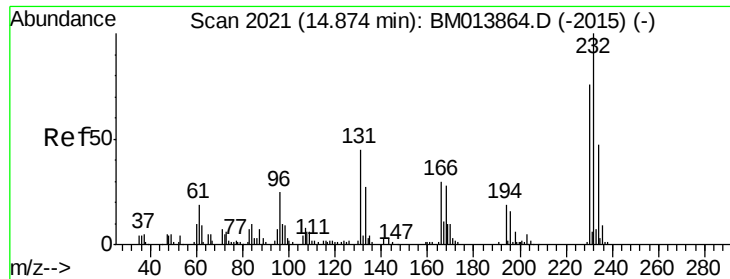
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#49
Acenaphthene
Concen: 2.080 ng/ul
RT: 14.30 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM013868.D
Acq: 27 Jan 2018 05:34

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	45166		
152	49.6	37.6	56.4	
154	92.1	70.4	105.6	





#55

2,3,4,6-Tetrachlorophenol

Concen: 2.620 ng/ul m

RT: 14.88 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BM013868.D

Acq: 27 Jan 2018 05:34

Instrument :

BNA_M

ClientSampleID :

F6A77DL

Tgt Ion:232 Resp: 17926
Ion Ratio Lower Upper

232 100

131 55.2 29.0 43.4#

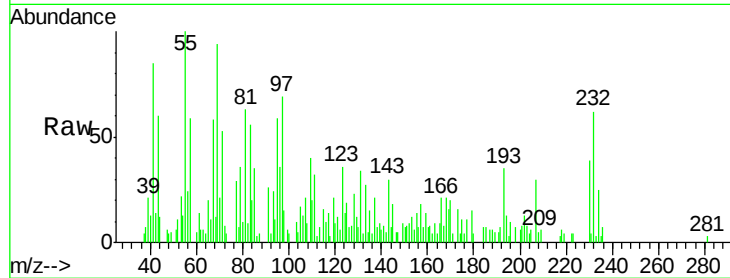
130 11.1 2.0 3.0#

166 34.7 21.4 32.2#

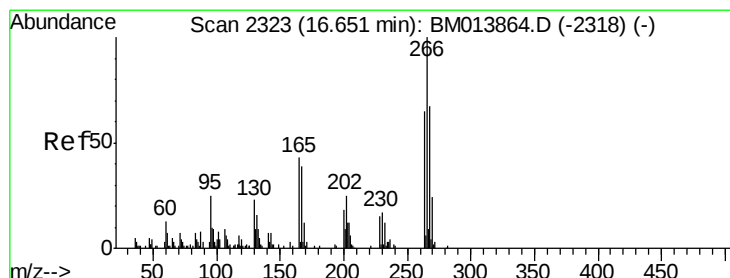
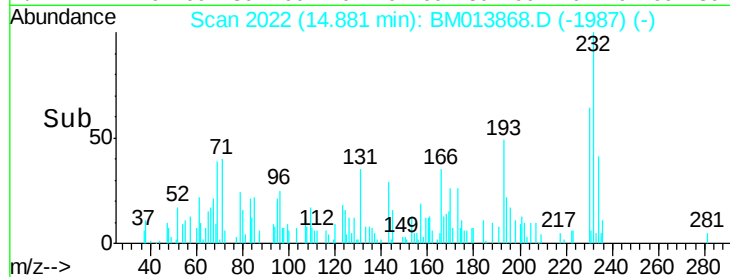
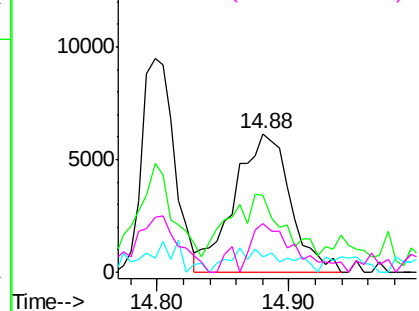
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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#68

Pentachlorophenol

Concen: 53.704 ng/ul

RT: 16.65 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BM013868.D

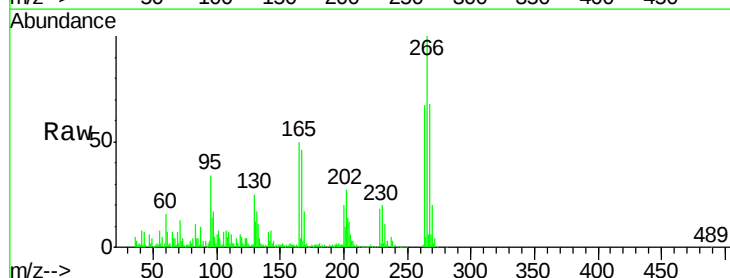
Acq: 27 Jan 2018 05:34

Tgt Ion:266 Resp: 261223
Ion Ratio Lower Upper

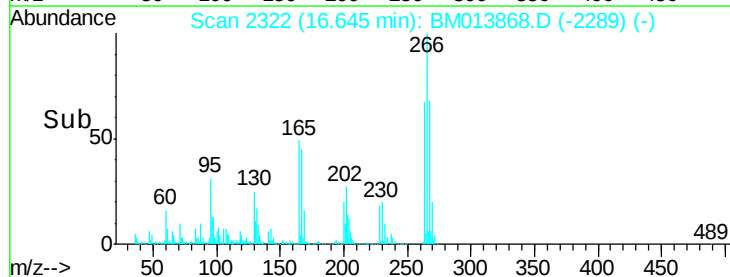
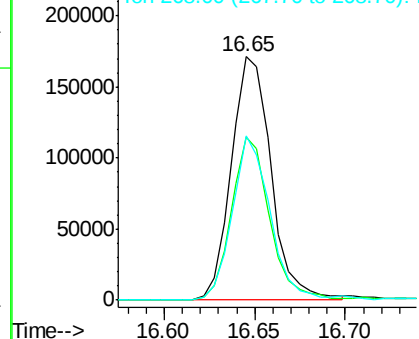
266 100

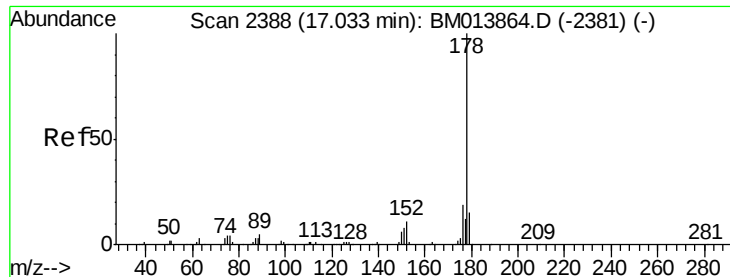
264 67.0 49.3 73.9

268 67.6 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: 3.039 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BM013868.D

Acq: 27 Jan 2018 05:34

Instrument :

BNA_M

ClientSampleId :

F6A77DL

Tgt Ion:178 Resp: 121632
Ion Ratio Lower Upper

178 100

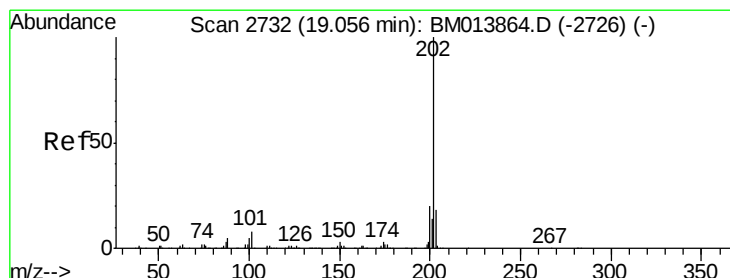
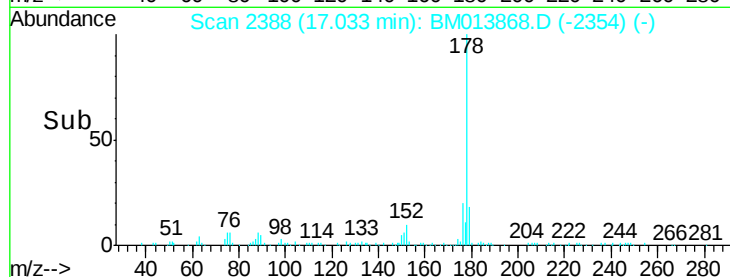
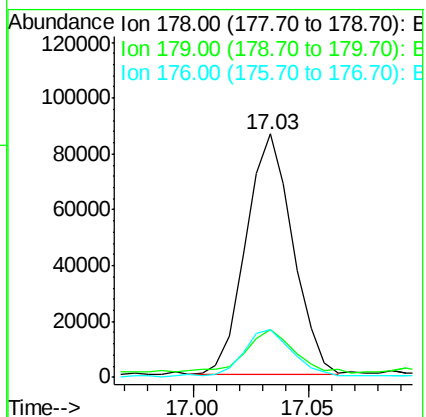
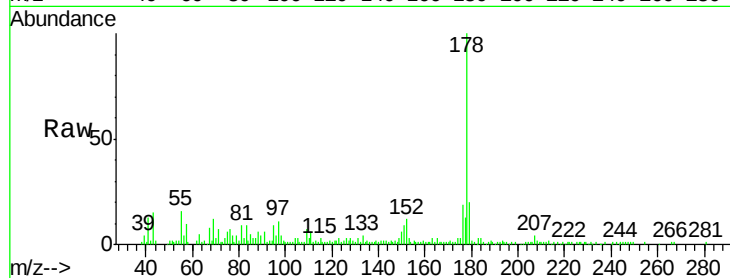
179 19.8 12.6 19.0#

176 19.5 14.9 22.3

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#74

Fluoranthene

Concen: 21.612 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. 0.00 min

Lab File: BM013868.D

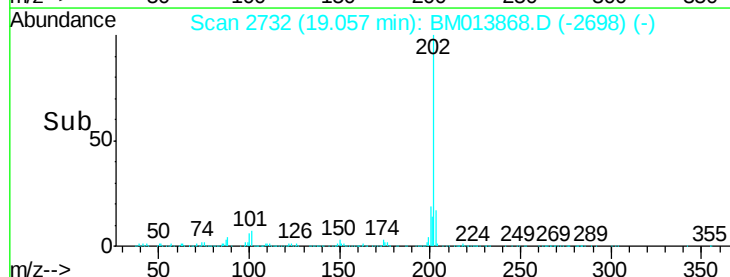
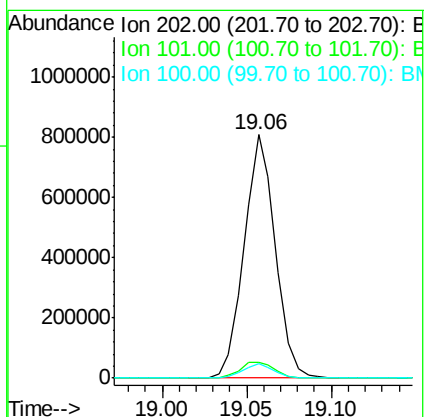
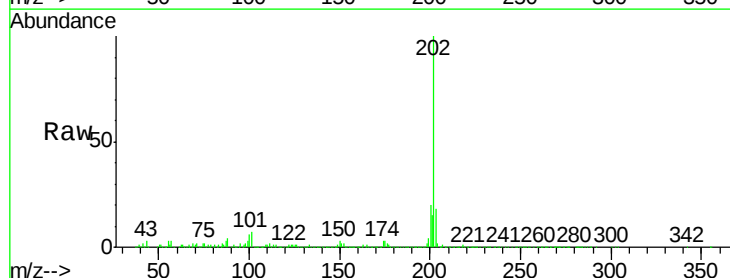
Acq: 27 Jan 2018 05:34

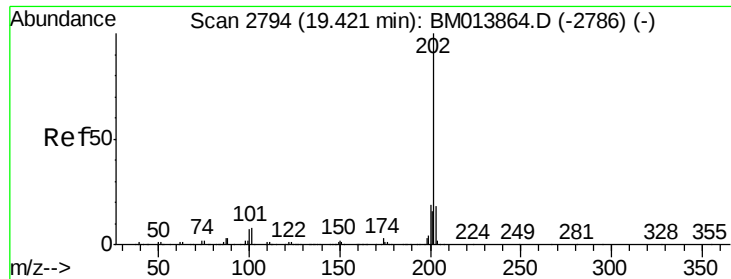
Tgt Ion:202 Resp: 1032446
Ion Ratio Lower Upper

202 100

101 6.7 4.6 7.0

100 6.0 3.4 5.2#





#77

Pyrene

Concen: 16.209 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BM013868.D

Acq: 27 Jan 2018 05:34

Instrument :

BNA_M

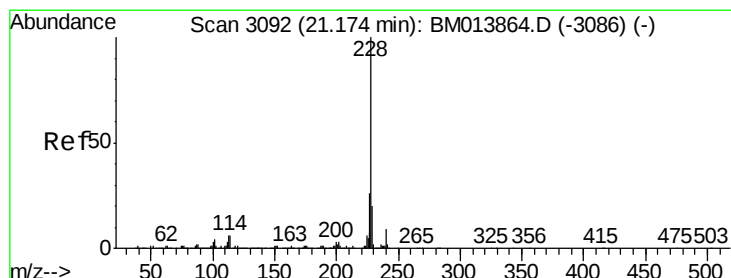
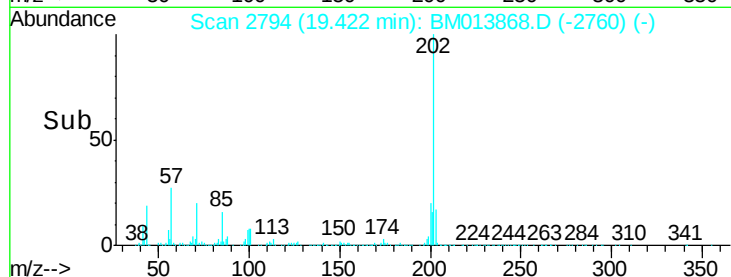
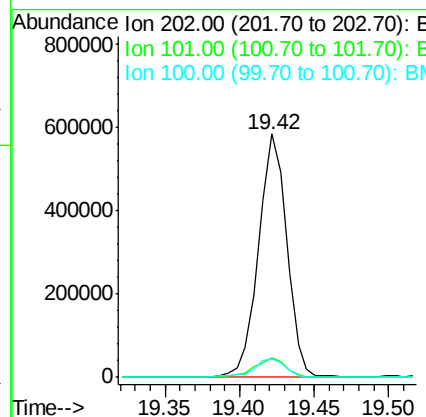
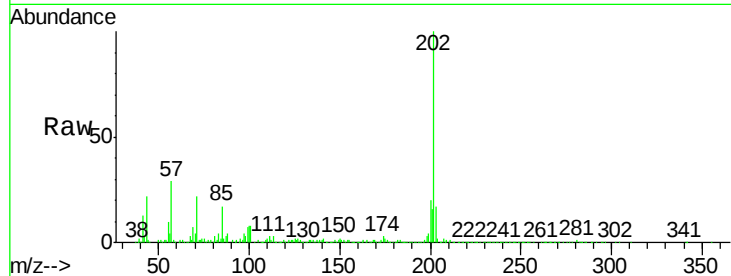
ClientSampleId :

F6A77DL

Tgt Ion:	202	Resp:	763267
Ion Ratio	Lower	Upper	
202	100		
101	7.9	5.1	7.7#
100	7.6	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 2.950 ng/ul

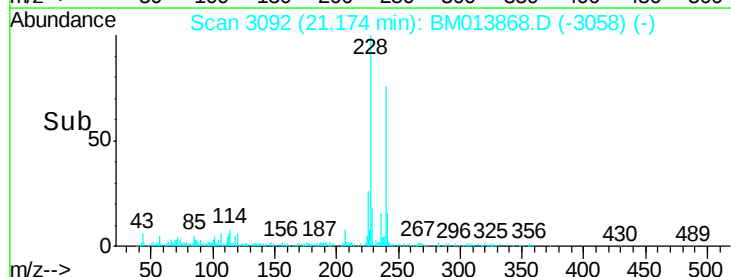
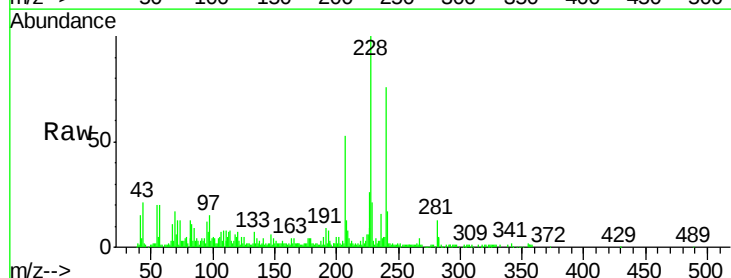
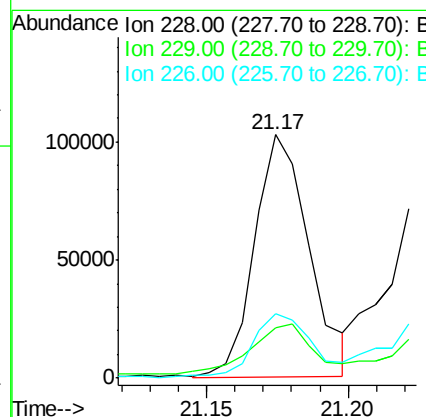
RT: 21.17 min Scan# 3092

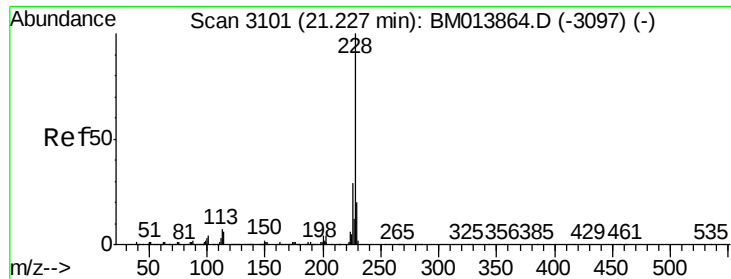
Delta R.T. 0.00 min

Lab File: BM013868.D

Acq: 27 Jan 2018 05:34

Tgt Ion:	228	Resp:	138072
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.4	23.0
226	26.4	21.4	32.0





#82

Chrysene

Concen: 3.306 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. 0.00 min

Lab File: BM013868.D

Acq: 27 Jan 2018 05:34

Instrument :

BNA_M

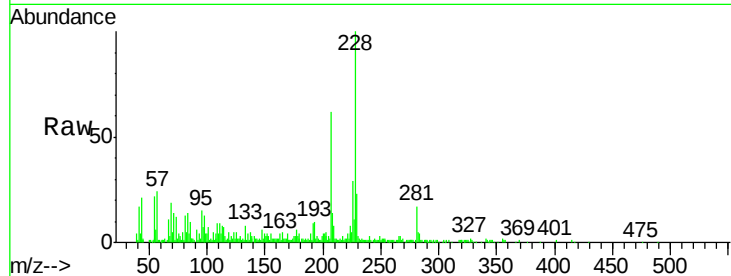
ClientSampleId :

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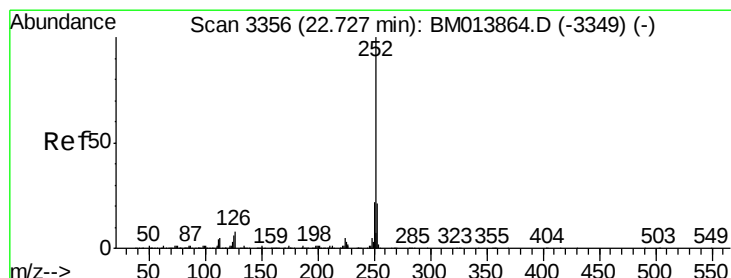
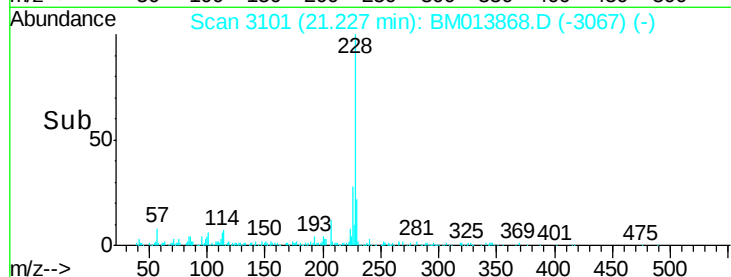
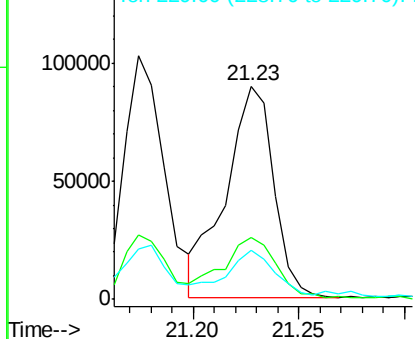
Tgt Ion:	228	Resp:	141957
Ion Ratio	Lower	Upper	
228	100		
226	28.8	23.4	35.2
229	23.0	15.5	23.3

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 1.366 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. 0.00 min

Lab File: BM013868.D

Acq: 27 Jan 2018 05:34

Tgt Ion:	252	Resp:	66344
Ion Ratio	Lower	Upper	
252	100		
253	29.2	17.9	26.9#
125	21.0	3.6	5.4#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

