

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
 Data File : BM013867.D
 Acq On : 27 Jan 2018 04:59
 Operator : SJ/JU
 Sample : J1222-14DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F6A96DL

Manual Integrations
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Quant Time: Jan 27 05:52:03 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	157281	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	588092	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	336173	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	745053	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	789400	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	808930	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	2817	0.71	ng/uL	0.00
5) Phenol-d5	6.78	99	36162m	3.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	23843	3.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	32389	3.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	14864m	1.60	ng/ul	0.02
19) Nitrobenzene-d5	8.75	128	16927	3.71	ng/ul	0.01
22) 2-Nitrophenol-d4	9.47	143	17620	3.65	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.02	165	26336	2.83	ng/ul	0.02
29) 4-Chloroaniline-d4	10.53	131	29299	3.63	ng/ul	0.02
43) Dimethylphthalate-d6	13.66	166	117939	4.26	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	139882	3.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	9529m	2.12	ng/ul	0.05
57) Fluorene-d10	15.24	176	102853	4.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	12341	2.75	ng/ul	0.01
70) Anthracene-d10	17.09	188	153631	4.23	ng/ul	0.00
76) Pyrene-d10	19.39	212	180323	4.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	170201	4.58	ng/ul	0.00

Target Compounds

					Qvalue
49) Acenaphthene	14.30	153	47790	2.135	ng/ul 95
55) 2,3,4,6-Tetrachlorophenol	14.88	232	15936m	2.258	ng/ul
68) Pentachlorophenol	16.65	266	266968	53.038	ng/ul 98
69) Phenanthrene	17.03	178	131781	3.182	ng/ul 98
74) Fluoranthene	19.06	202	1046376	21.166	ng/ul# 96
77) Pyrene	19.42	202	766353	15.969	ng/ul# 95
80) Benzo(a)anthracene	21.17	228	143818	3.015	ng/ul 99
82) Chrysene	21.23	228	138017	3.154	ng/ul 96
85) Benzo(b)fluoranthene	22.73	252	69042	1.390	ng/ul# 92

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

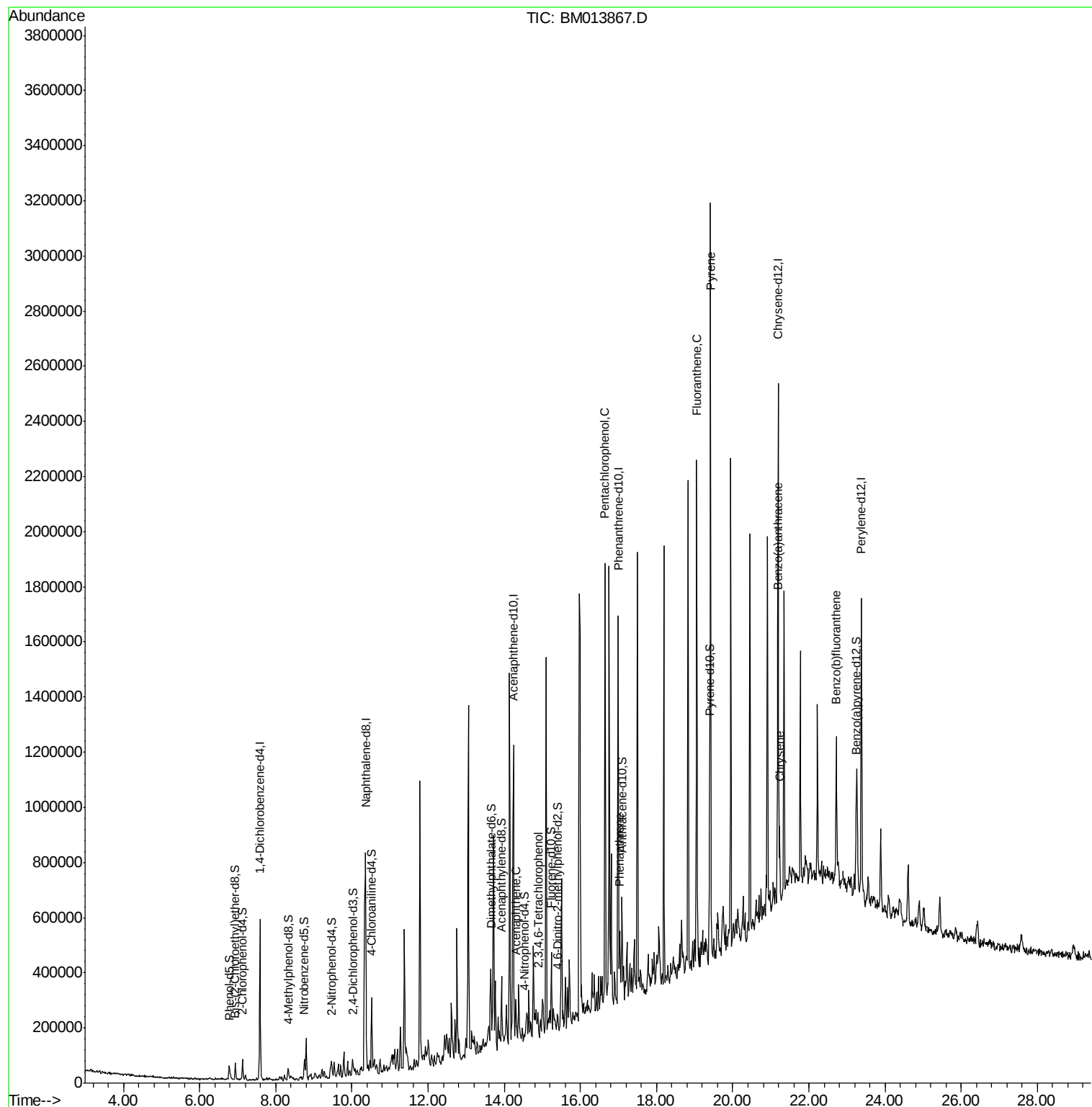
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013867.D
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ALS Vial : 31 Sample Multiplier: 1

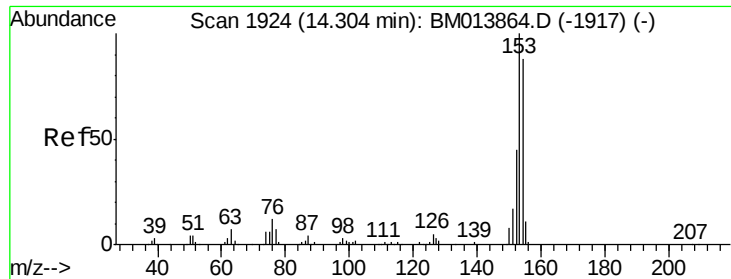
Instrument :
BNA_M
ClientSampleId :
F6A96DL

Quant Time: Jan 27 05:52:03 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
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#49

Acenaphthene

Concen: 2.135 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM013867.D

Acq: 27 Jan 2018 04:59

Instrument :

BNA_M

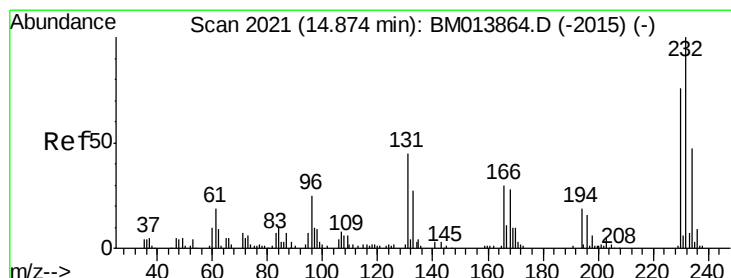
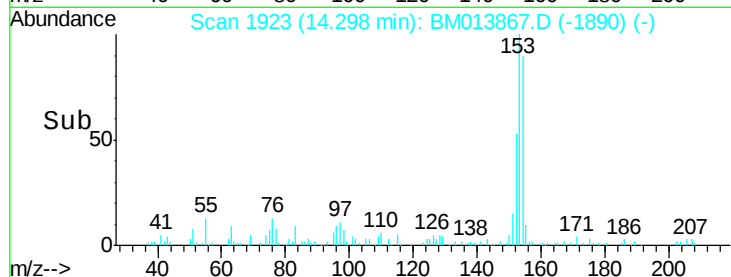
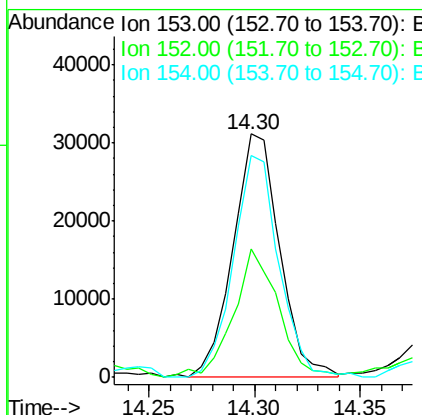
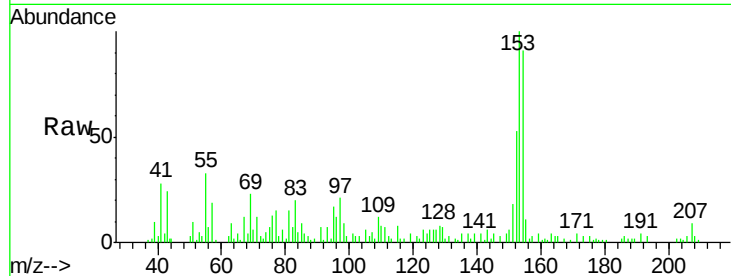
ClientSampleId :

F6A96DL

Tgt Ion:	153	Resp:	47790
Ion Ratio	Lower	Upper	
153	100		
152	52.9	37.6	56.4
154	91.3	70.4	105.6

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#55

2,3,4,6-Tetrachlorophenol

Concen: 2.258 ng/ul m

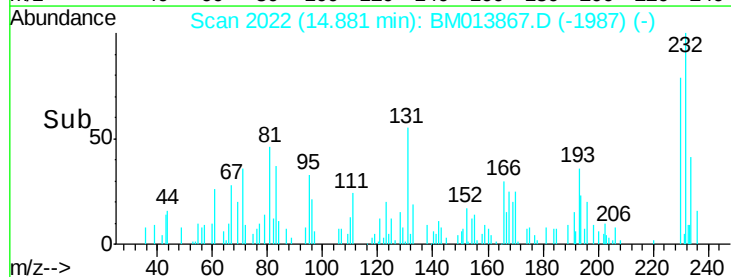
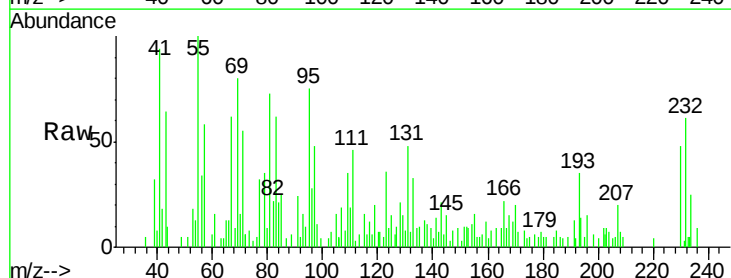
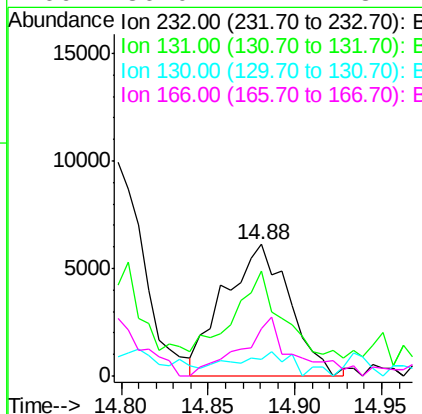
RT: 14.88 min Scan# 2022

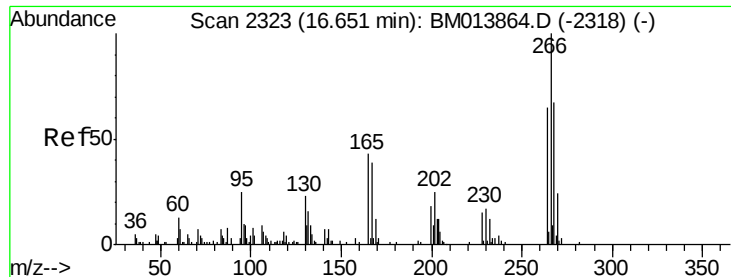
Delta R.T. 0.01 min

Lab File: BM013867.D

Acq: 27 Jan 2018 04:59

Tgt Ion:	232	Resp:	15936
Ion Ratio	Lower	Upper	
232	100		
131	79.5	29.0	43.4#
130	12.5	2.0	3.0#
166	36.0	21.4	32.2#





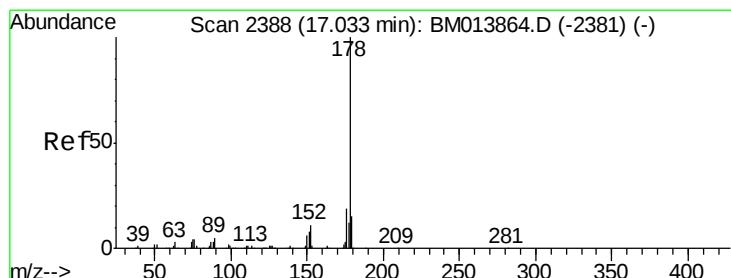
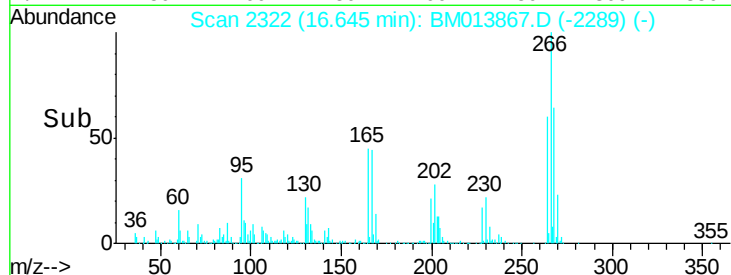
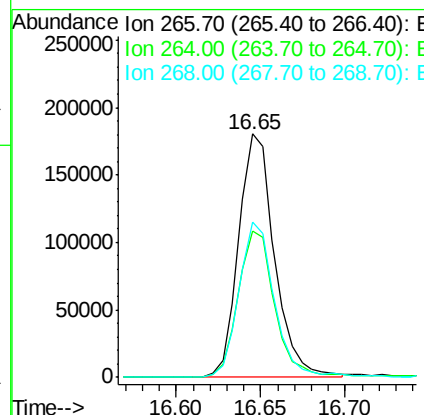
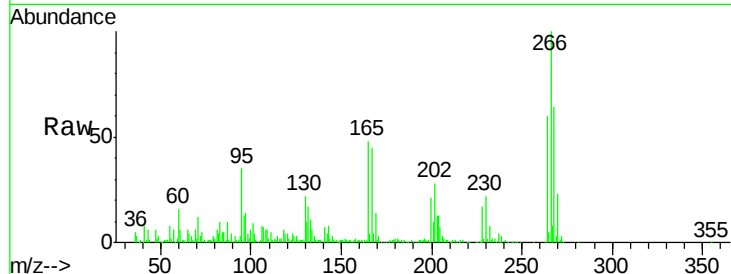
#68
 Pentachlorophenol
 Concen: 53.038 ng/ul
 RT: 16.65 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BM013867.D
 Acq: 27 Jan 2018 04:59

Instrument :
 BNA_M
 ClientSampleID :
 F6A96DL

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	266968		
264	59.9	49.3	73.9	
268	63.7	52.6	78.8	

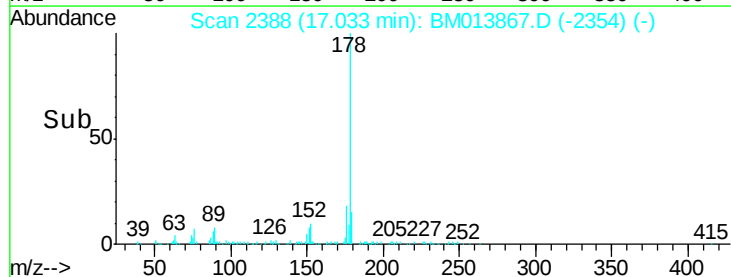
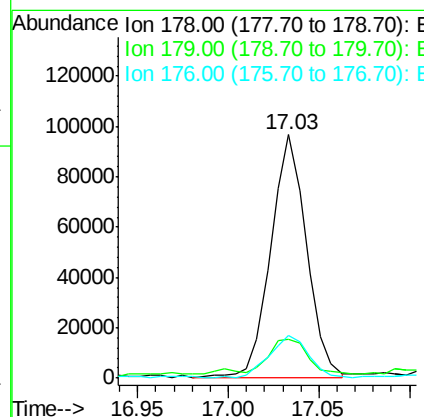
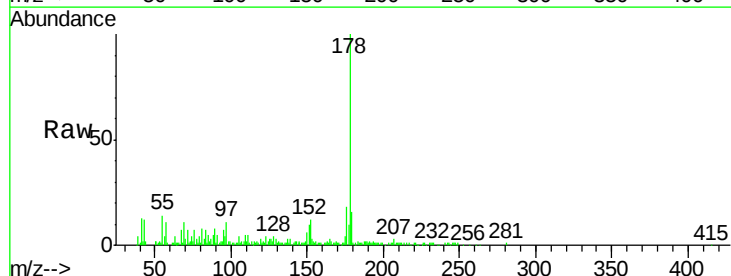
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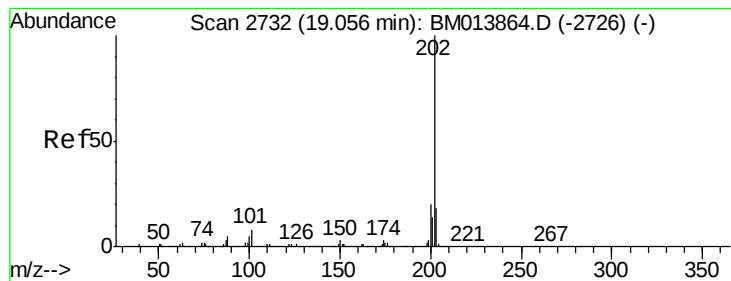
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#69
 Phenanthrene
 Concen: 3.182 ng/ul
 RT: 17.03 min Scan# 2388
 Delta R.T. 0.00 min
 Lab File: BM013867.D
 Acq: 27 Jan 2018 04:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	131781		
179	16.2	12.6	19.0	
176	17.6	14.9	22.3	





#74

Fluoranthene

Concen: 21.166 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. 0.00 min

Lab File: BM013867.D

Acq: 27 Jan 2018 04:59

Instrument :

BNA_M

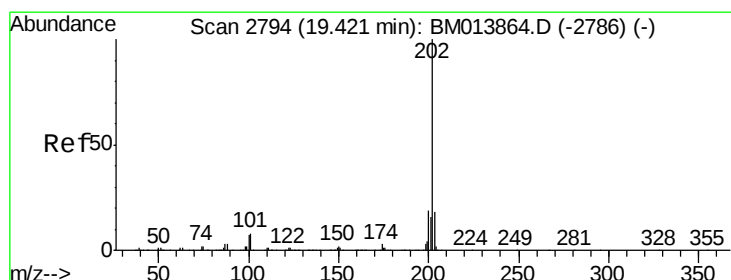
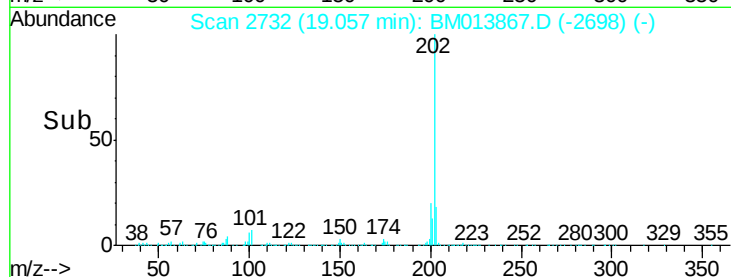
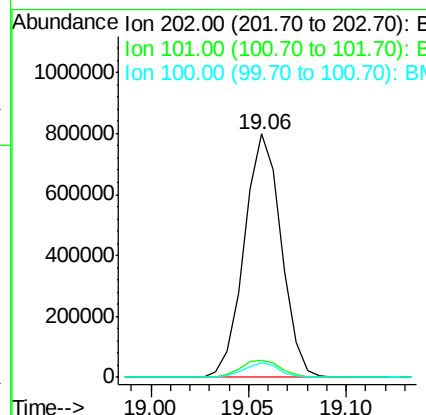
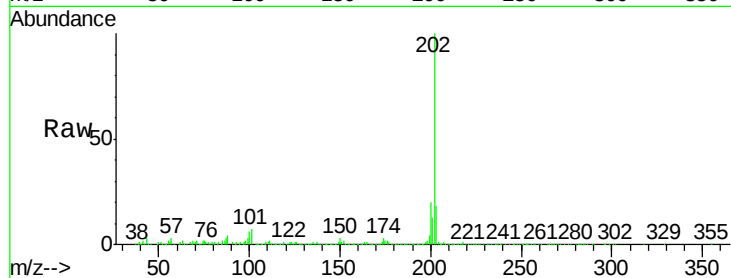
ClientSampleId :

F6A96DL

Tgt Ion:	202	Resp:	1046376
Ion Ratio	Lower	Upper	
202	100		
101	6.8	4.6	7.0
100	5.8	3.4	5.2#

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#77

Pyrene

Concen: 15.969 ng/ul

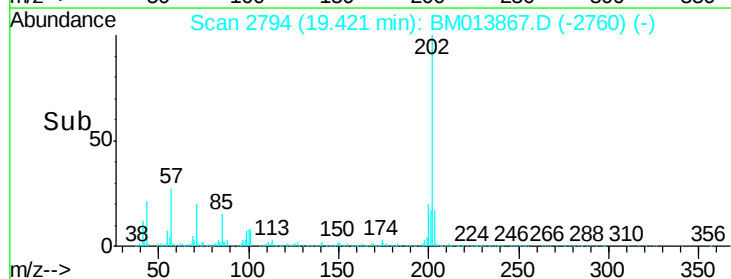
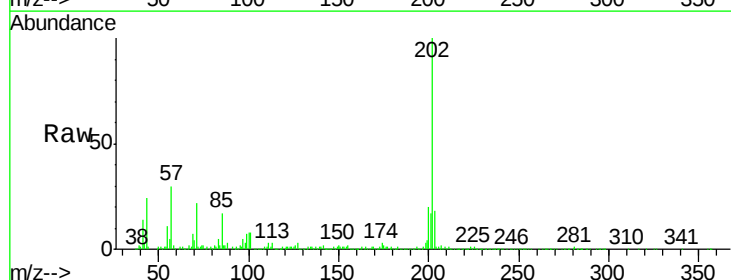
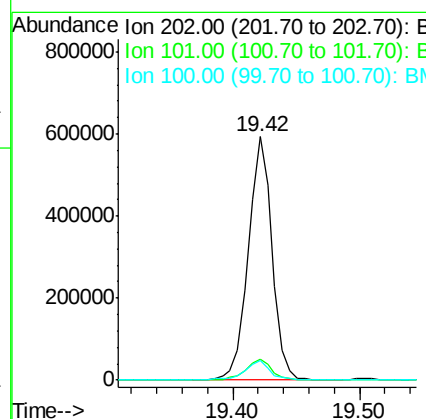
RT: 19.42 min Scan# 2794

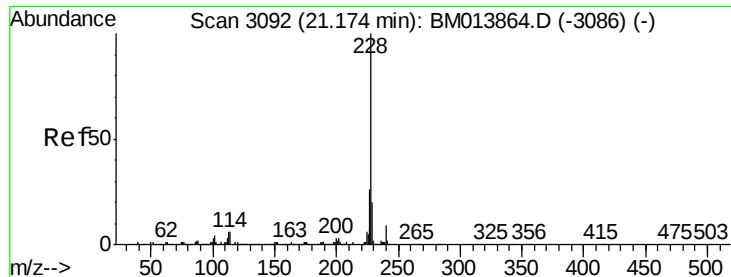
Delta R.T. 0.00 min

Lab File: BM013867.D

Acq: 27 Jan 2018 04:59

Tgt Ion:	202	Resp:	766353
Ion Ratio	Lower	Upper	
202	100		
101	8.4	5.1	7.7#
100	7.8	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 3.015 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM013867.D

Acq: 27 Jan 2018 04:59

Instrument :

BNA_M

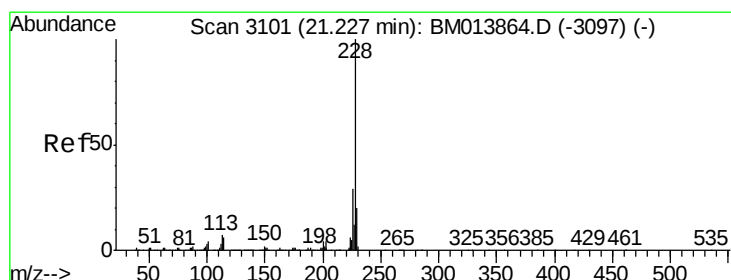
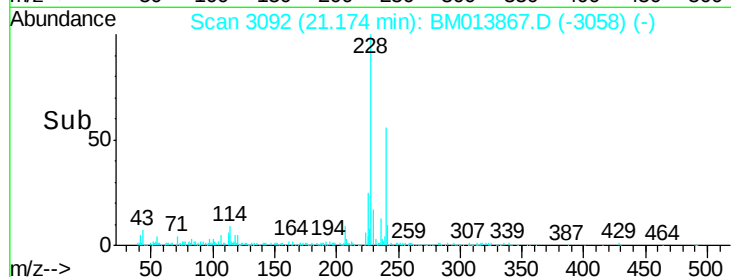
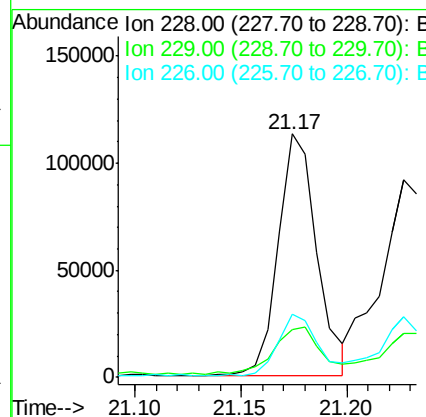
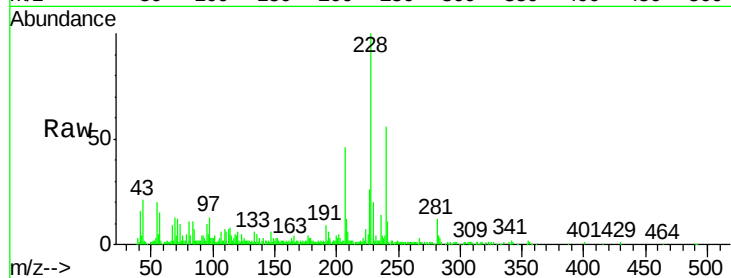
ClientSampleId :

F6A96DL

Tgt Ion:	228	Resp:	143818
Ion Ratio	Lower	Upper	
228	100		
229	19.7	15.4	23.0
226	25.9	21.4	32.0

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#82

Chrysene

Concen: 3.154 ng/ul

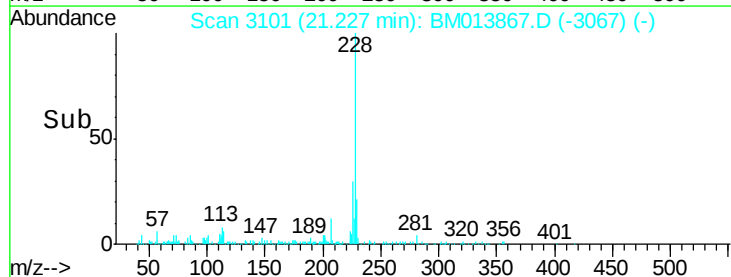
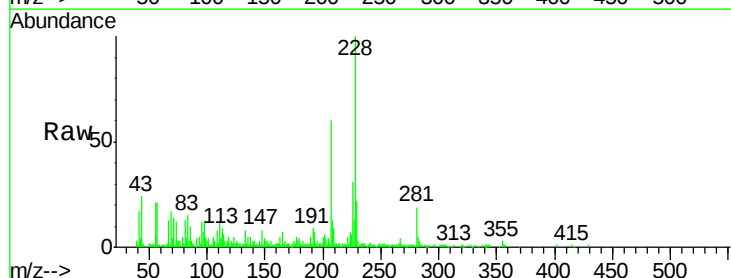
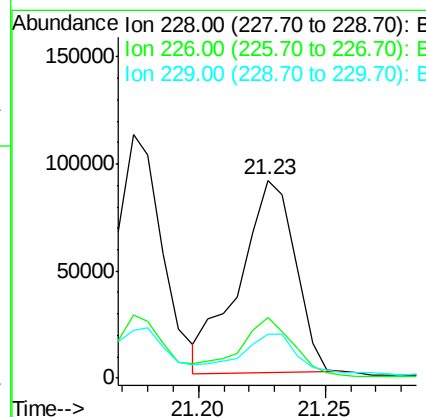
RT: 21.23 min Scan# 3101

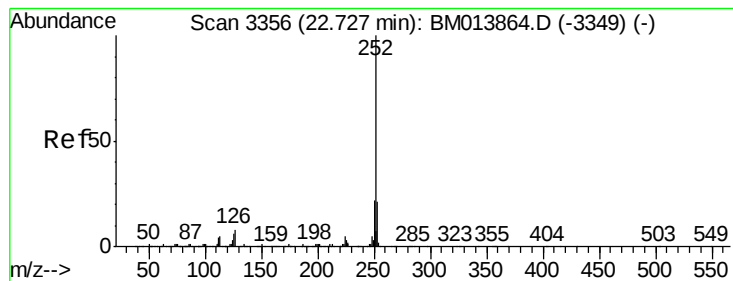
Delta R.T. 0.00 min

Lab File: BM013867.D

Acq: 27 Jan 2018 04:59

Tgt Ion:	228	Resp:	138017
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.4	35.2
229	22.1	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 1.390 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. 0.00 min

Lab File: BM013867.D

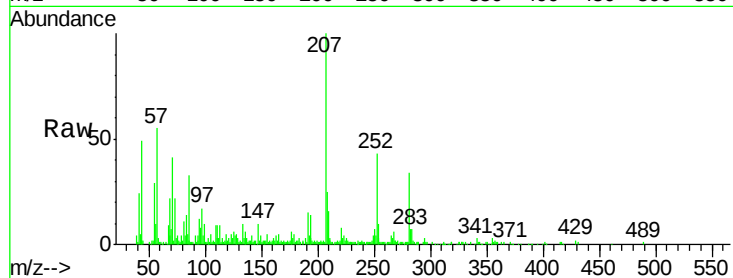
Acq: 27 Jan 2018 04:59

Instrument :

BNA_M

ClientSampleId :

F6A96DL



Tgt Ion: 252 Resp: 69042

Ion Ratio Lower Upper

252 100

253 24.5 17.9 26.9

125 14.0 3.6 5.4

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