

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
 Data File : BM007208.D
 Acq On : 18 Aug 2016 17:39
 Operator : UM/SJ
 Sample : H4445-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N20

Quant Time: Aug 19 04:48:42 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 04:48:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	253878	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1018294	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	603779	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1445361	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1889304	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1946455	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	15581	2.68	ng/uL	0.00
5) Phenol-d5	6.97	99	278123	13.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	167528	14.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	233986	14.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	193239	11.42	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	108389	14.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	119108	15.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	230430	13.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	259444	13.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	712638	14.28	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	881912	14.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	88210	9.86	ng/ul	0.00
57) Fluorene-d10	15.43	176	645722	14.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	69356	8.68	ng/ul	0.00
70) Anthracene-d10	17.27	188	1019718	15.23	ng/ul	0.00
76) Pyrene-d10	19.57	212	1247610	15.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1374637	15.44	ng/ul	0.00

Target Compounds

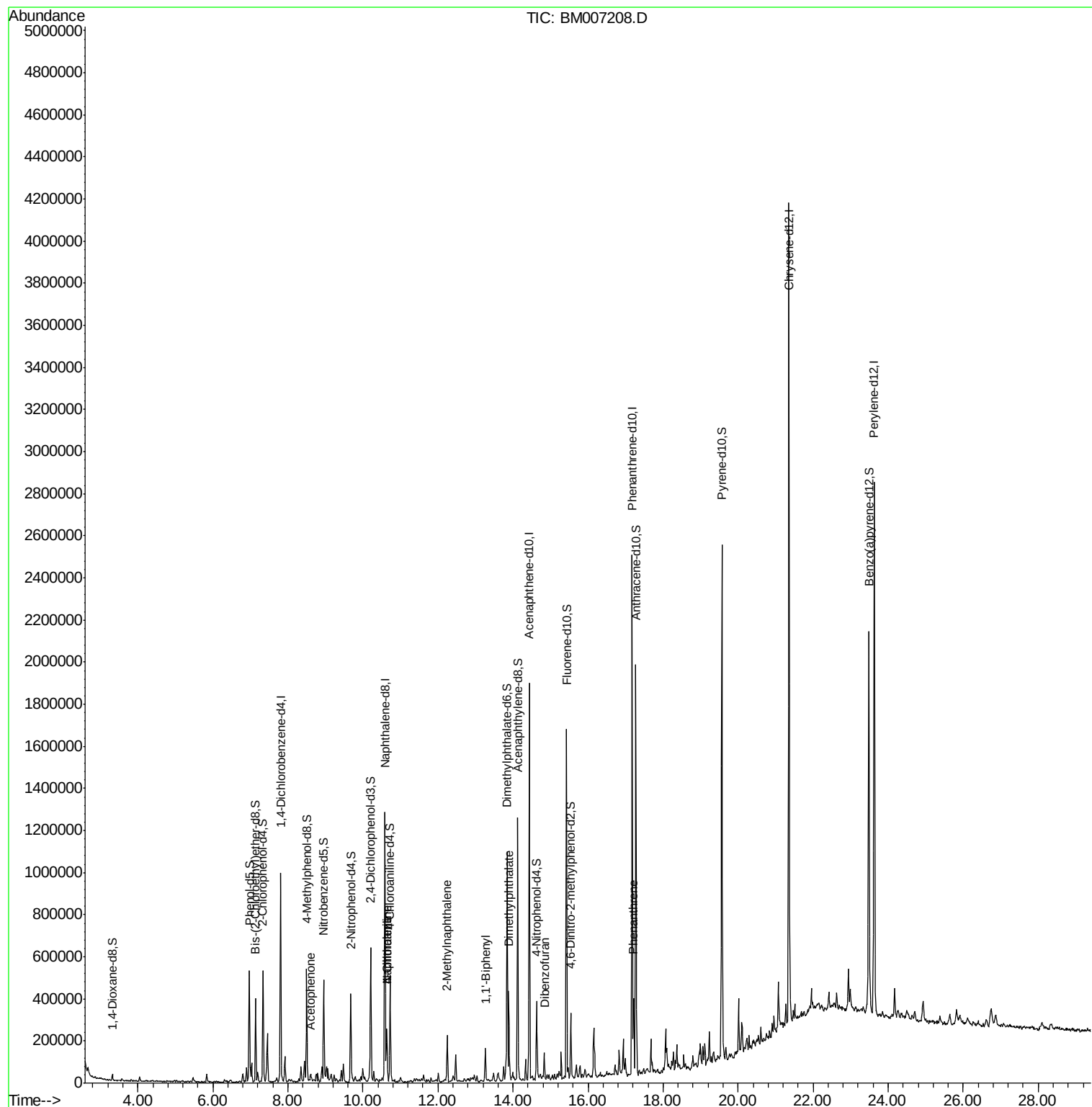
						Qvalue
14) Acetophenone	8.60	105	28711	1.10	ng/ul#	35
28) Naphthalene	10.64	128	190524	3.78	ng/ul	99
30) 4-Chloroaniline	10.64	127	25022	1.24	ng/ul#	10
34) 2-Methylnaphthalene	12.25	142	96851	2.49	ng/ul	96
40) 1,1'-Biphenyl	13.27	154	51466	1.06	ng/ul	97
44) Dimethylphthalate	13.89	163	262502	5.26	ng/ul	99
53) Dibenzofuran	14.83	168	63073	1.06	ng/ul	98
69) Phenanthrene	17.22	178	216808	2.79	ng/ul	98

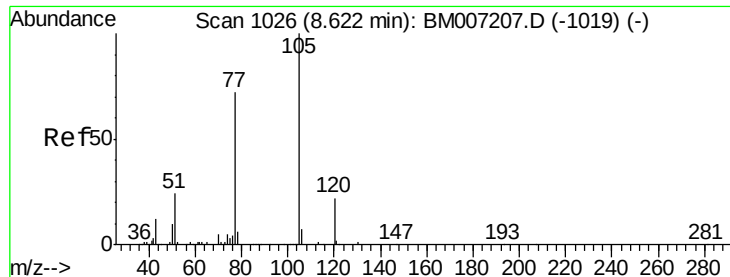
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Acetophenone

Concen: 1.10 ng/ul

RT: 8.60 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BM007208.D

Acq: 18 Aug 2016 17:39

Instrument :

BNA_M

ClientSampleId :

E5N20

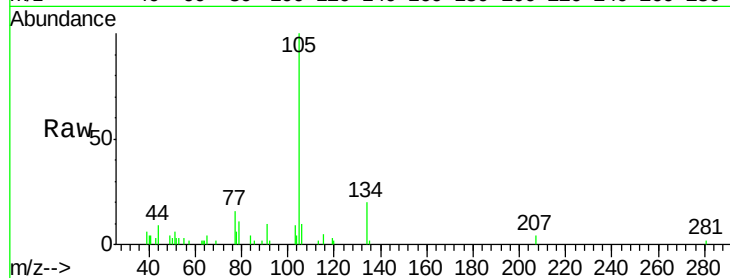
Tgt Ion:105 Resp: 28711

Ion Ratio Lower Upper

105 100

77 16.4 65.9 98.9#

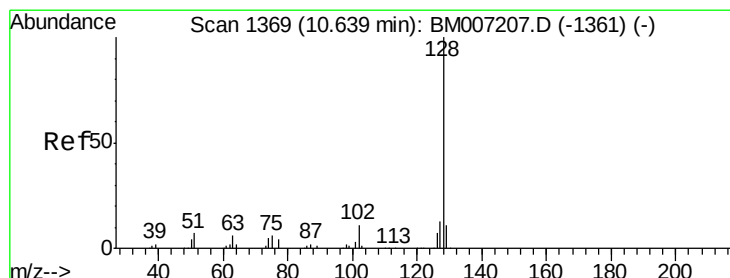
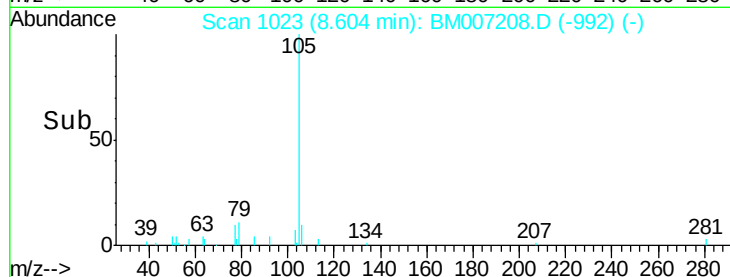
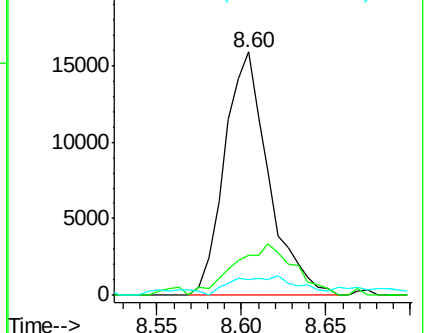
51 6.5 22.2 33.2#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#28

Naphthalene

Concen: 3.78 ng/ul

RT: 10.64 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BM007208.D

Acq: 18 Aug 2016 17:39

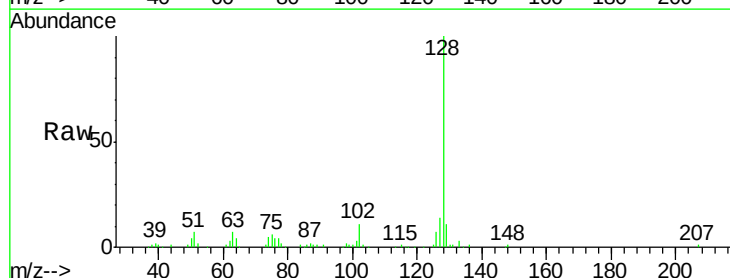
Tgt Ion:128 Resp: 190524

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

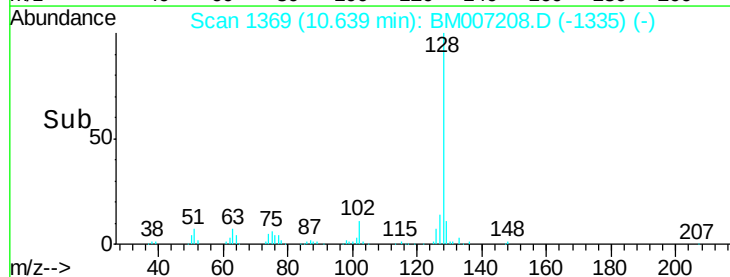
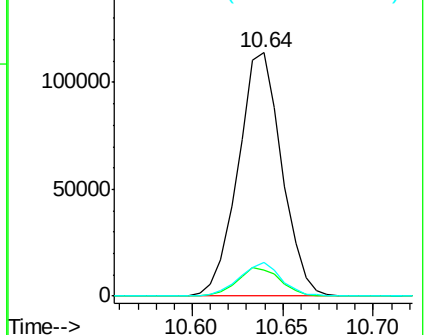
127 13.7 10.6 15.8

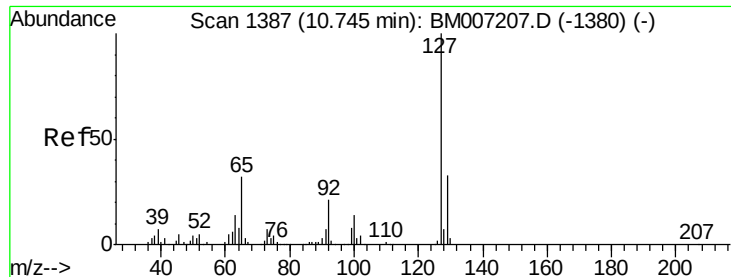


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

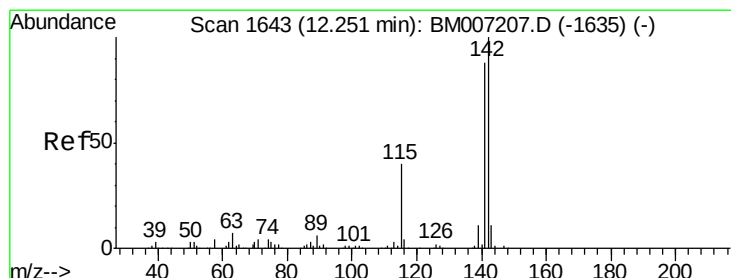
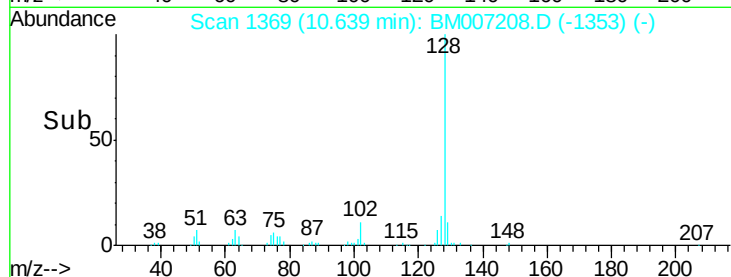
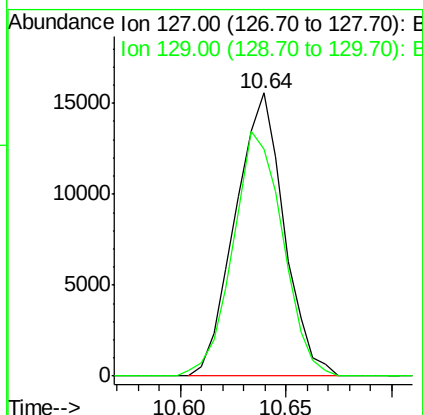
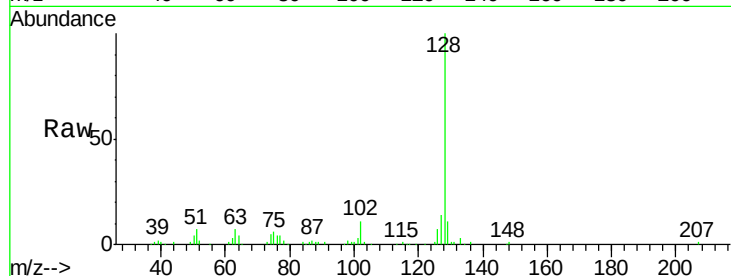




#30
4-Chloroaniline
Concen: 1.24 ng/ul
RT: 10.64 min Scan# 1369
Delta R.T. -0.11 min
Lab File: BM007208.D
Acq: 18 Aug 2016 17:39

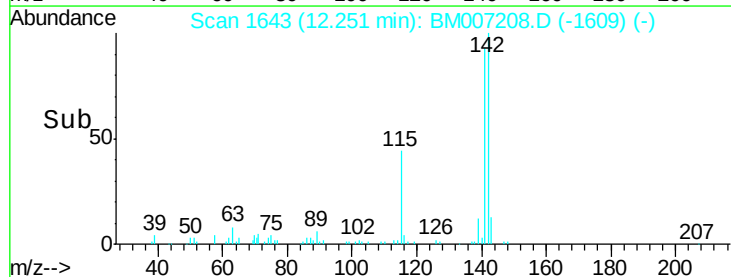
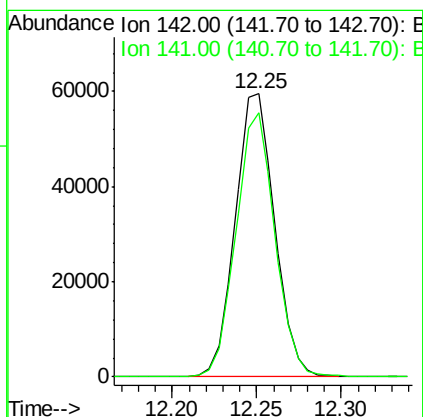
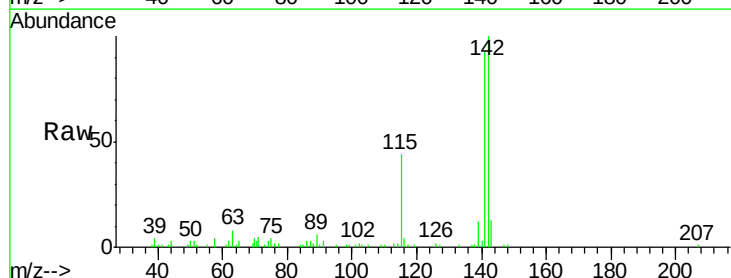
Instrument :
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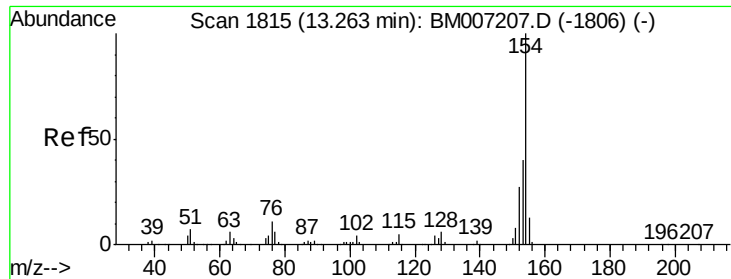
Tgt Ion:127 Resp: 25022
Ion Ratio Lower Upper
127 100
129 80.1 24.6 37.0#



#34
2-Methylnaphthalene
Concen: 2.49 ng/ul
RT: 12.25 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BM007208.D
Acq: 18 Aug 2016 17:39

Tgt Ion:142 Resp: 96851
Ion Ratio Lower Upper
142 100
141 93.2 71.3 106.9

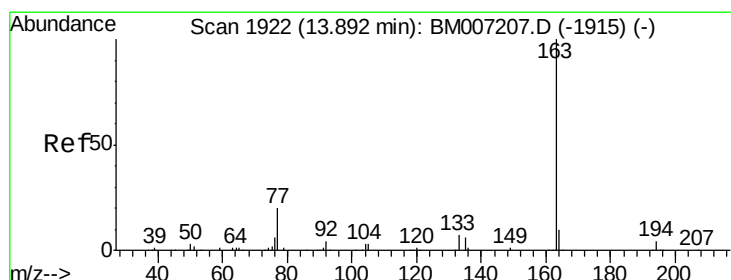
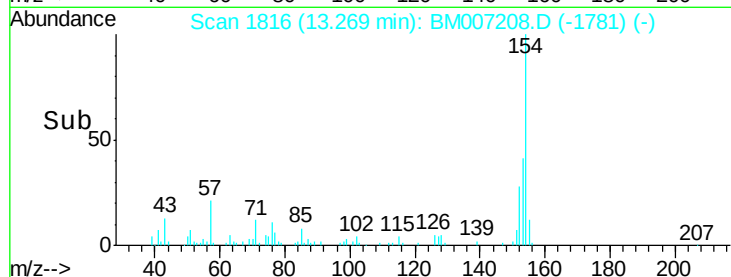
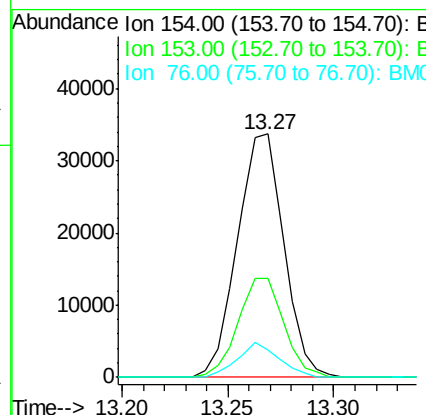
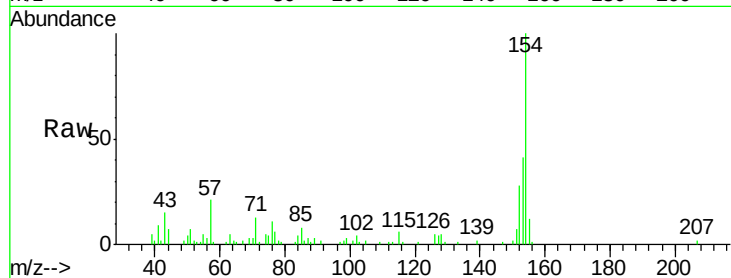




#40
 1,1'-Biphenyl
 Concen: 1.06 ng/ul
 RT: 13.27 min Scan# 1816
 Delta R.T. 0.01 min
 Lab File: BM007208.D
 Acq: 18 Aug 2016 17:39

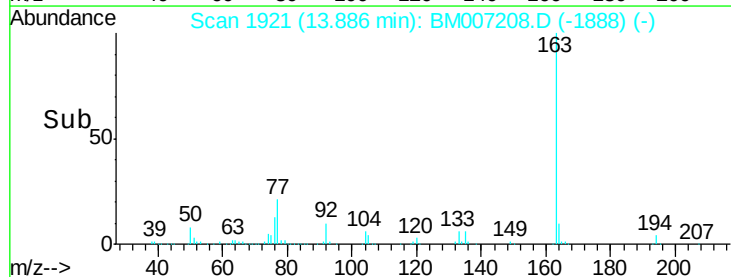
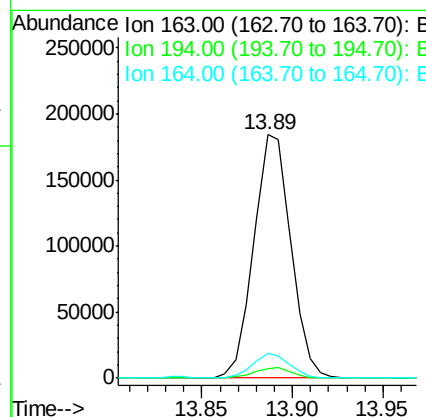
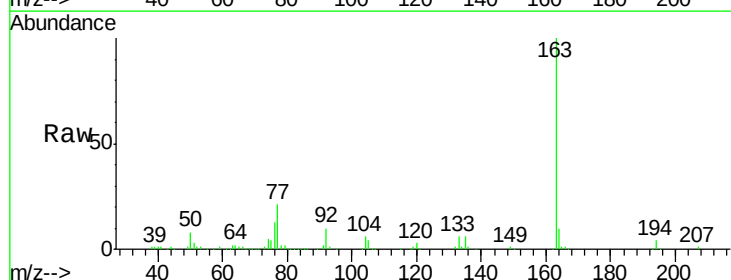
Instrument :
 BNA_M
 ClientSampled :
 E5N20

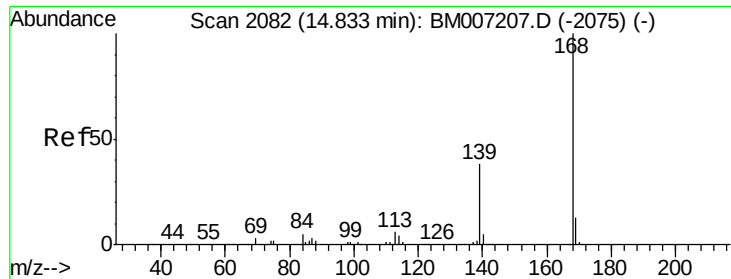
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	31.3	46.9
76	11.3	10.0	15.0



#44
 Dimethylphthalate
 Concen: 5.26 ng/ul
 RT: 13.89 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BM007208.D
 Acq: 18 Aug 2016 17:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.3	7.8	11.8





#53

Dibenzenofuran

Concen: 1.06 ng/ul

RT: 14.83 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BM007208.D

Acq: 18 Aug 2016 17:39

Instrument :

BNA_M

ClientSampleId :

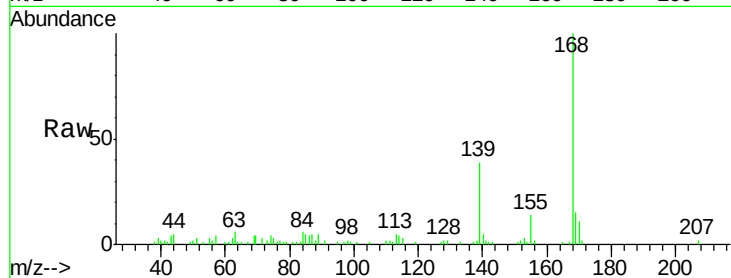
E5N20

Tgt Ion:168 Resp: 63073

Ion Ratio Lower Upper

168 100

139 38.6 30.1 45.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.83

40000

30000

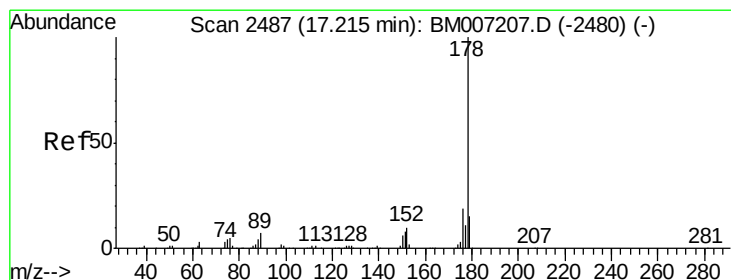
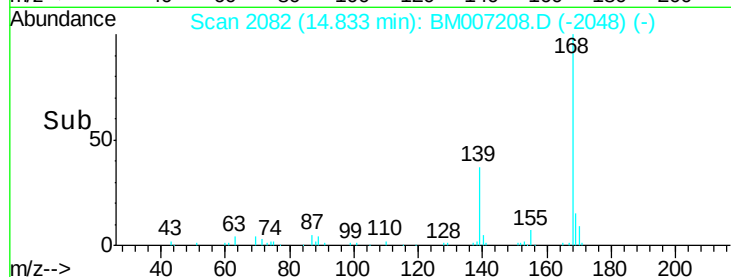
20000

10000

0

14.80 14.85

Time-->



#69

Phenanthrene

Concen: 2.79 ng/ul

RT: 17.22 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BM007208.D

Acq: 18 Aug 2016 17:39

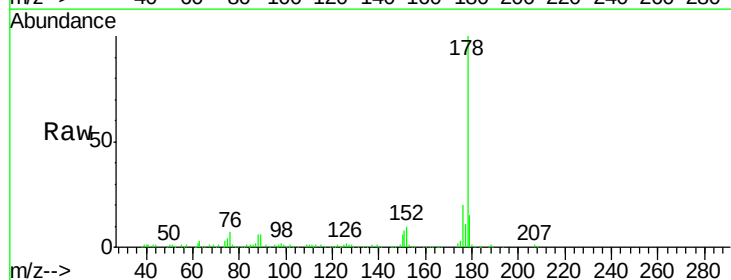
Tgt Ion:178 Resp: 216808

Ion Ratio Lower Upper

178 100

179 14.6 12.2 18.2

176 20.0 15.1 22.7



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

17.22

200000

150000

100000

50000

0

17.15 17.20 17.25

Time-->

