

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023066.D
 Acq On : 09 Oct 2019 04:11
 Operator : JU
 Sample : K5028-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDK3

Quant Time: Oct 09 06:59:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 09 05:18:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	181749	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	758534	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	441080	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	847534	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	826836	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	978244	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	21466	5.11	ng/uL	0.00
5) Phenol-d5	6.94	99	78532	4.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	173066	19.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	217526	16.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	140270	10.67	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	122119	20.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	133066	20.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	247727	19.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	262859	17.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	766305	22.39	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	868204	21.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	25173	3.72	ng/ul	0.00
58) Fluorene-d10	15.40	176	639642	21.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	95437	17.30	ng/ul	0.00
71) Anthracene-d10	17.24	188	992534	23.98	ng/ul	0.00
79) Pyrene-d10	19.54	212	1089283	24.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	1233212	24.37	ng/ul	0.00

Target Compounds

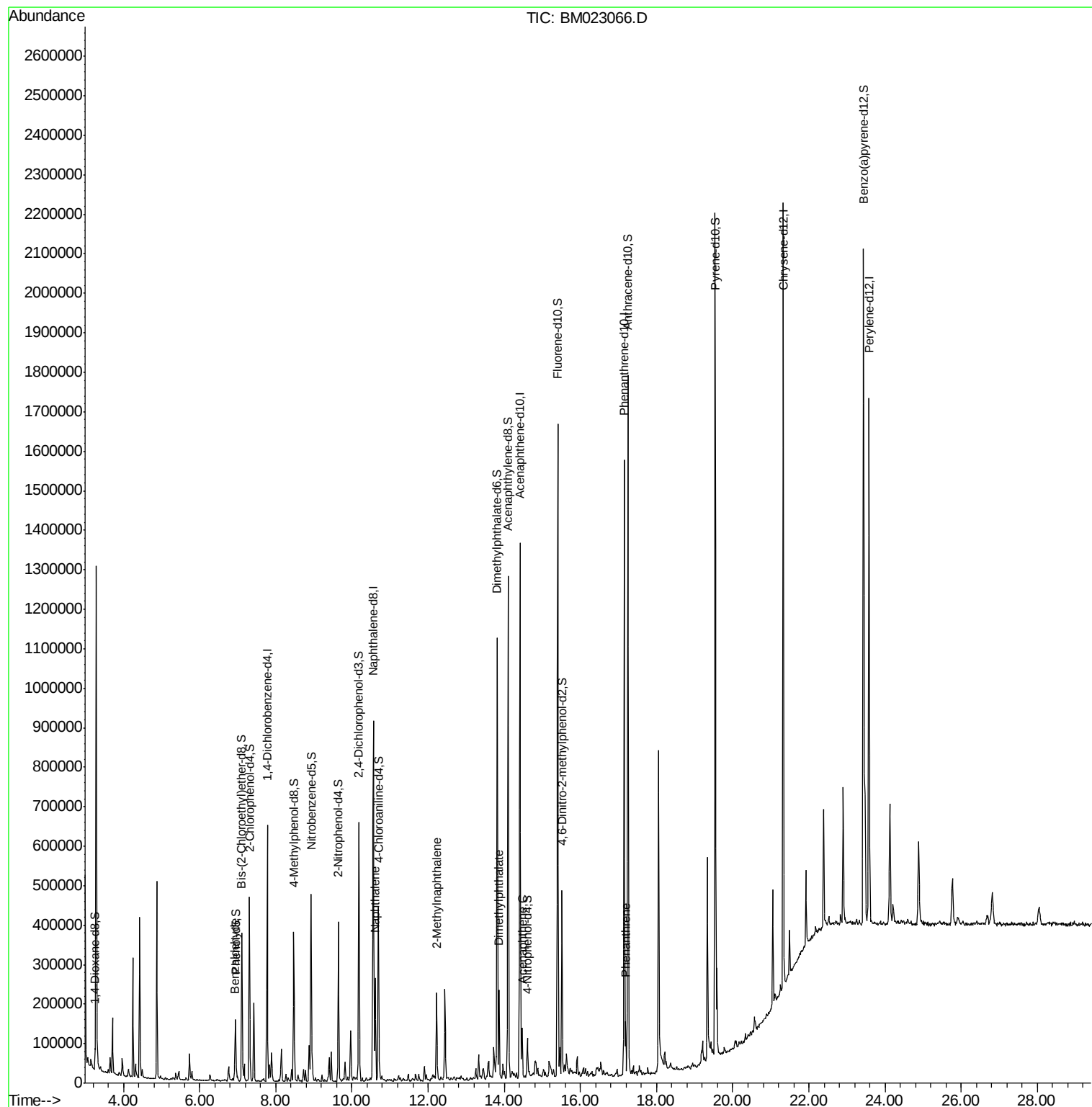
				Ovalue	
4) Benzaldehyde	6.92	77	11632	1.598	ng/ul# 23
28) Naphthalene	10.61	128	197490	4.821	ng/ul 99
34) 2-Methylnaphthalene	12.23	142	106000	3.451	ng/ul 100
45) Dimethylphthalate	13.87	163	146737	4.173	ng/ul 99
50) Acenaphthene	14.47	153	50596	1.702	ng/ul 99
70) Phenanthrene	17.19	178	76959	1.521	ng/ul 99

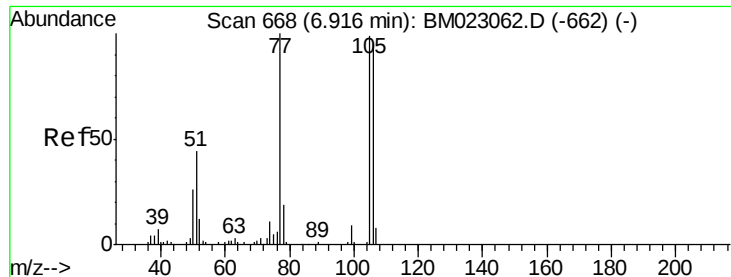
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.598 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM023066.D

Acq: 09 Oct 2019 04:11

Instrument :

BNA_M

ClientSampleId :

BFDK3

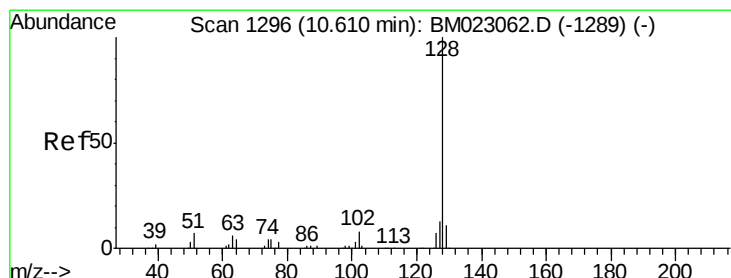
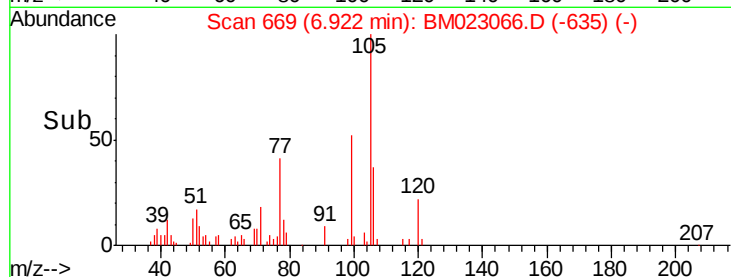
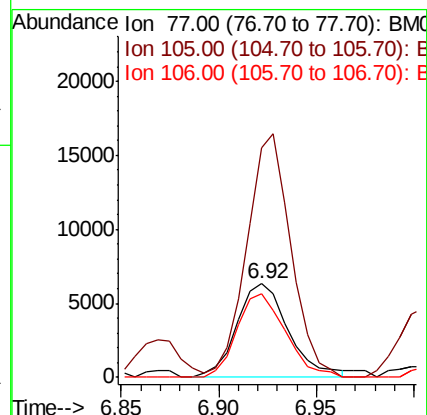
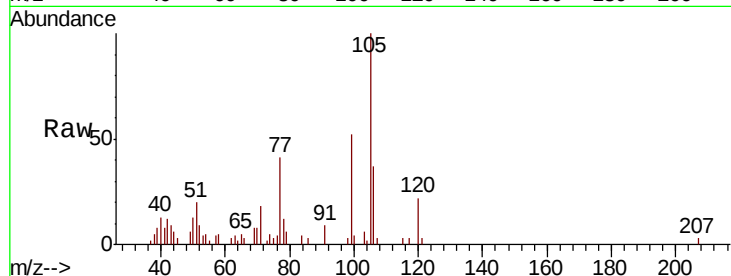
Tot Ion: 77 Resp: 11632

Ion Ratio Lower Upper

77 100

105 245.3 80.6 120.8#

106 89.9 77.0 115.6



#28

Naphthalene

Concen: 4.821 ng/ul

RT: 10.61 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BM023066.D

Acq: 09 Oct 2019 04:11

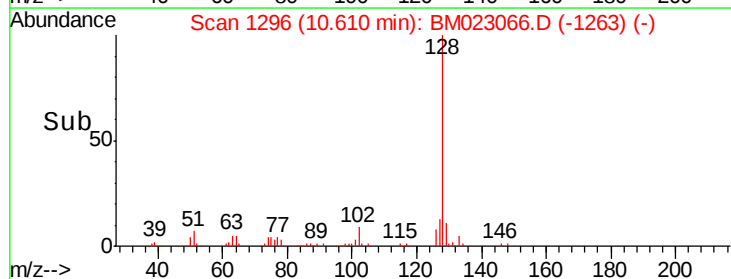
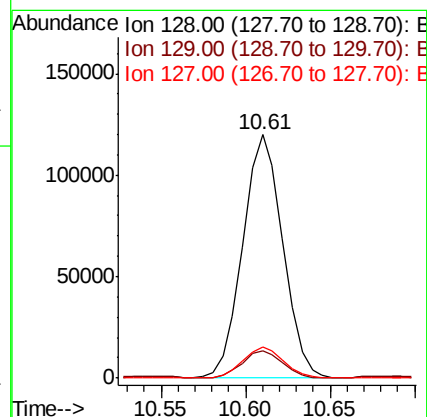
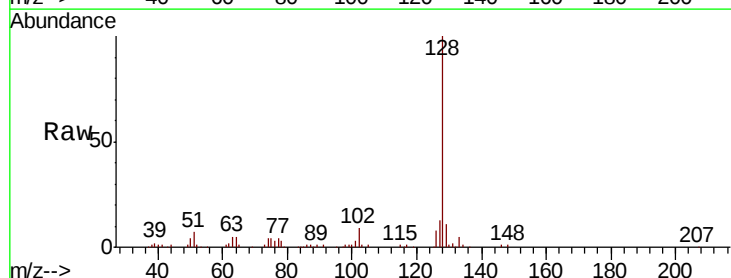
Tgt Ion: 128 Resp: 197490

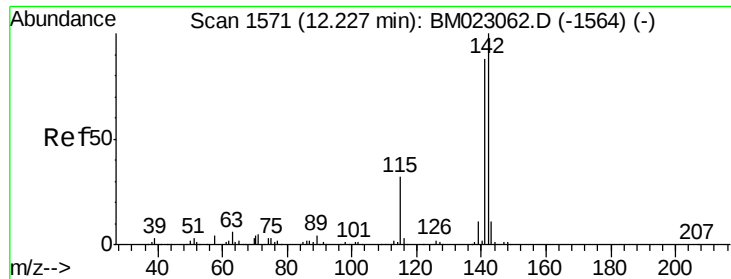
Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

127 13.0 10.2 15.4

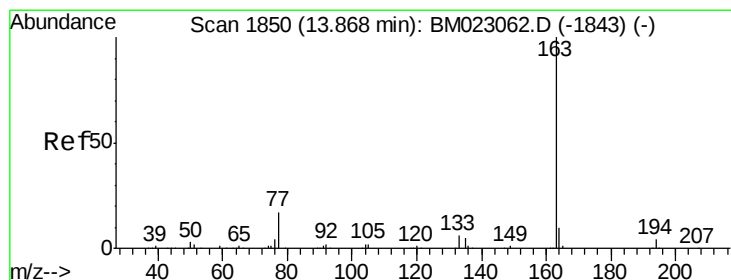
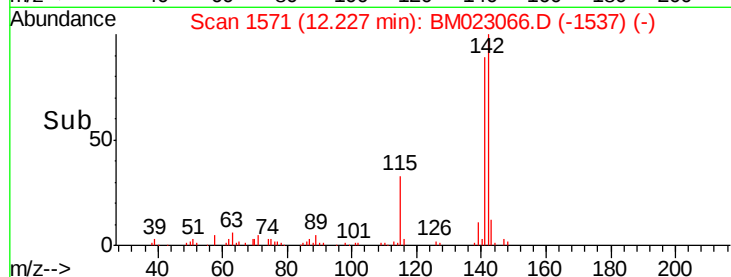
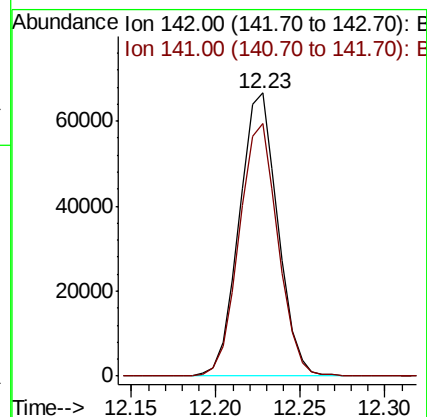
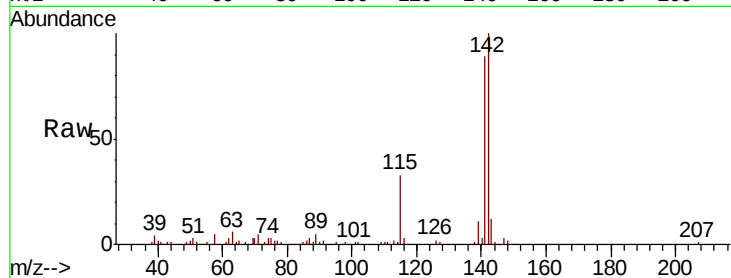




#34
 2-Methylnaphthalene
 Concen: 3.451 ng/ul
 RT: 12.23 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BM023066.D
 Acq: 09 Oct 2019 04:11

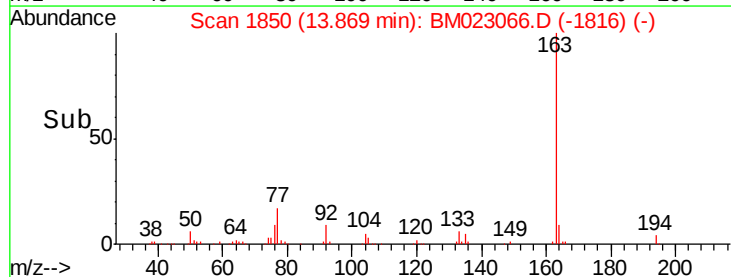
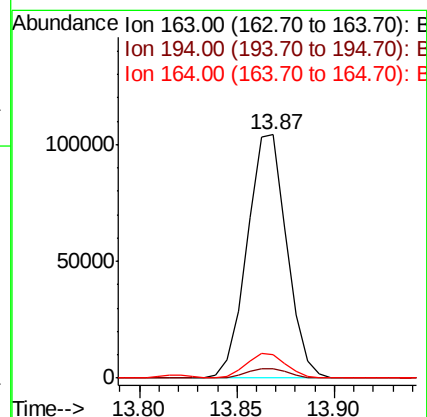
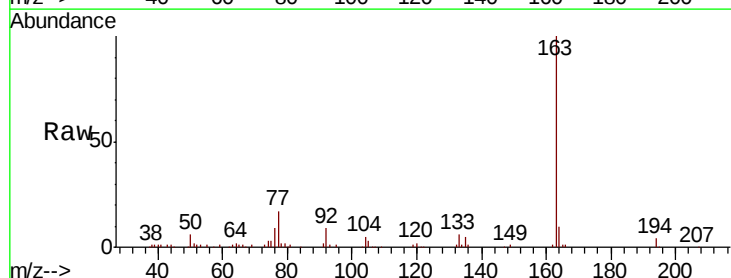
Instrument :
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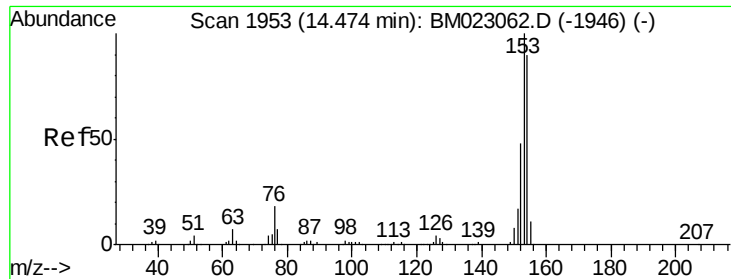
Tot Ion:142 Resp: 106000
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.2 106.8



#45
 Dimethylphthalate
 Concen: 4.173 ng/ul
 RT: 13.87 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BM023066.D
 Acq: 09 Oct 2019 04:11

Tgt Ion:163 Resp: 146737
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.4 5.0
 164 9.8 8.1 12.1





#50

Acenaphthene

Concen: 1.702 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BM023066.D

Acq: 09 Oct 2019 04:11

Instrument :

BNA_M

ClientSampleId :

BFDK3

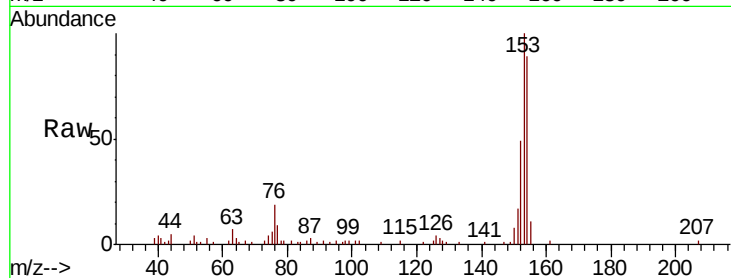
Tot Ion:153 Resp: 50596

Ion Ratio Lower Upper

153 100

152 48.7 38.1 57.1

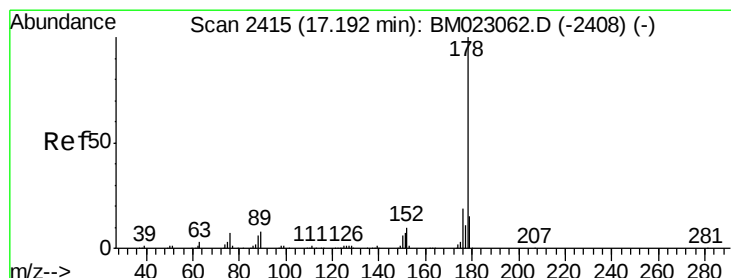
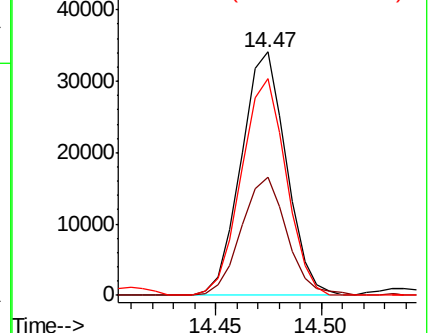
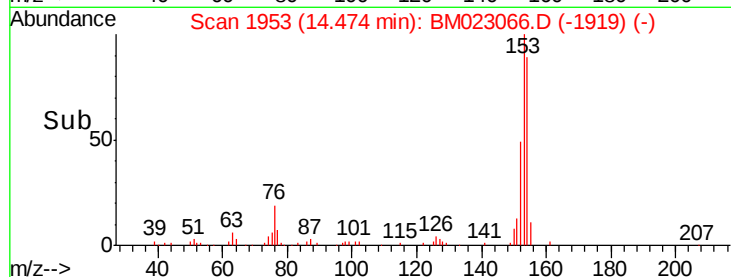
154 88.8 71.1 106.7



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#70

Phenanthrene

Concen: 1.521 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BM023066.D

Acq: 09 Oct 2019 04:11

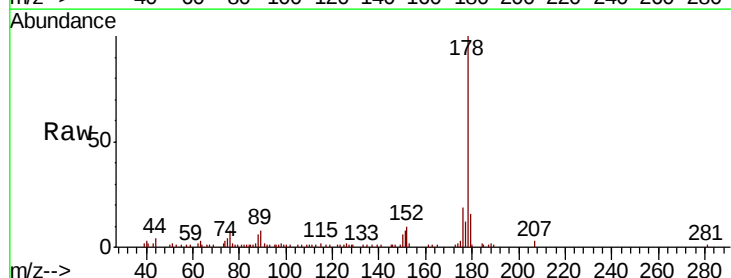
Tgt Ion:178 Resp: 76959

Ion Ratio Lower Upper

178 100

179 16.0 12.4 18.6

176 18.9 15.3 22.9



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

