

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
 Data File : BM023747.D
 Acq On : 15 Nov 2019 10:12
 Operator : JU
 Sample : K5700-08DL 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEGW9DL

Quant Time: Nov 15 14:41:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 15 07:53:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	349585	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1425951	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	898089	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	1982948	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	2037335	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2381794	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.72	99	14218	0.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	47790	2.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	48374	2.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	27262	1.07	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	31370	3.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	28841	2.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	59276	2.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	18562	0.69	ng/ul	0.01
44) Dimethylphthalate-d6	13.60	166	222808	3.18	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	226007	2.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	3380	0.28	ng/ul	0.02
58) Fluorene-d10	15.18	176	195824	3.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	16804	1.47	ng/ul	0.00
71) Anthracene-d10	17.03	188	313079	3.33	ng/ul	0.00
79) Pyrene-d10	19.33	212	343387	3.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	399979	3.19	ng/ul	0.00

Target Compounds

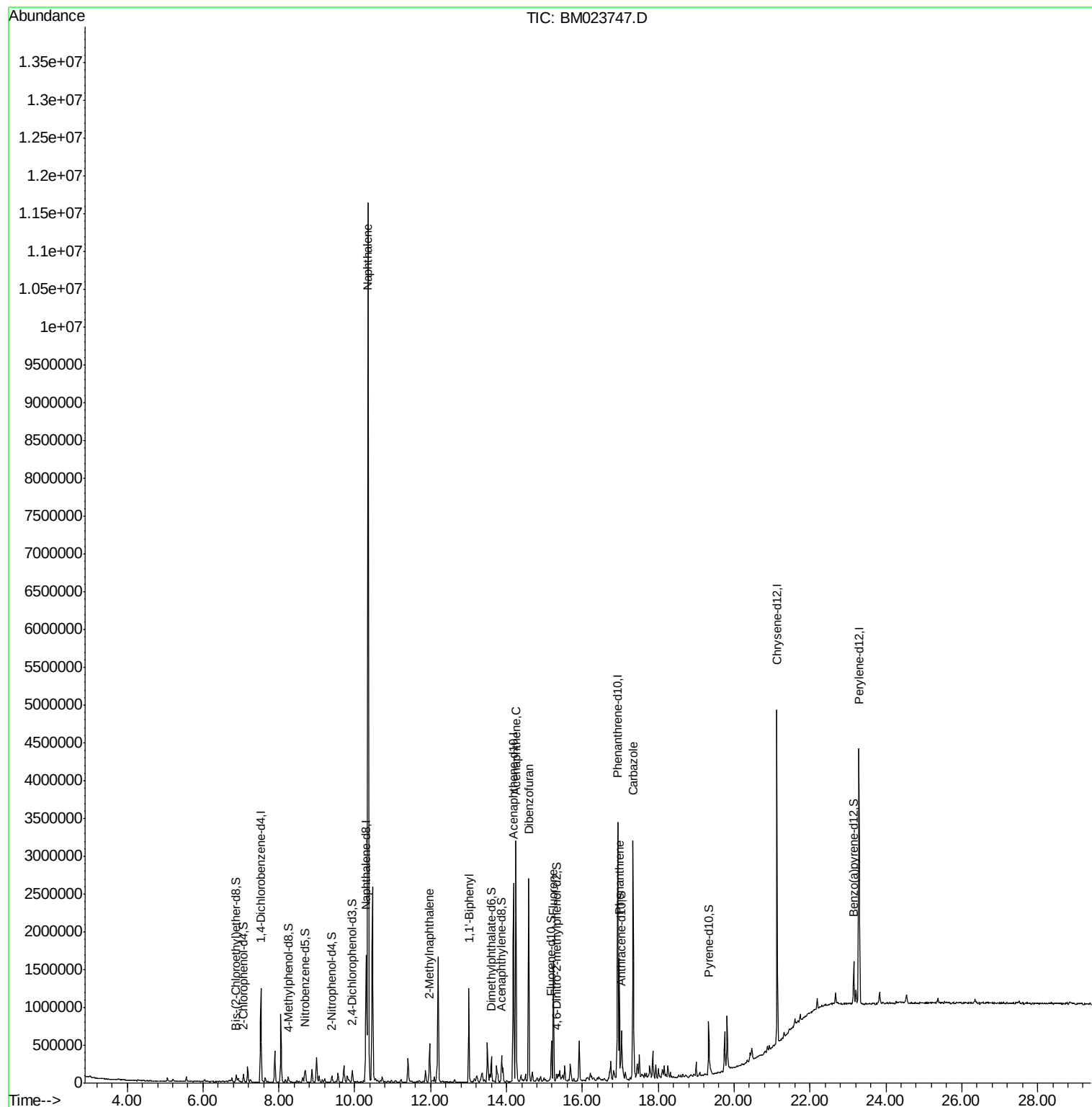
					Ovalue
28) Naphthalene	10.35	128	9719235	129.679	ng/ul 99
34) 2-Methylnaphthalene	11.97	142	236035	4.117	ng/ul 95
41) 1,1'-Biphenyl	13.01	154	647052	9.340	ng/ul 98
50) Acenaphthene	14.24	153	1284923	22.503	ng/ul 100
54) Dibenzofuran	14.59	168	1662925	19.673	ng/ul 100
59) Fluorene	15.24	166	697004	10.164	ng/ul 100
70) Phenanthrene	16.97	178	857424	7.850	ng/ul 100
75) Carbazole	17.34	167	1931754	21.100	ng/ul 100

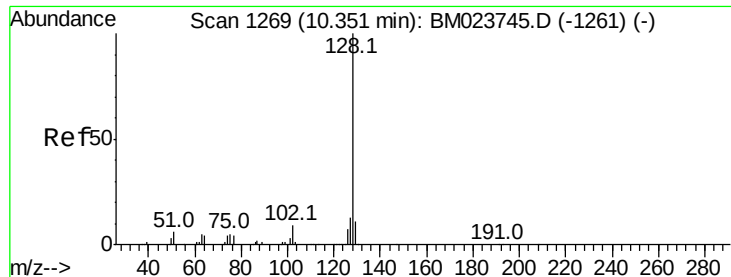
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 07:53:56 2019
Response via : Initial Calibration





#28

Naphthalene

Concen: 129.679 ng/ul

RT: 10.35 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BM023747.D

Acq: 15 Nov 2019 10:12

Instrument :

BNA_M

ClientSampleId :

BEGW9DL

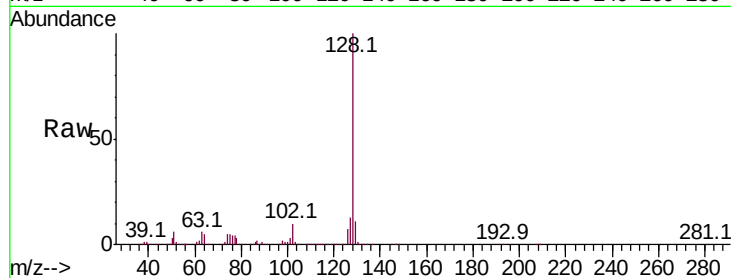
Tot Ion:128 Resp: 9719235

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	13.4	10.6	16.0

128 100

129 11.3 8.7 13.1

127 13.4 10.6 16.0

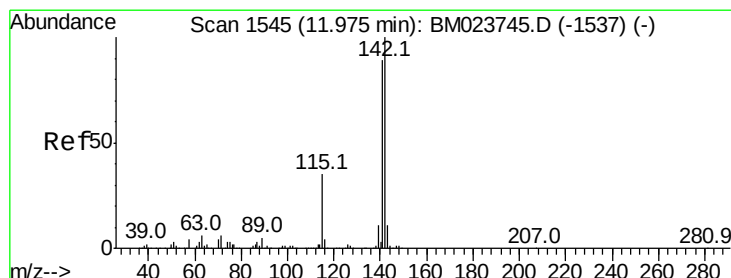
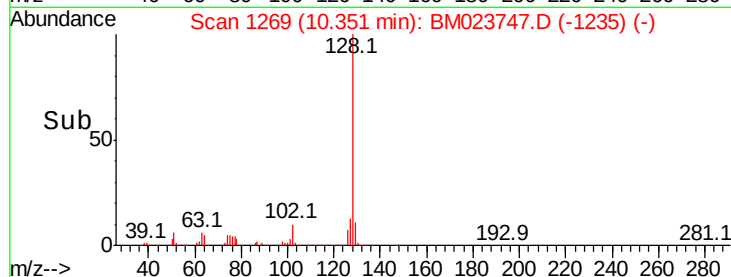
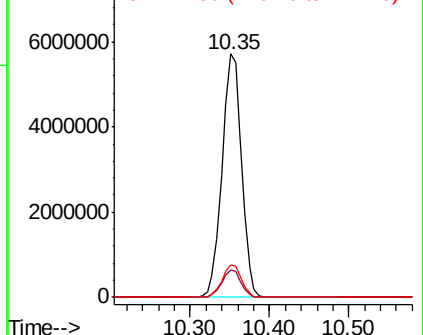


Abundance

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



#34

2-Methylnaphthalene

Concen: 4.117 ng/ul

RT: 11.97 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BM023747.D

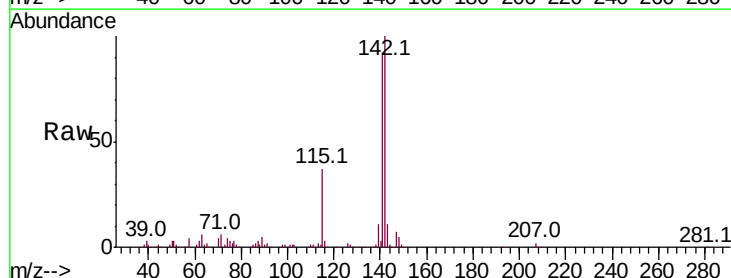
Acq: 15 Nov 2019 10:12

Tgt Ion:142 Resp: 236035

Ion	Ratio	Lower	Upper
142	100		
141	91.6	69.8	104.8

142 100

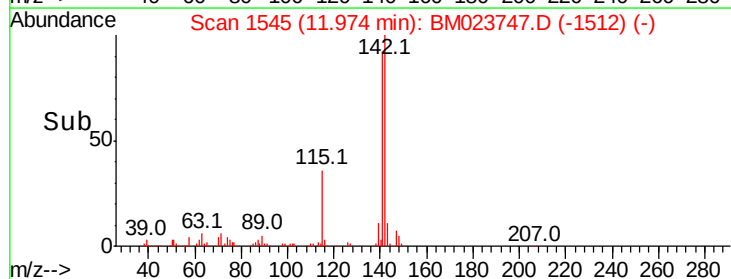
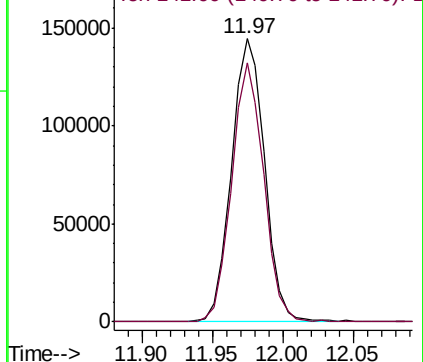
141 91.6 69.8 104.8

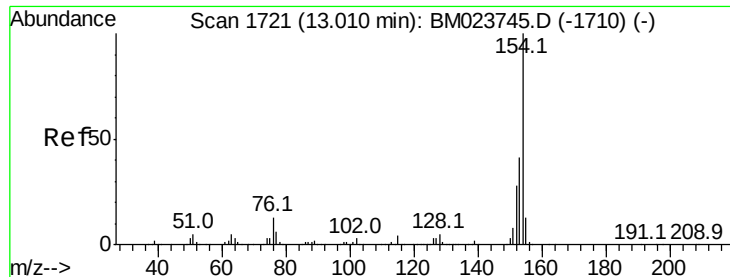


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

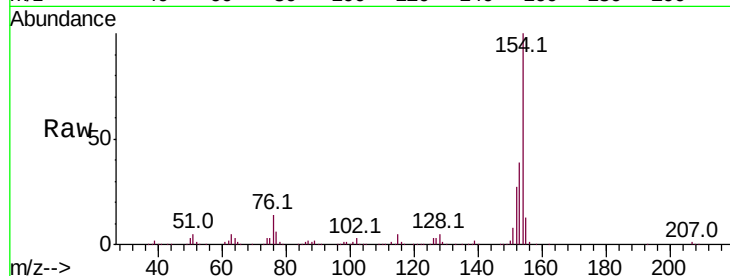




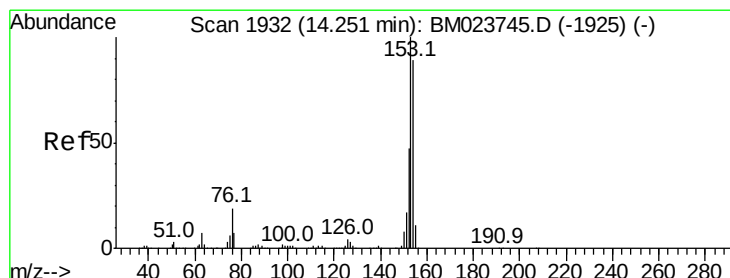
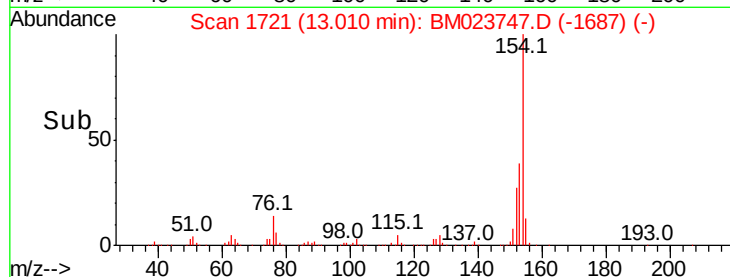
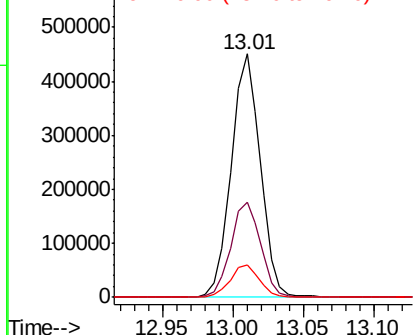
#41
 1,1'-Biphenyl
 Concen: 9.340 ng/ul
 RT: 13.01 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BM023747.D
 Acq: 15 Nov 2019 10:12

Instrument :
 BNA_M
 ClientSampleId :
 BEGW9DL

Tot Ion:154 Resp: 647052
 Ion Ratio Lower Upper
 154 100
 153 39.2 32.3 48.5
 76 13.6 10.6 15.8

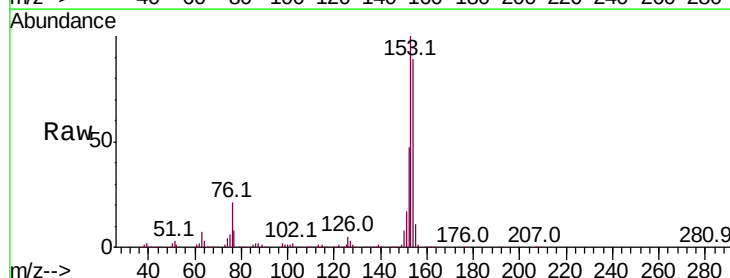


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

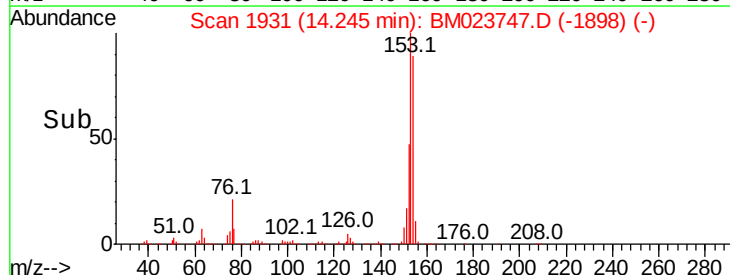
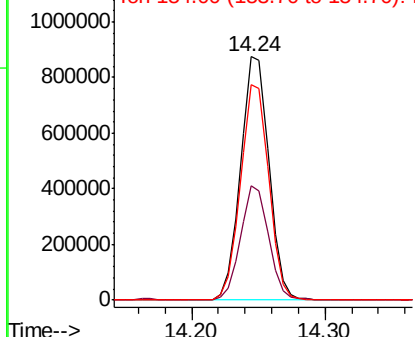


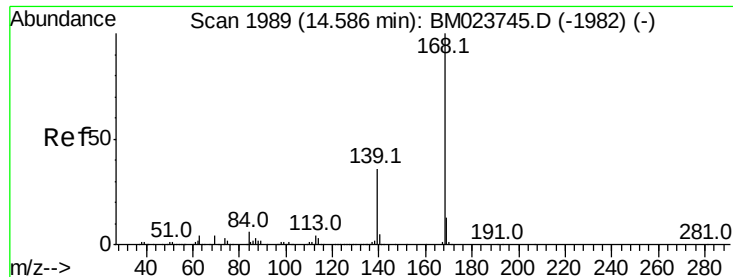
#50
 Acenaphthene
 Concen: 22.503 ng/ul
 RT: 14.24 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BM023747.D
 Acq: 15 Nov 2019 10:12

Tgt Ion:153 Resp: 1284923
 Ion Ratio Lower Upper
 153 100
 152 47.2 37.7 56.5
 154 88.5 70.6 106.0



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





#54

Dibenzofuran

Concen: 19.673 ng/ul

RT: 14.59 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BM023747.D

Acq: 15 Nov 2019 10:12

Instrument :

BNA_M

ClientSampleId :

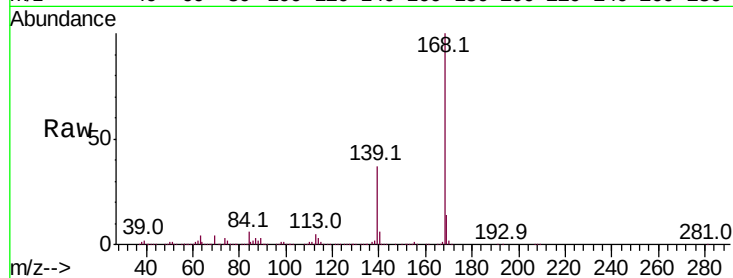
BEGW9DL

Tot Ion:168 Resp: 1662925

Ion Ratio Lower Upper

168 100

139 36.8 29.3 43.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

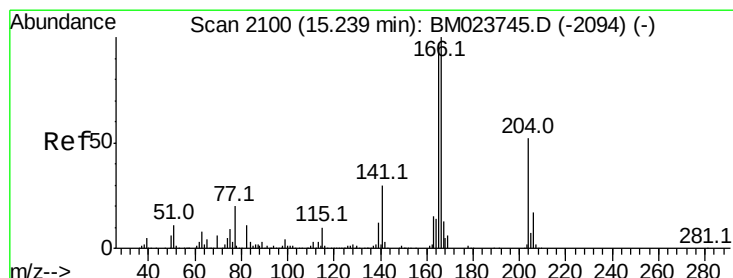
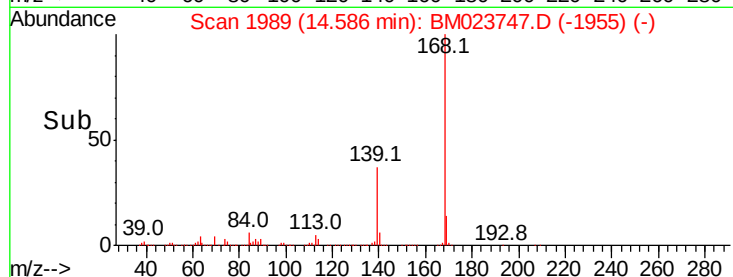
14.59

1000000

500000

0

Time-->



#59

Fluorene

Concen: 10.164 ng/ul

RT: 15.24 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BM023747.D

Acq: 15 Nov 2019 10:12

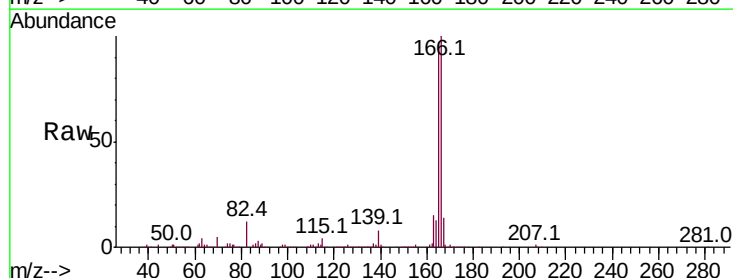
Tgt Ion:166 Resp: 697004

Ion Ratio Lower Upper

166 100

165 96.6 77.2 115.8

167 13.9 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.24

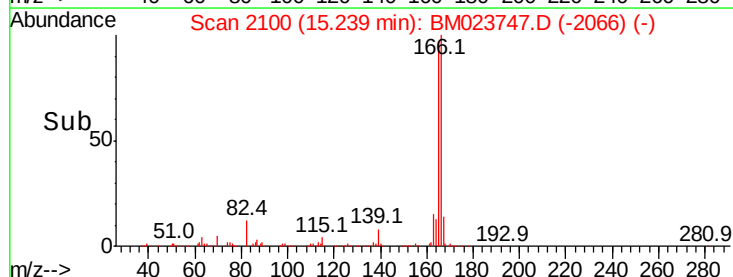
600000

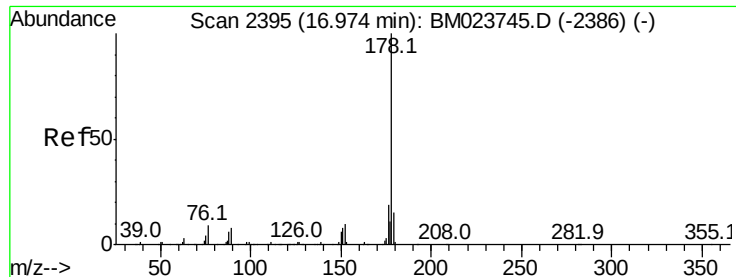
400000

200000

0

Time-->





#70

Phenanthrene

Concen: 7.850 ng/ul

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BM023747.D

Acq: 15 Nov 2019 10:12

Instrument :

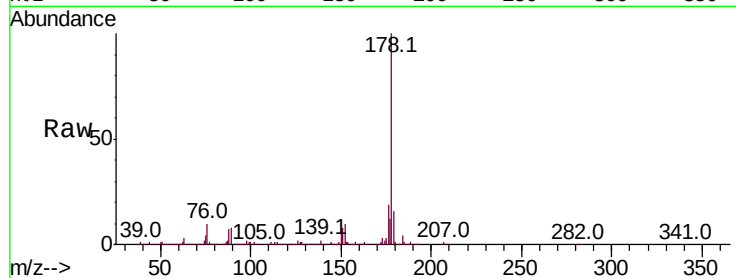
BNA_M

ClientSampleId :

BEGW9DL

Tot Ion:178 Resp: 857424

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.8	15.0	22.6

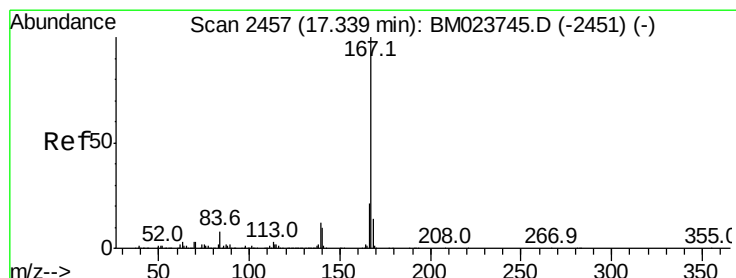
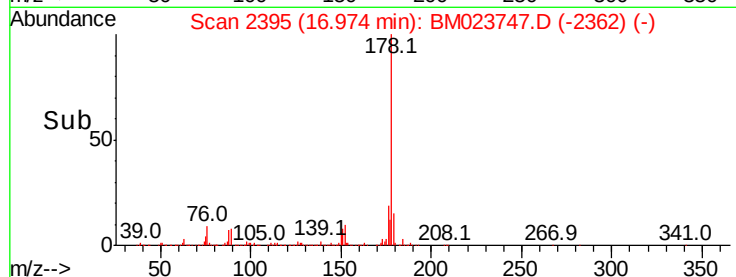
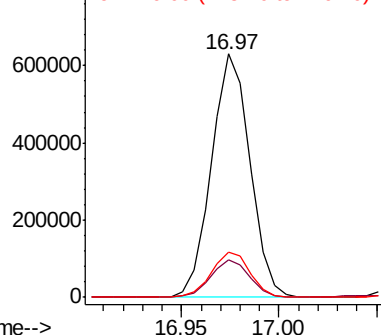


Abundance

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



#75

Carbazole

Concen: 21.100 ng/ul

RT: 17.34 min Scan# 2457

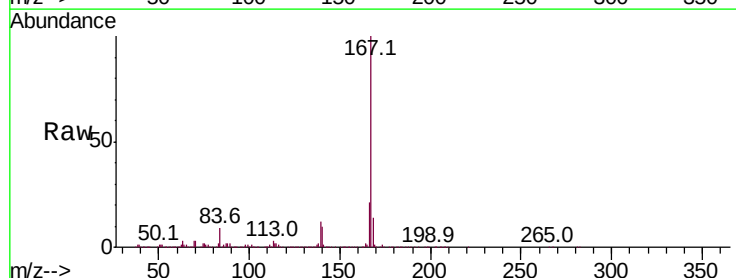
Delta R.T. -0.01 min

Lab File: BM023747.D

Acq: 15 Nov 2019 10:12

Tgt Ion:167 Resp: 1931754

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	12.3	9.8	14.6



Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

