

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023074.D
 Acq On : 09 Oct 2019 08:58
 Operator : JU
 Sample : K5028-11
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDL6

Quant Time: Oct 09 09:45:17 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	195025	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	818612	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	475440	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	899337	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	875693	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	1022702	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	26766	5.94	ng/uL	0.00
5) Phenol-d5	6.94	99	109148	6.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	264354	28.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	323206	23.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	204402	14.49	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	191209	30.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	210616	30.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	382556	27.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	388064	23.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	1131452	30.66	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	1346549	31.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.61	143	41315	5.67	ng/ul	0.00
58) Fluorene-d10	15.40	176	942576	29.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	126440	21.60	ng/ul	0.00
71) Anthracene-d10	17.24	188	1428100	32.52	ng/ul	0.00
79) Pyrene-d10	19.54	212	1558346	33.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	1774396	33.54	ng/ul	0.00

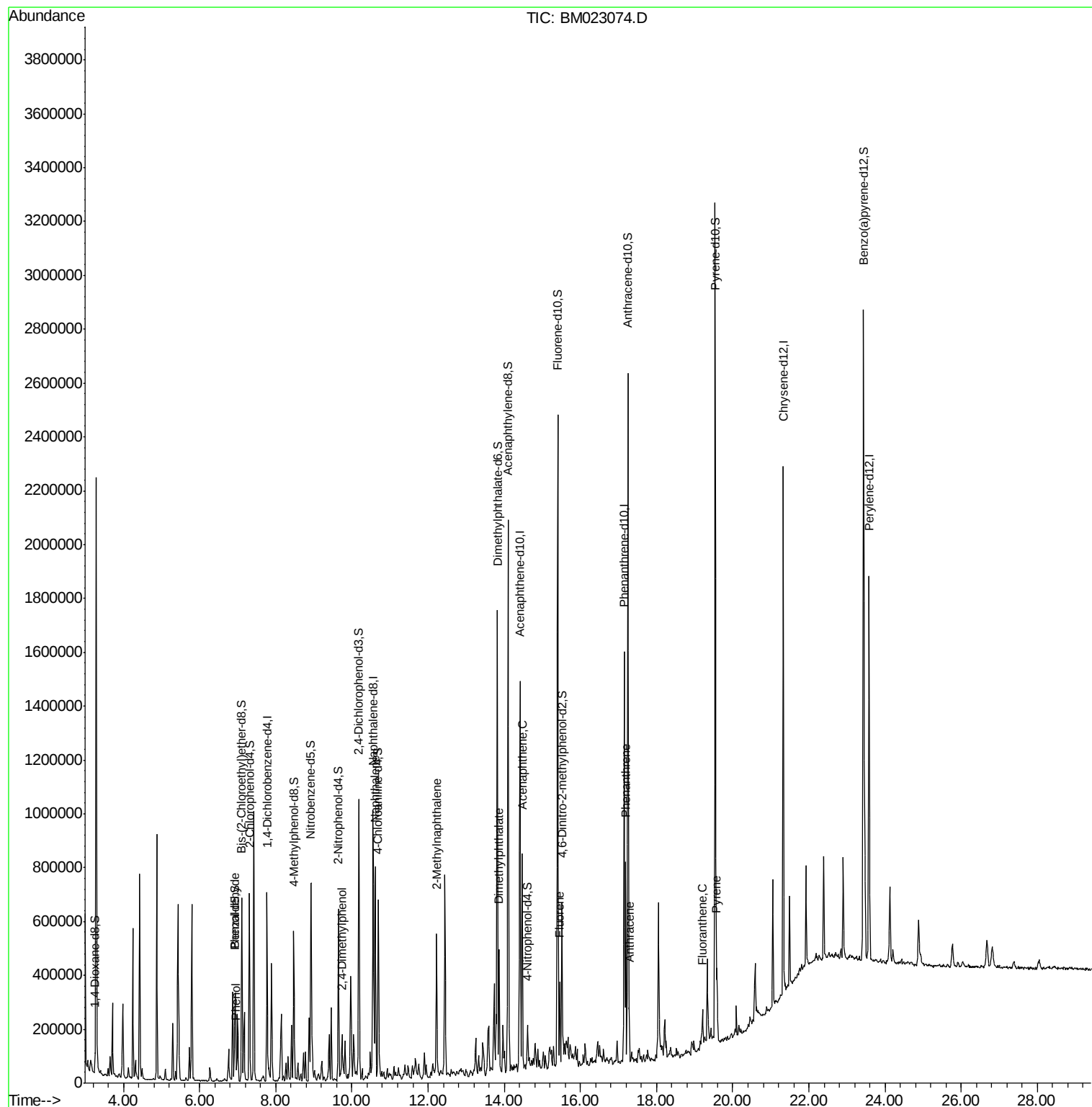
Target Compounds				Ovalue		
4) Benzaldehyde	6.92	77	41778	5.350	ng/ul#	1
6) Phenol	6.97	94	20873	1.155	ng/ul	97
24) 2,4-Dimethylphenol	9.74	107	59792	3.892	ng/ul	99
28) Naphthalene	10.61	128	598115	13.529	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	244708	7.383	ng/ul	100
45) Dimethylphthalate	13.86	163	292138	7.707	ng/ul	99
50) Acenaphthene	14.47	153	333196	10.400	ng/ul	99
59) Fluorene	15.46	166	132183	3.575	ng/ul	100
70) Phenanthrene	17.19	178	435579	8.115	ng/ul	100
72) Anthracene	17.28	178	111826	2.045	ng/ul	100
77) Fluoranthene	19.20	202	66813	1.107	ng/ul	98
80) Pyrene	19.57	202	80366	1.295	ng/ul	98

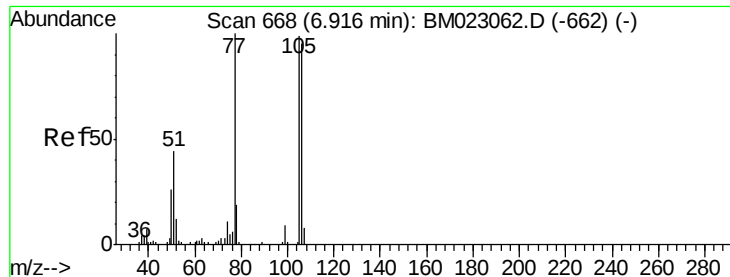
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 05:18:32 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 5.350 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM023074.D

Acq: 09 Oct 2019 08:58

Instrument :

BNA_M

ClientSampleId :

BFDL6

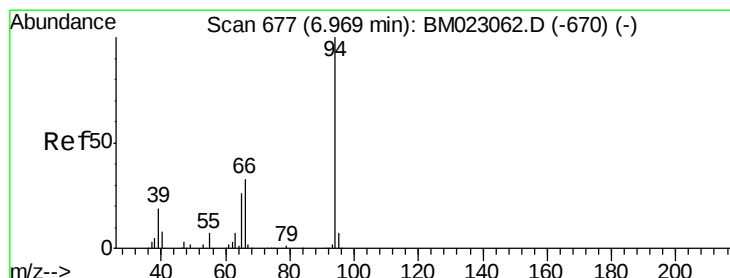
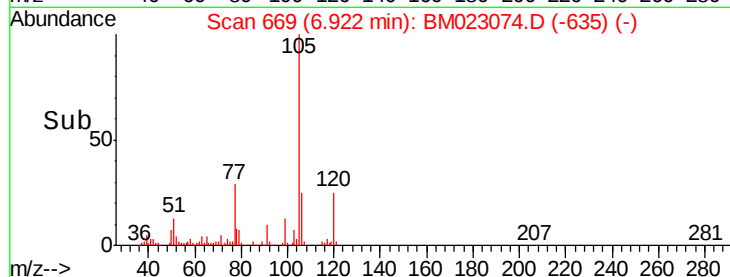
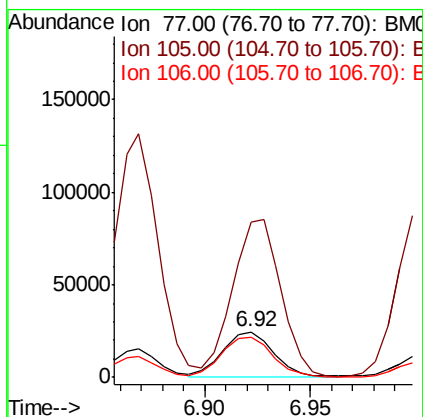
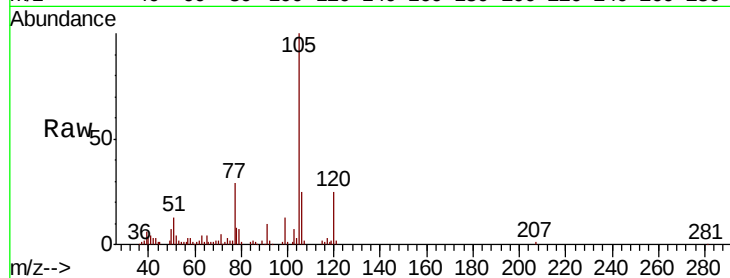
Tot Ion: 77 Resp: 41778

Ion Ratio Lower Upper

77 100

105 341.8 80.6 120.8#

106 87.1 77.0 115.6



#6

Phenol

Concen: 1.155 ng/ul

RT: 6.97 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM023074.D

Acq: 09 Oct 2019 08:58

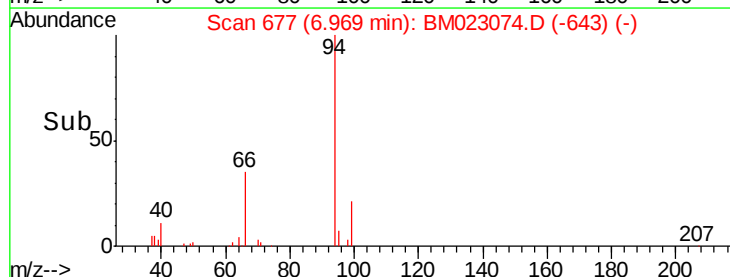
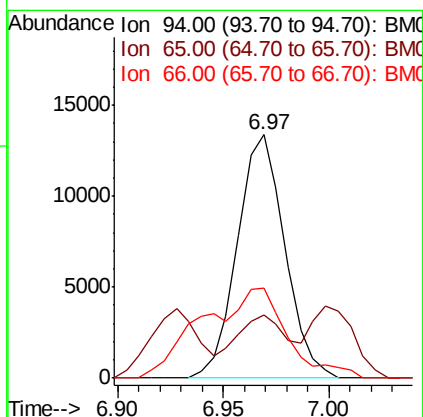
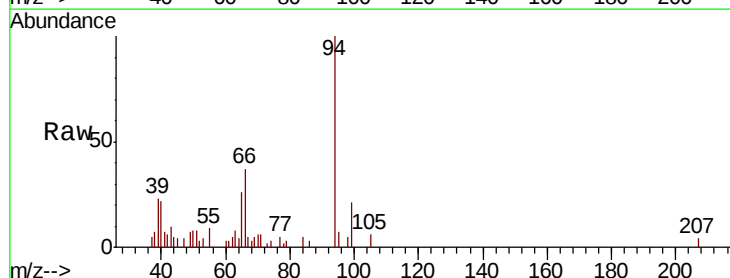
Tgt Ion: 94 Resp: 20873

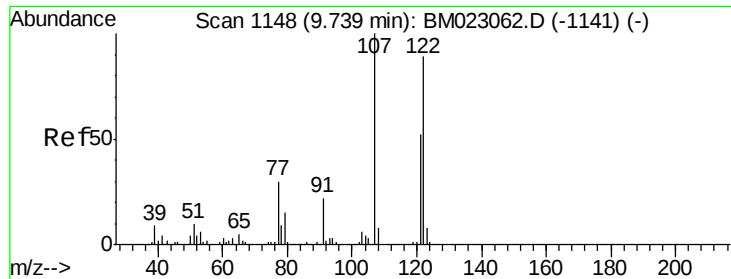
Ion Ratio Lower Upper

94 100

65 25.9 20.9 31.3

66 37.0 27.2 40.8





#24

2,4-Dimethylphenol

Concen: 3.892 ng/ul

RT: 9.74 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM023074.D

Acq: 09 Oct 2019 08:58

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ClientSampleId :

BFDL6

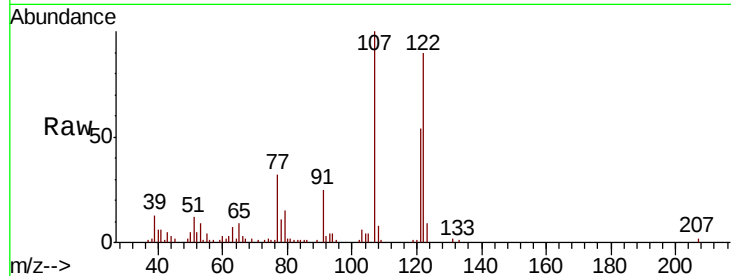
Tot Ion:107 Resp: 59792

Ion Ratio Lower Upper

107 100

121 54.0 43.0 64.4

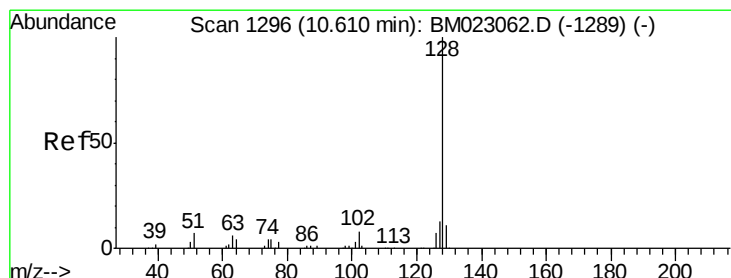
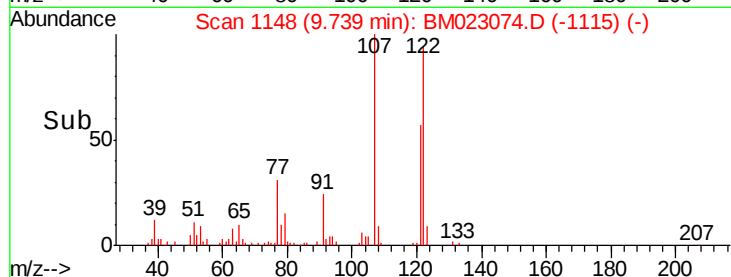
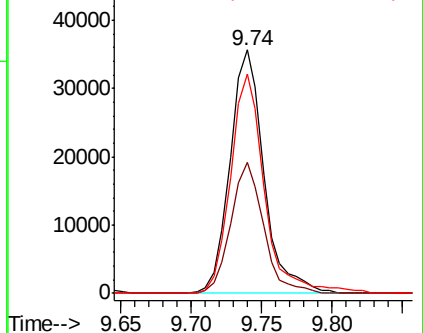
122 90.0 71.4 107.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Naphthalene

Concen: 13.529 ng/ul

RT: 10.61 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BM023074.D

Acq: 09 Oct 2019 08:58

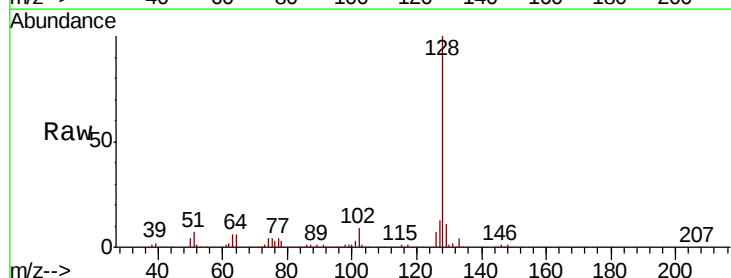
Tgt Ion:128 Resp: 598115

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

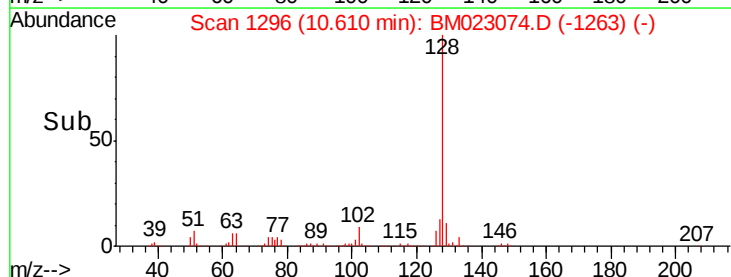
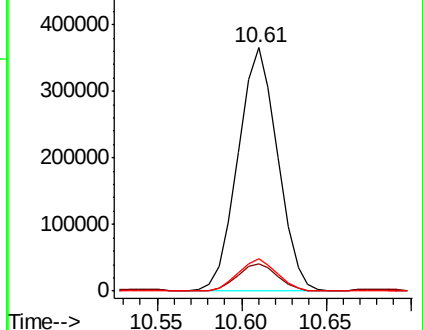
127 13.1 10.2 15.4

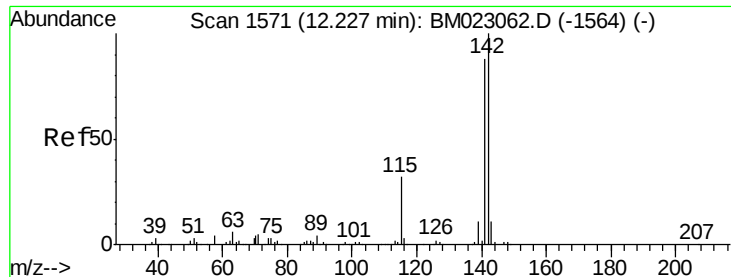


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

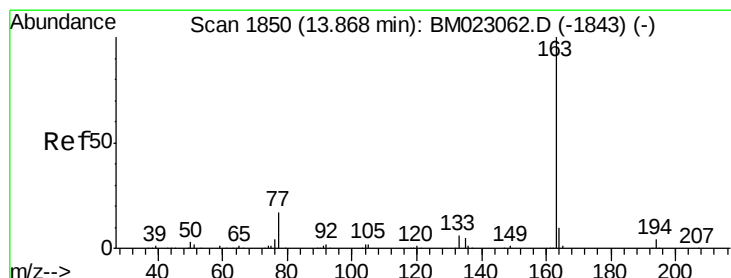
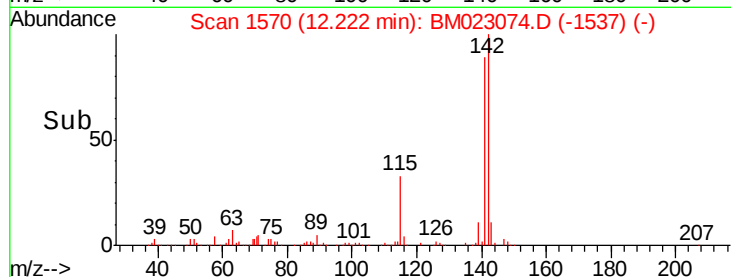
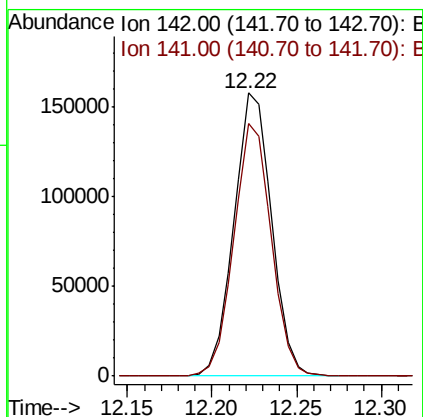
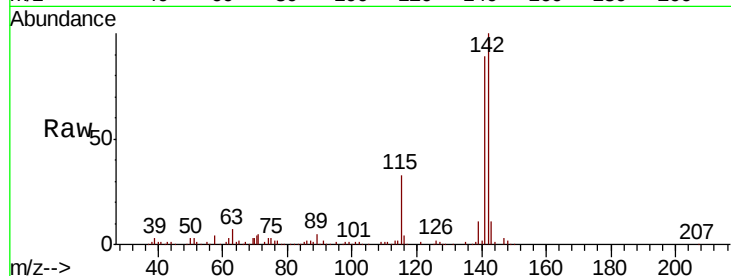




#34
2-Methylnaphthalene
Concen: 7.383 ng/ul
RT: 12.22 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BM023074.D
Acq: 09 Oct 2019 08:58

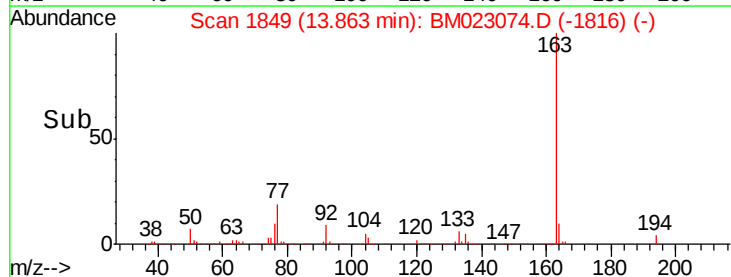
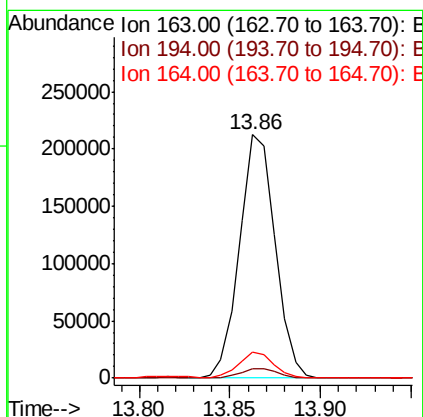
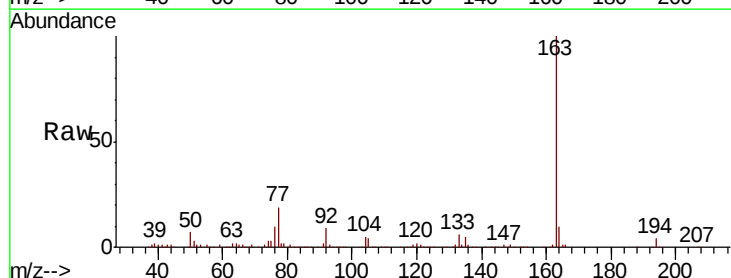
Instrument :
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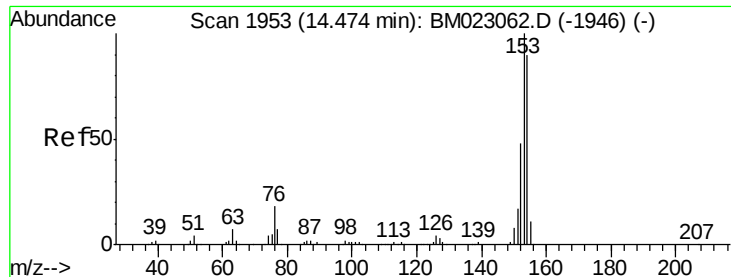
Tot Ion:142 Resp: 244708
Ion Ratio Lower Upper
142 100
141 89.4 71.2 106.8



#45
Dimethylphthalate
Concen: 7.707 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM023074.D
Acq: 09 Oct 2019 08:58

Tgt Ion:163 Resp: 292138
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.4 8.1 12.1





#50

Acenaphthene

Concen: 10.400 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BM023074.D

Acq: 09 Oct 2019 08:58

Instrument :

BNA_M

ClientSampleId :

BFDL6

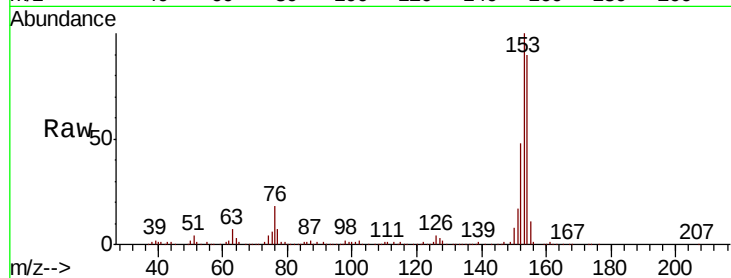
Tot Ion:153 Resp: 333196

Ion Ratio Lower Upper

153 100

152 47.7 38.1 57.1

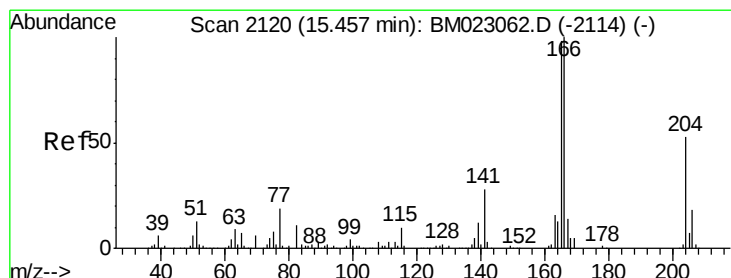
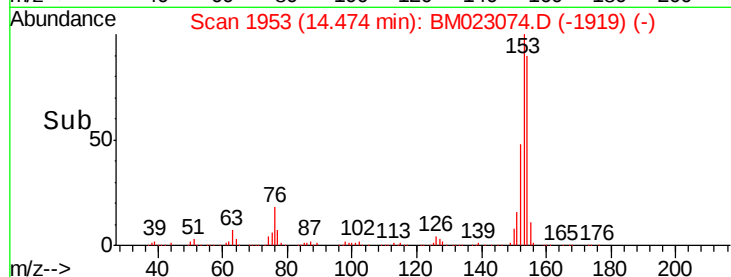
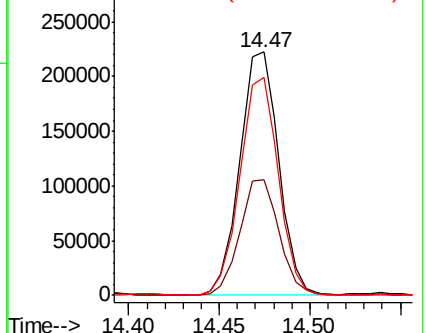
154 89.7 71.1 106.7



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



#59

Fluorene

Concen: 3.575 ng/ul

RT: 15.46 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BM023074.D

Acq: 09 Oct 2019 08:58

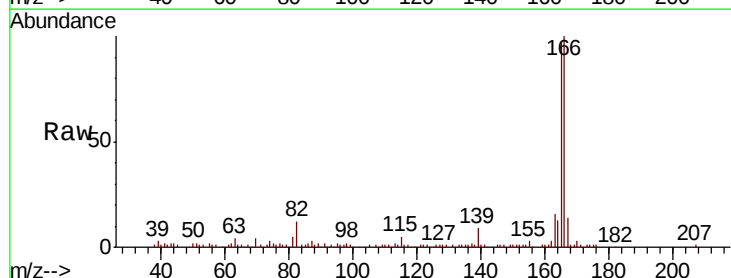
Tgt Ion:166 Resp: 132183

Ion Ratio Lower Upper

166 100

165 96.7 77.7 116.5

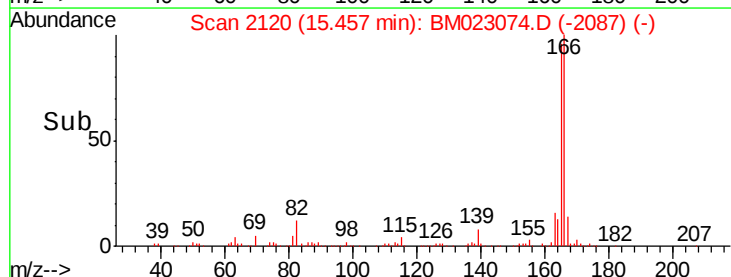
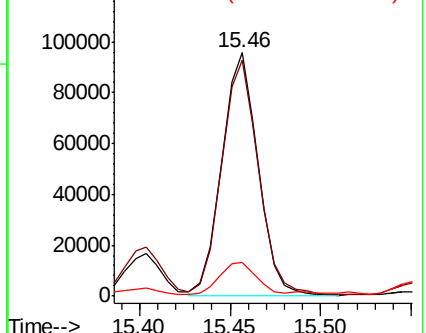
167 13.9 11.0 16.4

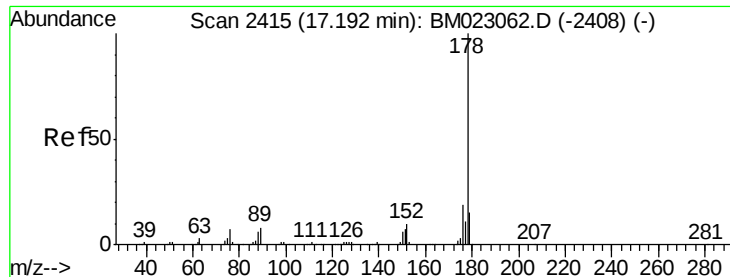


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 8.115 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BM023074.D

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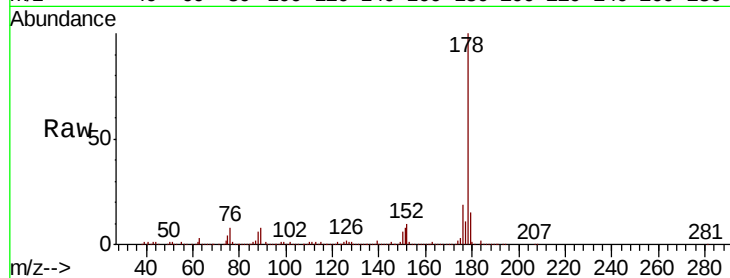
Tot Ion:178 Resp: 435579

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

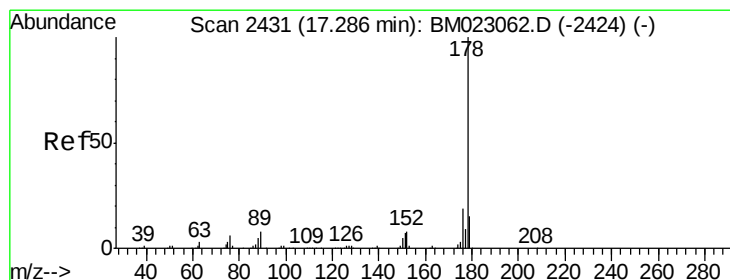
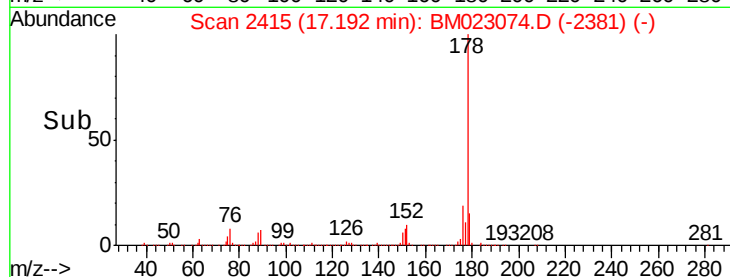
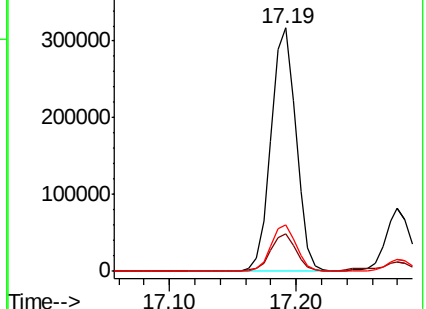
176 19.0 15.3 22.9



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



#72

Anthracene

Concen: 2.045 ng/ul

RT: 17.28 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BM023074.D

Acq: 09 Oct 2019 08:58

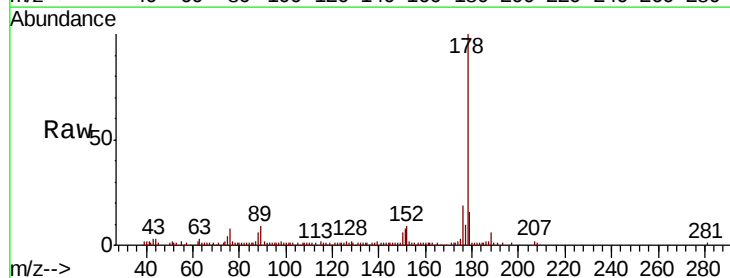
Tgt Ion:178 Resp: 111826

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

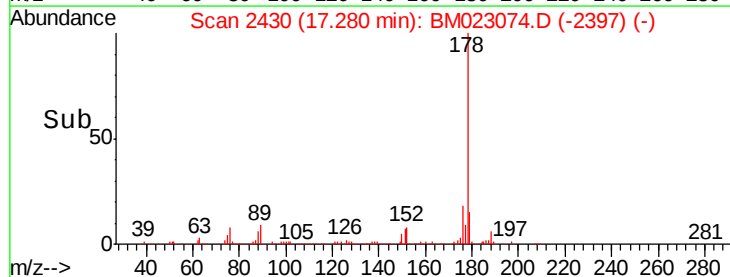
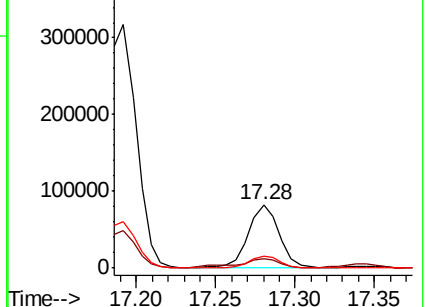
176 18.8 15.0 22.6

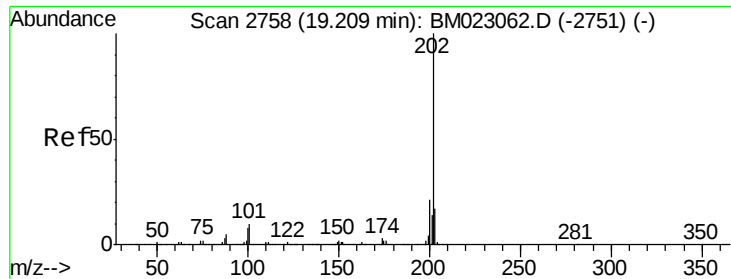


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

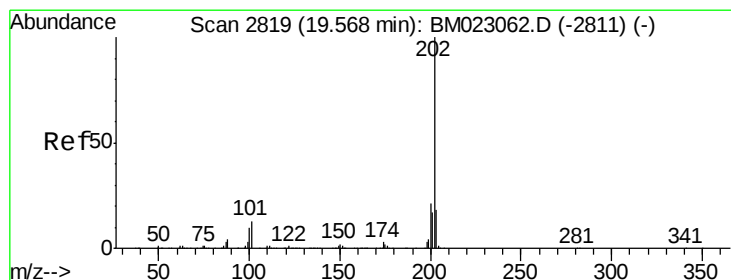
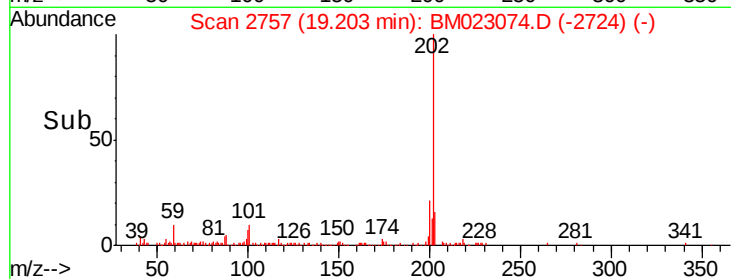
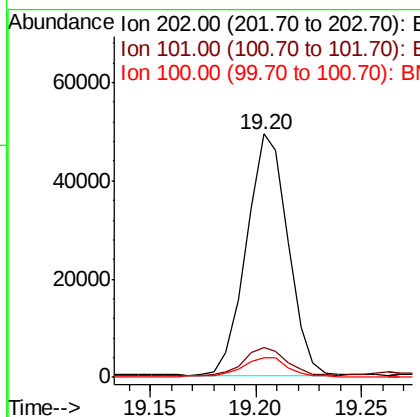
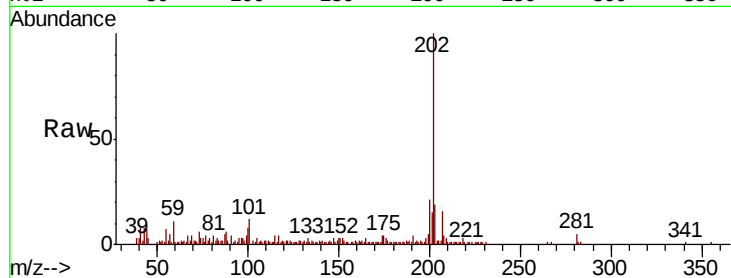




#77
 Fluoranthene
 Concen: 1.107 ng/ul
 RT: 19.20 min Scan# 2757
 Delta R.T. -0.01 min
 Lab File: BM023074.D
 Acq: 09 Oct 2019 08:58

Instrument :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.6	12.8
100	8.0	6.4	9.6



#80
 Pyrene
 Concen: 1.295 ng/ul
 RT: 19.57 min Scan# 2819
 Delta R.T. -0.01 min
 Lab File: BM023074.D
 Acq: 09 Oct 2019 08:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.7	14.5
100	10.5	7.8	11.8

