

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
 Data File : BM022875.D
 Acq On : 02 Oct 2019 04:21
 Operator : JU
 Sample : K4932-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

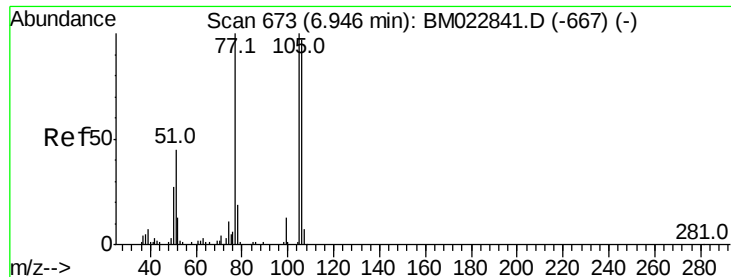
Quant Time: Oct 02 05:06:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	302440	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1291096	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.44	164	736986	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.17	188	1267308	20.00	ng/ul	-0.01
78) Chrysene-d12	21.36	240	999012	20.00	ng/ul	-0.01
86) Perylene-d12	23.62	264	1144517	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	35011	5.01	ng/uL	0.00
5) Phenol-d5	6.97	99	181704	6.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	324173	22.17	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	416456	19.35	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	299657	13.70	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	243511	24.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	261559	24.04	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	473753	21.87	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.72	131	548977	20.86	ng/ul	-0.01
44) Dimethylphthalate-d6	13.85	166	1370236	23.96	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	1587871	24.04	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.63	143	66994	5.93	ng/ul	0.00
58) Fluorene-d10	15.43	176	1132273	23.23	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	183952	22.30	ng/ul	-0.01
71) Anthracene-d10	17.27	188	1608742	25.99	ng/ul	-0.01
79) Pyrene-d10	19.57	212	1548345	28.80	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.47	264	1553691	26.24	ng/ul	-0.02

Target Compounds				Ovalue		
4) Benzaldehyde	6.96	77	62158	5.133	ng/ul#	1
6) Phenol	7.00	94	335476	11.975	ng/ul	98
11) 2-Methylphenol	8.24	108	108855	5.042	ng/ul	100
14) Acetophenone	8.61	105	127266	3.805	ng/ul#	41
16) 4-Methylphenol	8.57	108	468673	19.631	ng/ul	99
17) Hexachloroethane	8.91	117	99865	11.384	ng/ul#	6
24) 2,4-Dimethylphenol	9.77	107	347825	14.355	ng/ul	99
28) Naphthalene	10.65	128	3488933	50.037	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	1155087	22.095	ng/ul	100
35) 1-Methylnaphthalene	12.47	142	623982	12.497	ng/ul	99
45) Dimethylphthalate	13.89	163	658931	11.215	ng/ul	100
69) Pentachlorophenol	16.83	266	23979	2.168	ng/ul	98
70) Phenanthrene	17.22	178	77683	1.027	ng/ul	98
72) Anthracene	17.22	178	77946	1.011	ng/ul	97
75) Carbazole	17.57	167	74225	1.084	ng/ul	97

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



#4

Benzaldehyde

Concen: 5.133 ng/ul

RT: 6.96 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM022875.D

Acq: 02 Oct 2019 04:21

Instrument :

BNA_M

ClientSampleId :

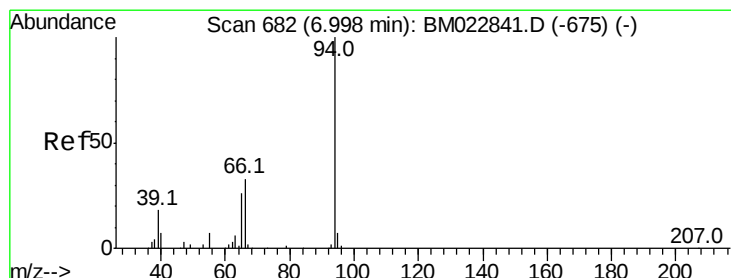
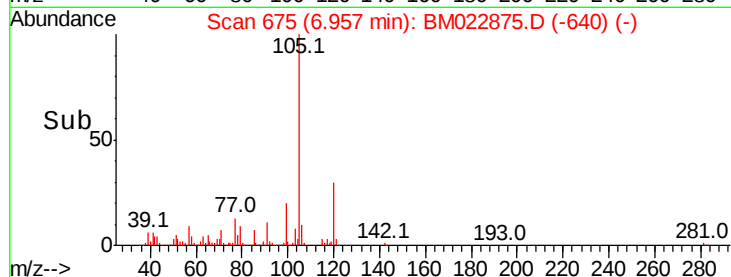
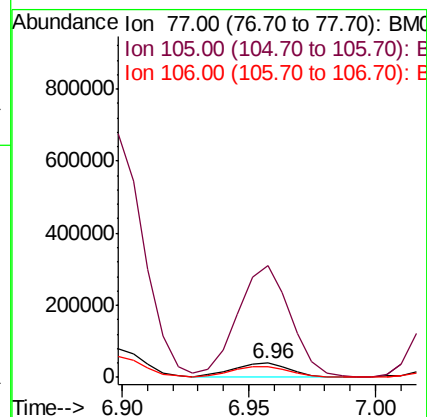
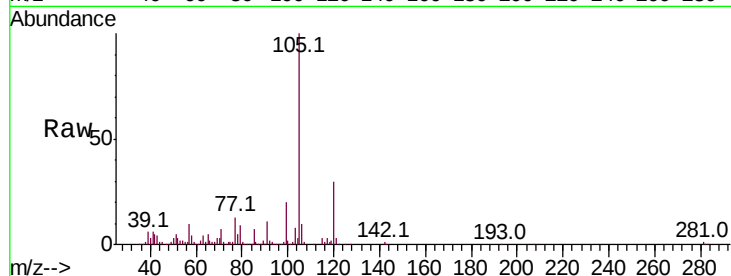
Tot Ion: 77 Resp: 62158

Ion Ratio Lower Upper

77 100

105 779.8 80.6 120.8#

106 75.3 77.0 115.6#



#6

Phenol

Concen: 11.975 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM022875.D

Acq: 02 Oct 2019 04:21

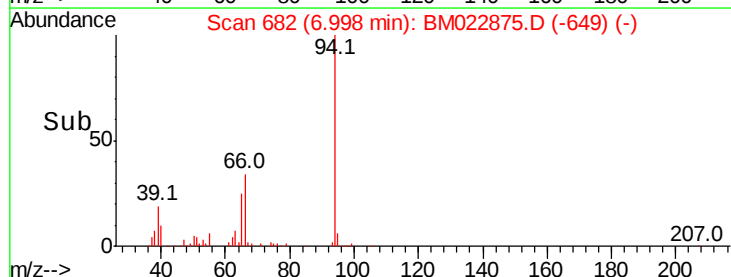
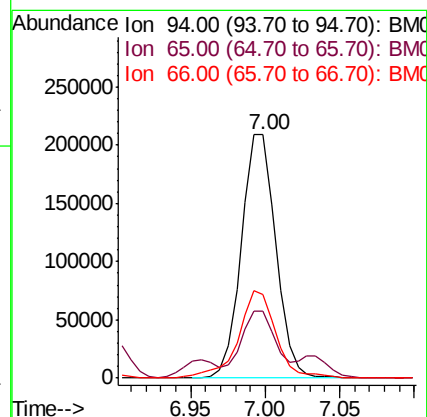
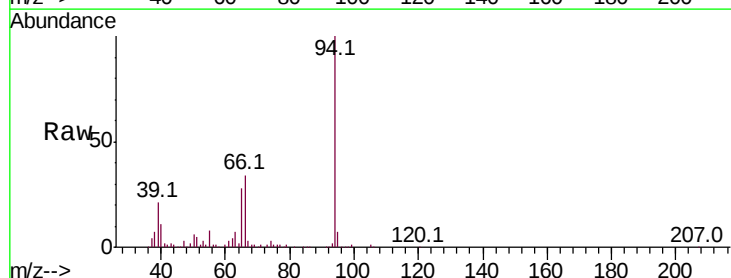
Tgt Ion: 94 Resp: 335476

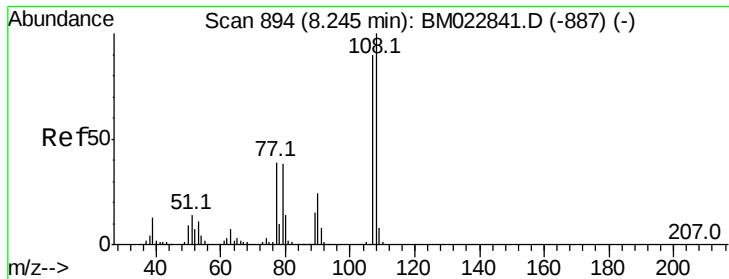
Ion Ratio Lower Upper

94 100

65 27.6 20.9 31.3

66 34.3 27.2 40.8





#11

2-Methylphenol

Concen: 5.042 ng/ul

RT: 8.24 min Scan# 893

Delta R.T. -0.01 min

Lab File: BM022875.D

Acq: 02 Oct 2019 04:21

Instrument :

BNA_M

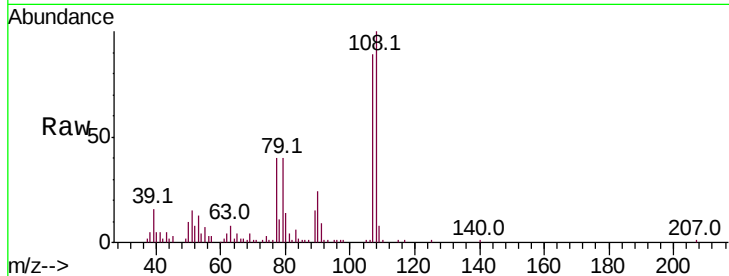
ClientSampleId :

Tot Ion:108 Resp: 108855

Ion Ratio Lower Upper

108 100

107 88.6 71.0 106.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.24

60000

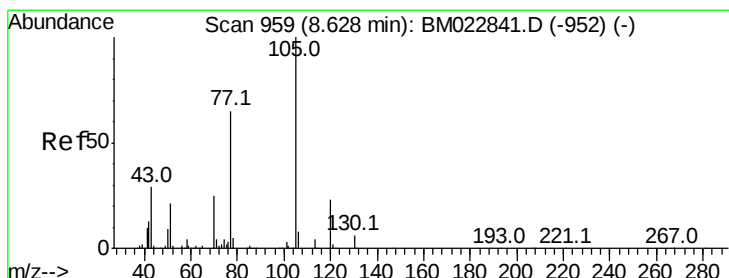
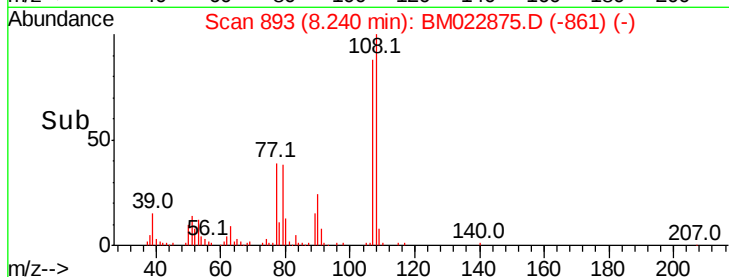
40000

20000

0

8.20 8.25 8.30

Time-->



#14

Acetophenone

Concen: 3.805 ng/ul

RT: 8.61 min Scan# 956

Delta R.T. -0.02 min

Lab File: BM022875.D

Acq: 02 Oct 2019 04:21

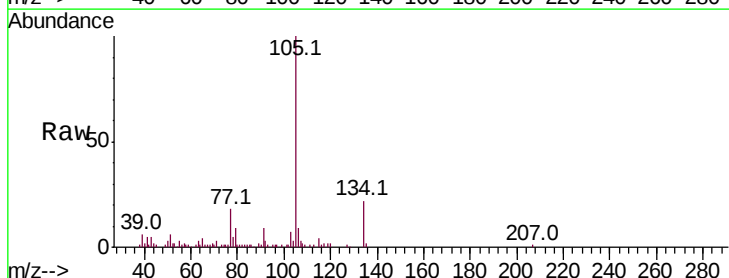
Tgt Ion:105 Resp: 127266

Ion Ratio Lower Upper

105 100

77 17.9 59.4 89.0#

51 6.3 19.4 29.0#



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

120000

100000

80000

60000

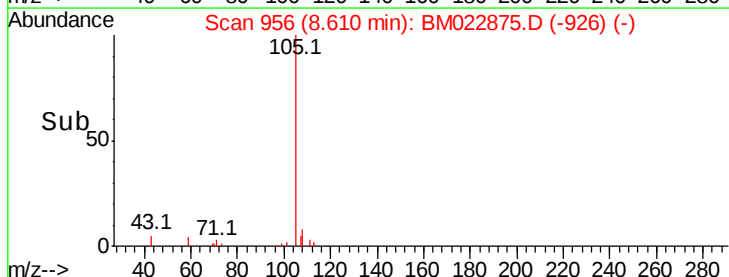
40000

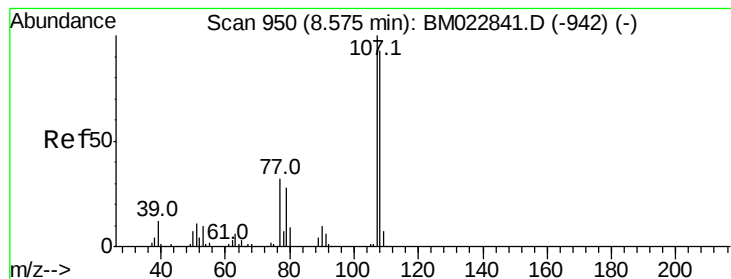
20000

0

8.55 8.60 8.65 8.70

Time-->





#16

4-Methylphenol

Concen: 19.631 ng/ul

RT: 8.57 min Scan# 949

Delta R.T. -0.01 min

Lab File: BM022875.D

Acq: 02 Oct 2019 04:21

Instrument :

BNA_M

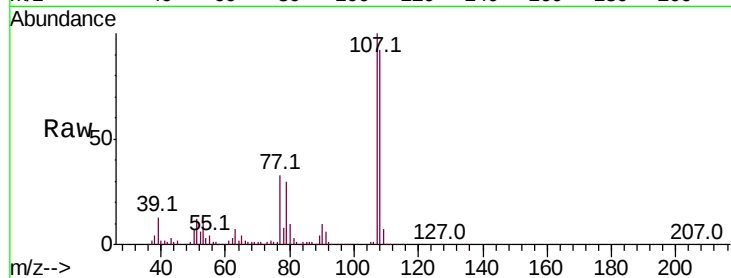
ClientSampleId :

Tot Ion:108 Resp: 468673

Ion Ratio Lower Upper

108 100

107 108.7 87.9 131.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.57

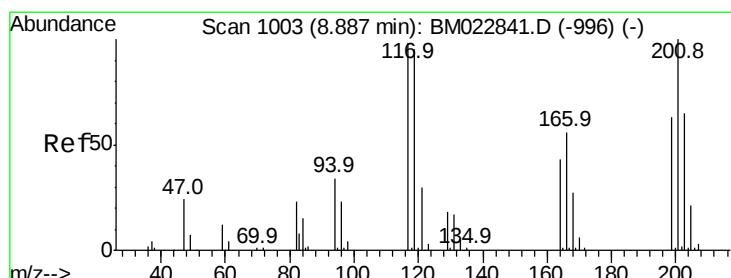
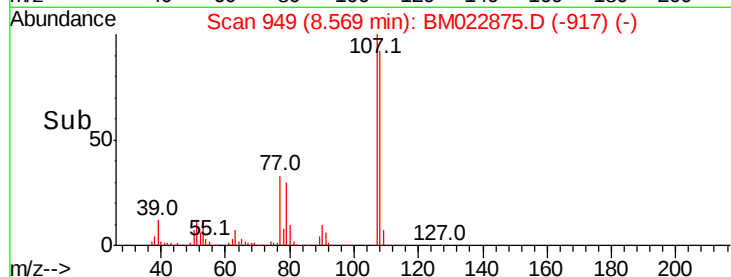
300000

200000

100000

0

Time-->



#17

Hexachloroethane

Concen: 11.384 ng/ul

RT: 8.91 min Scan# 1007

Delta R.T. 0.02 min

Lab File: BM022875.D

Acq: 02 Oct 2019 04:21

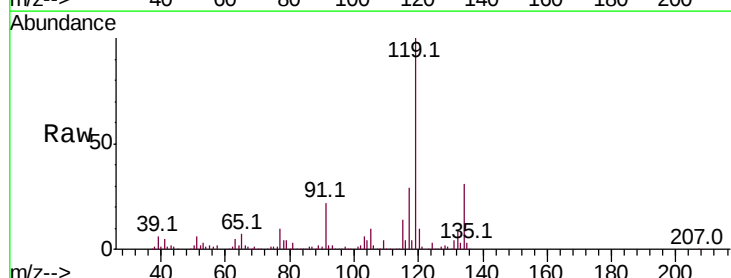
Tgt Ion:117 Resp: 99865

Ion Ratio Lower Upper

117 100

201 0.0 82.5 123.7#

199 0.0 51.6 77.4#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

200000

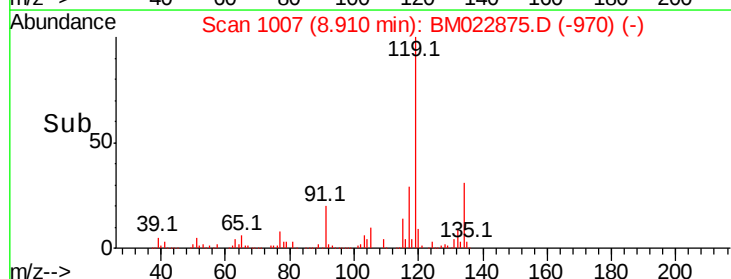
150000

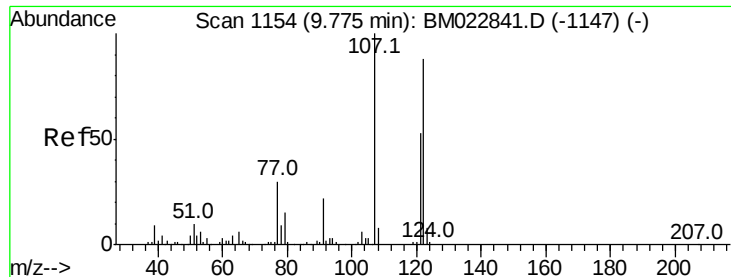
100000

50000

0

Time-->





#24

2,4-Dimethylphenol

Concen: 14.355 ng/ul

RT: 9.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BM022875.D

Acq: 02 Oct 2019 04:21

Instrument :

BNA_M

ClientSampleId :

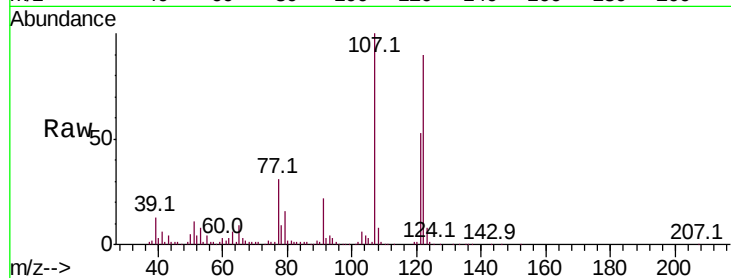
Tot Ion:107 Resp: 347825

Ion Ratio Lower Upper

107 100

121 53.2 43.0 64.4

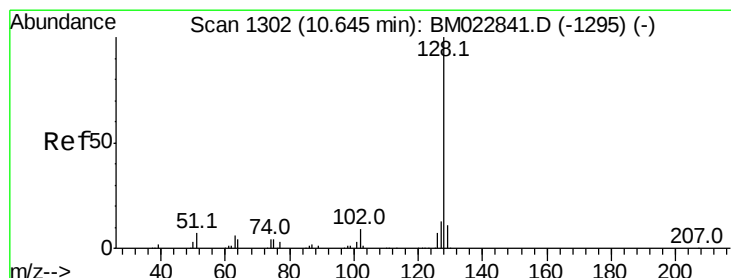
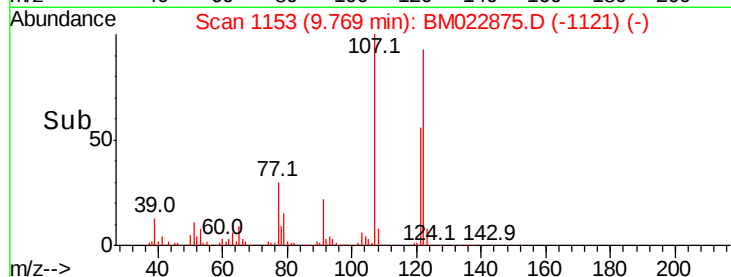
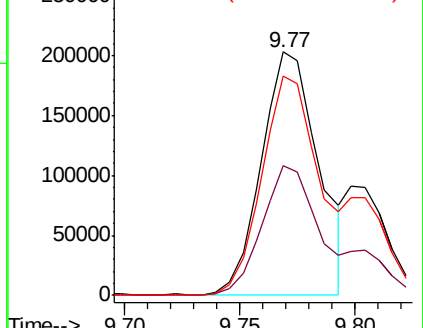
122 90.2 71.4 107.0



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: 50.037 ng/ul

RT: 10.65 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BM022875.D

Acq: 02 Oct 2019 04:21

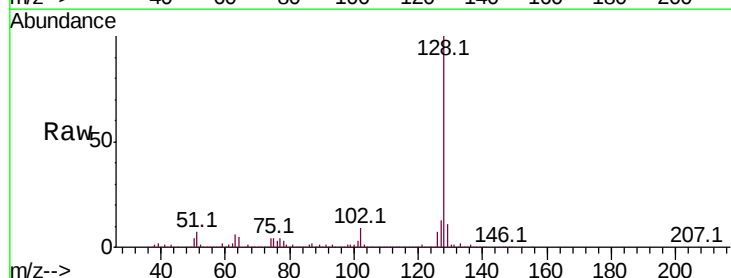
Tgt Ion:128 Resp: 3488933

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

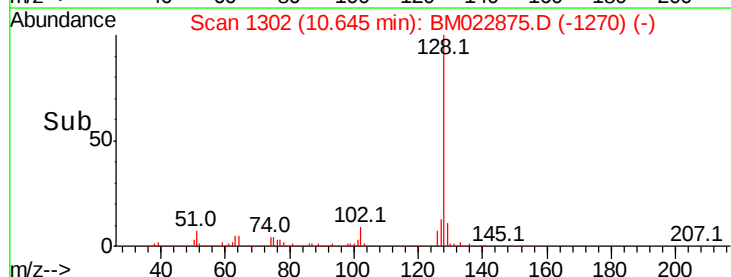
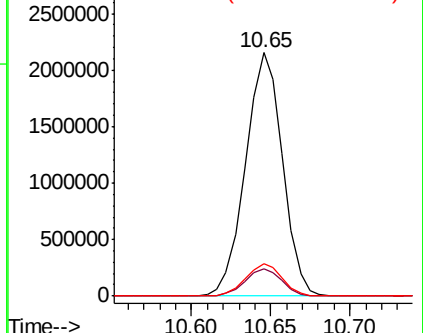
127 13.1 10.2 15.4

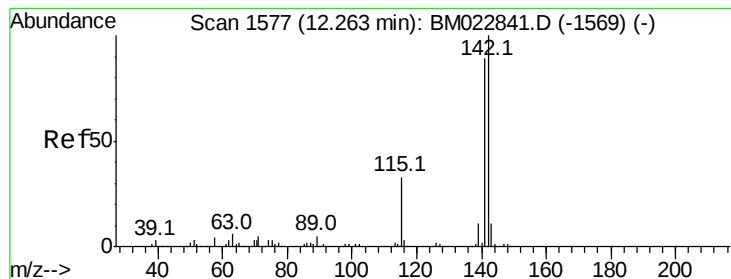


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#34

2-Methylnaphthalene

Concen: 22.095 ng/ul

RT: 12.26 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BM022875.D

Acq: 02 Oct 2019 04:21

Instrument :

BNA_M

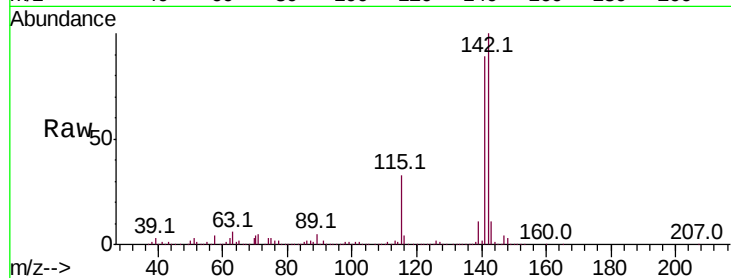
ClientSampleId :

Tot Ion:142 Resp: 1155087

Ion Ratio Lower Upper

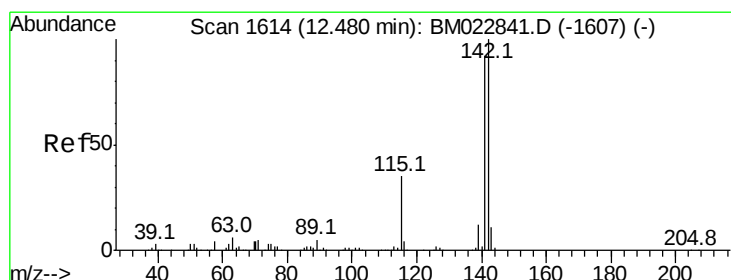
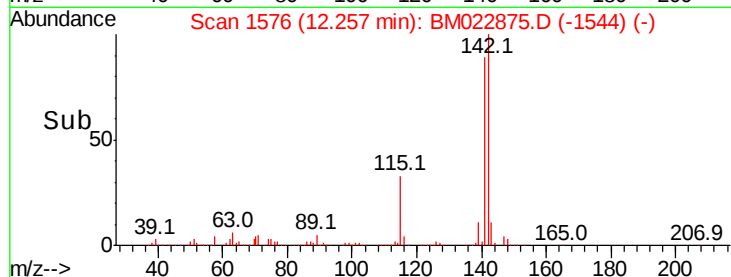
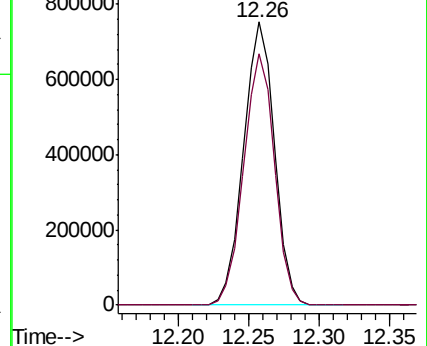
142 100

141 88.7 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 12.497 ng/ul

RT: 12.47 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BM022875.D

Acq: 02 Oct 2019 04:21

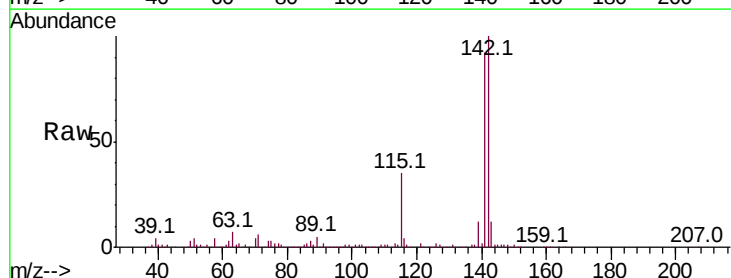
Tgt Ion:142 Resp: 623982

Ion Ratio Lower Upper

142 100

141 92.1 73.0 109.6

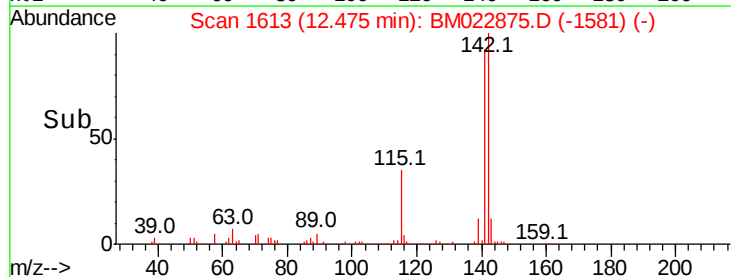
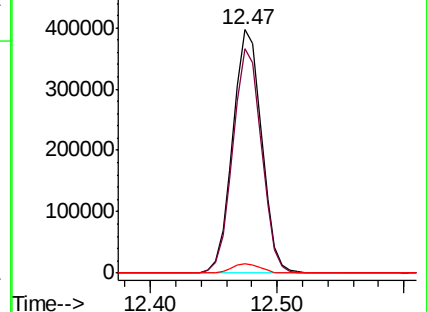
116 3.8 2.9 4.3

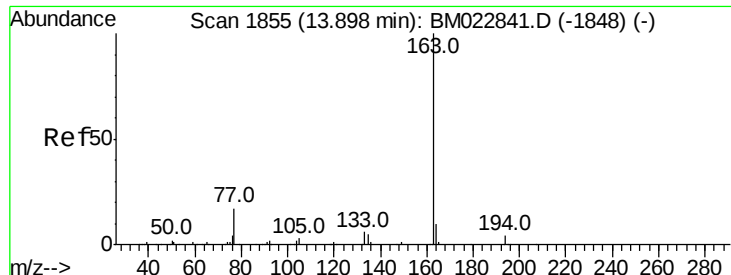


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#45

Dimethylphthalate

Concen: 11.215 ng/ul

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM022875.D

Acq: 02 Oct 2019 04:21

Instrument :

BNA_M

ClientSampleId :

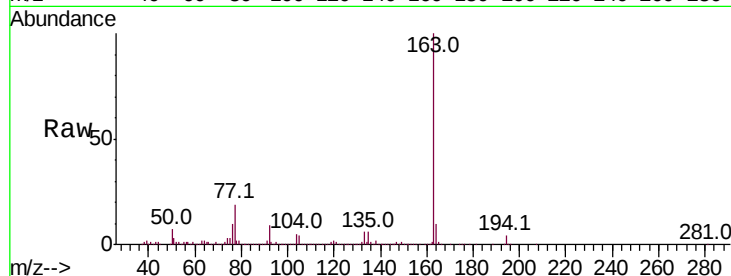
Tot Ion:163 Resp: 658931

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

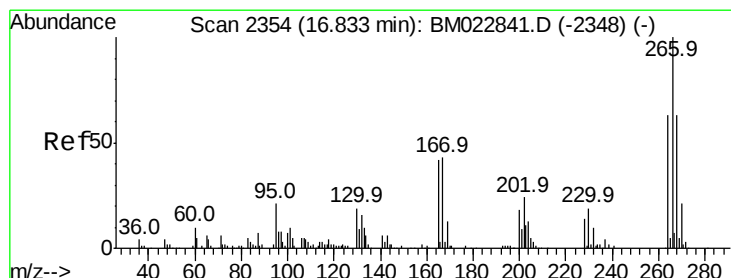
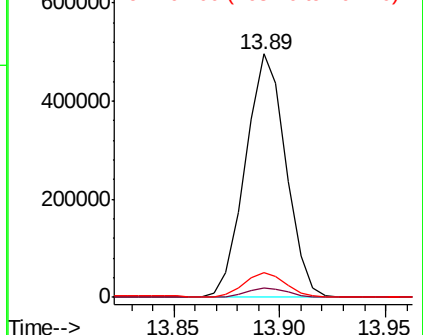
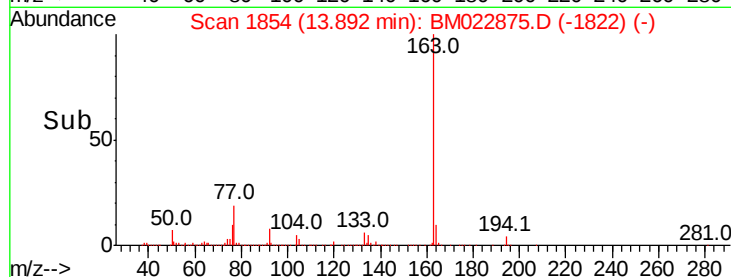
164 10.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Pentachlorophenol

Concen: 2.168 ng/ul

RT: 16.83 min Scan# 2353

Delta R.T. -0.01 min

Lab File: BM022875.D

Acq: 02 Oct 2019 04:21

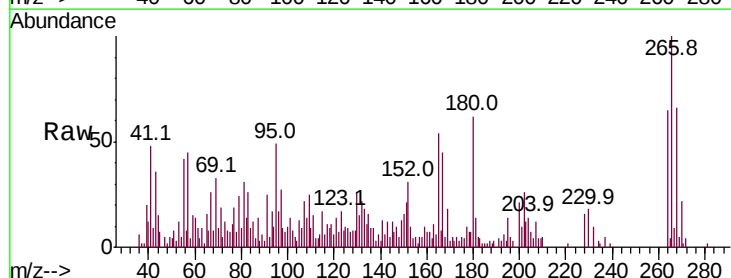
Tgt Ion:266 Resp: 23979

Ion Ratio Lower Upper

266 100

264 65.4 50.8 76.2

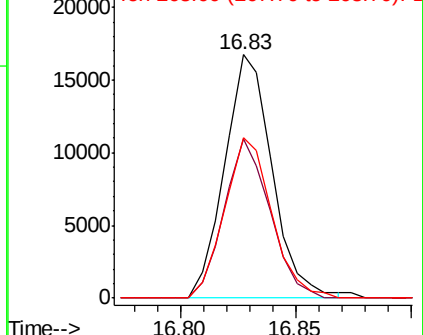
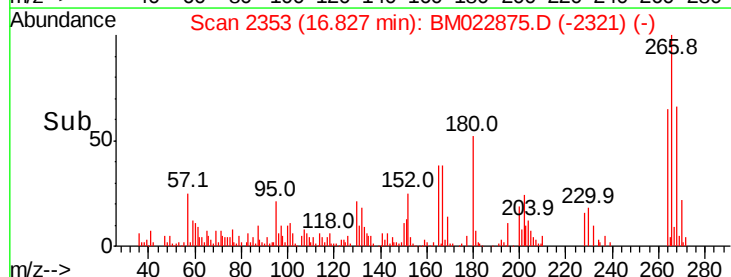
268 65.7 51.4 77.0

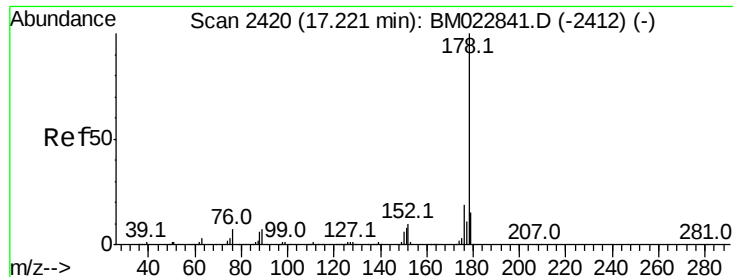


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#70

Phenanthrene

Concen: 1.027 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM022875.D

Acq: 02 Oct 2019 04:21

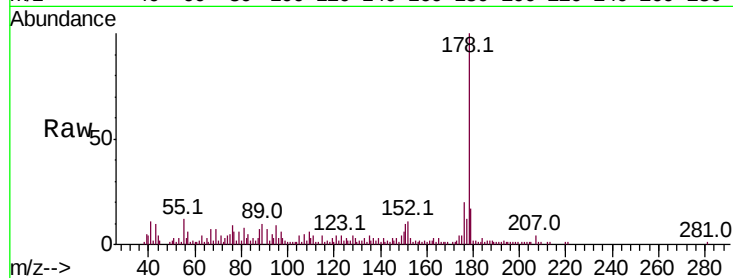
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 77683

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.4	18.6
176	20.2	15.3	22.9

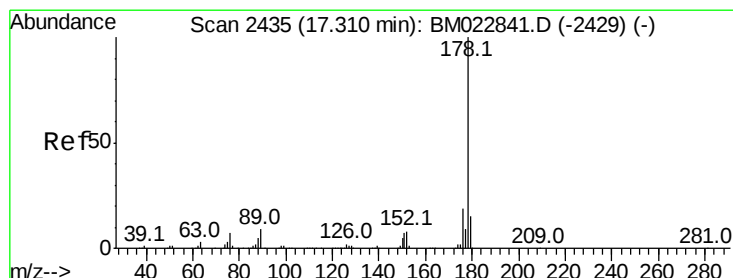
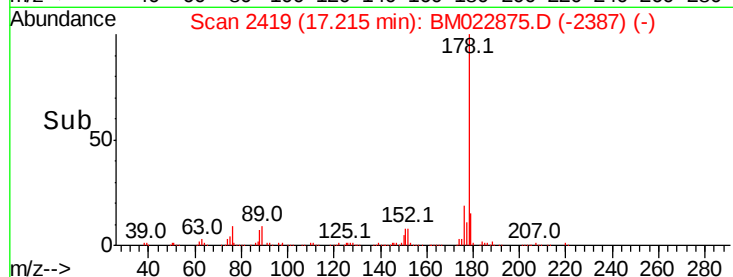
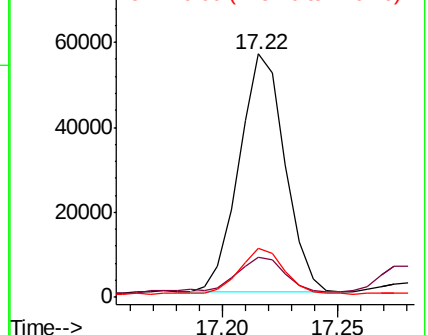


Abundance

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: 1.011 ng/ul

RT: 17.22 min Scan# 2419

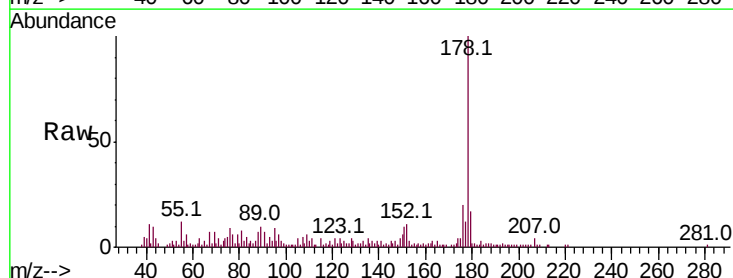
Delta R.T. -0.11 min

Lab File: BM022875.D

Acq: 02 Oct 2019 04:21

Tgt Ion:178 Resp: 77946

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.4	18.6
176	20.2	15.0	22.6

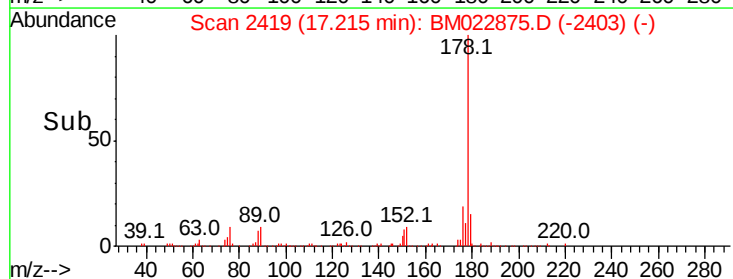
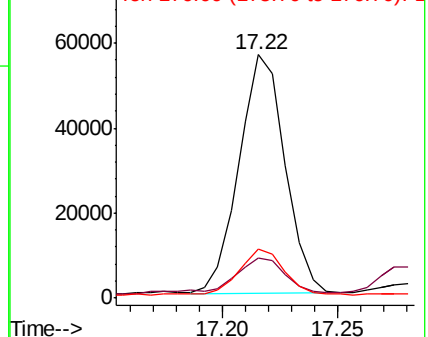


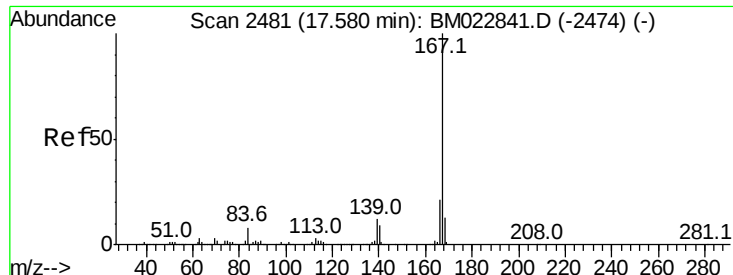
Abundance

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: 1.084 ng/ul

RT: 17.57 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BM022875.D

Acq: 02 Oct 2019 04:21

Instrument :

BNA_M

ClientSampleId :

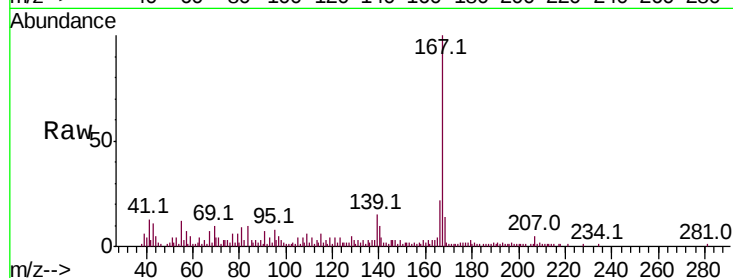
Tot Ion:167 Resp: 74225

Ion Ratio Lower Upper

167 100

166 22.2 17.1 25.7

139 14.7 9.9 14.9



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

