

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
 Data File : BM022880.D
 Acq On : 02 Oct 2019 07:23
 Operator : JU
 Sample : K4932-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 02 08:44:31 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	312932	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.59	136	1382564	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.44	164	822357	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.17	188	1428344	20.00	ng/ul	-0.01
78) Chrysene-d12	21.36	240	1039013	20.00	ng/ul	-0.01
86) Perylene-d12	23.62	264	1194364	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	36347	5.02	ng/uL	0.00
5) Phenol-d5	6.97	99	168144	6.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	342391	22.63	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	423783	19.03	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	297656	13.15	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	249604	23.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	279976	24.03	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	506871	21.85	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.72	131	442558	15.70	ng/ul	-0.01
44) Dimethylphthalate-d6	13.84	166	1653251	25.90	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	1782971	24.20	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.63	143	68755	5.45	ng/ul	0.00
58) Fluorene-d10	15.43	176	1328945	24.43	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	227686	24.49	ng/ul	-0.01
71) Anthracene-d10	17.27	188	1952644	27.99	ng/ul	-0.01
79) Pyrene-d10	19.57	212	1852673	33.13	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.47	264	1779605	28.80	ng/ul	-0.02

Target Compounds

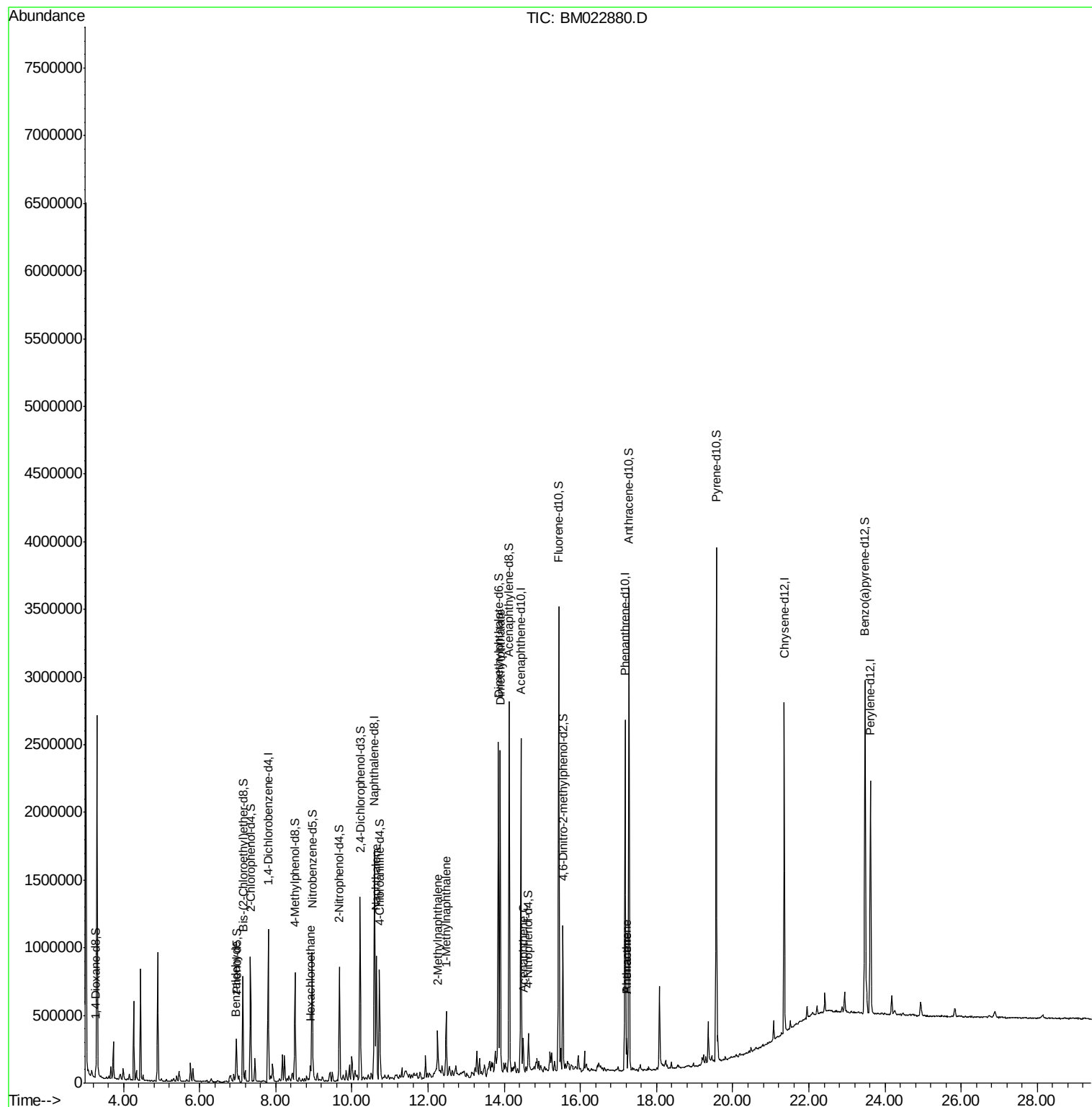
					Ovalue
4) Benzaldehyde	6.95	77	20752	1.656 ng/ul#	69
17) Hexachloroethane	8.91	117	10726	1.182 ng/ul#	6
28) Naphthalene	10.64	128	729389	9.769 ng/ul	99
34) 2-Methylnaphthalene	12.26	142	166613	2.976 ng/ul	98
35) 1-Methylnaphthalene	12.47	142	210140	3.930 ng/ul	98
45) Dimethylphthalate	13.89	163	1515940	23.122 ng/ul	99
50) Acenaphthene	14.50	153	101225	1.827 ng/ul	99
70) Phenanthrene	17.22	178	132909	1.559 ng/ul	100
72) Anthracene	17.22	178	133784	1.540 ng/ul	99

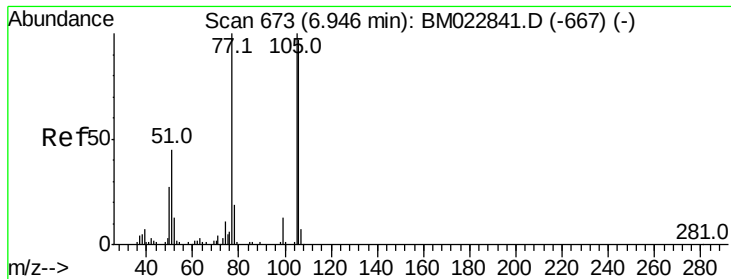
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.656 ng/ul

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM022880.D

Acq: 02 Oct 2019 07:23

Instrument :

BNA_M

ClientSampled :

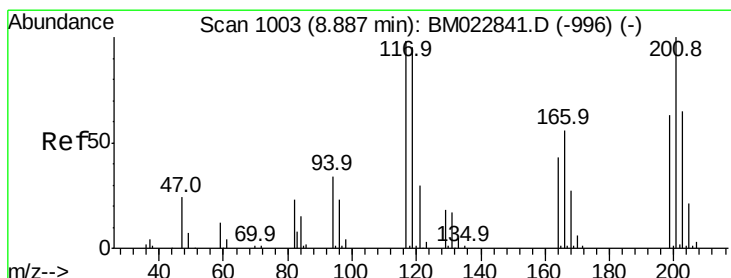
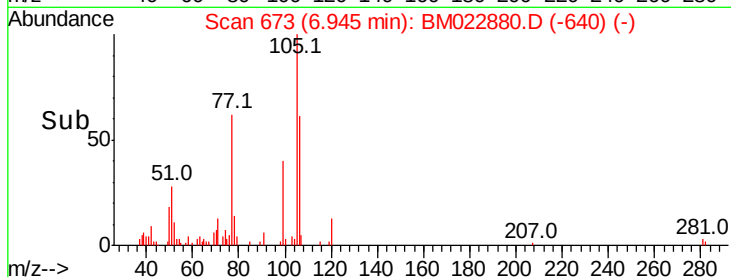
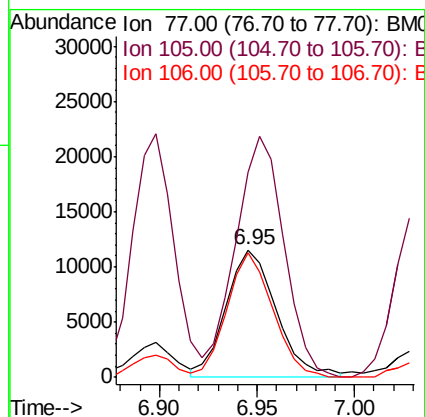
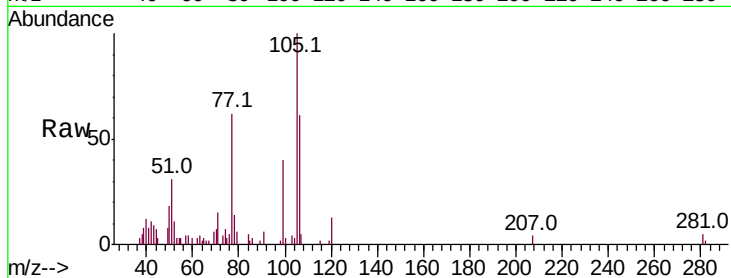
Tot Ion: 77 Resp: 20752

Ion Ratio Lower Upper

77 100

105 160.6 80.6 120.8#

106 98.1 77.0 115.6



#17

Hexachloroethane

Concen: 1.182 ng/ul

RT: 8.91 min Scan# 1007

Delta R.T. 0.02 min

Lab File: BM022880.D

Acq: 02 Oct 2019 07:23

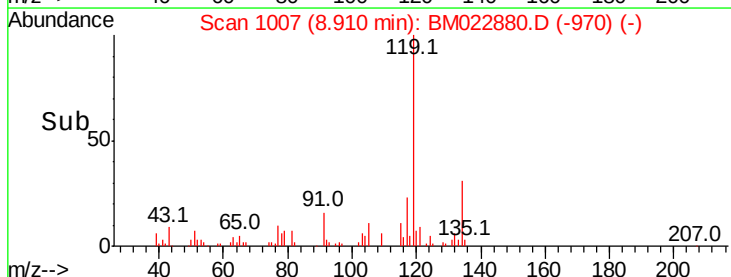
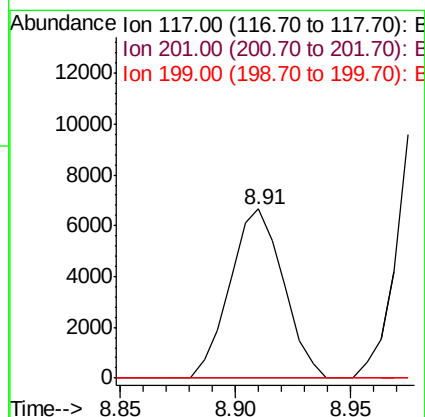
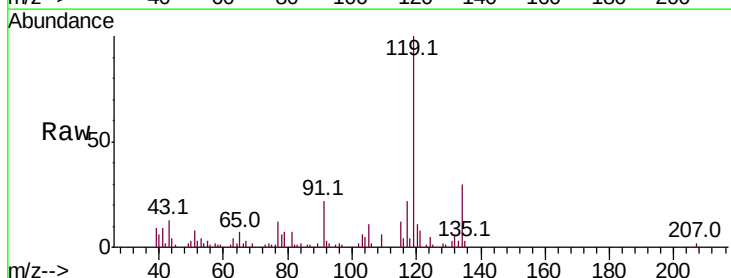
Tgt Ion: 117 Resp: 10726

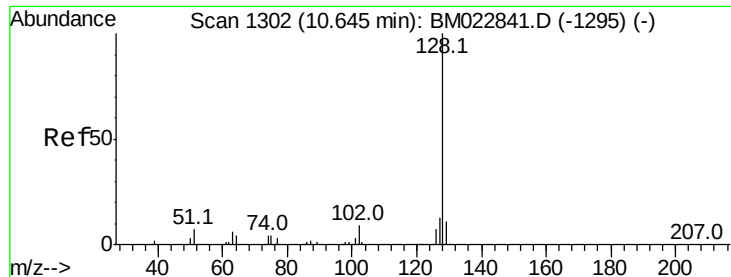
Ion Ratio Lower Upper

117 100

201 0.0 82.5 123.7#

199 0.0 51.6 77.4#

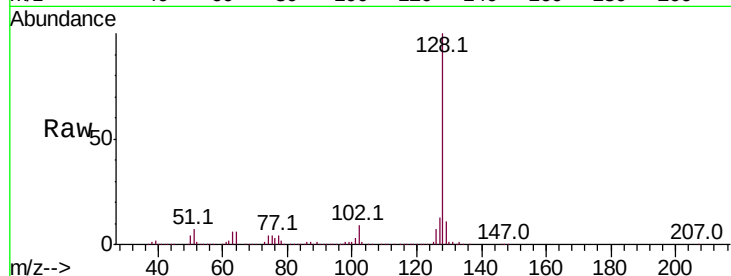




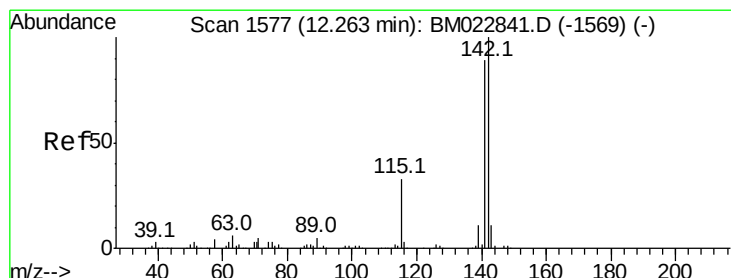
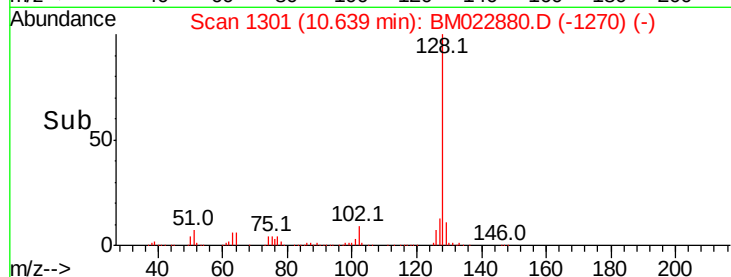
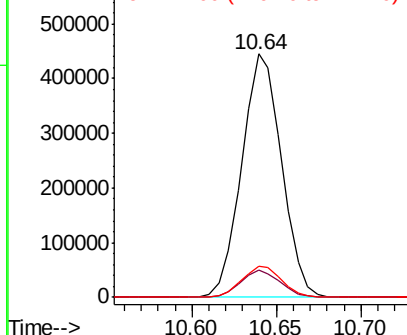
#28
Naphthalene
Concen: 9.769 ng/ul
RT: 10.64 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BM022880.D
Acq: 02 Oct 2019 07:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 729389
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.0 10.2 15.4

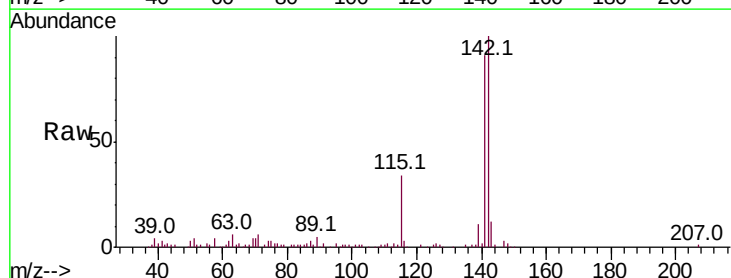


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

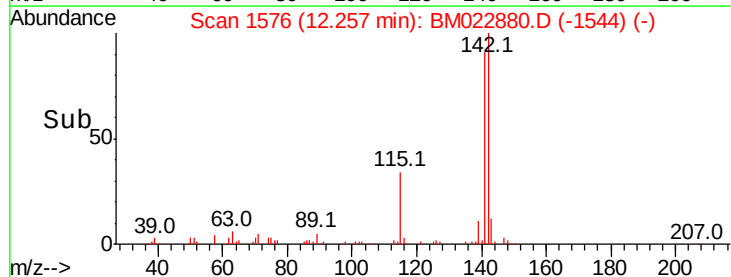
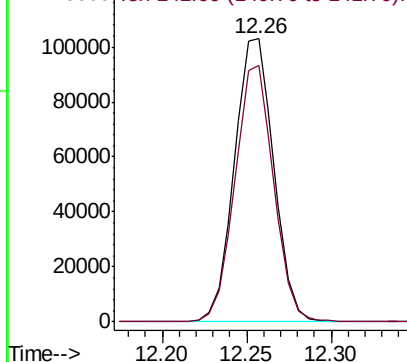


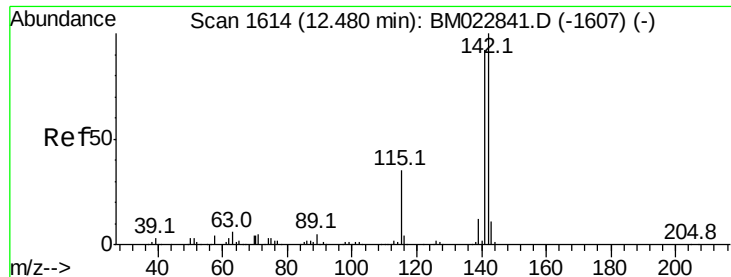
#34
2-Methylnaphthalene
Concen: 2.976 ng/ul
RT: 12.26 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM022880.D
Acq: 02 Oct 2019 07:23

Tgt Ion:142 Resp: 166613
Ion Ratio Lower Upper
142 100
141 90.6 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

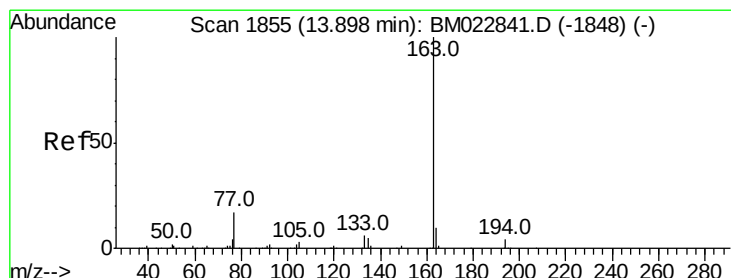
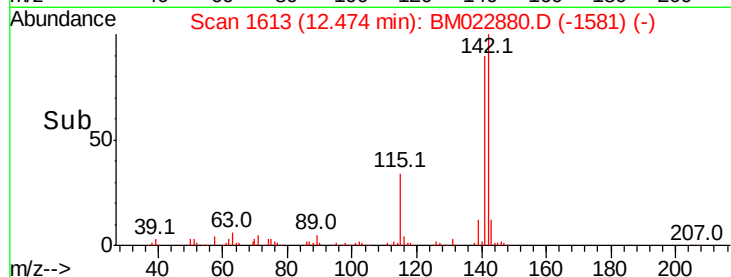
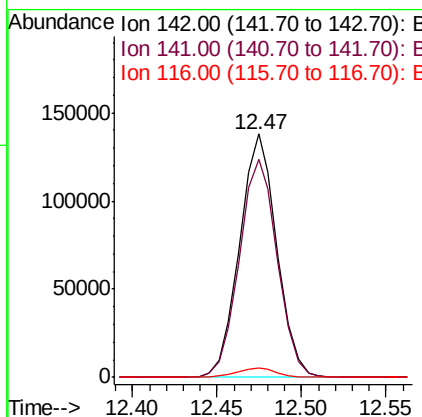
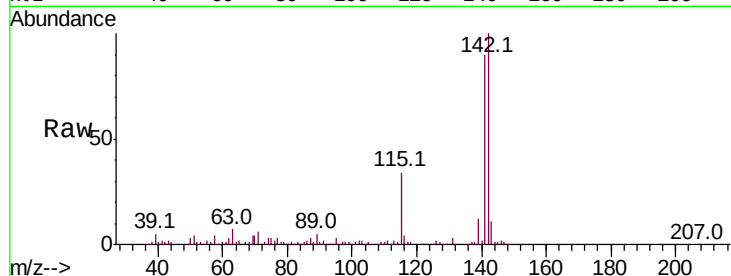




#35
1-Methylnaphthalene
Concen: 3.930 ng/ul
RT: 12.47 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM022880.D
Acq: 02 Oct 2019 07:23

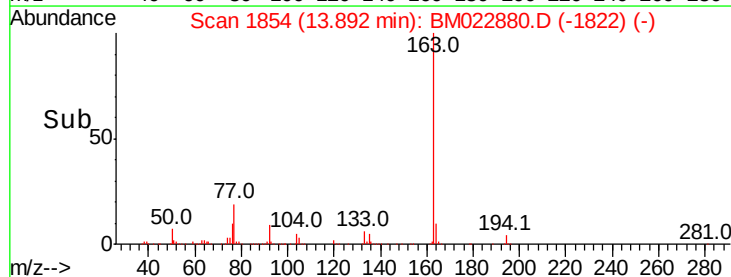
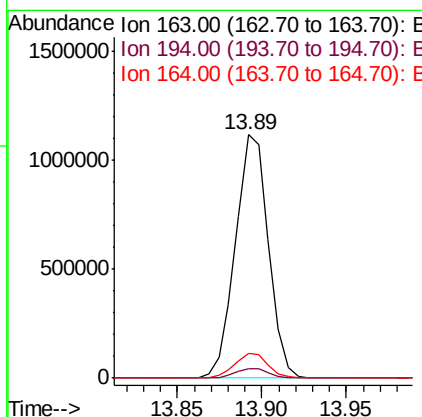
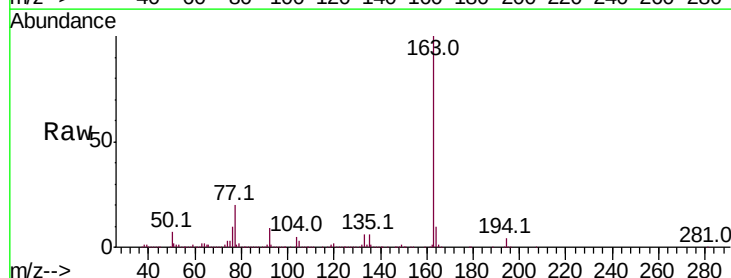
Instrument :
BNA_M
ClientSampleId :

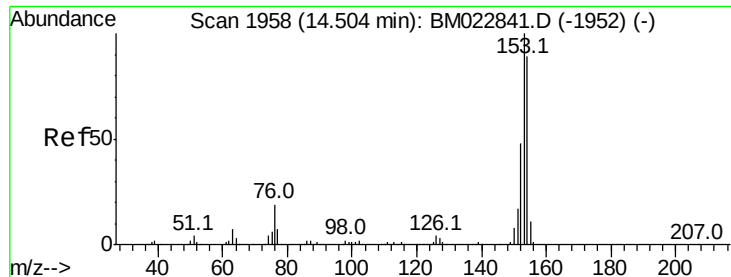
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.0	109.6
116	3.7	2.9	4.3



#45
Dimethylphthalate
Concen: 23.122 ng/ul
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM022880.D
Acq: 02 Oct 2019 07:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.3	8.1	12.1





#50

Acenaphthene

Concen: 1.827 ng/ul

RT: 14.50 min Scan# 1957

Delta R.T. -0.02 min

Lab File: BM022880.D

Acq: 02 Oct 2019 07:23

Instrument :

BNA_M

ClientSampleId :

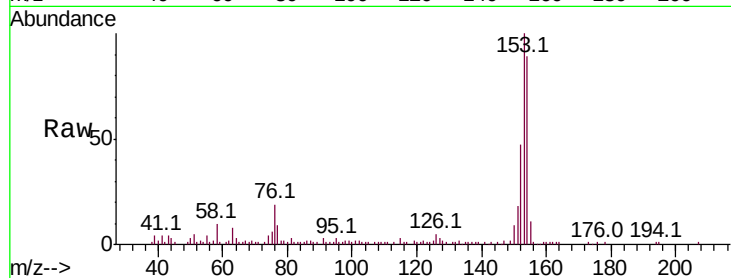
Tot Ion:153 Resp: 101225

Ion Ratio Lower Upper

153 100

152 46.7 38.1 57.1

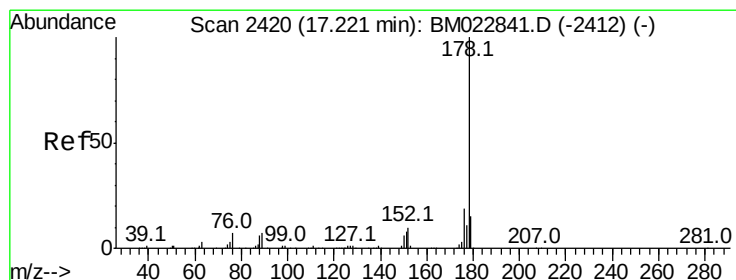
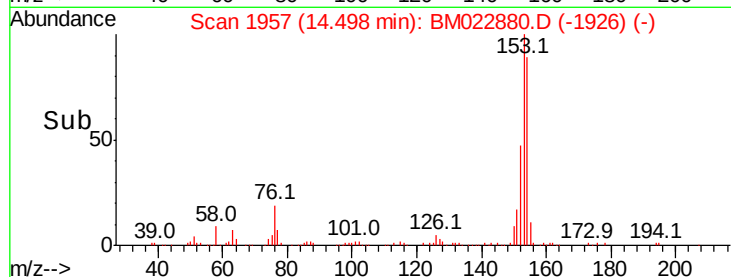
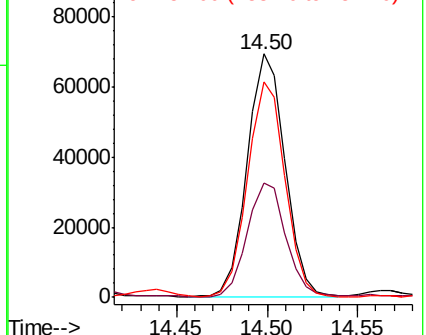
154 88.7 71.1 106.7



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



#70

Phenanthrene

Concen: 1.559 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM022880.D

Acq: 02 Oct 2019 07:23

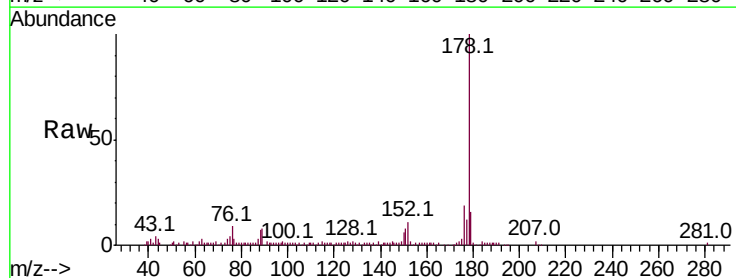
Tgt Ion:178 Resp: 132909

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

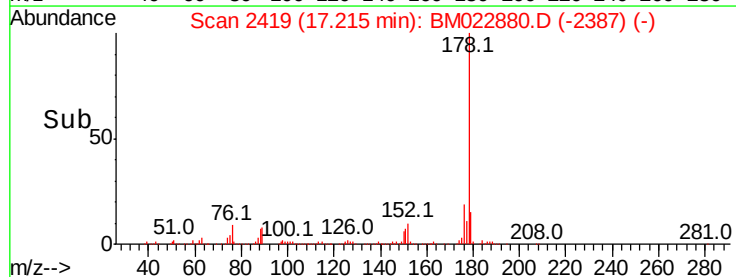
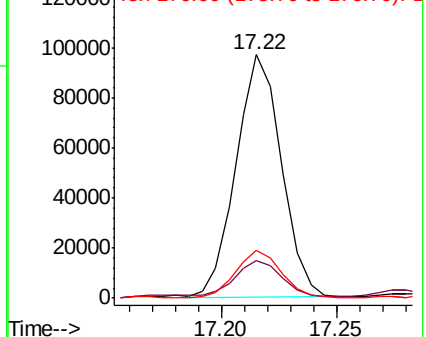
176 19.4 15.3 22.9

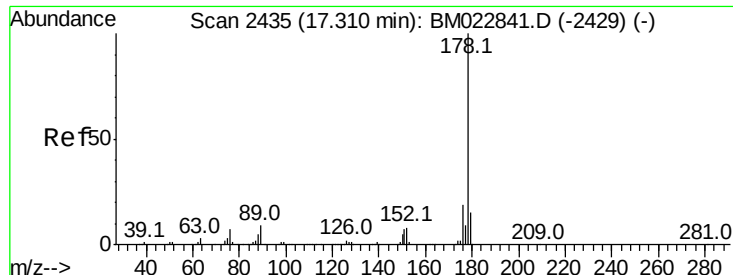


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.540 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. -0.11 min

Lab File: BM022880.D

Acq: 02 Oct 2019 07:23

Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 133784

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 19.4 15.0 22.6

