

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022916.D
 Acq On : 03 Oct 2019 12:36
 Operator : JU
 Sample : K4932-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 04 01:21:17 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	197851	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.59	136	863707	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.43	164	526766	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	965164	20.00	ng/ul	-0.02
78) Chrysene-d12	21.35	240	739014	20.00	ng/ul	-0.02
86) Perylene-d12	23.61	264	790401	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	28379	6.20	ng/uL	0.00
5) Phenol-d5	6.96	99	132826	7.60	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.13	67	273007	28.53	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.33	132	339525	24.12	ng/ul	-0.02
13) 4-Methylphenol-d8	8.50	113	234910	16.41	ng/ul	-0.02
19) Nitrobenzene-d5	8.95	128	198918	29.84	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.67	143	215995	29.68	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.21	165	397699	27.44	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	504942	28.68	ng/ul	-0.02
44) Dimethylphthalate-d6	13.84	166	1268004	31.02	ng/ul	-0.02
47) Acenaphthylene-d8	14.12	160	1410784	29.89	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.63	143	45114	5.58	ng/ul	-0.01
58) Fluorene-d10	15.42	176	1049301	30.11	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.53	200	143658	22.87	ng/ul	-0.02
71) Anthracene-d10	17.27	188	1598058	33.91	ng/ul	-0.02
79) Pyrene-d10	19.56	212	1609335	40.46	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	1447392	35.40	ng/ul	-0.03

Target Compounds

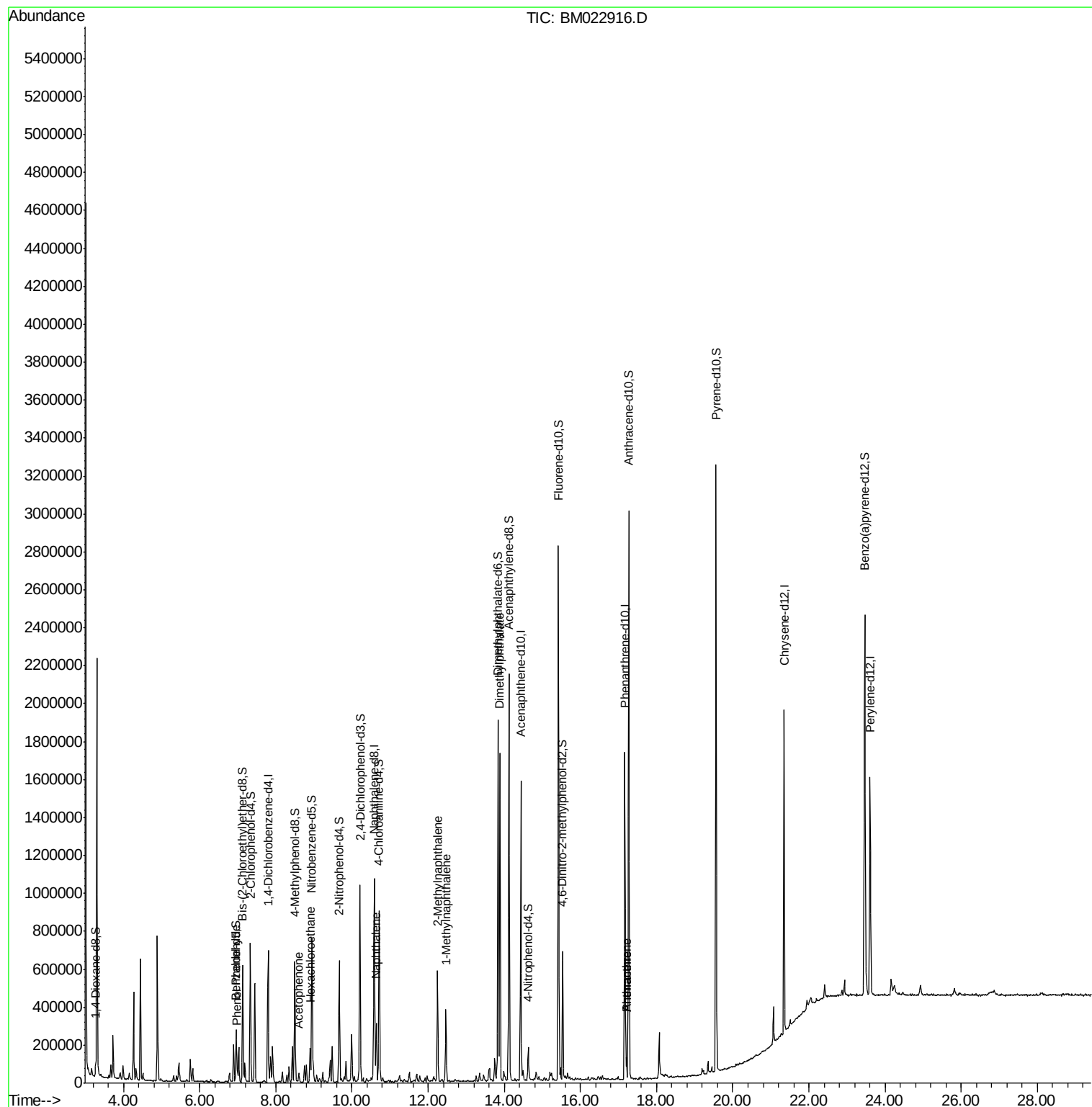
					Ovalue	
4) Benzaldehyde	6.95	77	8646	1.091	ng/ul#	1
6) Phenol	6.99	94	21936	1.197	ng/ul	98
14) Acetophenone	8.60	105	38864	1.776	ng/ul#	43
17) Hexachloroethane	8.90	117	20876	3.638	ng/ul#	6
28) Naphthalene	10.63	128	215188	4.613	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	277440	7.933	ng/ul	98
35) 1-Methylnaphthalene	12.47	142	175165	5.244	ng/ul	100
45) Dimethylphthalate	13.89	163	1089864	25.951	ng/ul	99
70) Phenanthrene	17.21	178	66249	1.150	ng/ul	99
72) Anthracene	17.21	178	66249	1.129	ng/ul	99

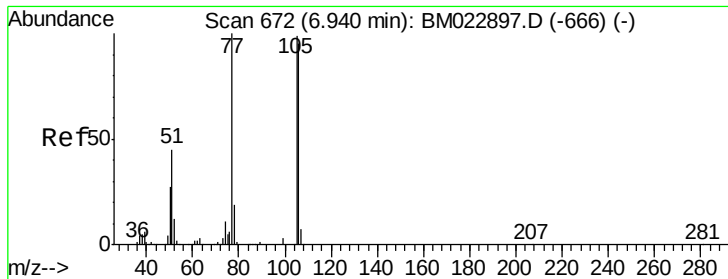
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.091 ng/ul

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM022916.D

Acq: 03 Oct 2019 12:36

Instrument :

BNA_M

ClientSampled :

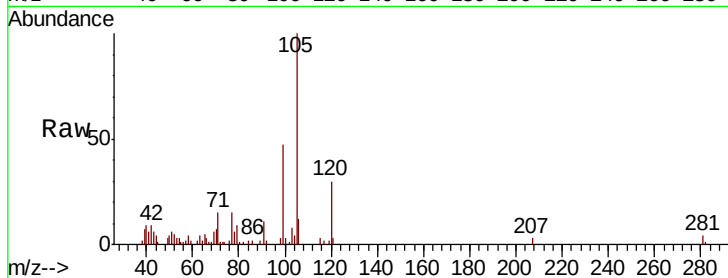
Tot Ion: 77 Resp: 8646

Ion Ratio Lower Upper

77 100

105 670.7 80.6 120.8#

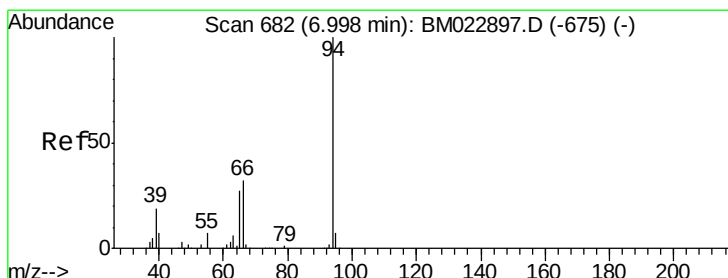
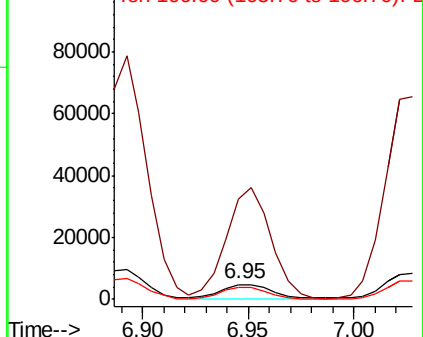
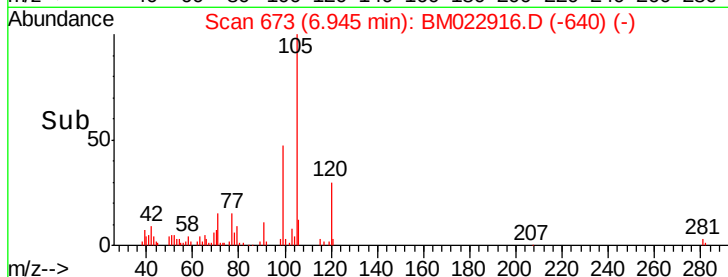
106 77.2 77.0 115.6



Abundance Ion 77.00 (76.70 to 77.70): BM022916.D (-640) (-)

Ion 105.00 (104.70 to 105.70): BM022916.D (-640) (-)

Ion 106.00 (105.70 to 106.70): BM022916.D (-640) (-)



#6

Phenol

Concen: 1.197 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM022916.D

Acq: 03 Oct 2019 12:36

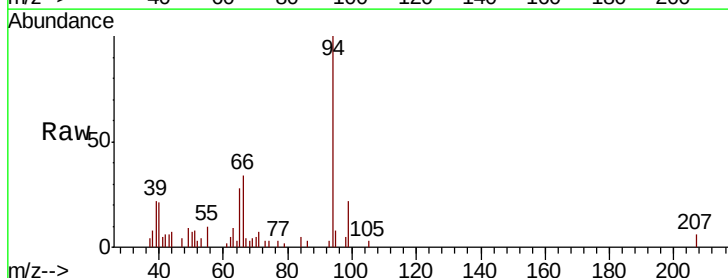
Tgt Ion: 94 Resp: 21936

Ion Ratio Lower Upper

94 100

65 27.6 20.9 31.3

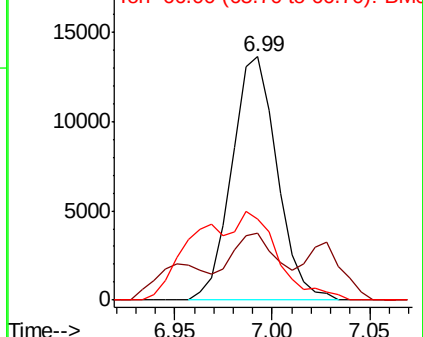
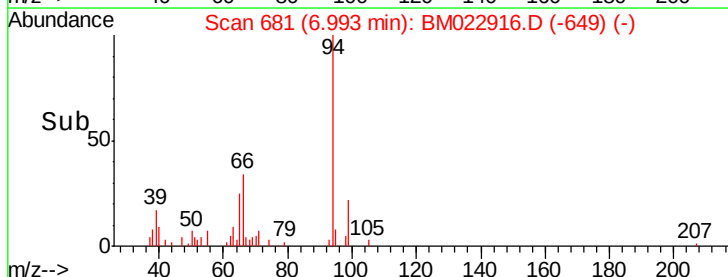
66 33.5 27.2 40.8

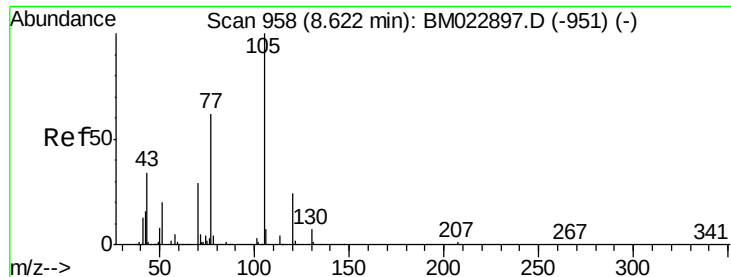


Abundance Ion 94.00 (93.70 to 94.70): BM022916.D (-649) (-)

Ion 65.00 (64.70 to 65.70): BM022916.D (-649) (-)

Ion 66.00 (65.70 to 66.70): BM022916.D (-649) (-)

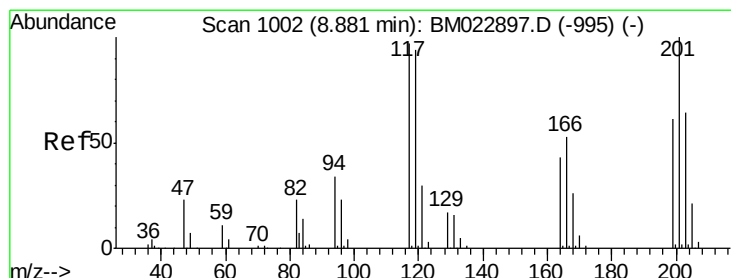
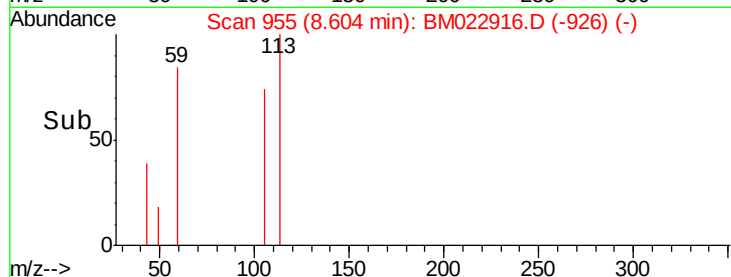
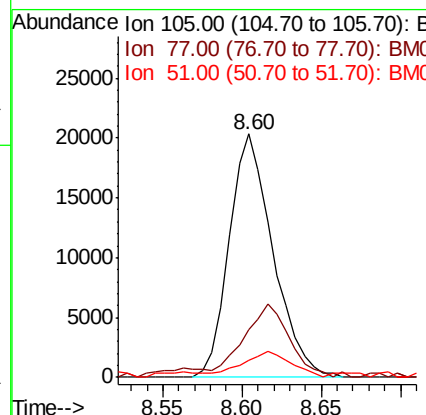
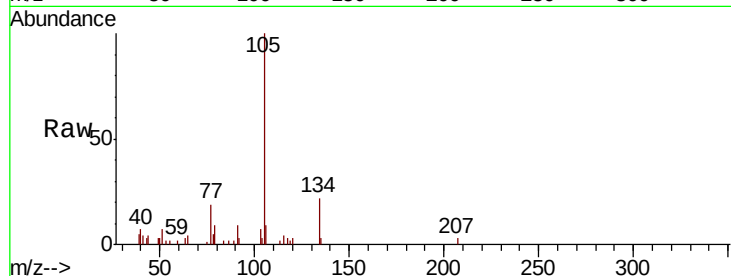




#14
Acetophenone
Concen: 1.776 ng/ul
RT: 8.60 min Scan# 955
Delta R.T. -0.03 min
Lab File: BM022916.D
Acq: 03 Oct 2019 12:36

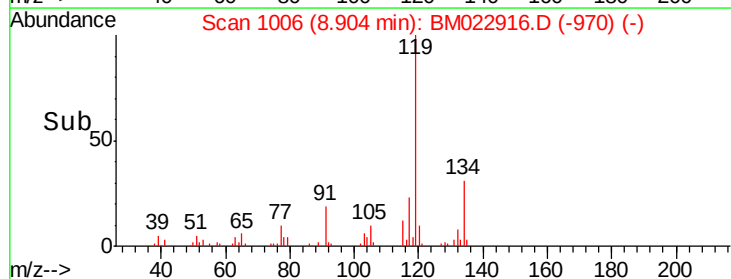
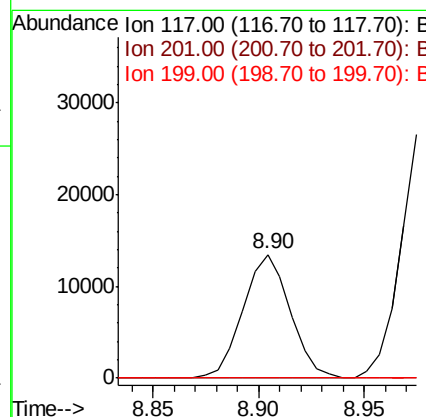
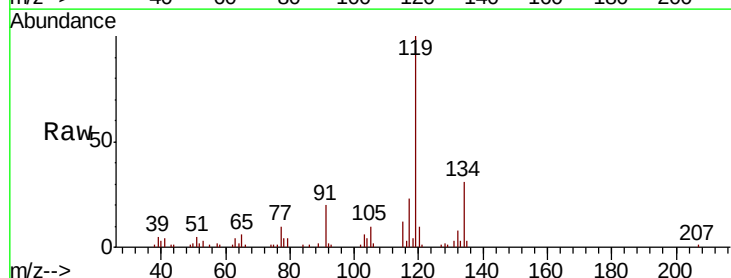
Instrument :
BNA_M
ClientSampled :

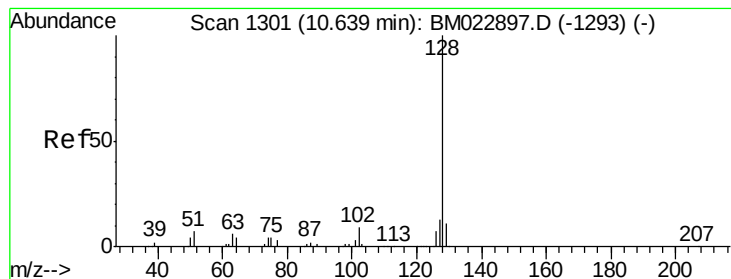
Tot Ion	Ratio	Lower	Upper
105	100		
77	19.4	59.4	89.0#
51	6.7	19.4	29.0#



#17
Hexachloroethane
Concen: 3.638 ng/ul
RT: 8.90 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BM022916.D
Acq: 03 Oct 2019 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	0.0	82.5	123.7#
199	0.0	51.6	77.4#





#28

Naphthalene

Concen: 4.613 ng/ul

RT: 10.63 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BM022916.D

Acq: 03 Oct 2019 12:36

Instrument :

BNA_M

ClientSampleId :

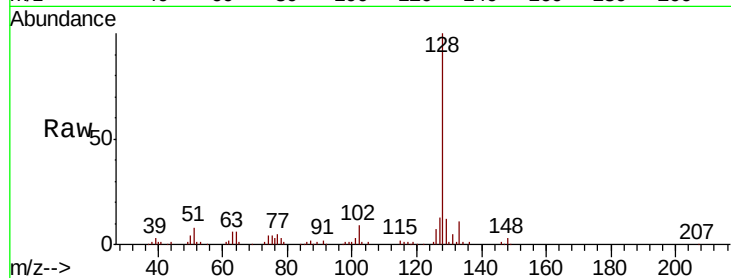
Tot Ion:128 Resp: 215188

Ion Ratio Lower Upper

128 100

129 11.8 8.6 13.0

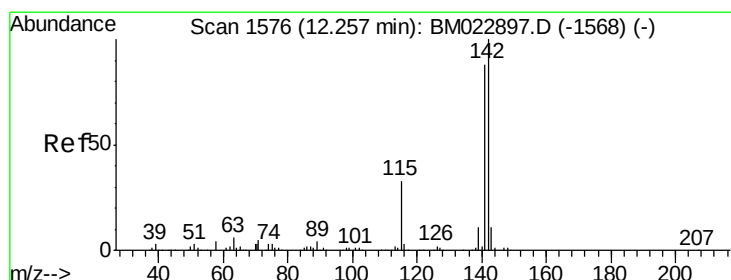
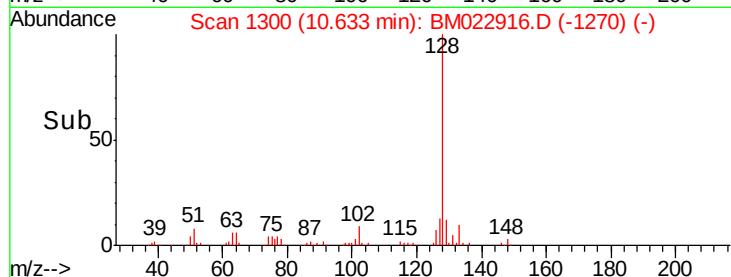
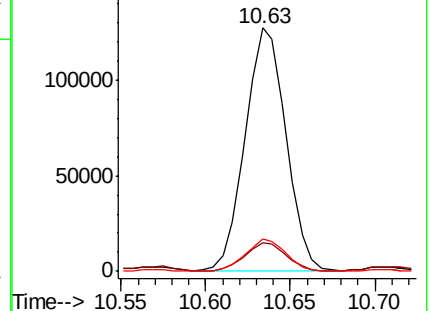
127 13.2 10.2 15.4



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: 7.933 ng/ul

RT: 12.25 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BM022916.D

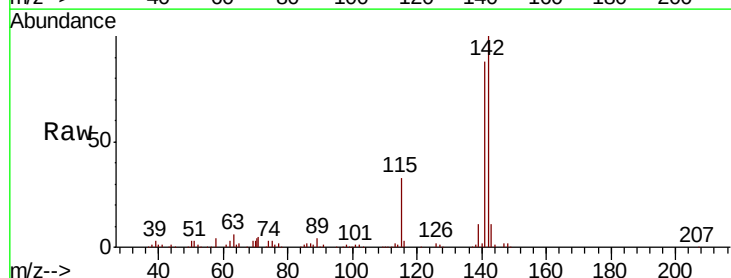
Acq: 03 Oct 2019 12:36

Tgt Ion:142 Resp: 277440

Ion Ratio Lower Upper

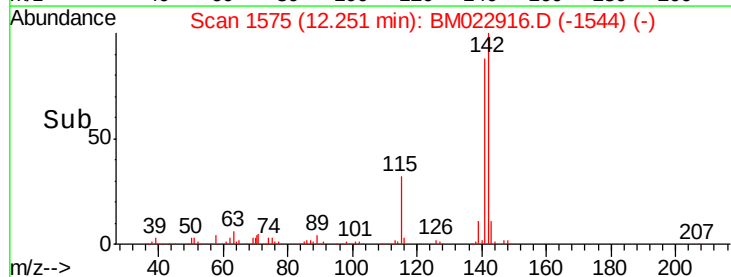
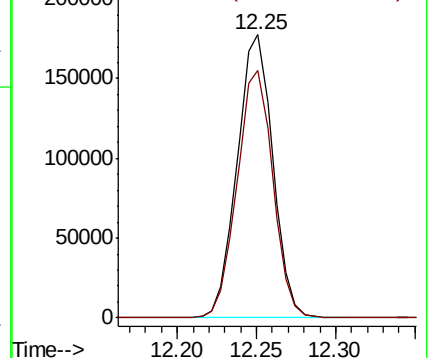
142 100

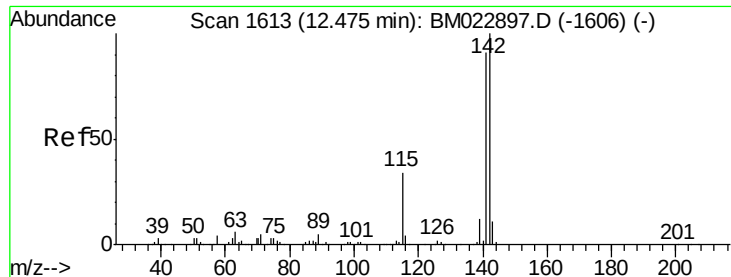
141 87.6 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

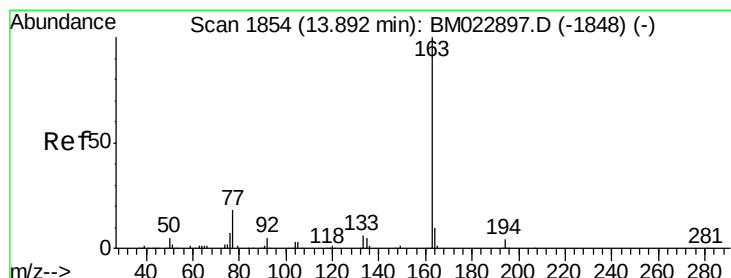
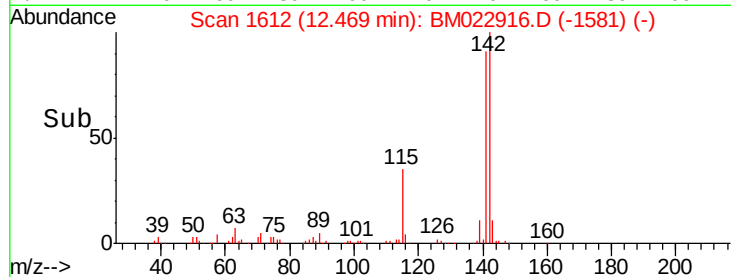
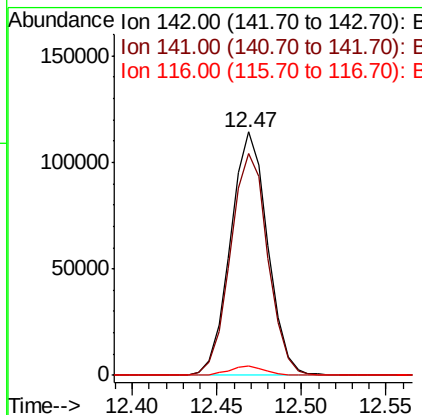
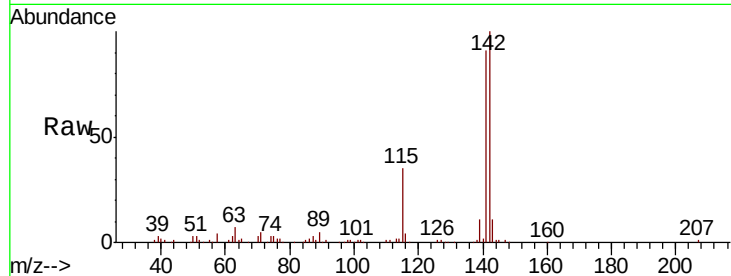




#35
 1-Methylnaphthalene
 Concen: 5.244 ng/ul
 RT: 12.47 min Scan# 1612
 Delta R.T. -0.02 min
 Lab File: BM022916.D
 Acq: 03 Oct 2019 12:36

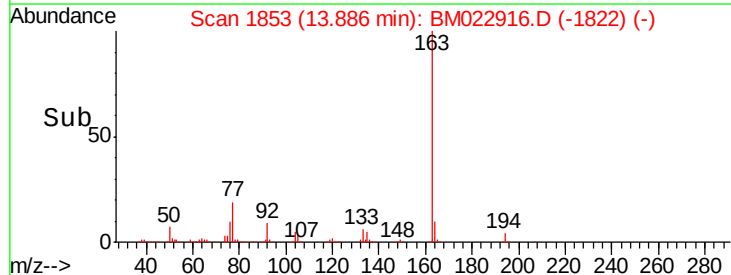
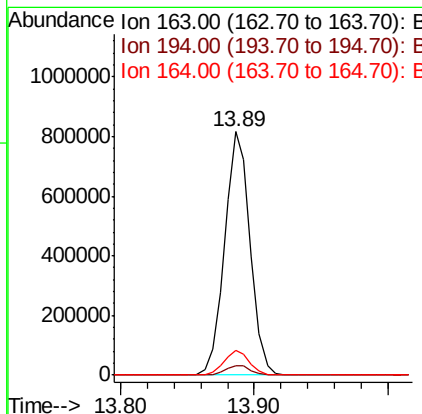
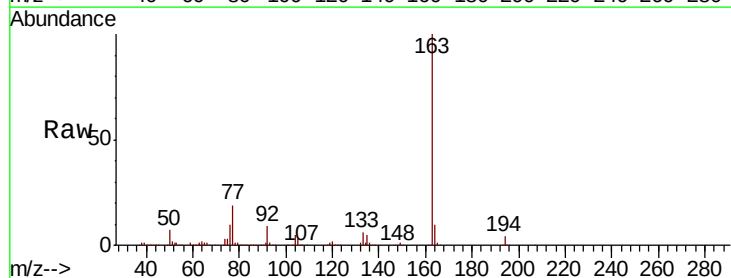
Instrument :
 BNA_M
 ClientSampleId :

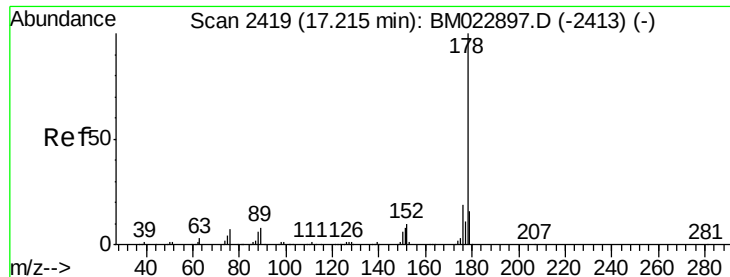
Tot Ion:142 Resp: 175165
 Ion Ratio Lower Upper
 142 100
 141 91.4 73.0 109.6
 116 3.9 2.9 4.3



#45
 Dimethylphthalate
 Concen: 25.951 ng/ul
 RT: 13.89 min Scan# 1853
 Delta R.T. -0.02 min
 Lab File: BM022916.D
 Acq: 03 Oct 2019 12:36

Tgt Ion:163 Resp: 1089864
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.4 5.0
 164 10.4 8.1 12.1





#70

Phenanthrene

Concen: 1.150 ng/ul

RT: 17.21 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BM022916.D

Acq: 03 Oct 2019 12:36

Instrument :

BNA_M

ClientSampleId :

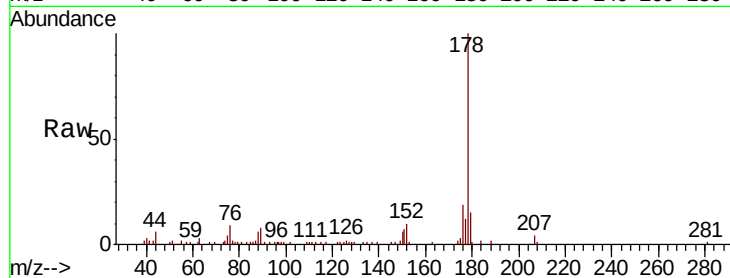
Tot Ion:178 Resp: 66249

Ion Ratio Lower Upper

178 100

179 14.8 12.4 18.6

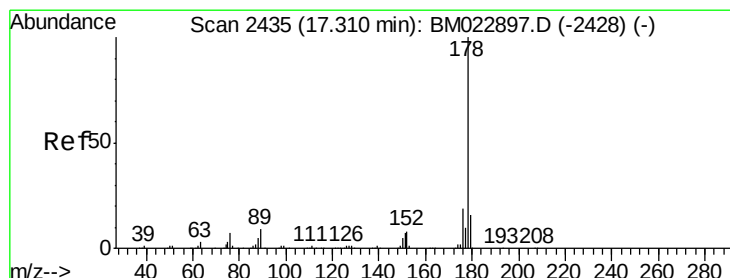
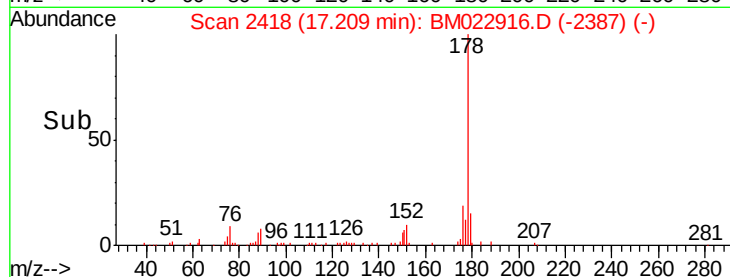
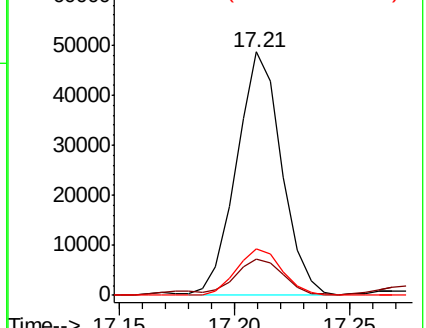
176 18.9 15.3 22.9



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



#72

Anthracene

Concen: 1.129 ng/ul

RT: 17.21 min Scan# 2418

Delta R.T. -0.11 min

Lab File: BM022916.D

Acq: 03 Oct 2019 12:36

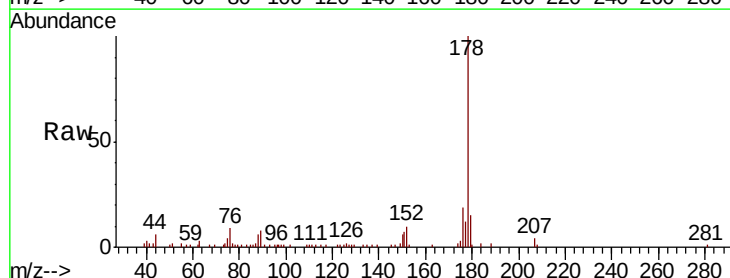
Tgt Ion:178 Resp: 66249

Ion Ratio Lower Upper

178 100

179 14.8 12.4 18.6

176 18.9 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

