

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022927.D
 Acq On : 03 Oct 2019 19:12
 Operator : JU
 Sample : K4983-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 04 01:23:00 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	7.79	152	235945	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.59	136	1047192	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.43	164	665653	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1317630	20.00	ng/ul	-0.02
78) Chrysene-d12	21.35	240	1010126	20.00	ng/ul	-0.02
86) Perylene-d12	23.61	264	1018787	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	28946	5.31	ng/uL	0.00
5) Phenol-d5	6.96	99	101365	4.86	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.13	67	207065	18.15	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.33	132	265203	15.80	ng/ul	-0.02
13) 4-Methylphenol-d8	8.50	113	183199	10.73	ng/ul	-0.02
19) Nitrobenzene-d5	8.95	128	155834	19.28	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.67	143	170243	19.29	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.21	165	320026	18.21	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	348030	16.30	ng/ul	-0.01
44) Dimethylphthalate-d6	13.84	166	1055755	20.44	ng/ul	-0.02
47) Acenaphthylene-d8	14.12	160	1176960	19.73	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.63	143	45074	4.42	ng/ul	0.00
58) Fluorene-d10	15.42	176	886907	20.14	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.53	200	137611	16.05	ng/ul	-0.02
71) Anthracene-d10	17.27	188	1416428	22.01	ng/ul	-0.02
79) Pyrene-d10	19.56	212	1480490	27.23	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	1202721	22.82	ng/ul	-0.03

Target Compounds

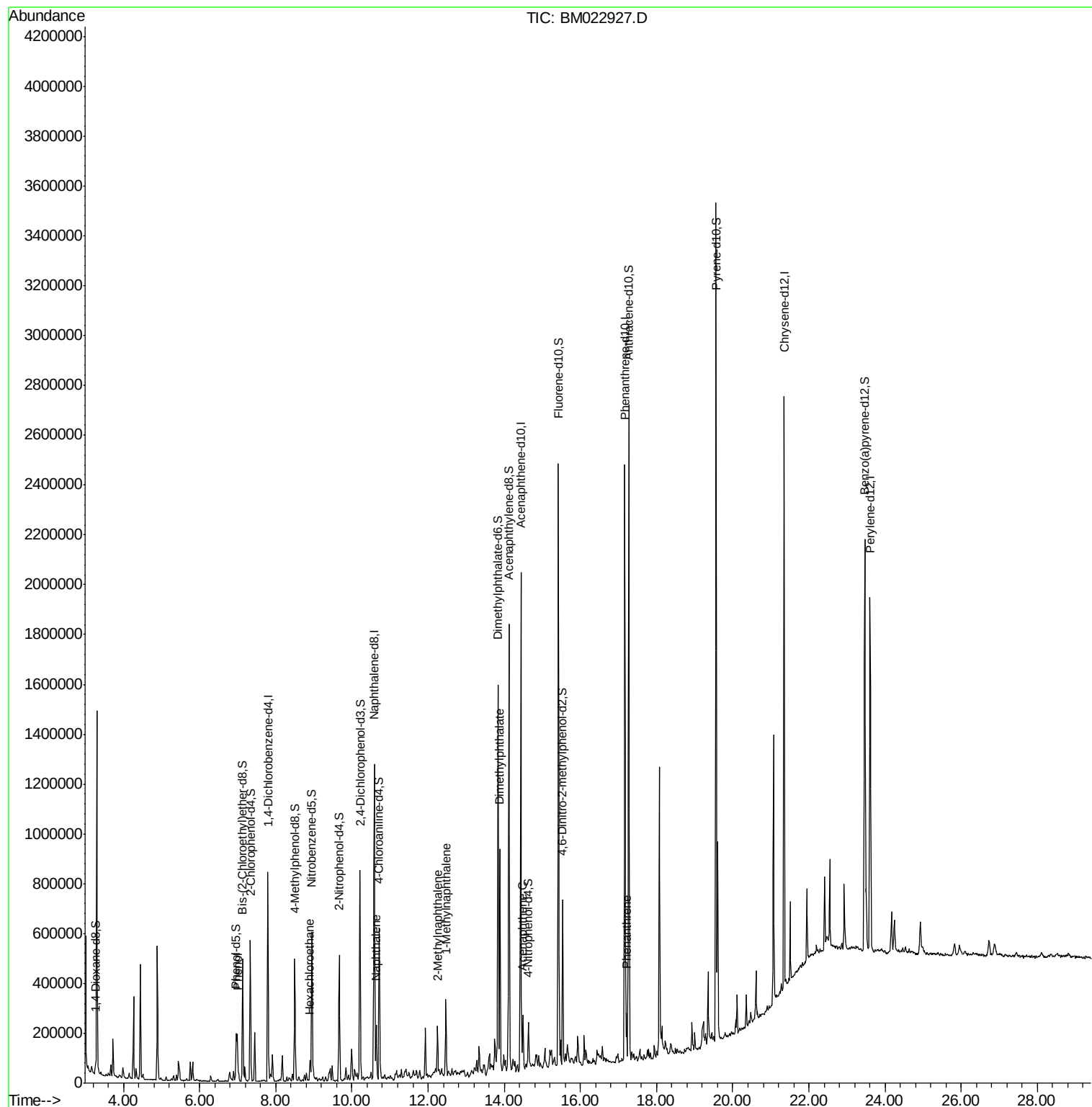
				Ovalue	
6) Phenol	6.99	94	103522	4.737	ng/ul 99
17) Hexachloroethane	8.90	117	8399	1.227	ng/ul# 6
28) Naphthalene	10.63	128	161598	2.857	ng/ul 99
34) 2-Methylnaphthalene	12.25	142	100133	2.361	ng/ul 99
35) 1-Methylnaphthalene	12.47	142	135348	3.342	ng/ul 100
45) Dimethylphthalate	13.89	163	559646	10.545	ng/ul 100
50) Acenaphthene	14.49	153	82742	1.845	ng/ul 99
70) Phenanthrene	17.21	178	106087	1.349	ng/ul 99

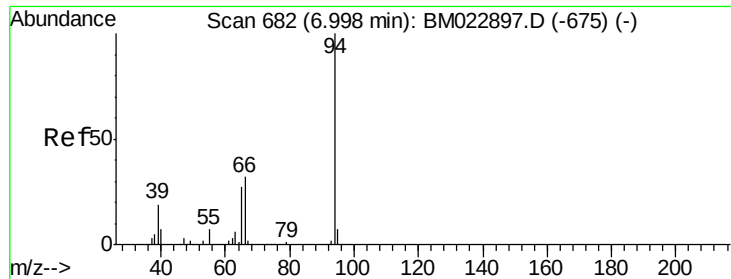
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.737 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM022927.D

Acq: 03 Oct 2019 19:12

Instrument :

BNA_M

ClientSampleId :

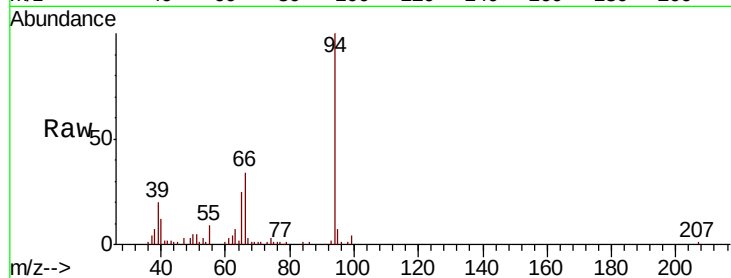
Tot Ion: 94 Resp: 103522

Ion Ratio Lower Upper

94 100

65 24.6 20.9 31.3

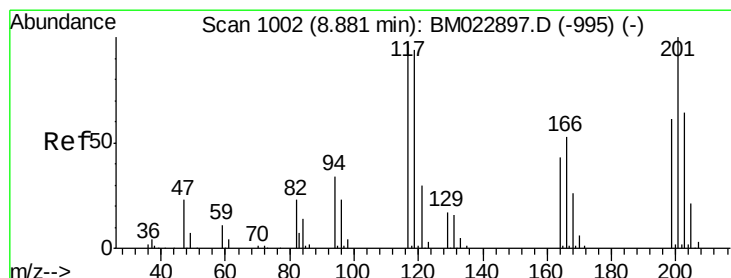
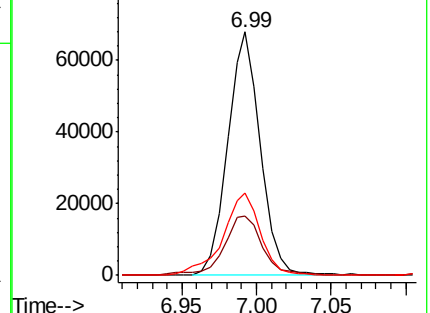
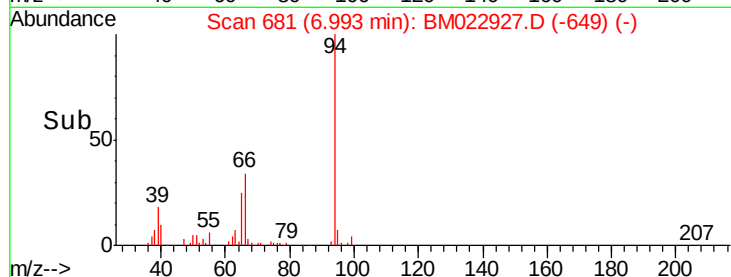
66 34.0 27.2 40.8



Abundance Ion 94.00 (93.70 to 94.70): BM022897.D (-675) (-)

Ion 65.00 (64.70 to 65.70): BM022897.D (-675) (-)

Ion 66.00 (65.70 to 66.70): BM022897.D (-675) (-)



#17

Hexachloroethane

Concen: 1.227 ng/ul

RT: 8.90 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BM022927.D

Acq: 03 Oct 2019 19:12

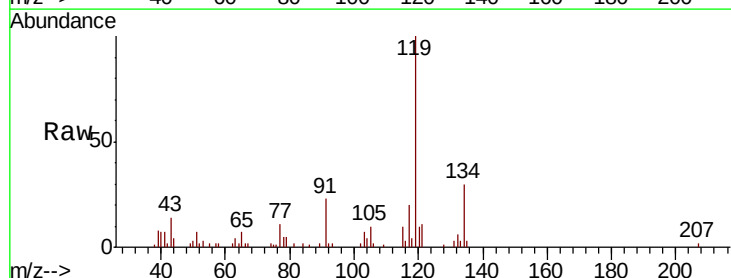
Tgt Ion: 117 Resp: 8399

Ion Ratio Lower Upper

117 100

201 0.0 82.5 123.7#

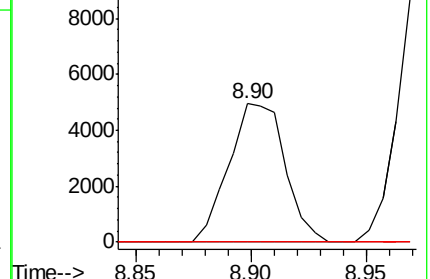
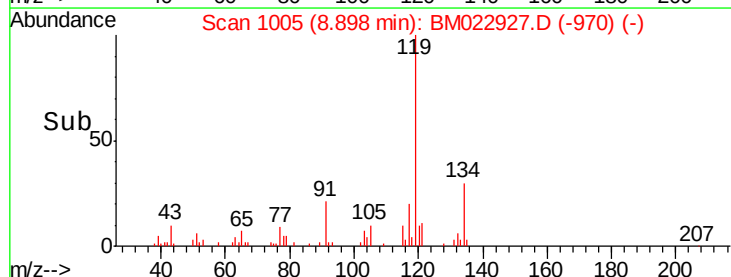
199 0.0 51.6 77.4#

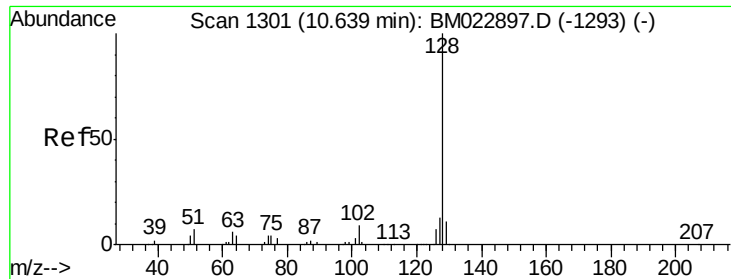


Abundance Ion 117.00 (116.70 to 117.70): BM022897.D (-995) (-)

Ion 201.00 (200.70 to 201.70): BM022897.D (-995) (-)

Ion 199.00 (198.70 to 199.70): BM022897.D (-995) (-)

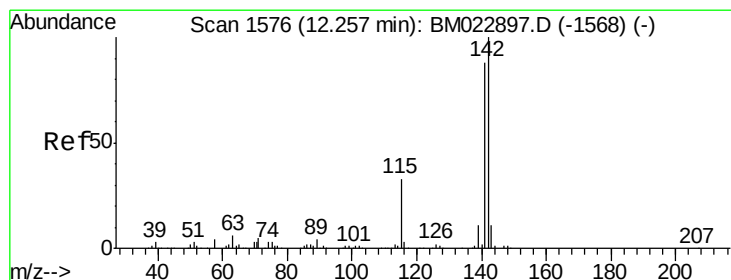
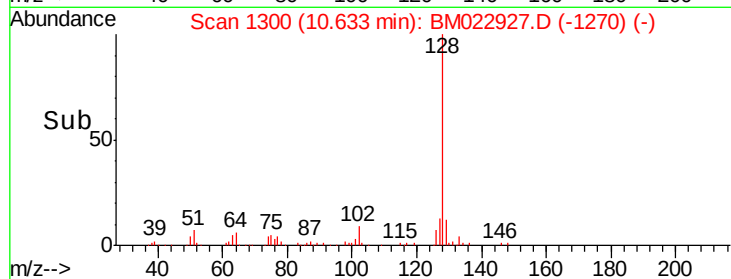
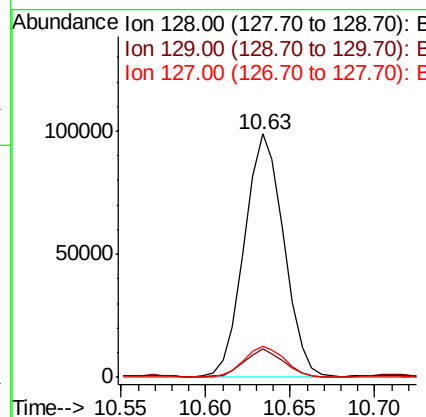
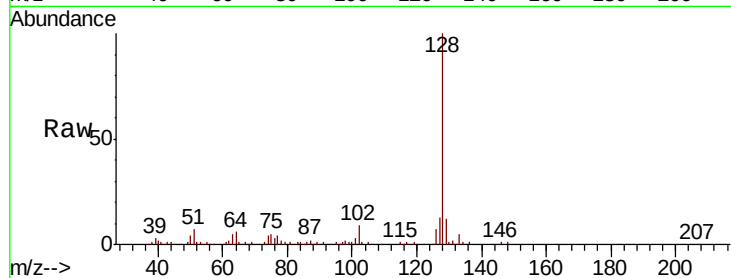




#28
Naphthalene
Concen: 2.857 ng/ul
RT: 10.63 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM022927.D
Acq: 03 Oct 2019 19:12

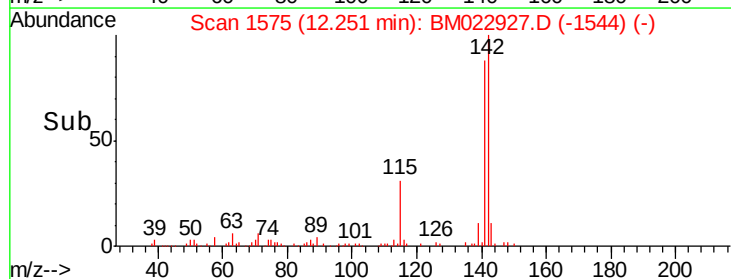
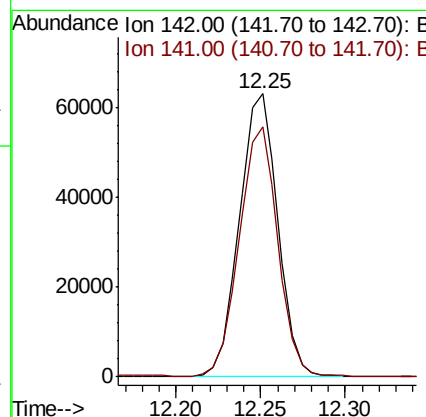
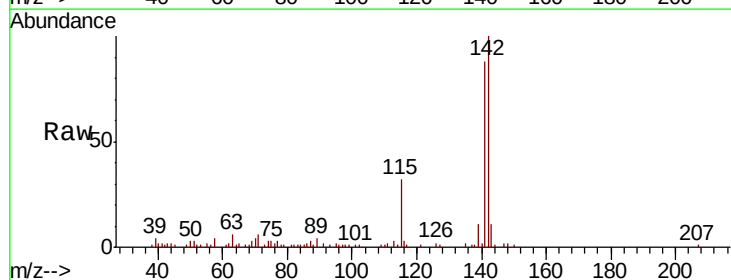
Instrument :
BNA_M
ClientSampleId :

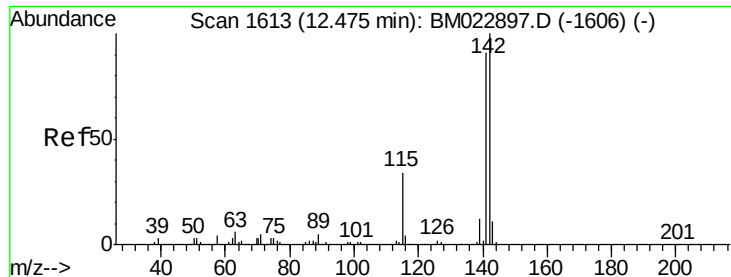
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	13.0
127	13.0	10.2	15.4



#34
2-Methylnaphthalene
Concen: 2.361 ng/ul
RT: 12.25 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BM022927.D
Acq: 03 Oct 2019 19:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.2	106.8

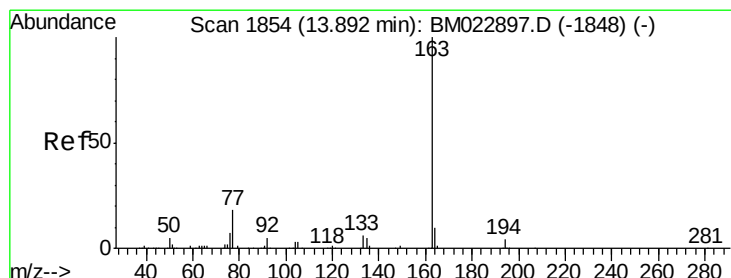
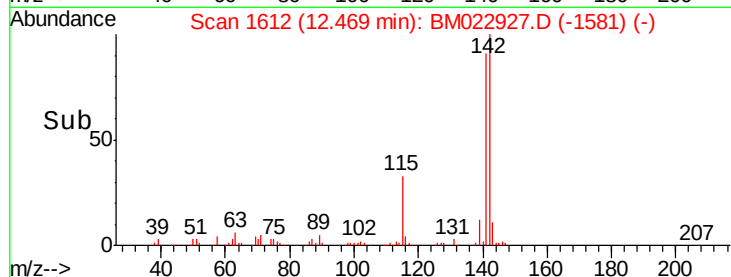
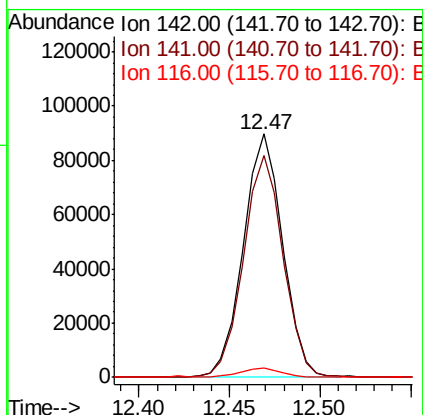
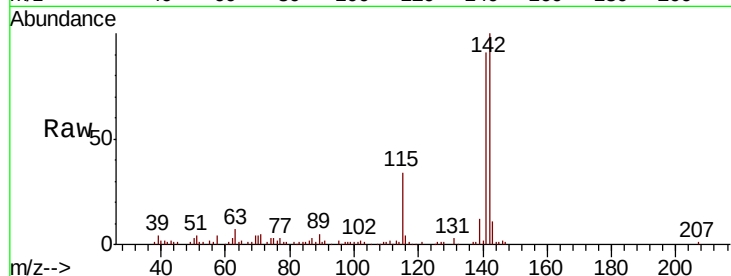




#35
1-Methylnaphthalene
Concen: 3.342 ng/ul
RT: 12.47 min Scan# 1612
Delta R.T. -0.02 min
Lab File: BM022927.D
Acq: 03 Oct 2019 19:12

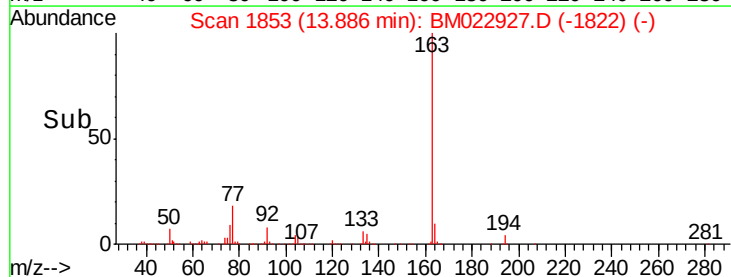
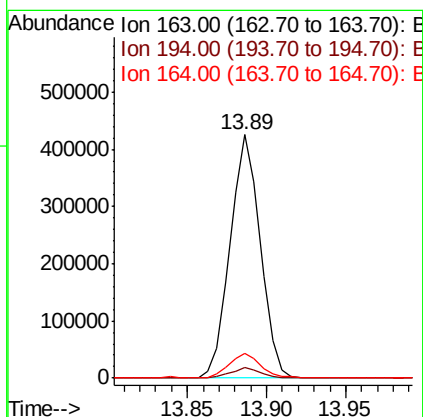
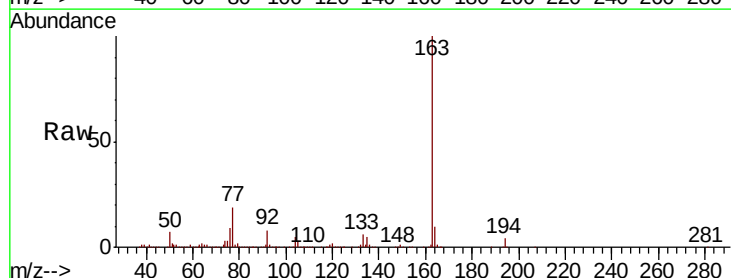
Instrument :
BNA_M
ClientSampleId :

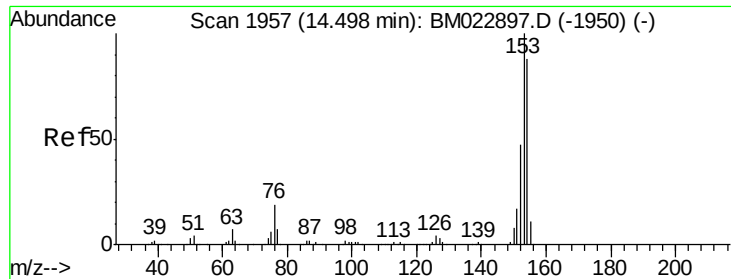
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.0	109.6
116	3.9	2.9	4.3



#45
Dimethylphthalate
Concen: 10.545 ng/ul
RT: 13.89 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BM022927.D
Acq: 03 Oct 2019 19:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	8.1	12.1





#50

Acenaphthene

Concen: 1.845 ng/ul

RT: 14.49 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BM022927.D

Acq: 03 Oct 2019 19:12

Instrument :

BNA_M

ClientSampleId :

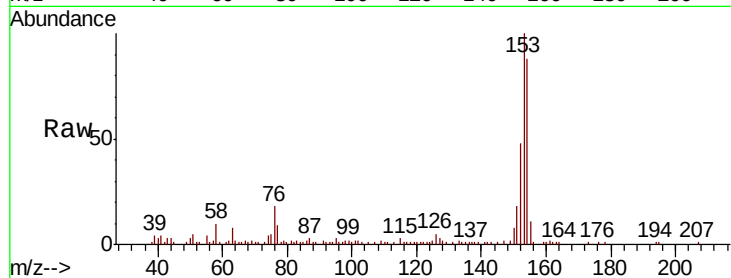
Tot Ion:153 Resp: 82742

Ion Ratio Lower Upper

153 100

152 48.2 38.1 57.1

154 87.8 71.1 106.7

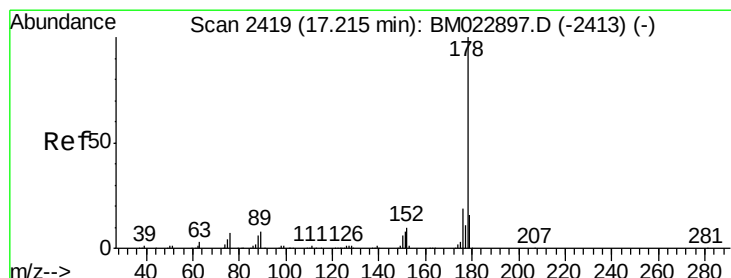
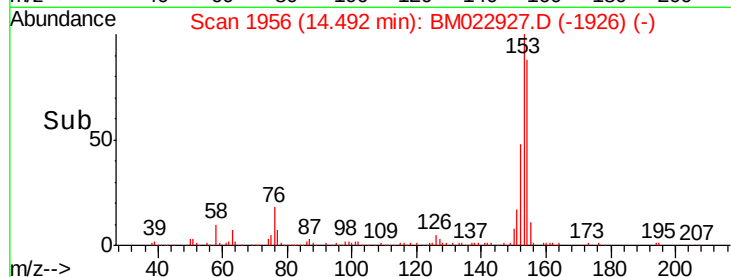
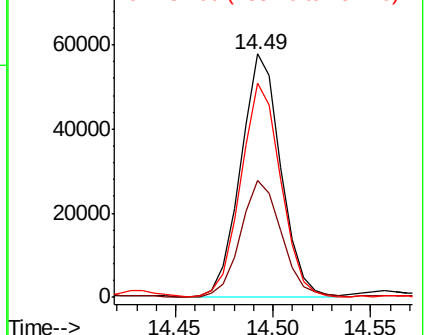


Abundance

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: 1.349 ng/ul

RT: 17.21 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BM022927.D

Acq: 03 Oct 2019 19:12

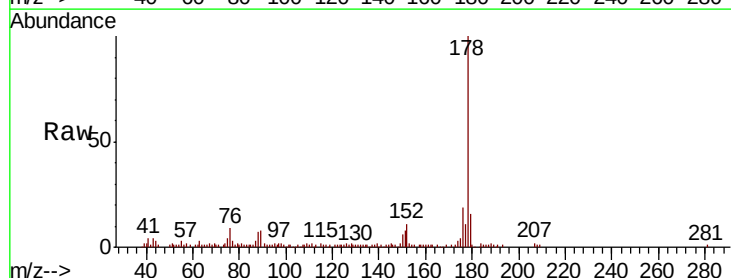
Tgt Ion:178 Resp: 106087

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 19.5 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

