

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022926.D
 Acq On : 03 Oct 2019 18:36
 Operator : JU
 Sample : K4983-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDJ6

Quant Time: Oct 04 01:22:52 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	237096	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.59	136	1037280	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.43	164	653295	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1275951	20.00	ng/ul	-0.02
78) Chrysene-d12	21.35	240	976026	20.00	ng/ul	-0.02
86) Perylene-d12	23.62	264	1006752	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.26	96	31177	5.69	ng/uL	0.00
5) Phenol-d5	6.96	99	175138	8.36	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.13	67	317115	27.66	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.33	132	416521	24.69	ng/ul	-0.02
13) 4-Methylphenol-d8	8.50	113	307530	17.93	ng/ul	-0.02
19) Nitrobenzene-d5	8.95	128	245786	30.70	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.67	143	275730	31.54	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.21	165	506588	29.11	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	550668	26.04	ng/ul	-0.02
44) Dimethylphthalate-d6	13.84	166	1605452	31.66	ng/ul	-0.02
47) Acenaphthylene-d8	14.12	160	1845178	31.52	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.63	143	74150	7.40	ng/ul	0.00
58) Fluorene-d10	15.42	176	1331812	30.82	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.54	200	219821	26.47	ng/ul	-0.02
71) Anthracene-d10	17.27	188	2022651	32.46	ng/ul	-0.02
79) Pyrene-d10	19.56	212	2042184	38.88	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	1712567	32.88	ng/ul	-0.03

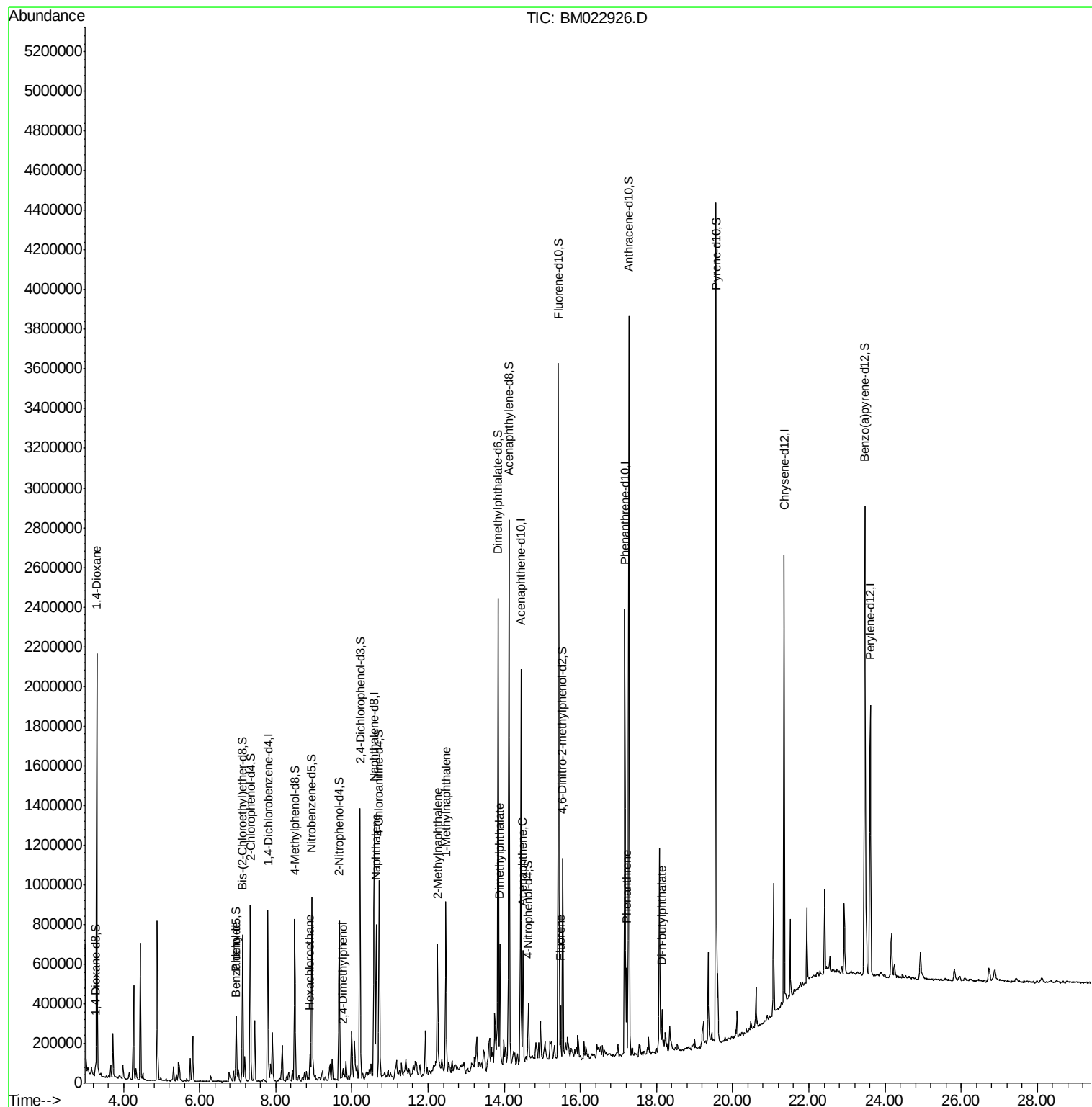
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	3.30	88	5992	1.105	ng/uL#	1
4) Benzaldehyde	6.95	77	9772	1.029	ng/ul#	1
17) Hexachloroethane	8.90	117	13578	1.974	ng/ul#	6
24) 2,4-Dimethylphenol	9.76	107	20603	1.058	ng/ul	98
28) Naphthalene	10.63	128	609584	10.882	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	322954	7.689	ng/ul	98
35) 1-Methylnaphthalene	12.47	142	384500	9.585	ng/ul	99
45) Dimethylphthalate	13.89	163	388288	7.455	ng/ul	99
50) Acenaphthene	14.49	153	225177	5.115	ng/ul	100
59) Fluorene	15.48	166	98388	1.936	ng/ul	99
70) Phenanthrene	17.21	178	261991	3.440	ng/ul	99
76) Di-n-butylphthalate	18.14	149	131311	1.615	ng/ul	99

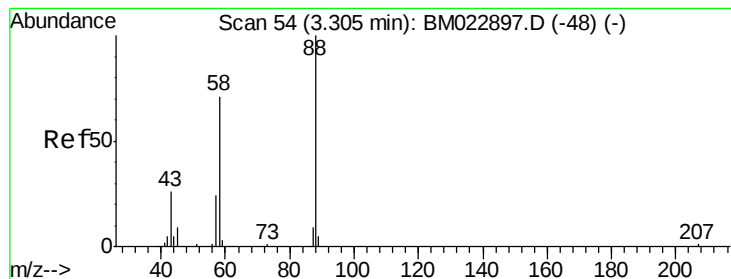
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.105 ng/uL

RT: 3.30 min Scan# 53

Delta R.T. -0.00 min

Lab File: BM022926.D

Acq: 03 Oct 2019 18:36

Instrument :

BNA_M

ClientSampleId :

BFDJ6

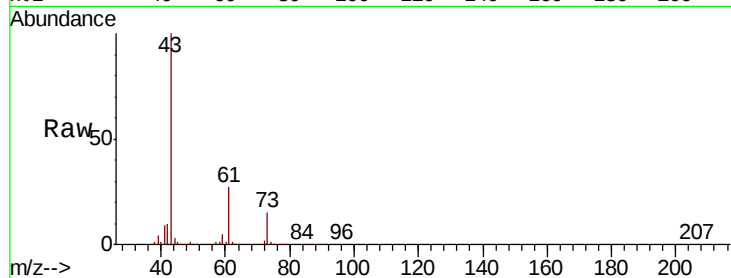
Tot Ion: 88 Resp: 5992

Ion Ratio Lower Upper

88 100

43 22436.2 25.3 37.9#

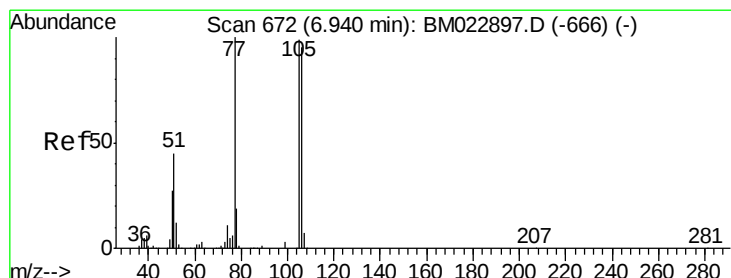
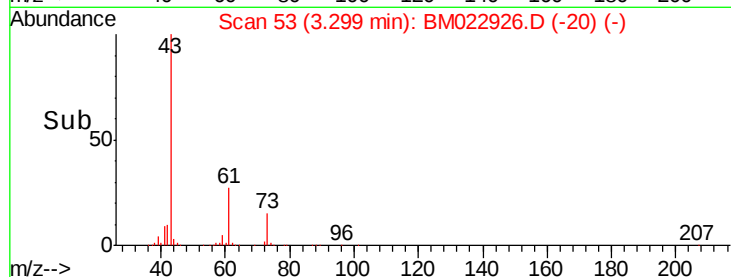
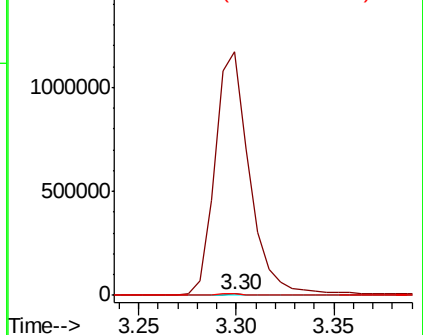
58 133.9 56.6 84.8#



Abundance Ion 88.00 (87.70 to 88.70): BM022897.D (-48) (-)

Ion 43.00 (42.70 to 43.70): BM022897.D (-48) (-)

Ion 58.00 (57.70 to 58.70): BM022897.D (-48) (-)



#4

Benzaldehyde

Concen: 1.029 ng/uL

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM022926.D

Acq: 03 Oct 2019 18:36

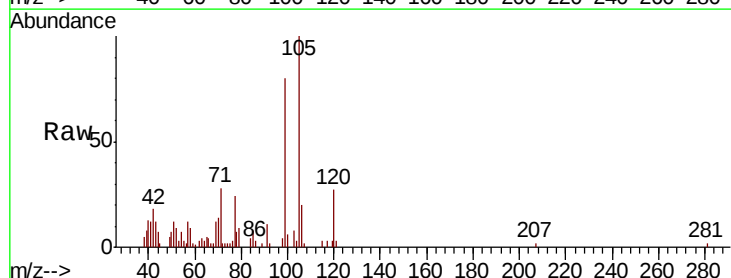
Tgt Ion: 77 Resp: 9772

Ion Ratio Lower Upper

77 100

105 424.0 80.6 120.8#

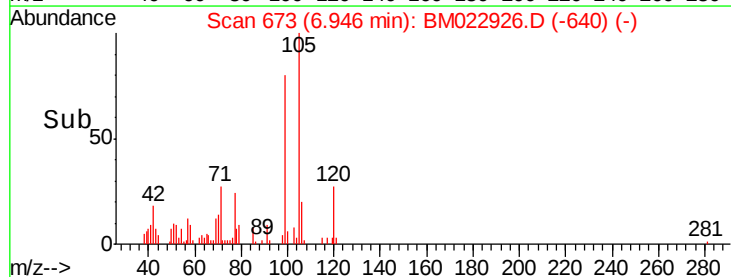
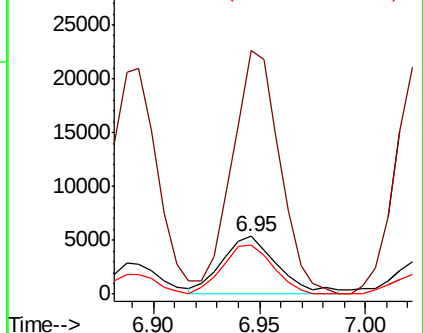
106 84.5 77.0 115.6

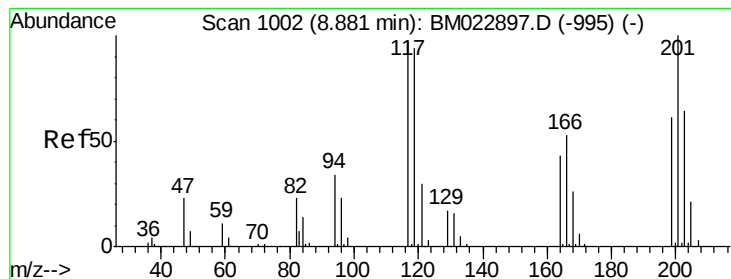


Abundance Ion 77.00 (76.70 to 77.70): BM022897.D (-666) (-)

Ion 105.00 (104.70 to 105.70): BM022897.D (-666) (-)

Ion 106.00 (105.70 to 106.70): BM022897.D (-666) (-)





#17

Hexachloroethane

Concen: 1.974 ng/ul

RT: 8.90 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BM022926.D

Acq: 03 Oct 2019 18:36

Instrument :

BNA_M

ClientSampleId :

BFDJ6

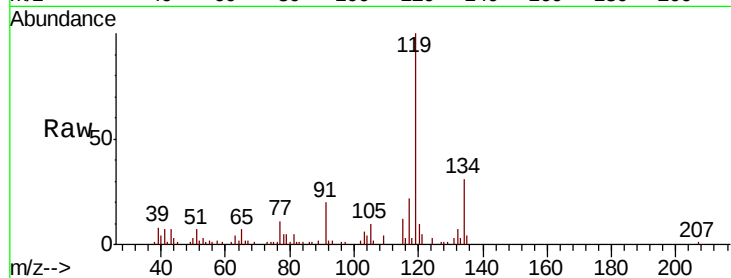
Tot Ion:117 Resp: 13578

Ion Ratio Lower Upper

117 100

201 0.0 82.5 123.7#

199 0.0 51.6 77.4#

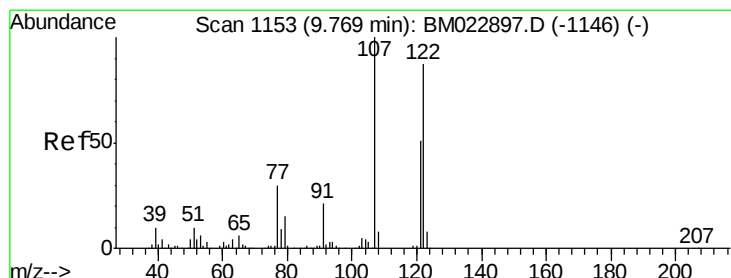
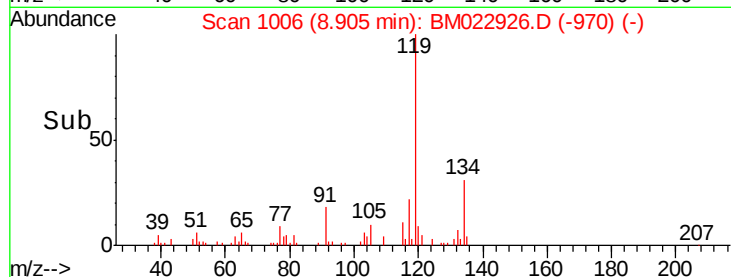
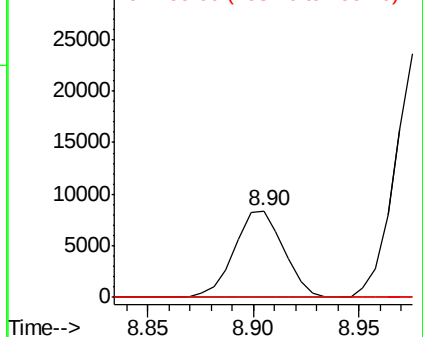


Abundance

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



#24

2,4-Dimethylphenol

Concen: 1.058 ng/ul

RT: 9.76 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BM022926.D

Acq: 03 Oct 2019 18:36

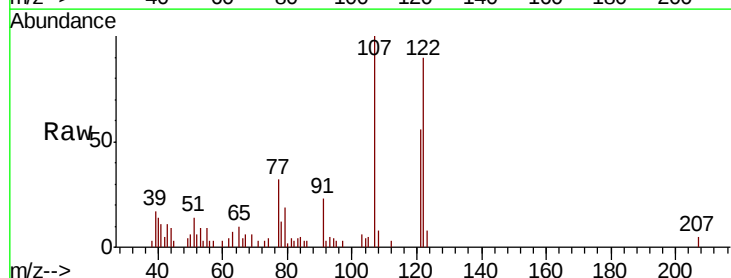
Tgt Ion:107 Resp: 20603

Ion Ratio Lower Upper

107 100

121 55.5 43.0 64.4

122 90.3 71.4 107.0

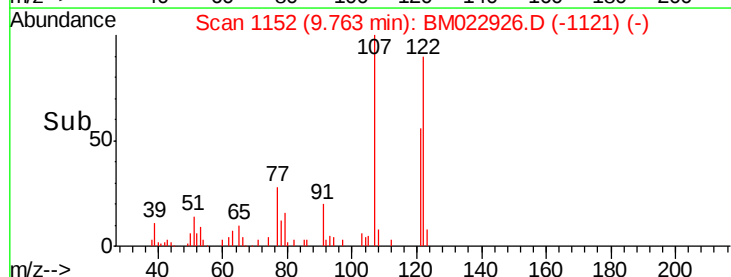
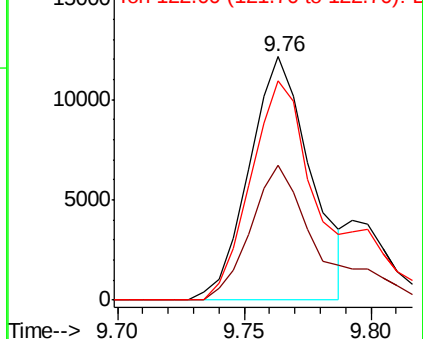


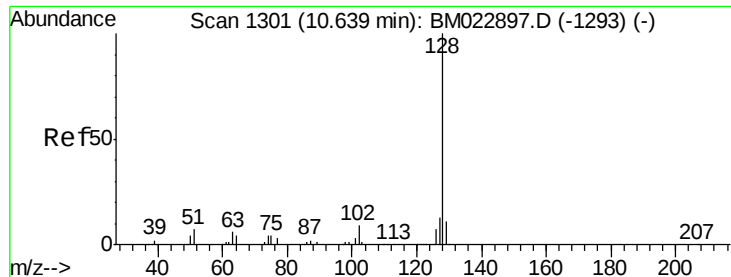
Abundance

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

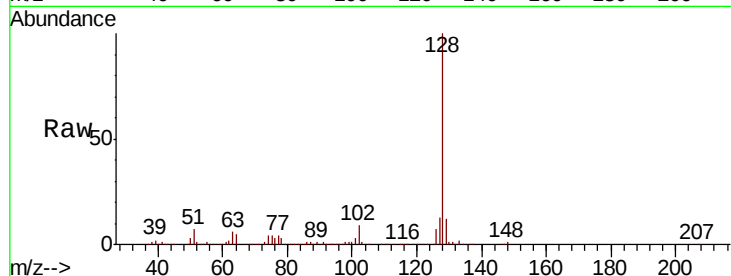




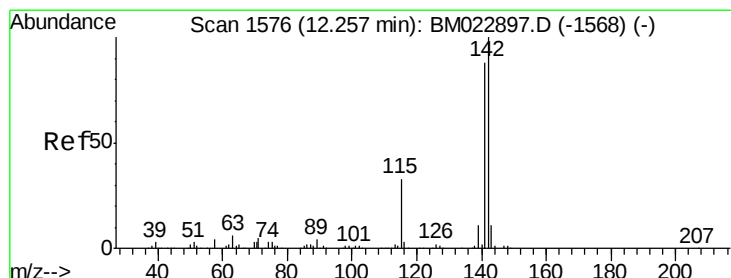
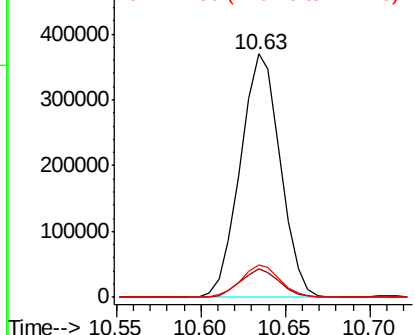
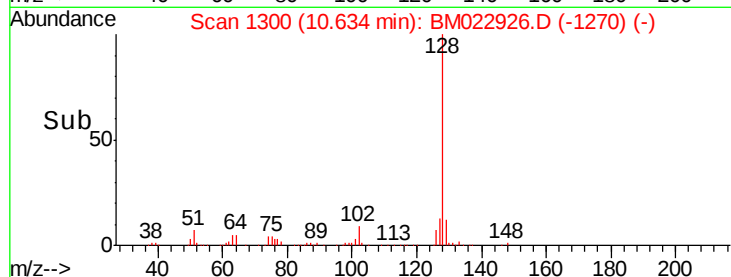
#28
Naphthalene
Concen: 10.882 ng/ul
RT: 10.63 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM022926.D
Acq: 03 Oct 2019 18:36

Instrument :
BNA_M
ClientSampleId :
BFDJ6

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	13.0
127	13.3	10.2	15.4

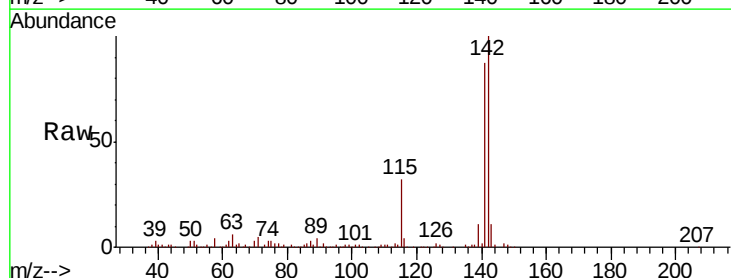


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

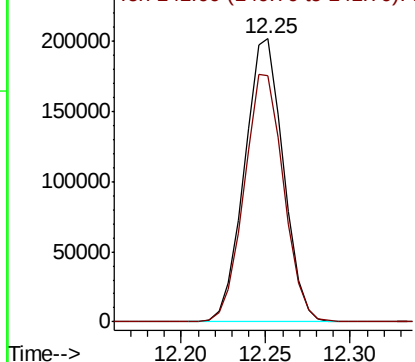
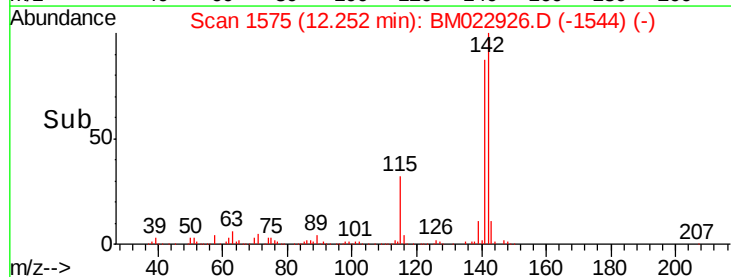


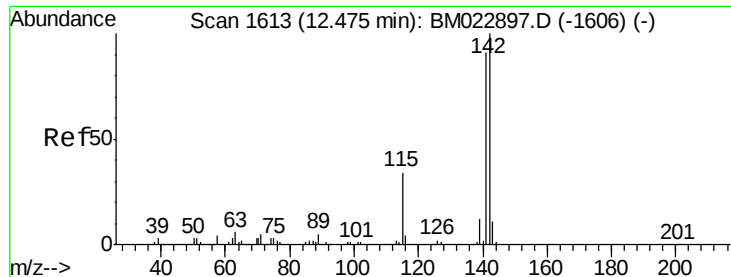
#34
2-Methylnaphthalene
Concen: 7.689 ng/ul
RT: 12.25 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BM022926.D
Acq: 03 Oct 2019 18:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.2	106.8



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

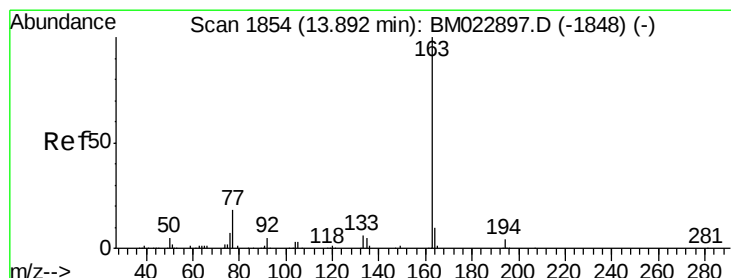
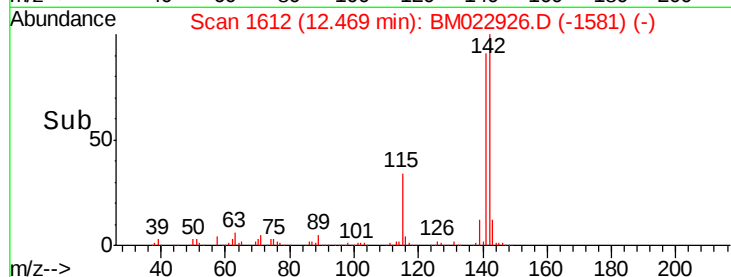
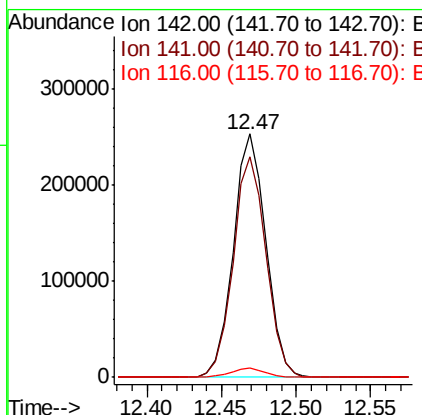
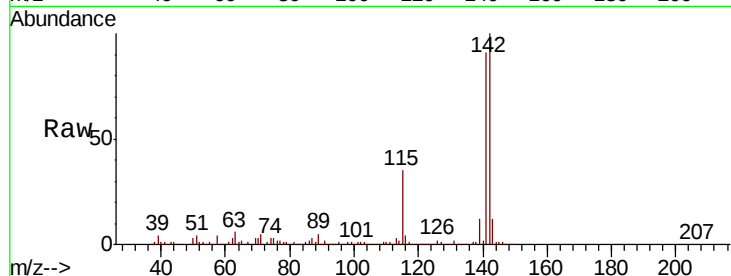




#35
 1-Methylnaphthalene
 Concen: 9.585 ng/ul
 RT: 12.47 min Scan# 1612
 Delta R.T. -0.02 min
 Lab File: BM022926.D
 Acq: 03 Oct 2019 18:36

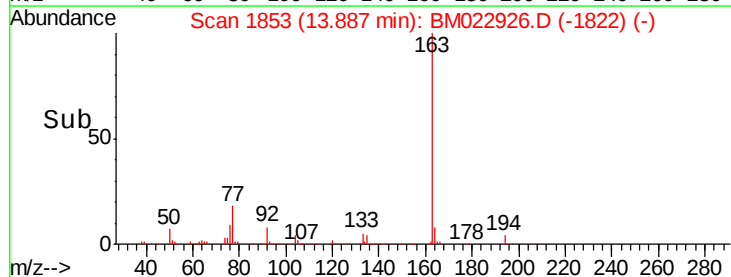
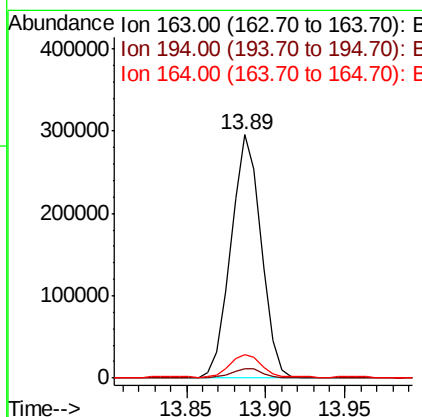
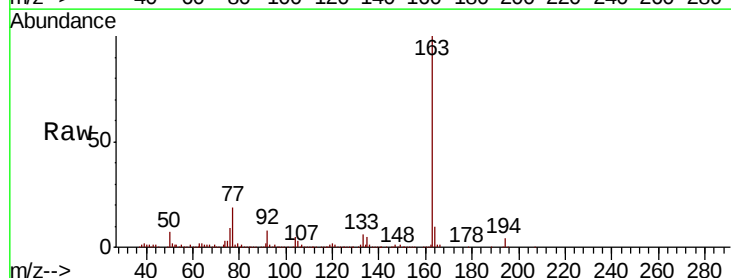
Instrument :
 BNA_M
 ClientSampleId :
 BFDJ6

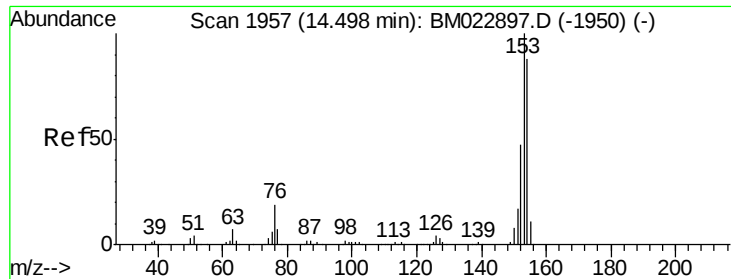
Tot Ion:142 Resp: 384500
 Ion Ratio Lower Upper
 142 100
 141 90.8 73.0 109.6
 116 3.8 2.9 4.3



#45
 Dimethylphthalate
 Concen: 7.455 ng/ul
 RT: 13.89 min Scan# 1853
 Delta R.T. -0.02 min
 Lab File: BM022926.D
 Acq: 03 Oct 2019 18:36

Tgt Ion:163 Resp: 388288
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.4 5.0
 164 9.8 8.1 12.1





#50

Acenaphthene

Concen: 5.115 ng/ul

RT: 14.49 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BM022926.D

Acq: 03 Oct 2019 18:36

Instrument :

BNA_M

ClientSampleId :

BFDJ6

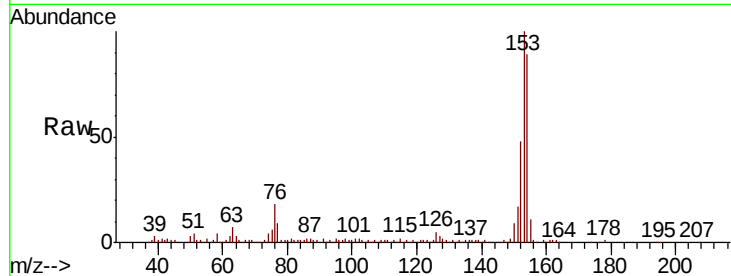
Tot Ion:153 Resp: 225177

Ion Ratio Lower Upper

153 100

152 47.7 38.1 57.1

154 89.0 71.1 106.7

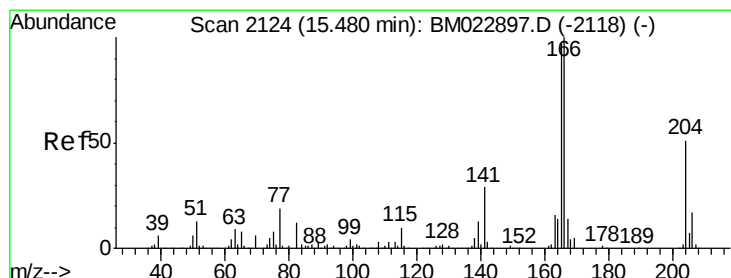
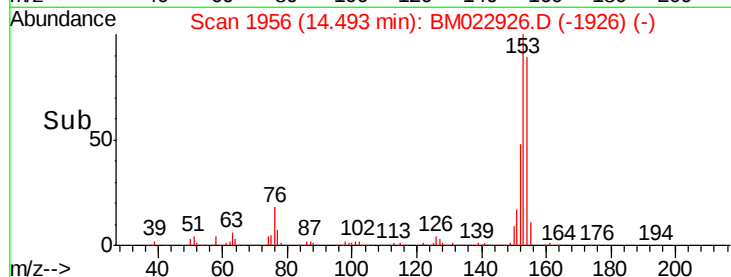
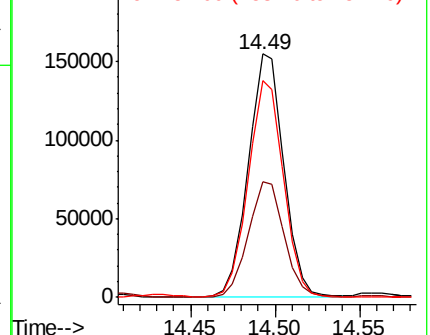


Abundance

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: 1.936 ng/ul

RT: 15.48 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BM022926.D

Acq: 03 Oct 2019 18:36

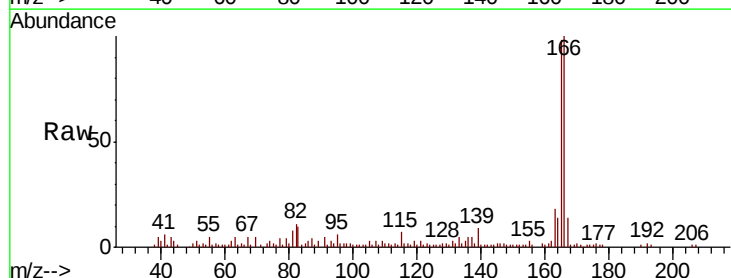
Tgt Ion:166 Resp: 98388

Ion Ratio Lower Upper

166 100

165 97.6 77.7 116.5

167 13.8 11.0 16.4

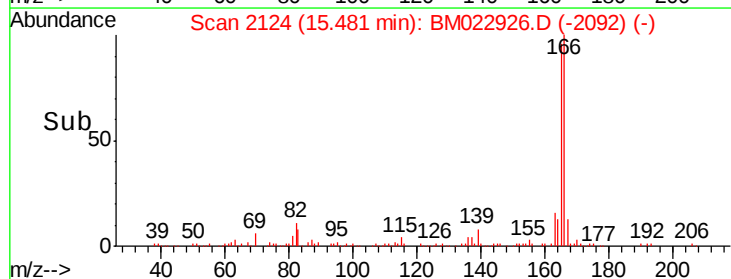
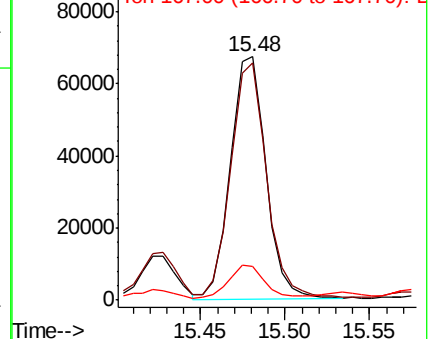


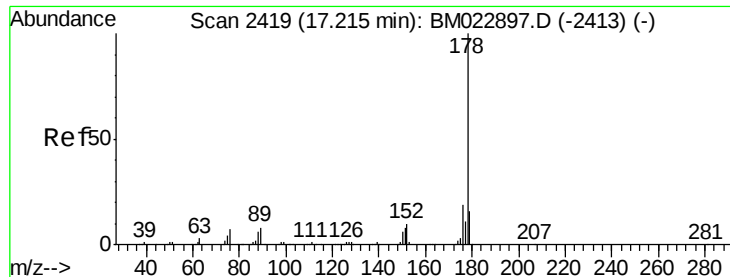
Abundance

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: 3.440 ng/ul

RT: 17.21 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BM022926.D

Acq: 03 Oct 2019 18:36

Instrument :

BNA_M

ClientSampleId :

BFDJ6

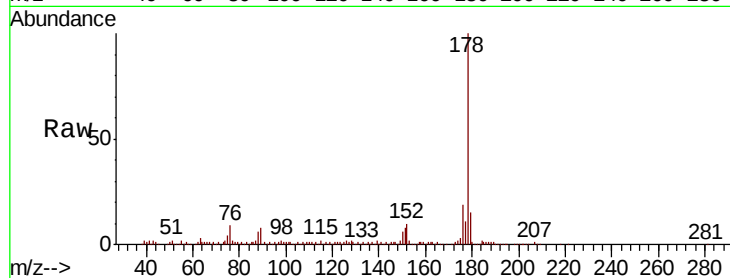
Tot Ion:178 Resp: 261991

Ion Ratio Lower Upper

178 100

179 14.8 12.4 18.6

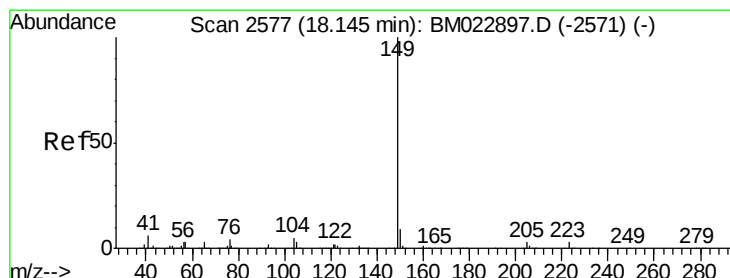
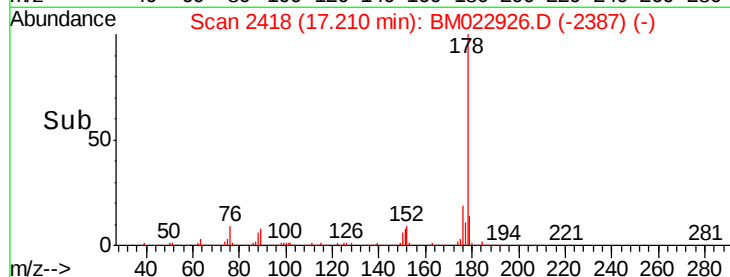
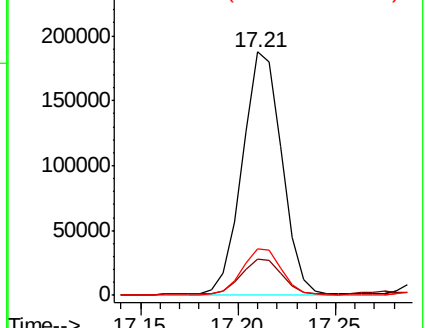
176 19.1 15.3 22.9



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



#76

Di-n-butylphthalate

Concen: 1.615 ng/ul

RT: 18.14 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BM022926.D

Acq: 03 Oct 2019 18:36

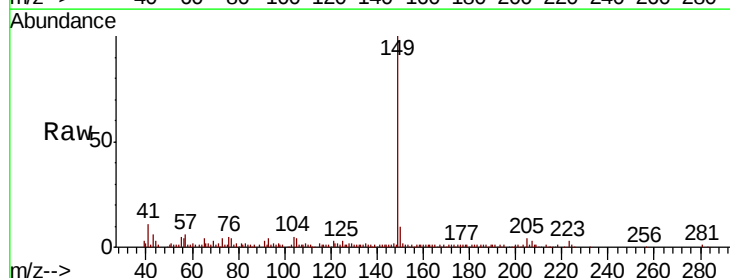
Tgt Ion:149 Resp: 131311

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

104 4.8 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

