

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
 Data File : BM022906.D
 Acq On : 02 Oct 2019 23:14
 Operator : JU
 Sample : K4895-18
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 03 01:00:23 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	315148	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.59	136	1304017	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.43	164	698378	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1136015	20.00	ng/ul	-0.01
78) Chrysene-d12	21.35	240	896317	20.00	ng/ul	-0.02
86) Perylene-d12	23.61	264	1079561	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.27	96	38573	5.29	ng/uL	0.00
5) Phenol-d5	6.97	99	186401	6.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	388936	25.52	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.33	132	483178	21.55	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	321774	14.11	ng/ul	-0.01
19) Nitrobenzene-d5	8.95	128	283736	28.19	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.67	143	312997	28.48	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.21	165	557000	25.46	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	458319	17.24	ng/ul	-0.01
44) Dimethylphthalate-d6	13.85	166	1646562	30.38	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	1926743	30.79	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.63	143	67963	6.35	ng/ul	0.00
58) Fluorene-d10	15.43	176	1312024	28.40	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	191825	25.95	ng/ul	-0.02
71) Anthracene-d10	17.27	188	1744213	31.44	ng/ul	-0.02
79) Pyrene-d10	19.56	212	1646333	34.13	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	1745975	31.26	ng/ul	-0.02

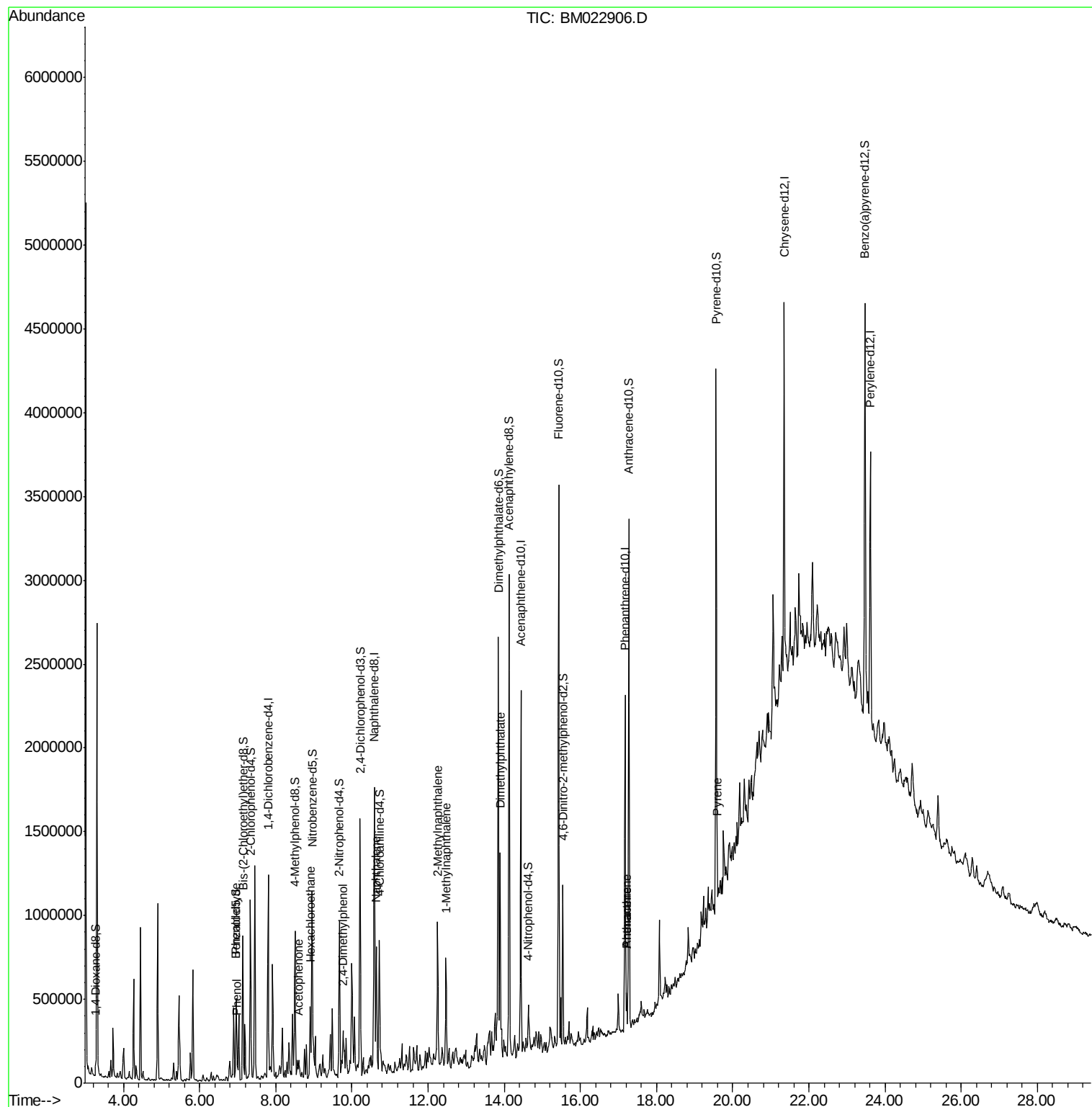
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Benzaldehyde	6.95	77	23847	1.890	ng/ul#	1
6) Phenol	6.99	94	37242	1.276	ng/ul	97
14) Acetophenone	8.60	105	75962	2.180	ng/ul#	38
17) Hexachloroethane	8.90	117	46067	5.040	ng/ul#	6
24) 2,4-Dimethylphenol	9.77	107	92628	3.785	ng/ul	99
28) Naphthalene	10.64	128	509904	7.240	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	404809	7.667	ng/ul	100
35) 1-Methylnaphthalene	12.47	142	305868	6.065	ng/ul	99
45) Dimethylphthalate	13.89	163	749314	13.458	ng/ul	100
70) Phenanthrene	17.22	178	125448	1.850	ng/ul	97
72) Anthracene	17.22	178	125770	1.821	ng/ul	97
80) Pyrene	19.59	202	80849	1.272	ng/ul	95

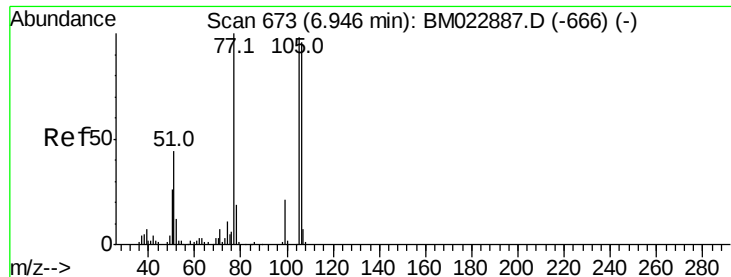
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#4

Benzaldehyde

Concen: 1.890 ng/ul

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM022906.D

Acq: 02 Oct 2019 23:14

Instrument :

BNA_M

ClientSampleId :

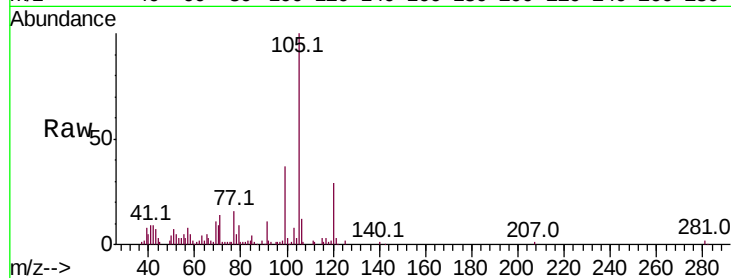
Tot Ion: 77 Resp: 23847

Ion Ratio Lower Upper

77 100

105 626.3 80.6 120.8#

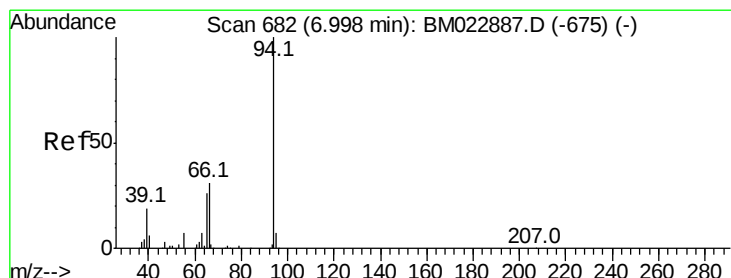
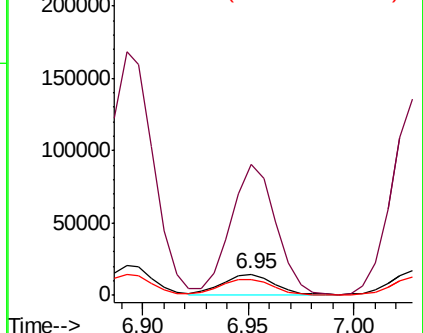
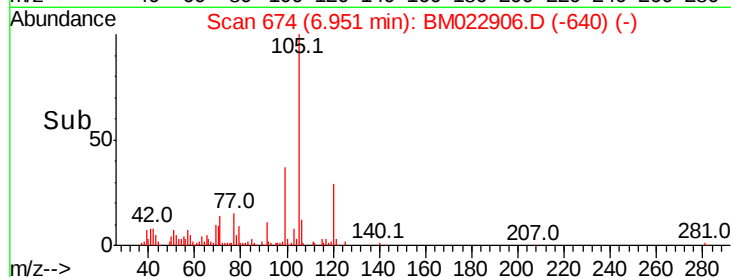
106 77.3 77.0 115.6



Abundance Ion 77.00 (76.70 to 77.70): BM022887.D (-666) (-)

Ion 105.00 (104.70 to 105.70): BM022887.D (-666) (-)

Ion 106.00 (105.70 to 106.70): BM022887.D (-666) (-)



#6

Phenol

Concen: 1.276 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM022906.D

Acq: 02 Oct 2019 23:14

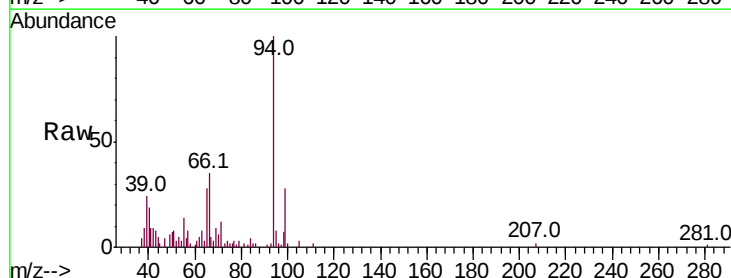
Tgt Ion: 94 Resp: 37242

Ion Ratio Lower Upper

94 100

65 28.0 20.9 31.3

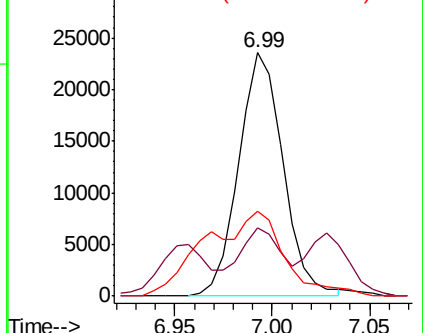
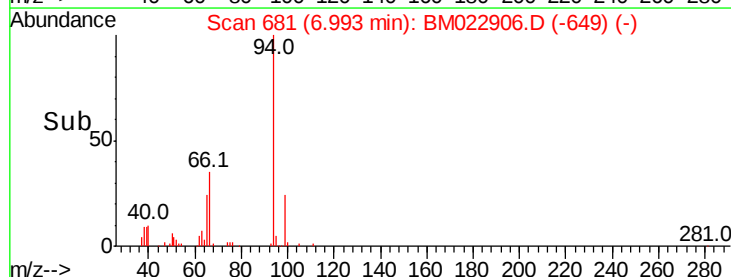
66 34.9 27.2 40.8

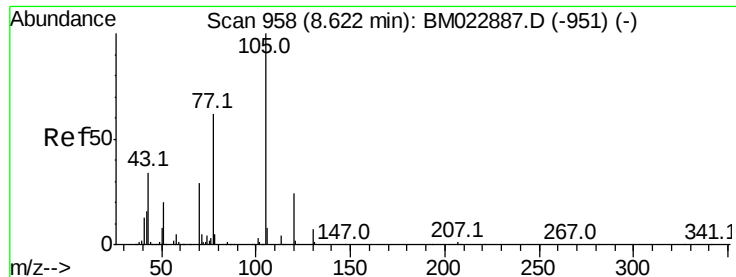


Abundance Ion 94.00 (93.70 to 94.70): BM022887.D (-675) (-)

Ion 65.00 (64.70 to 65.70): BM022887.D (-675) (-)

Ion 66.00 (65.70 to 66.70): BM022887.D (-675) (-)





#14

Acetophenone

Concen: 2.180 ng/ul

RT: 8.60 min Scan# 955

Delta R.T. -0.03 min

Lab File: BM022906.D

Acq: 02 Oct 2019 23:14

Instrument :

BNA_M

ClientSampled :

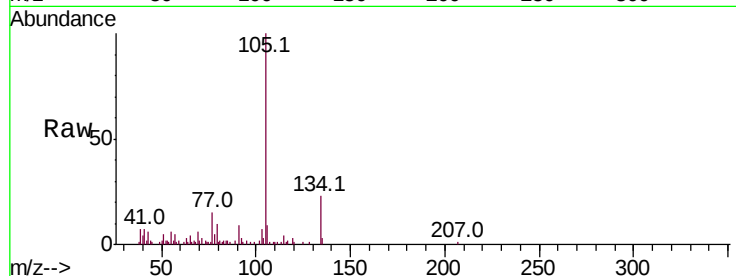
Tot Ion:105 Resp: 75962

Ion Ratio Lower Upper

105 100

77 14.6 59.4 89.0#

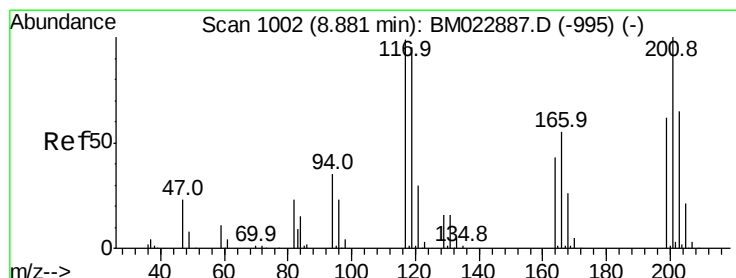
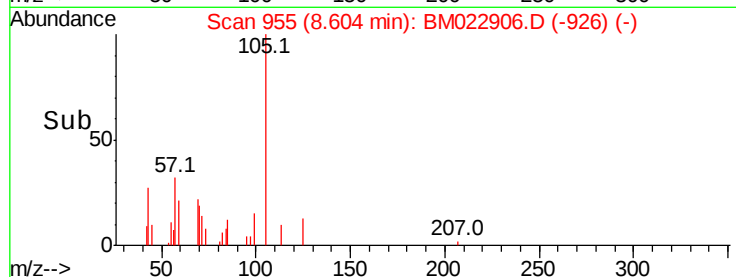
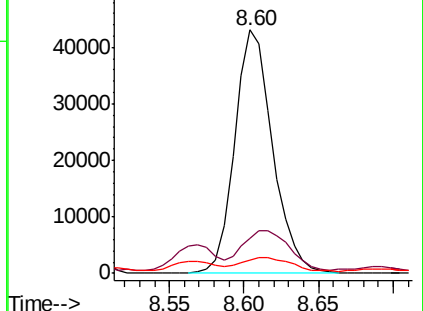
51 5.3 19.4 29.0#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 51.00 (50.70 to 51.70): BM



#17

Hexachloroethane

Concen: 5.040 ng/ul

RT: 8.90 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BM022906.D

Acq: 02 Oct 2019 23:14

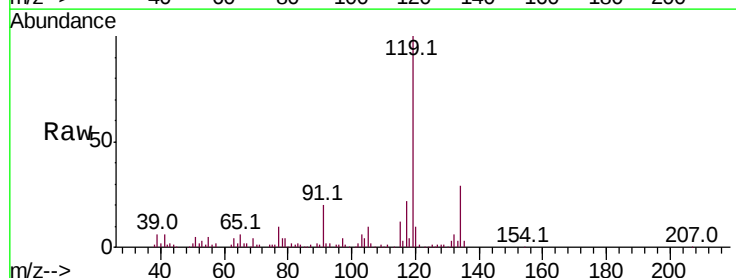
Tgt Ion:117 Resp: 46067

Ion Ratio Lower Upper

117 100

201 0.0 82.5 123.7#

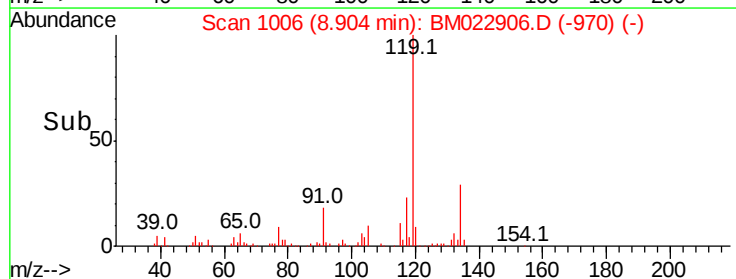
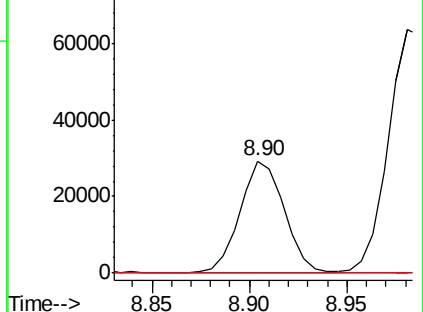
199 0.0 51.6 77.4#

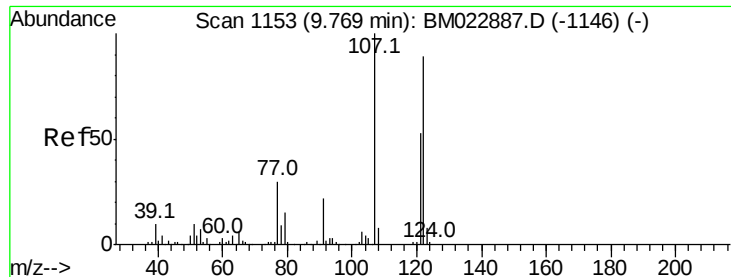


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#24

2,4-Dimethylphenol

Concen: 3.785 ng/ul

RT: 9.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BM022906.D

Acq: 02 Oct 2019 23:14

Instrument :

BNA_M

ClientSampleId :

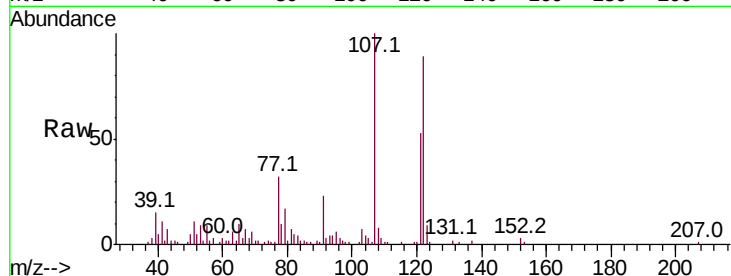
Tot Ion:107 Resp: 92628

Ion Ratio Lower Upper

107 100

121 53.5 43.0 64.4

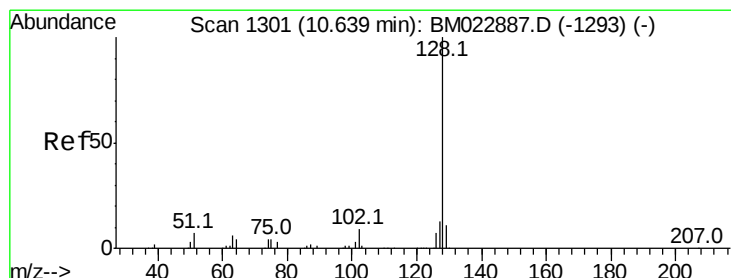
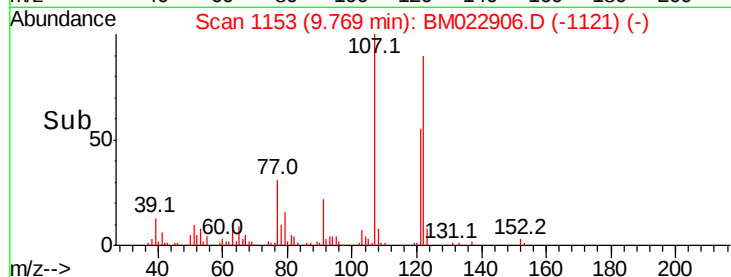
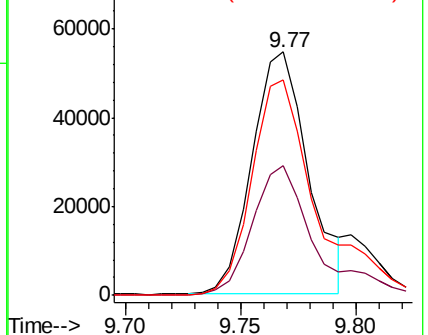
122 88.5 71.4 107.0



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: 7.240 ng/ul

RT: 10.64 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BM022906.D

Acq: 02 Oct 2019 23:14

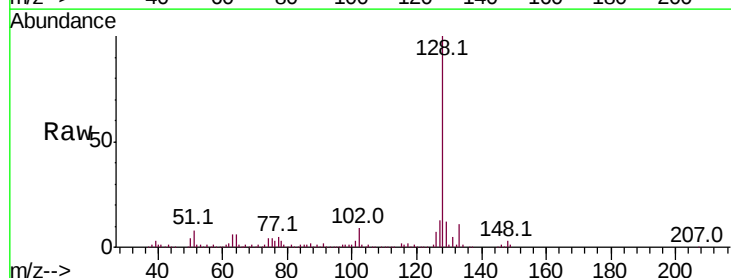
Tgt Ion:128 Resp: 509904

Ion Ratio Lower Upper

128 100

129 11.8 8.6 13.0

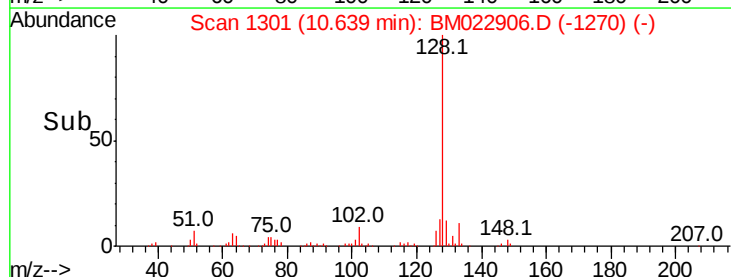
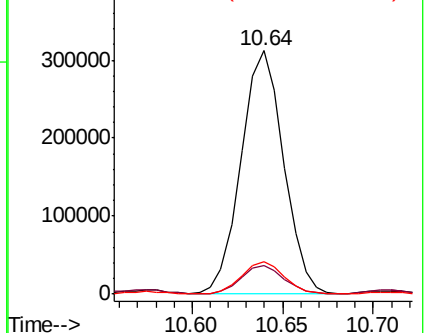
127 13.3 10.2 15.4

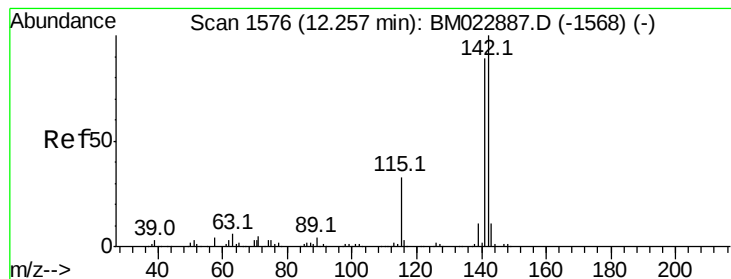


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#34

2-Methylnaphthalene

Concen: 7.667 ng/ul

RT: 12.25 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BM022906.D

Acq: 02 Oct 2019 23:14

Instrument :

BNA_M

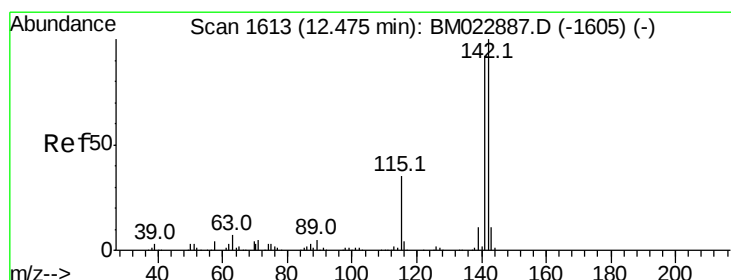
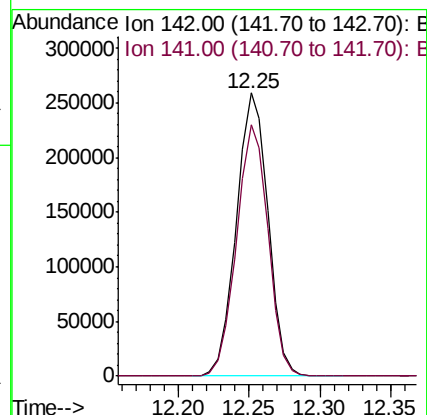
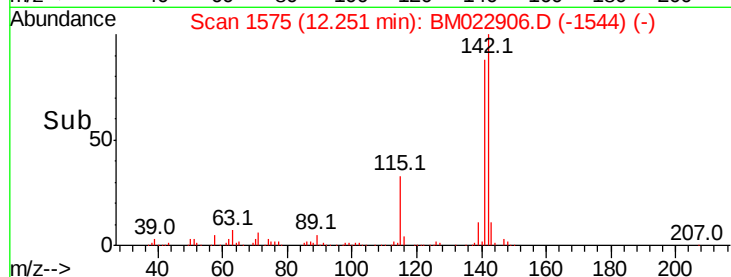
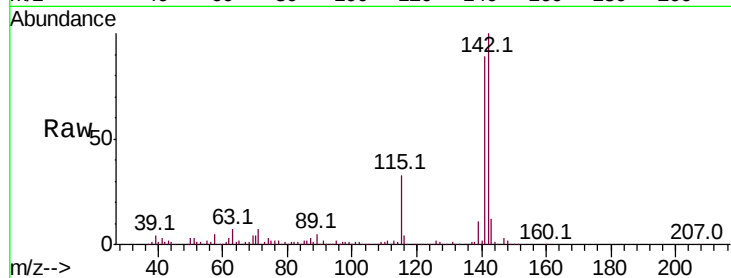
ClientSampleId :

Tot Ion:142 Resp: 404809

Ion Ratio Lower Upper

142 100

141 88.6 71.2 106.8



#35

1-Methylnaphthalene

Concen: 6.065 ng/ul

RT: 12.47 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BM022906.D

Acq: 02 Oct 2019 23:14

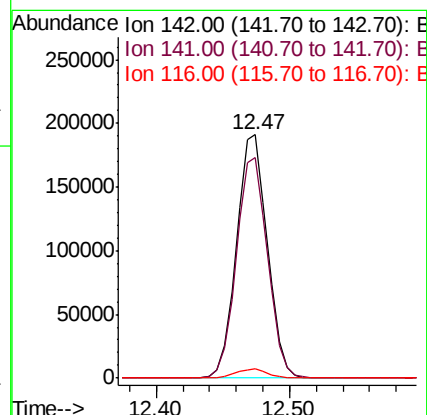
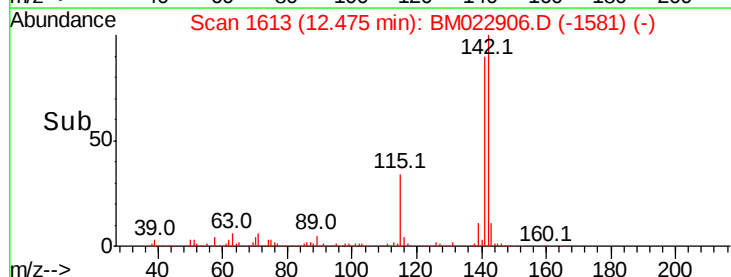
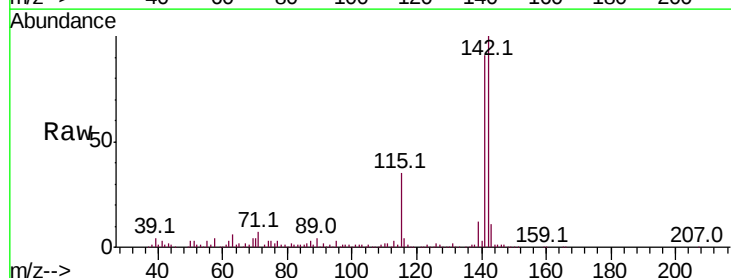
Tgt Ion:142 Resp: 305868

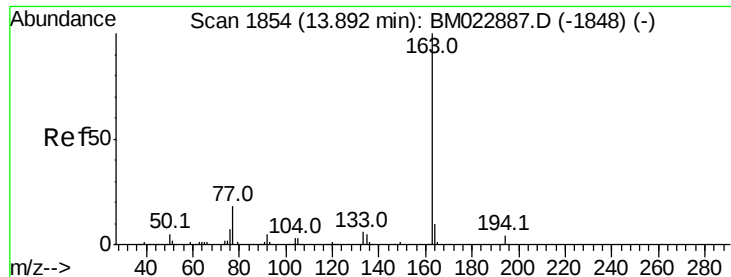
Ion Ratio Lower Upper

142 100

141 90.5 73.0 109.6

116 3.8 2.9 4.3





#45

Dimethylphthalate

Concen: 13.458 ng/ul

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM022906.D

Acq: 02 Oct 2019 23:14

Instrument :

BNA_M

ClientSampleId :

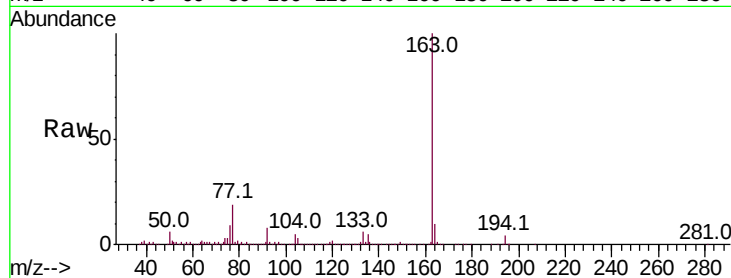
Tot Ion:163 Resp: 749314

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

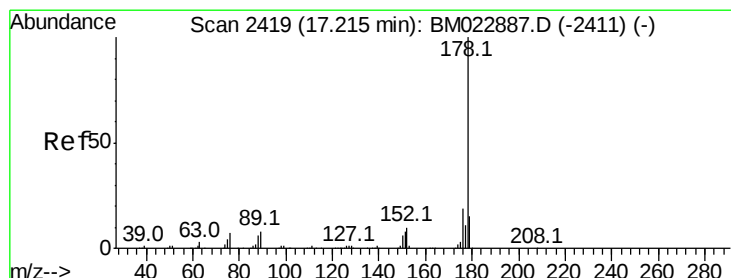
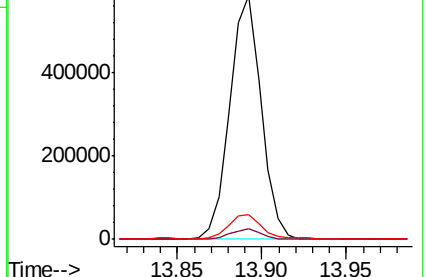
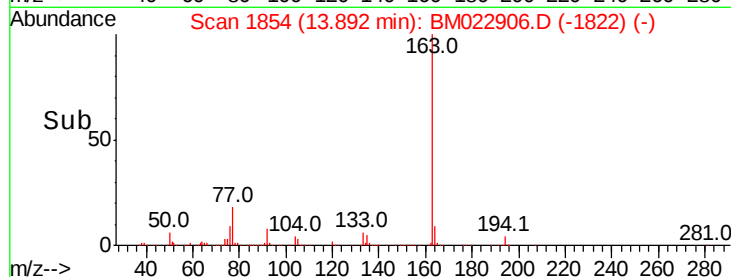
164 10.1 8.1 12.1



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



#70

Phenanthrene

Concen: 1.850 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM022906.D

Acq: 02 Oct 2019 23:14

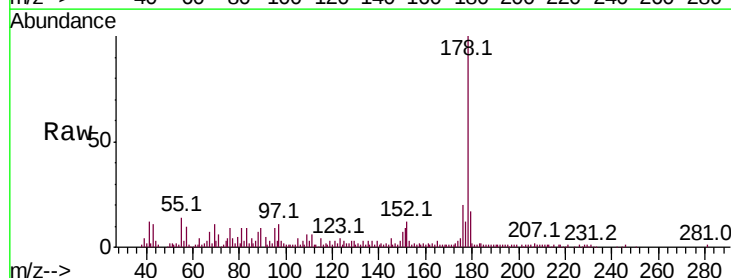
Tgt Ion:178 Resp: 125448

Ion Ratio Lower Upper

178 100

179 16.9 12.4 18.6

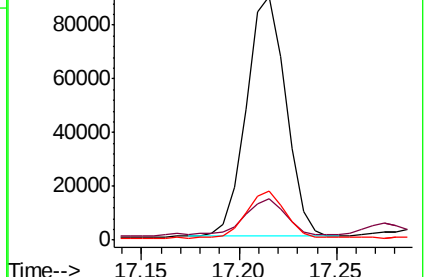
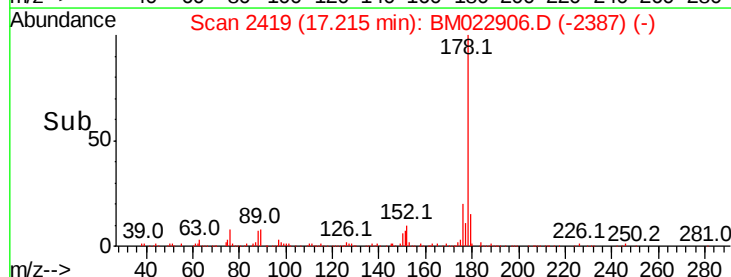
176 20.0 15.3 22.9

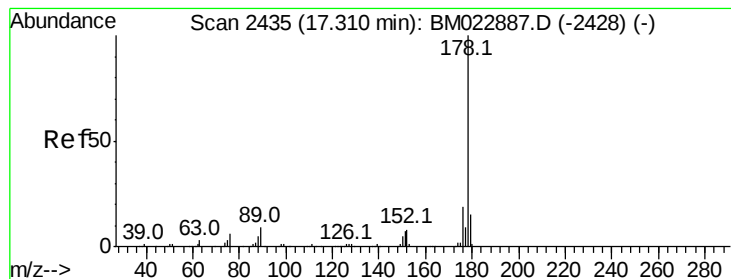


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.821 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. -0.11 min

Lab File: BM022906.D

Acq: 02 Oct 2019 23:14

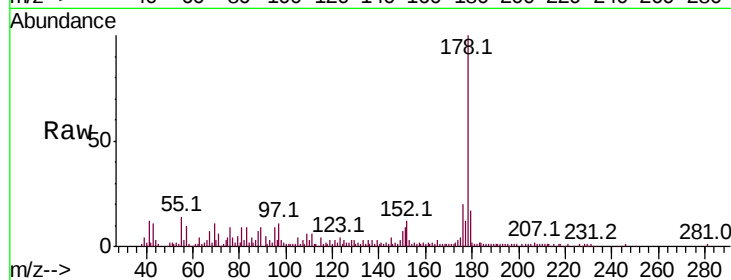
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 125770

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.4	18.6
176	20.0	15.0	22.6

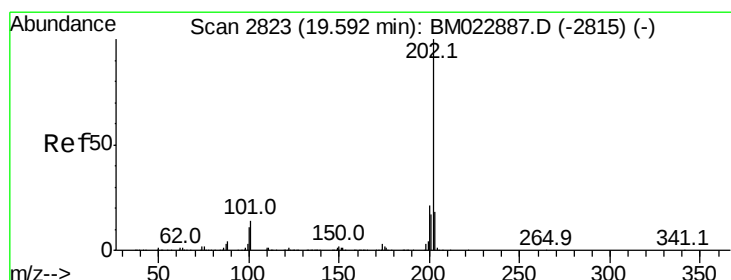
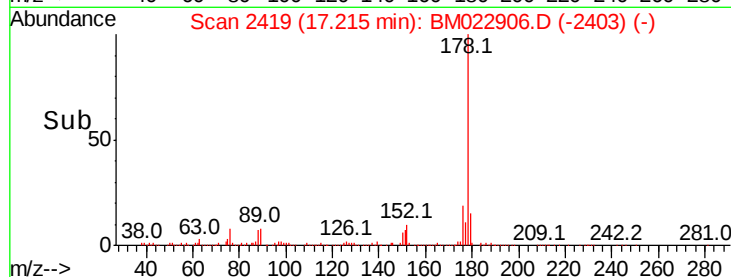
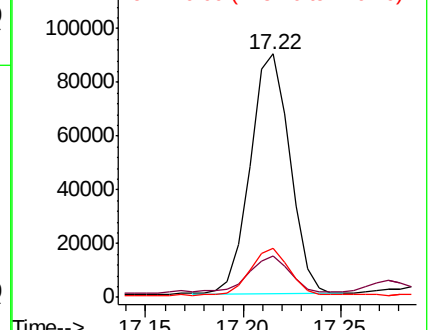


Abundance

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



#80

Pyrene

Concen: 1.272 ng/ul

RT: 19.59 min Scan# 2823

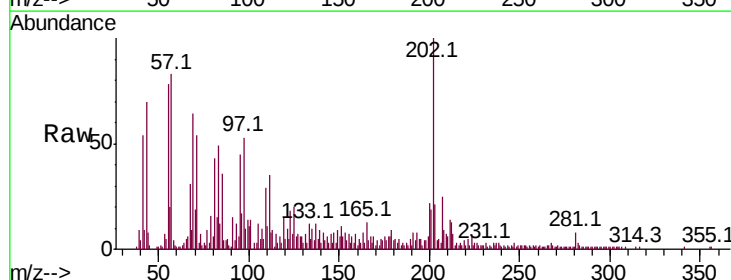
Delta R.T. -0.02 min

Lab File: BM022906.D

Acq: 02 Oct 2019 23:14

Tgt Ion:202 Resp: 80849

Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.7	14.5
100	11.3	7.8	11.8



Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

