

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
 Data File : BM022882.D
 Acq On : 02 Oct 2019 08:35
 Operator : JU
 Sample : K4932-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDM6

Manual Integrations
 APPROVED

mohammad
 10/2/2019 3:58:24 PM

Quant Time: Oct 02 14:42:12 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	320767	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1388567	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.44	164	820574	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.17	188	1411278	20.00	ng/ul	-0.01
78) Chrysene-d12	21.36	240	1022566	20.00	ng/ul	-0.01
86) Perylene-d12	23.62	264	1180432	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	37080	5.00	ng/uL	0.00
5) Phenol-d5	6.97	99	209303	7.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	369579	23.83	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	495441	21.71	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	359605	15.50	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	280067	26.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	315320	26.95	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	587499	25.22	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.72	131	299259	10.57	ng/ul	-0.01
44) Dimethylphthalate-d6	13.85	166	1716345	26.95	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	1991951	27.09	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.65	143	78306m	6.22	ng/ul	0.01
58) Fluorene-d10	15.43	176	1409074	25.96	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	219360	23.88	ng/ul	-0.01
71) Anthracene-d10	17.27	188	1974127	28.64	ng/ul	-0.01
79) Pyrene-d10	19.57	212	1793327	32.58	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.47	264	1754420	28.73	ng/ul	-0.02

Target Compounds

					Qvalue
6) Phenol	7.00	94	82752	2.785	ng/ul 98
11) 2-Methylphenol	8.25	108	176559	7.710	ng/ul 100
16) 4-Methylphenol	8.57	108	38193	1.508	ng/ul 99
24) 2,4-Dimethylphenol	9.77	107	1729959	66.387	ng/ul 99
28) Naphthalene	10.65	128	3760298	50.143	ng/ul 99
34) 2-Methylnaphthalene	12.26	142	1158072	20.597	ng/ul 99
41) 1,1'-Biphenyl	13.27	154	99441	1.480	ng/ul 99
45) Dimethylphthalate	13.90	163	1021564	15.615	ng/ul 99
50) Acenaphthene	14.50	153	498335	9.012	ng/ul 100
59) Fluorene	15.49	166	205996	3.228	ng/ul 99
70) Phenanthrene	17.22	178	344571	4.091	ng/ul 99
84) Bis(2-ethylhexyl)phthalate	21.27	149	77675	1.834	ng/ul 99

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

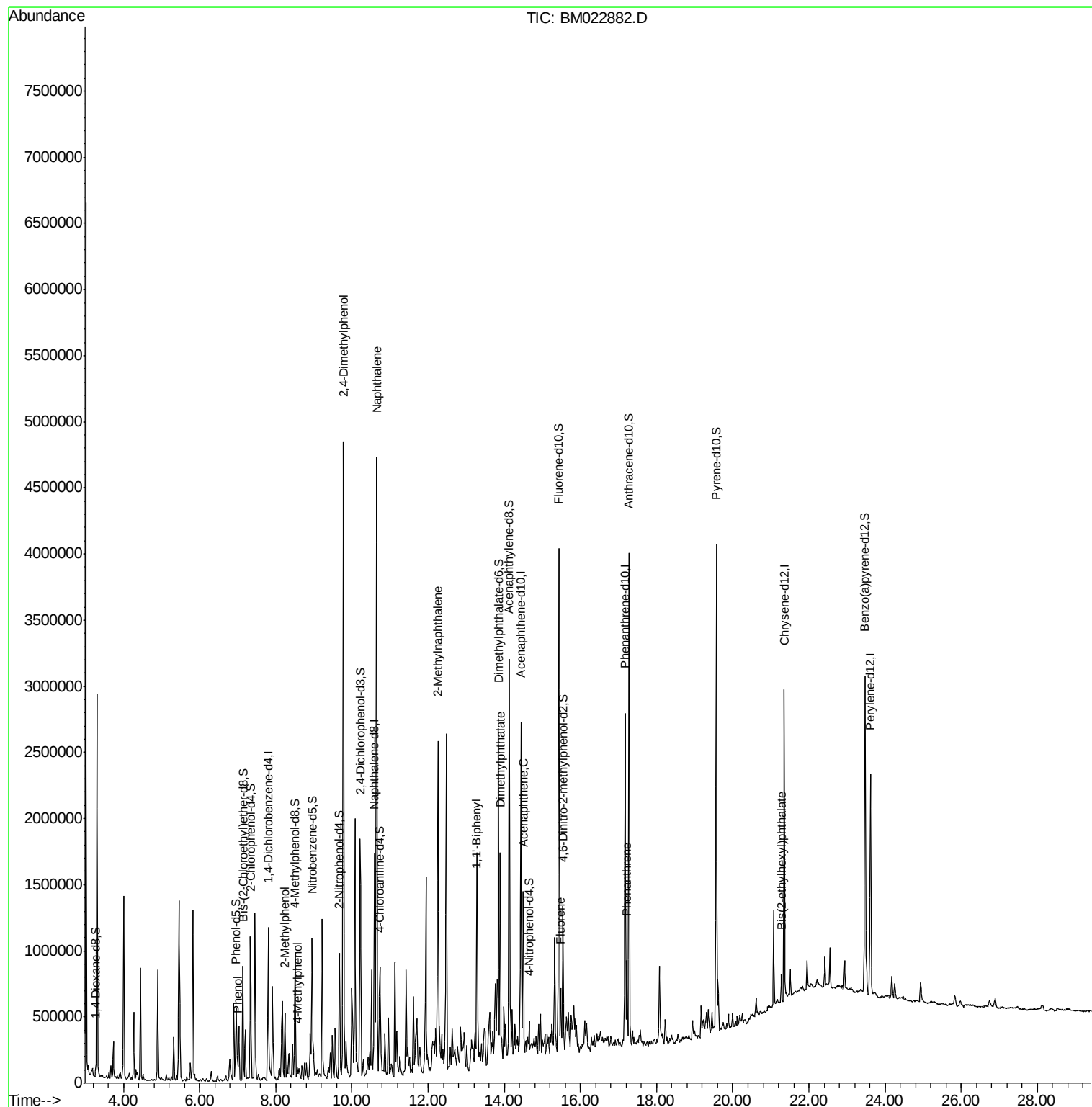
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022882.D
Acq On : 02 Oct 2019 08:35
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Misc :
ALS Vial : 28 Sample Multiplier: 1

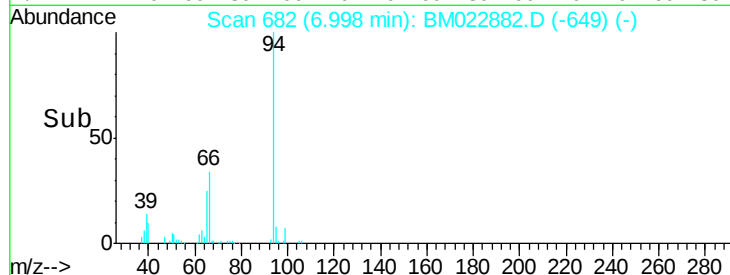
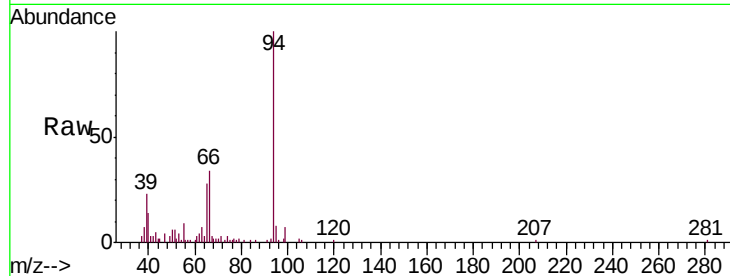
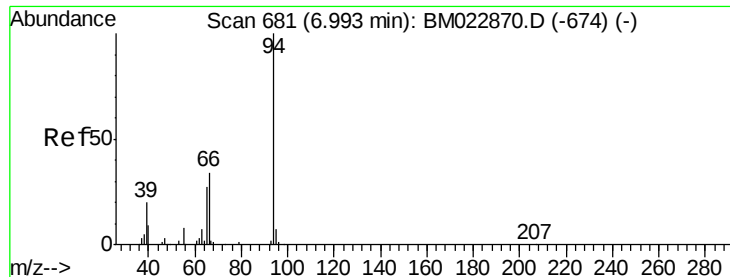
Instrument :
BNA_M
ClientSampleId :
BFD6

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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





#6

Phenol

Concen: 2.785 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM022882.D

Acq: 02 Oct 2019 08:35

Tgt Ion:	94	Resp:	82752
Ion	Ratio	Lower	Upper
94	100		
65	28.2	20.9	31.3
66	34.4	27.2	40.8

Instrument :

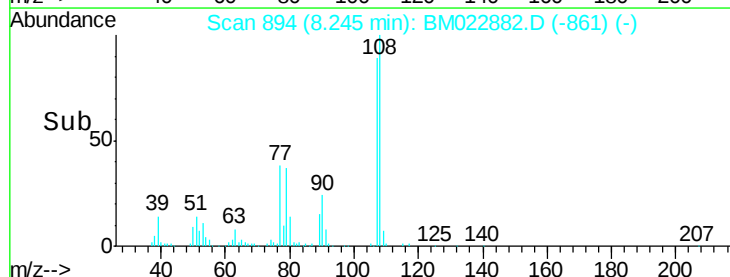
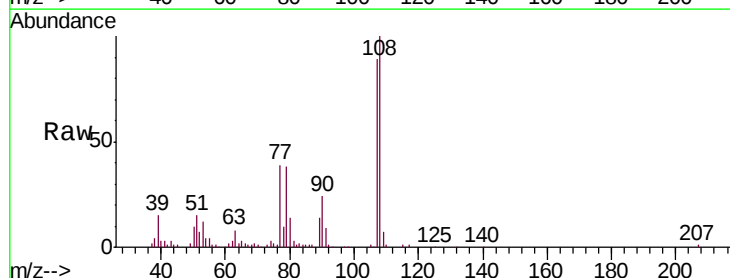
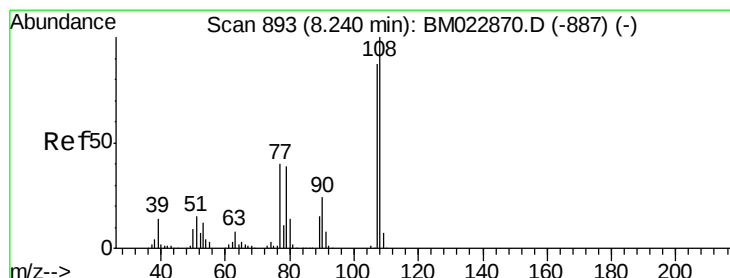
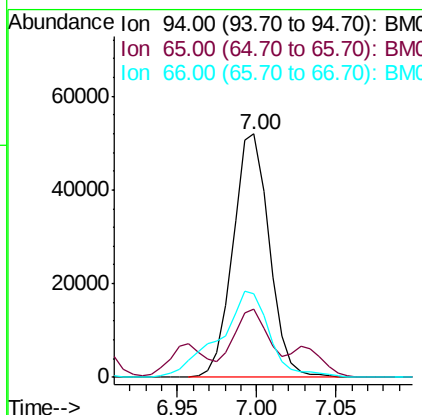
BNA_M

ClientSampleId :

BFDM6

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#11

2-Methylphenol

Concen: 7.710 ng/ul

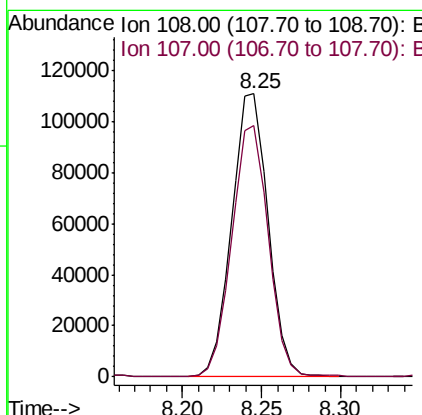
RT: 8.25 min Scan# 894

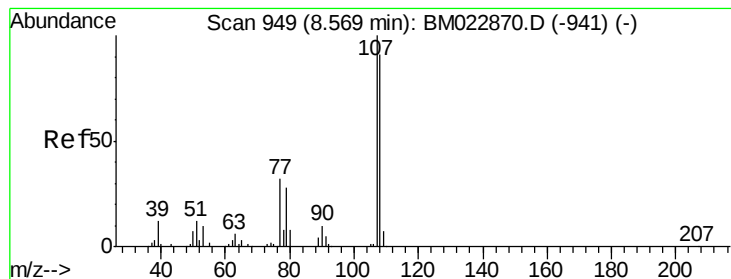
Delta R.T. -0.01 min

Lab File: BM022882.D

Acq: 02 Oct 2019 08:35

Tgt Ion:	108	Resp:	176559
Ion	Ratio	Lower	Upper
108	100		
107	88.7	71.0	106.4





#16

4-Methylphenol

Concen: 1.508 ng/ul

RT: 8.57 min Scan# 949

Delta R.T. -0.01 min

Lab File: BM022882.D

Acq: 02 Oct 2019 08:35

Instrument :

BNA_M

ClientSampleId :

BFDM6

Tgt Ion:108 Resp: 38193

Ion Ratio Lower Upper

108 100

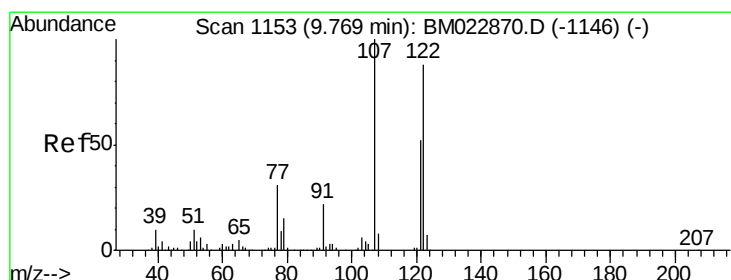
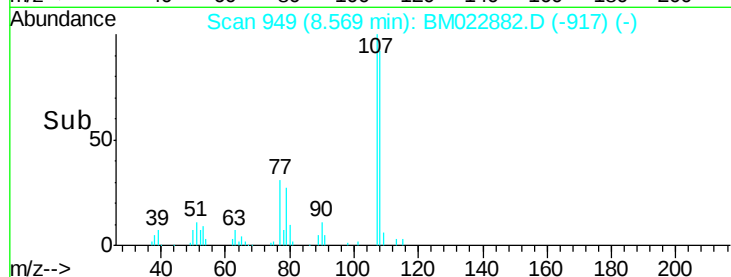
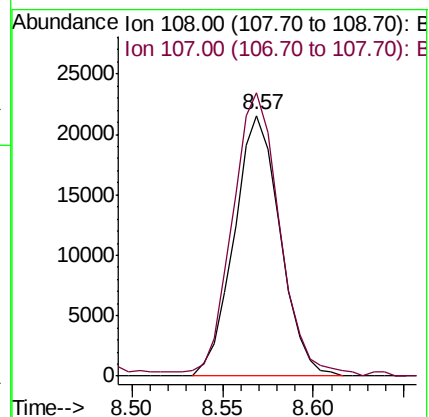
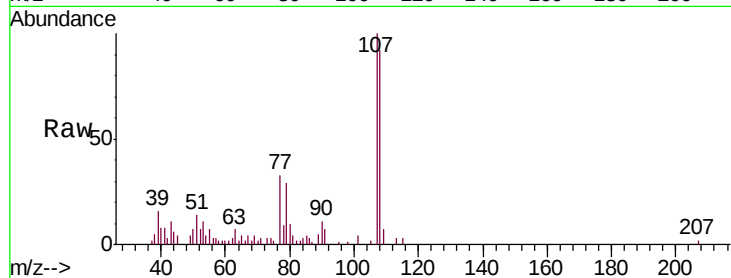
107 108.6 87.9 131.9

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#24

2,4-Dimethylphenol

Concen: 66.387 ng/ul

RT: 9.77 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BM022882.D

Acq: 02 Oct 2019 08:35

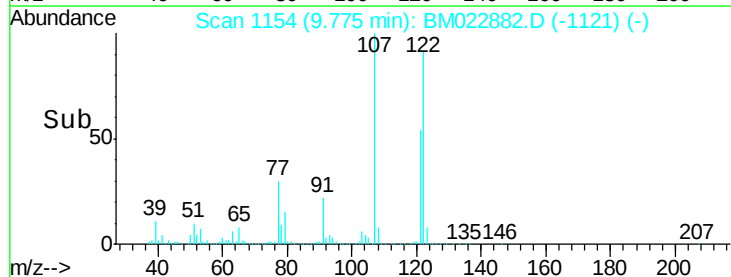
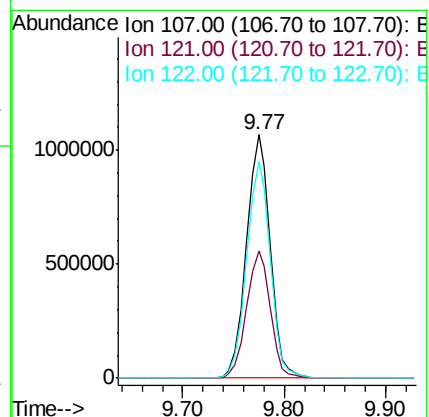
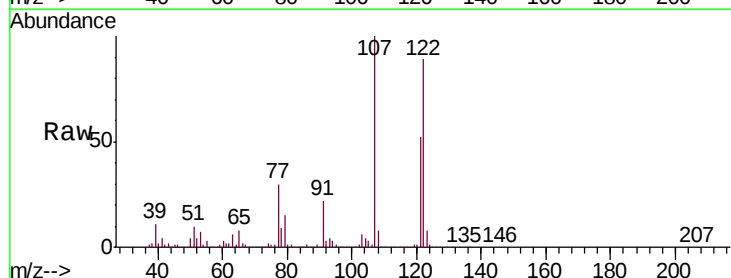
Tgt Ion:107 Resp: 1729959

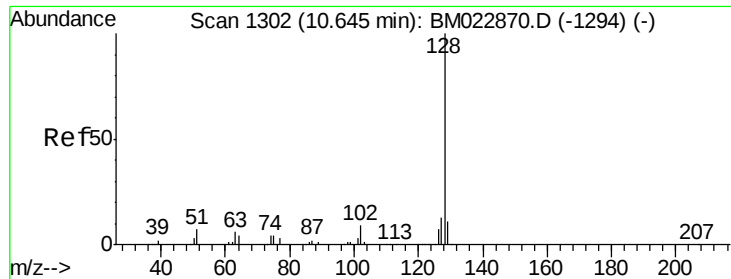
Ion Ratio Lower Upper

107 100

121 52.3 43.0 64.4

122 89.3 71.4 107.0





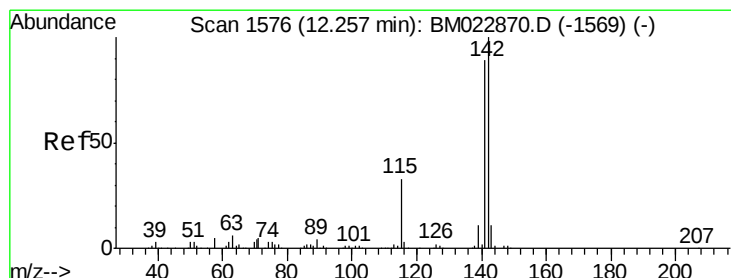
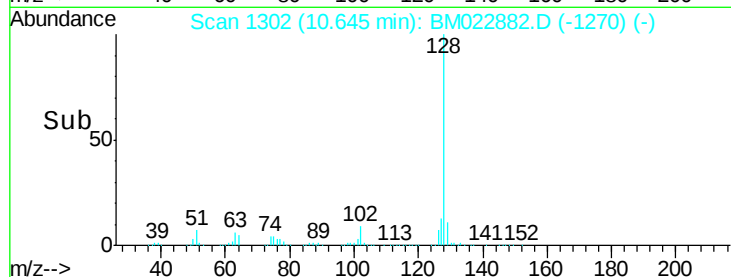
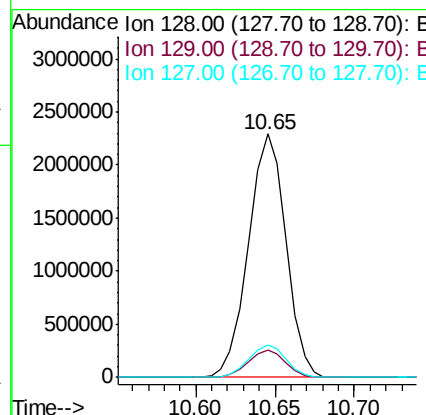
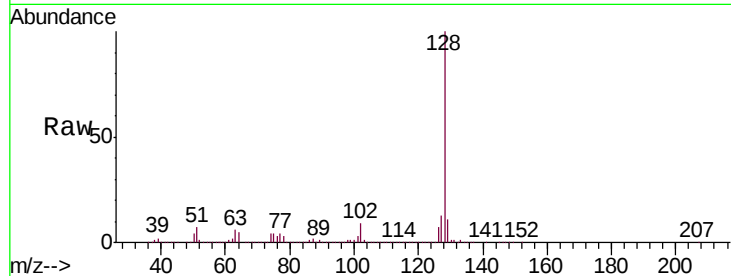
#28
Naphthalene
Concen: 50.143 ng/ul
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM022882.D
Acq: 02 Oct 2019 08:35

Instrument :
BNA_M
ClientSampleId :
BFD6

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.2	10.2	15.4

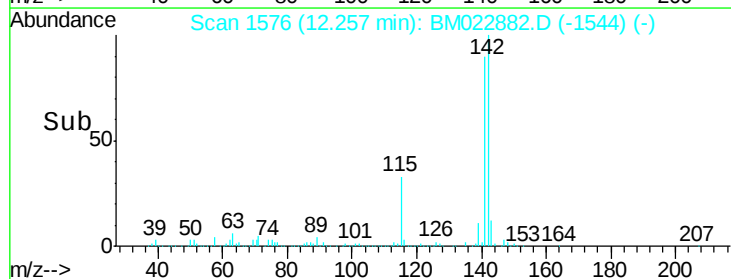
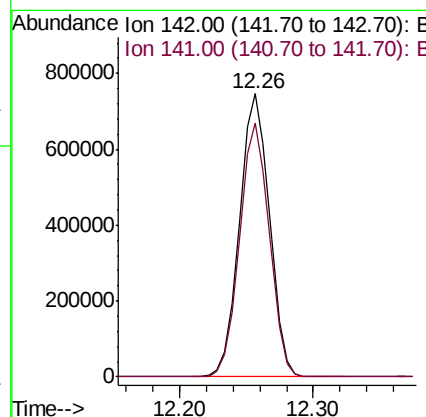
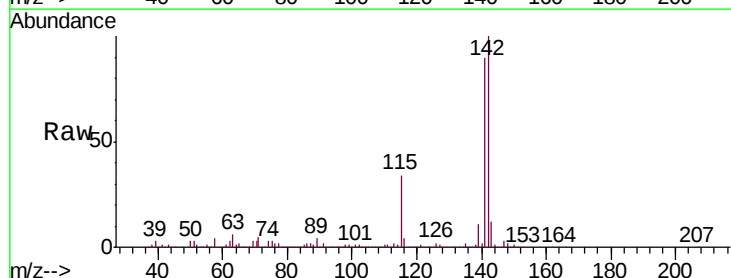
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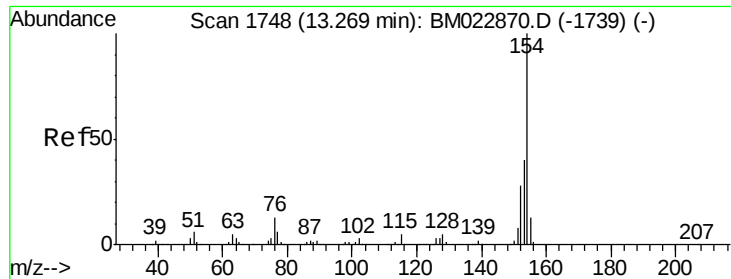
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#34
2-Methylnaphthalene
Concen: 20.597 ng/ul
RT: 12.26 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM022882.D
Acq: 02 Oct 2019 08:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.2	106.8





#41

1,1'-Biphenyl

Concen: 1.480 ng/ul

RT: 13.27 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BM022882.D

Acq: 02 Oct 2019 08:35

Instrument :

BNA_M

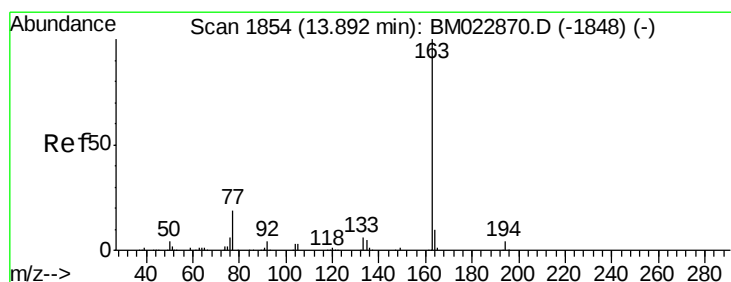
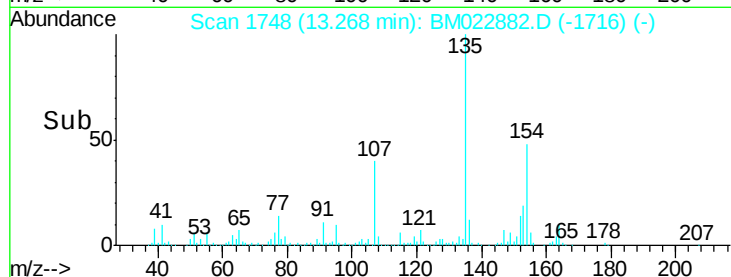
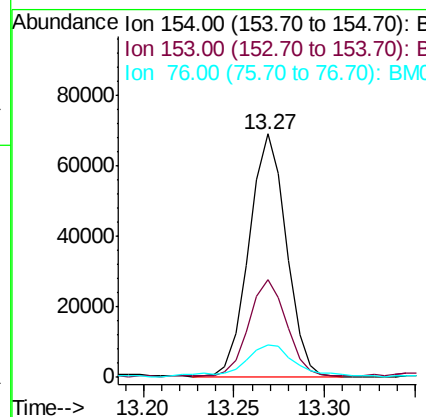
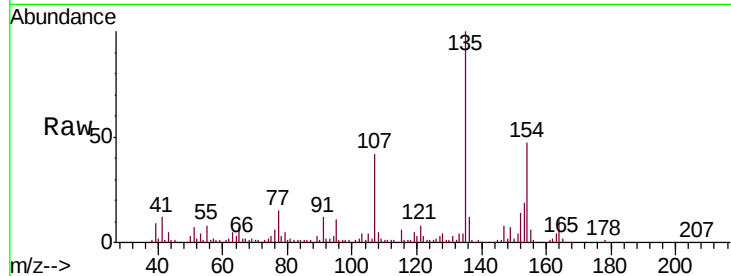
ClientSampleId :

BFDM6

Tgt Ion:	154	Resp:	99441
Ion Ratio	Lower	Upper	
154	100		
153	40.3	31.8	47.6
76	13.3	9.6	14.4

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#45

Dimethylphthalate

Concen: 15.615 ng/ul

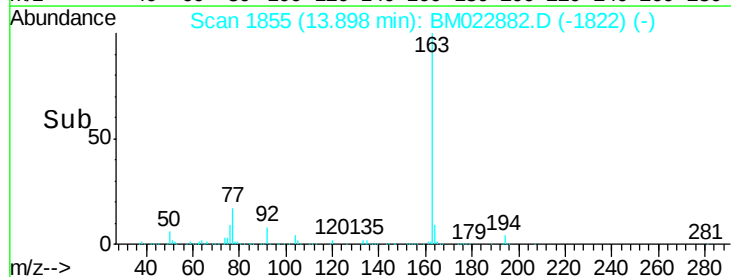
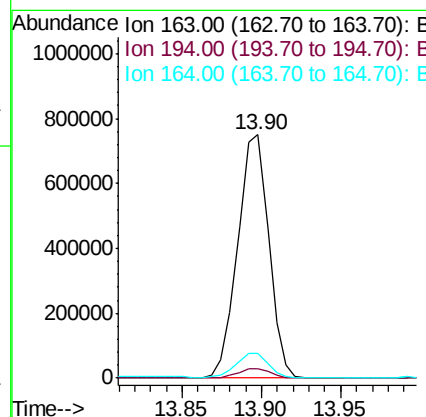
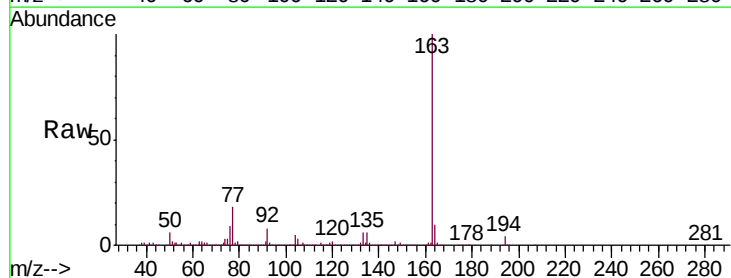
RT: 13.90 min Scan# 1855

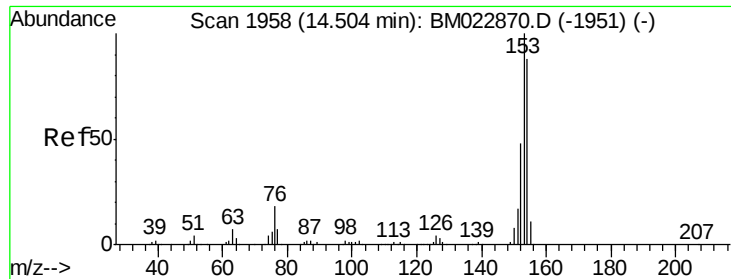
Delta R.T. -0.01 min

Lab File: BM022882.D

Acq: 02 Oct 2019 08:35

Tgt Ion:	163	Resp:	1021564
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.4	5.0
164	9.9	8.1	12.1





#50

Acenaphthene

Concen: 9.012 ng/ul

RT: 14.50 min Scan# 1957

Delta R.T. -0.02 min

Lab File: BM022882.D

Acq: 02 Oct 2019 08:35

Instrument :

BNA_M

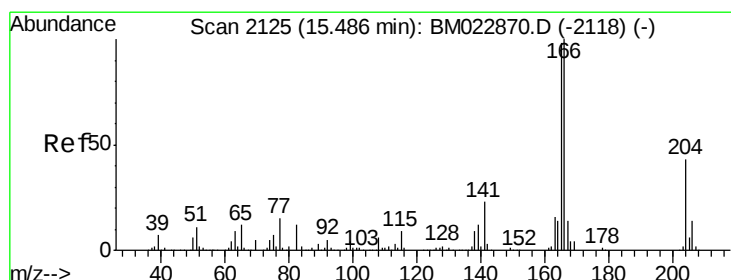
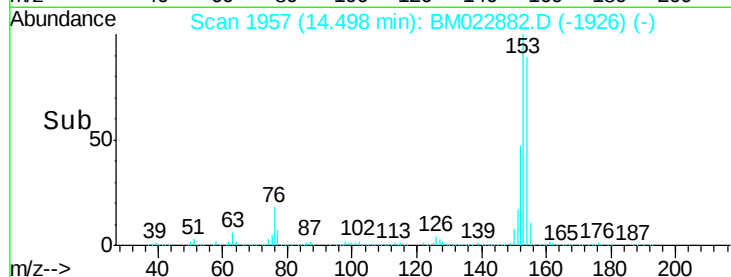
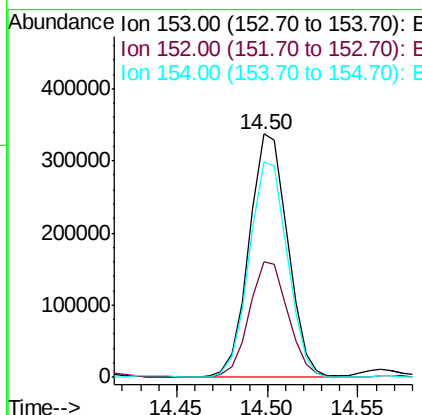
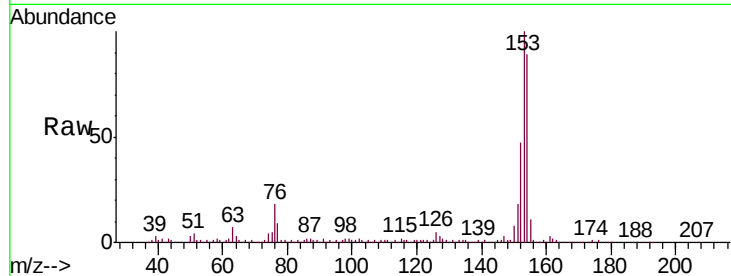
ClientSampleId :

BFDM6

Tgt Ion:	153	Resp:	498335
Ion Ratio	Lower	Upper	
153	100		
152	47.4	38.1	57.1
154	88.7	71.1	106.7

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#59

Fluorene

Concen: 3.228 ng/ul

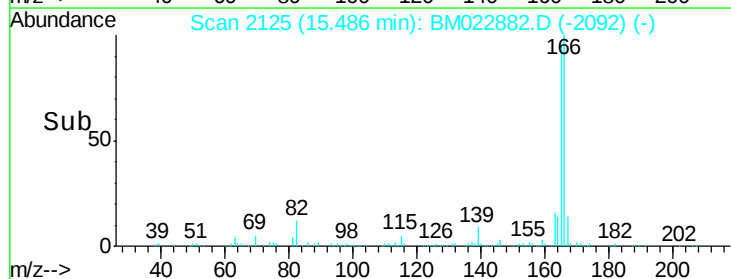
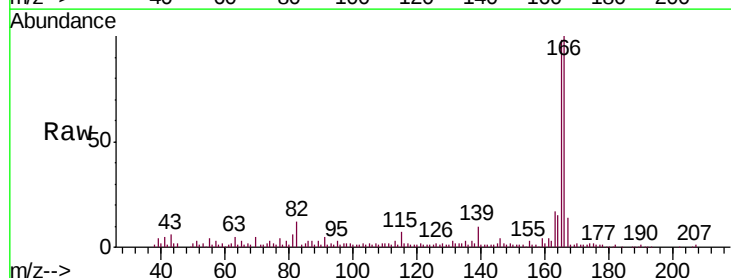
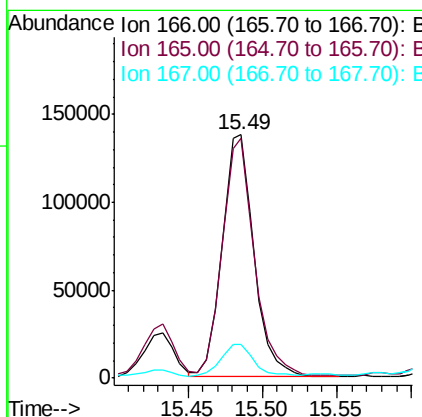
RT: 15.49 min Scan# 2125

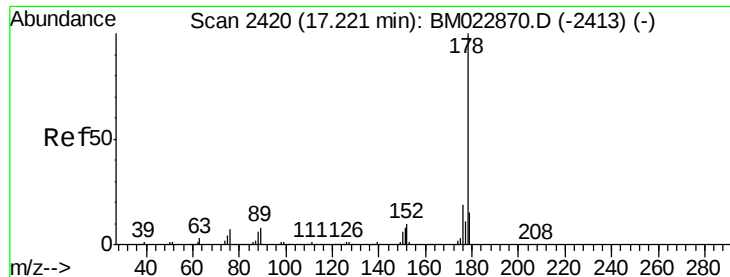
Delta R.T. -0.01 min

Lab File: BM022882.D

Acq: 02 Oct 2019 08:35

Tgt Ion:	166	Resp:	205996
Ion Ratio	Lower	Upper	
166	100		
165	98.2	77.7	116.5
167	14.1	11.0	16.4





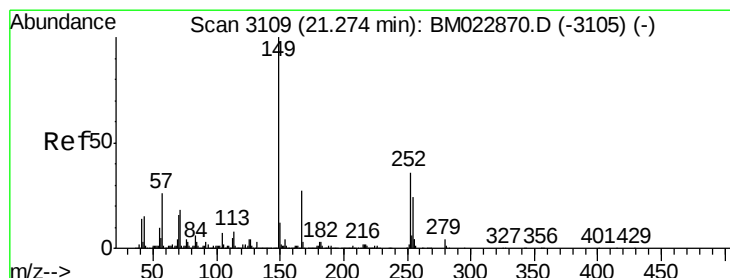
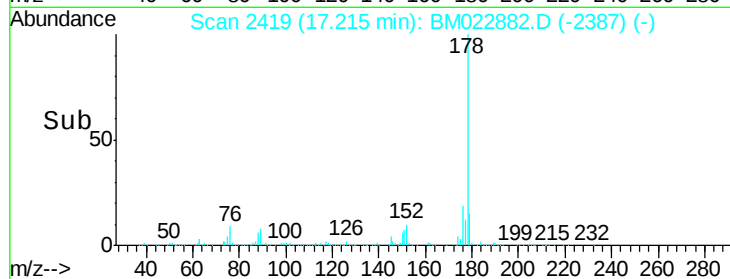
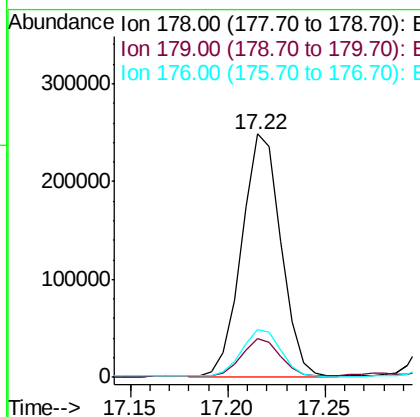
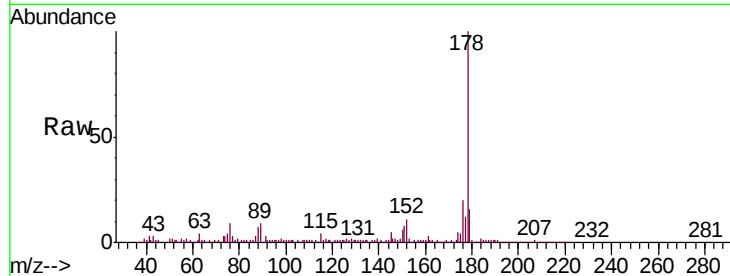
#70
Phenanthrene
Concen: 4.091 ng/ul
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM022882.D
Acq: 02 Oct 2019 08:35

Instrument :
BNA_M
ClientSampleId :
BFD6M6

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.4	18.6
176	19.5	15.3	22.9

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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.834 ng/ul
RT: 21.27 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM022882.D
Acq: 02 Oct 2019 08:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.1	33.1
279	4.5	3.3	4.9

