

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
 Data File : BM013473.D
 Acq On : 16 Dec 2017 11:46
 Operator : SJ/JU
 Sample : I6778-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F9A67

Manual Integrations
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Sohil
 12/18/2017 2:10:39 PM

Quant Time: Dec 21 18:02:16 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 16 00:23:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	338365	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1472228	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	838340	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1770613	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1296504	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1113202	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	21109	3.09	ng/uL	0.00
5) Phenol-d5	6.85	99	487746	16.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	301080	18.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	408852	17.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	403171	16.12	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	215617	18.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	241467	19.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	428329	16.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	226270	9.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1332129	17.86	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1657329	18.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	160805	12.41	ng/ul	0.00
57) Fluorene-d10	15.32	176	1108951	17.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	78834	7.08	ng/ul	0.00
70) Anthracene-d10	17.17	188	1574655	17.76	ng/ul	0.00
76) Pyrene-d10	19.47	212	1432354	22.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	923494	16.29	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.88	94	64603	2.232	ng/ul#	86
44) Dimethylphthalate	13.78	163	544544	7.632	ng/ul	99
47) Acenaphthylene	14.04	152	330621	3.881	ng/ul	99
69) Phenanthrene	17.11	178	171214	1.702	ng/ul	98
71) Anthracene	17.20	178	298404	2.902	ng/ul	97
74) Fluoranthene	19.13	202	739949	6.003	ng/ul#	92
77) Pyrene	19.50	202	1111216	14.108	ng/ul#	93
80) Benzo(a)anthracene	21.24	228	612975m	7.452	ng/ul	
82) Chrysene	21.30	228	909922m	11.923	ng/ul	
85) Benzo(b)fluoranthene	22.82	252	2079680	27.713	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	555616m	7.868	ng/ul	
88) Benzo(a)pyrene	23.39	252	949498	14.085	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.71	276	725236	10.843	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.71	278	206004	3.617	ng/ul#	91
91) Benzo(g,h,i)perylene	26.40	276	536535	10.169	ng/ul#	96

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

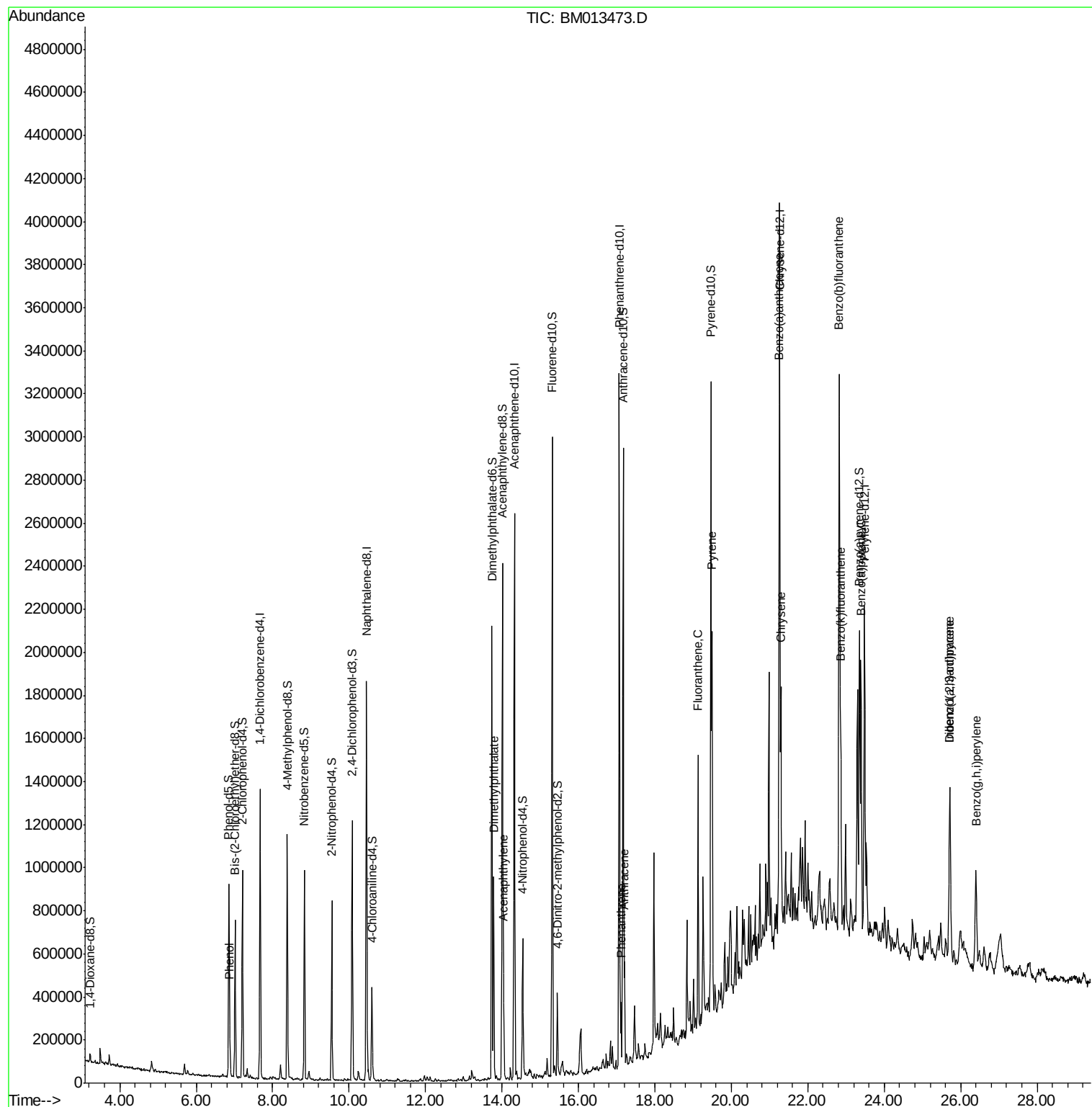
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013473.D
Acq On : 16 Dec 2017 11:46
Operator : SJ/JU
Sample : I6778-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

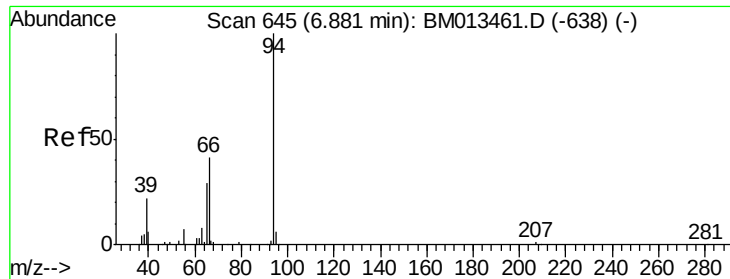
Instrument :
BNA_M
ClientSampleId :
F9A67

Quant Time: Dec 21 18:02:16 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

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#6

Phenol

Concen: 2.232 ng/ul

RT: 6.88 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM013473.D

Acq: 16 Dec 2017 11:46

Instrument :

BNA_M

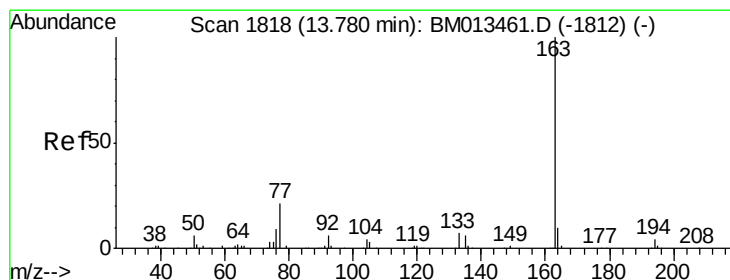
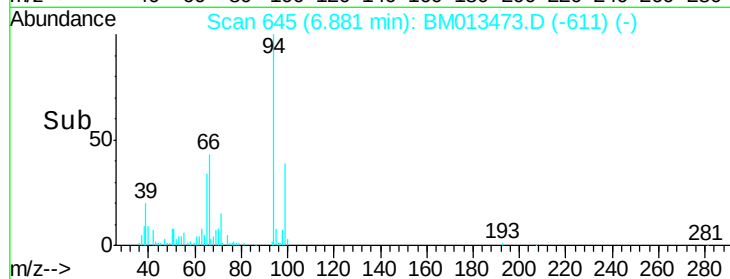
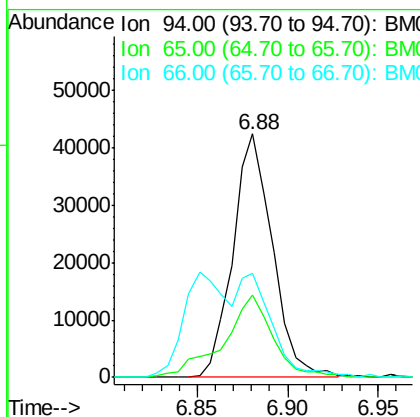
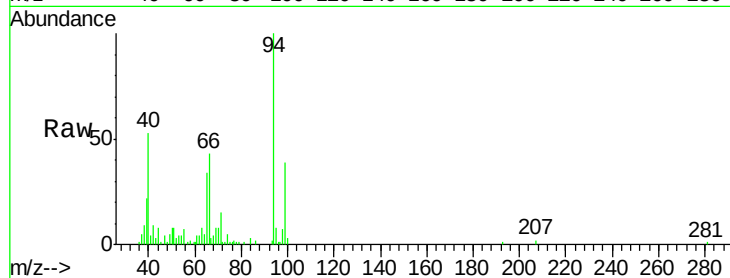
ClientSampled :

F9A67

Tgt Ion:	94	Resp:	64603
Ion Ratio	Lower	Upper	
94	100		
65	33.8	28.2	42.4
66	42.9	47.2	70.8#

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#44

Dimethylphthalate

Concen: 7.632 ng/ul

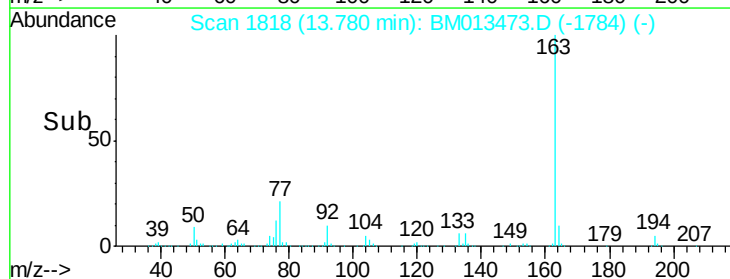
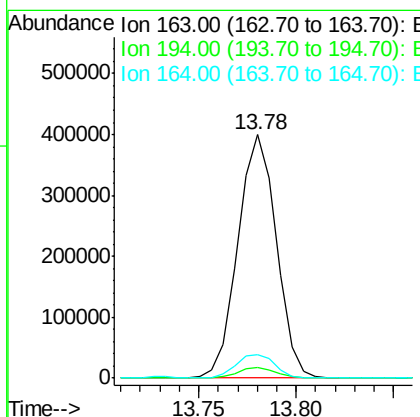
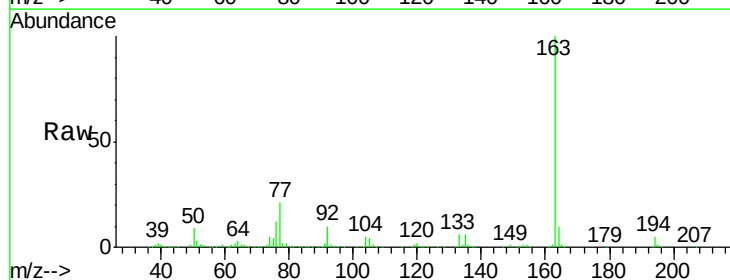
RT: 13.78 min Scan# 1818

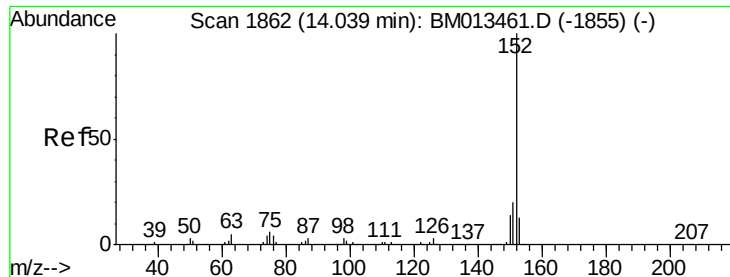
Delta R.T. -0.00 min

Lab File: BM013473.D

Acq: 16 Dec 2017 11:46

Tgt Ion:	163	Resp:	544544
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.5	5.3
164	9.8	8.2	12.4





#47

Acenaphthylene

Concen: 3.881 ng/ul

RT: 14.04 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BM013473.D

Acq: 16 Dec 2017 11:46

Instrument :

BNA_M

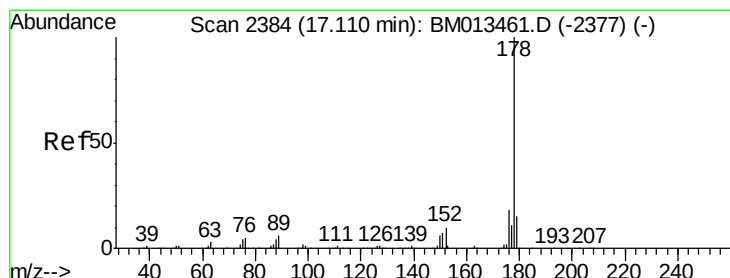
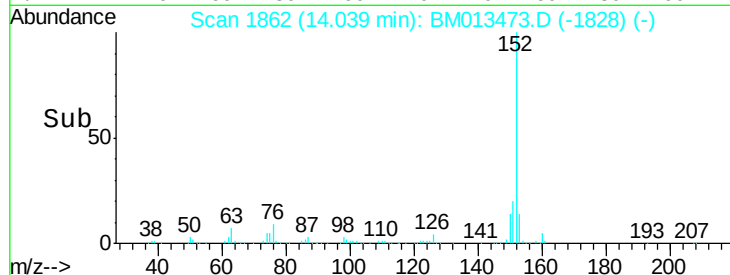
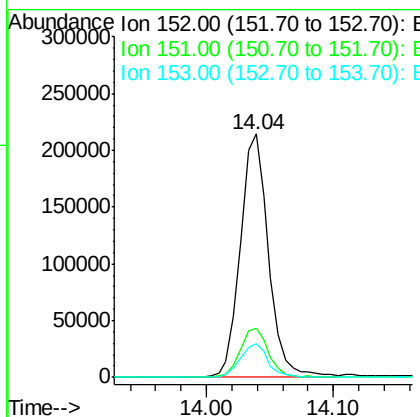
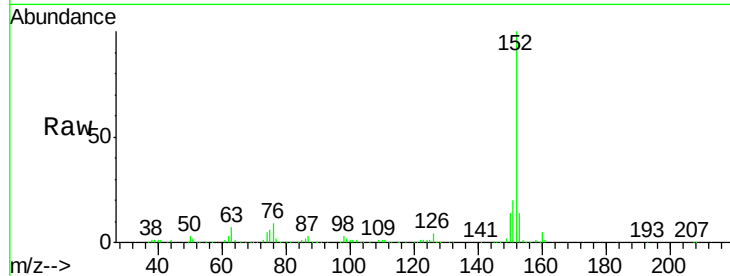
ClientSampled :

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Tgt Ion	Ratio	Resp	Lower	Upper
152	100	330621		
151	20.1	16.3	24.5	
153	13.7	10.2	15.4	

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#69

Phenanthrene

Concen: 1.702 ng/ul

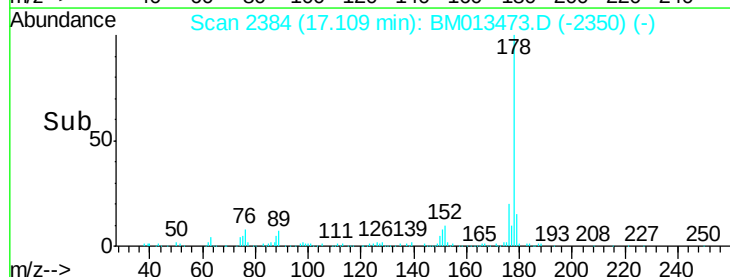
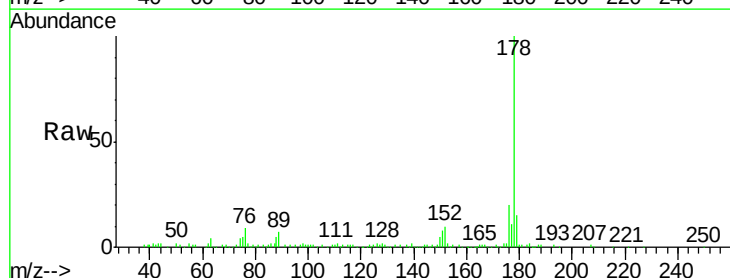
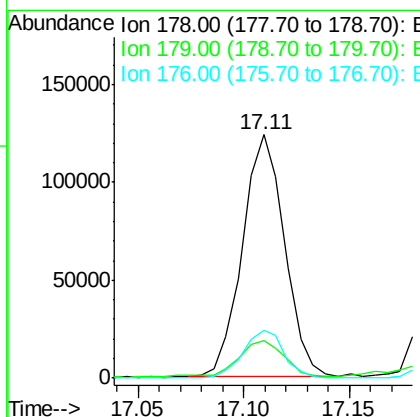
RT: 17.11 min Scan# 2384

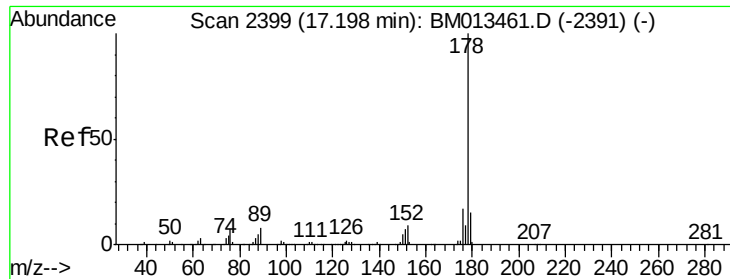
Delta R.T. -0.00 min

Lab File: BM013473.D

Acq: 16 Dec 2017 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	171214		
179	15.5	12.6	19.0	
176	19.6	14.9	22.3	





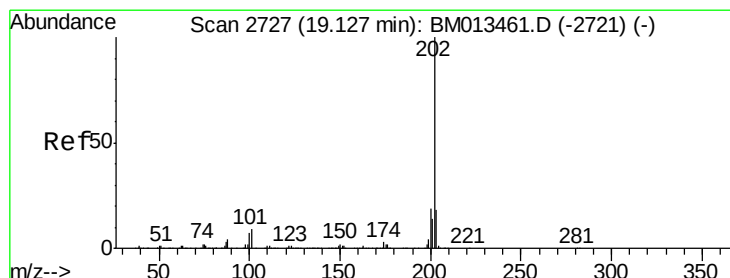
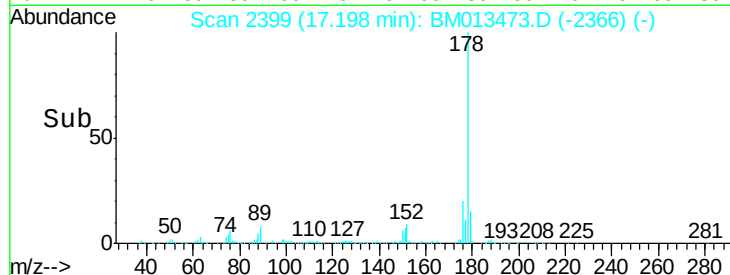
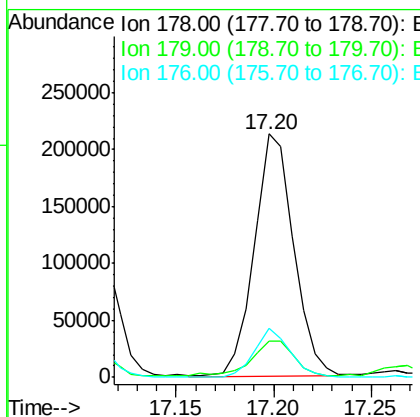
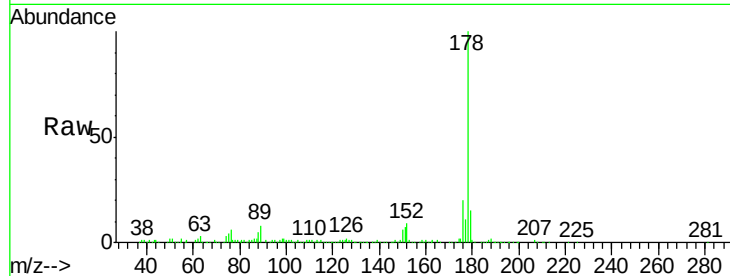
#71
 Anthracene
 Concen: 2.902 ng/ul
 RT: 17.20 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BM013473.D
 Acq: 16 Dec 2017 11:46

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
178	100	298404		
179	14.9	11.7	17.5	
176	20.0	14.6	21.8	

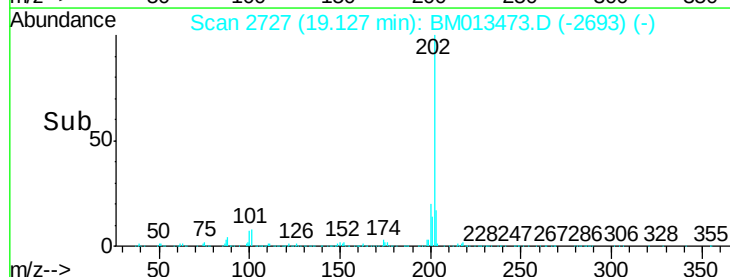
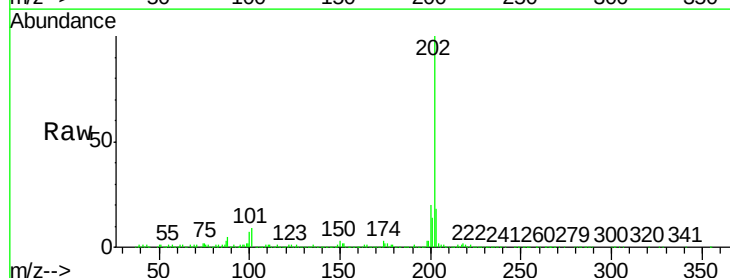
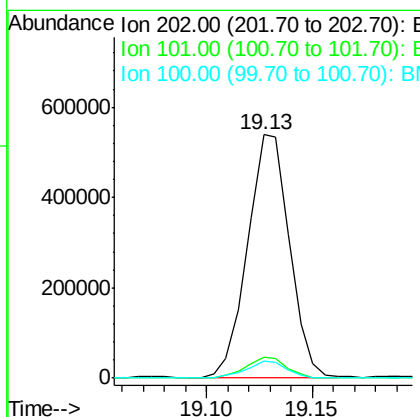
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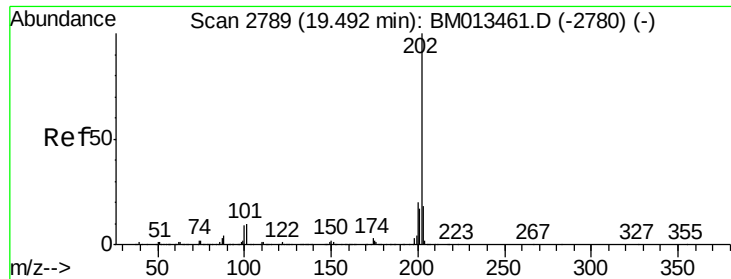
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#74
 Fluoranthene
 Concen: 6.003 ng/ul
 RT: 19.13 min Scan# 2727
 Delta R.T. -0.00 min
 Lab File: BM013473.D
 Acq: 16 Dec 2017 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	739949		
101	8.6	4.6	7.0#	
100	6.8	3.4	5.2#	





#77

Pyrene

Concen: 14.108 ng/ul

RT: 19.50 min Scan# 2790

Delta R.T. 0.01 min

Lab File: BM013473.D

Acq: 16 Dec 2017 11:46

Instrument :

BNA_M

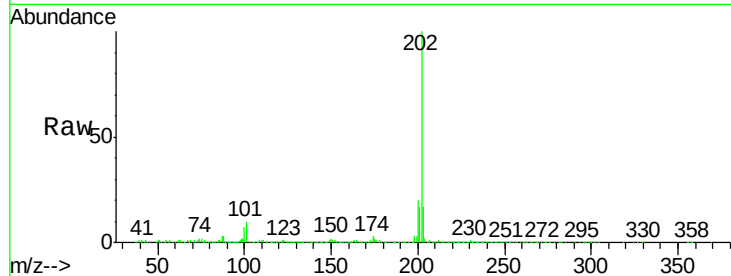
ClientSampleId :

F9A67

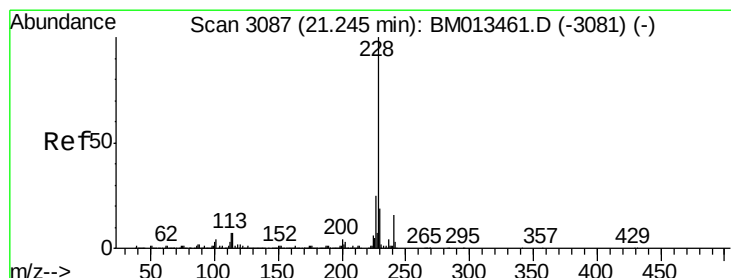
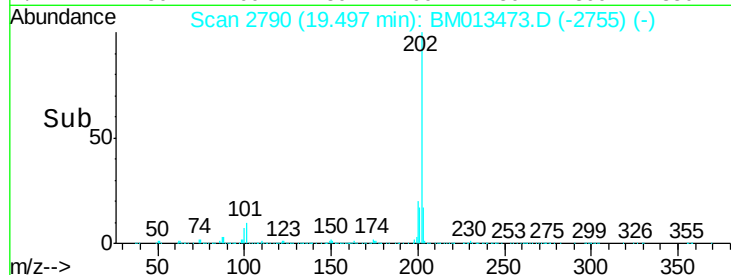
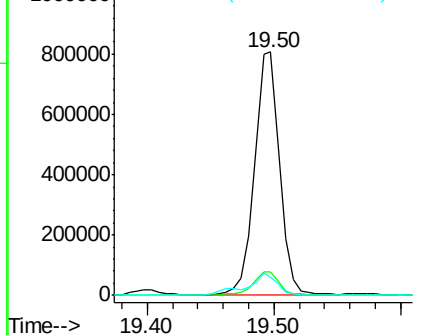
Tgt Ion:	202	Resp:	1111216
Ion Ratio	Lower	Upper	
202	100		
101	9.5	5.1	7.7#
100	7.4	4.9	7.3#

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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): B



#80

Benzo(a)anthracene

Concen: 7.452 ng/ul m

RT: 21.24 min Scan# 3087

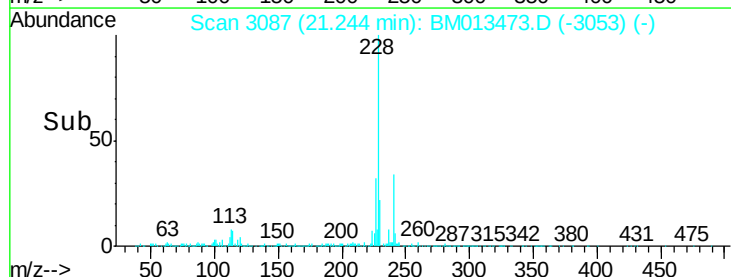
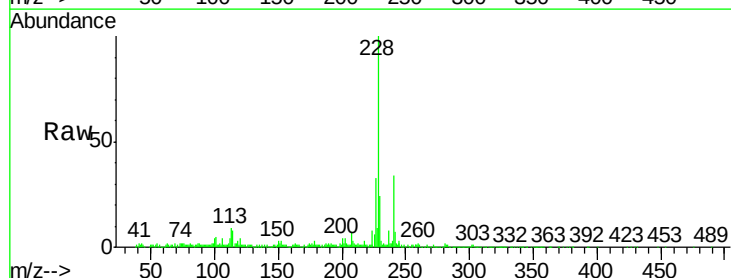
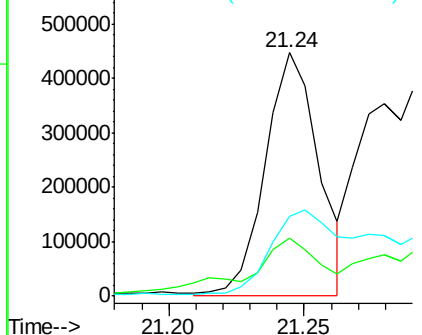
Delta R.T. -0.00 min

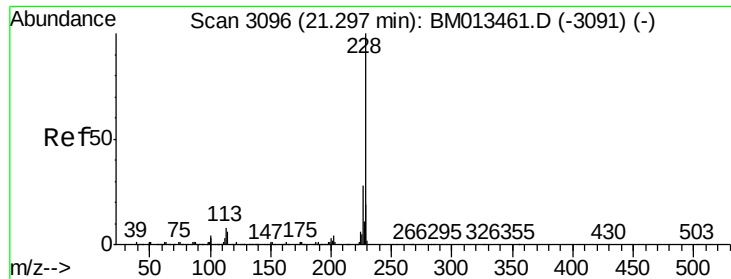
Lab File: BM013473.D

Acq: 16 Dec 2017 11:46

Tgt Ion:	228	Resp:	612975
Ion Ratio	Lower	Upper	
228	100		
229	24.1	15.4	23.0#
226	33.0	21.4	32.0#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 11.923 ng/ul m

RT: 21.30 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM013473.D

Acq: 16 Dec 2017 11:46

Instrument :

BNA_M

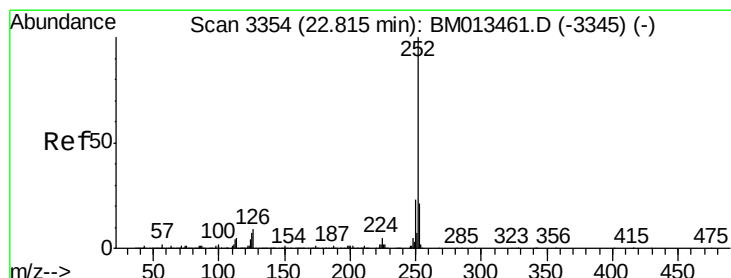
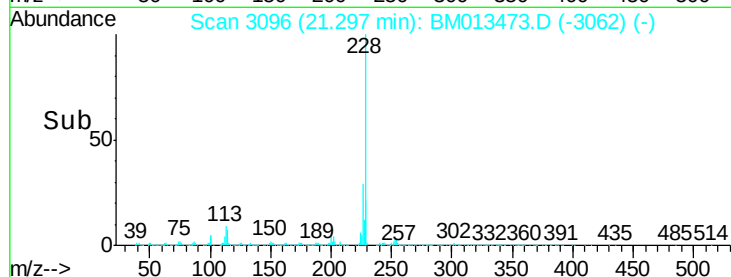
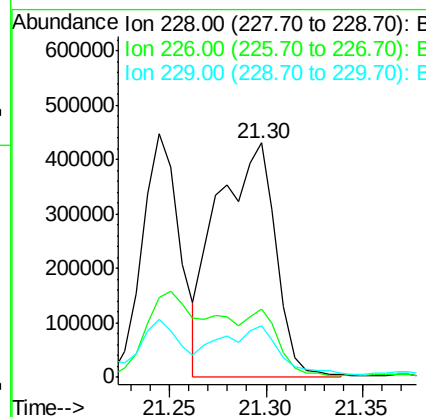
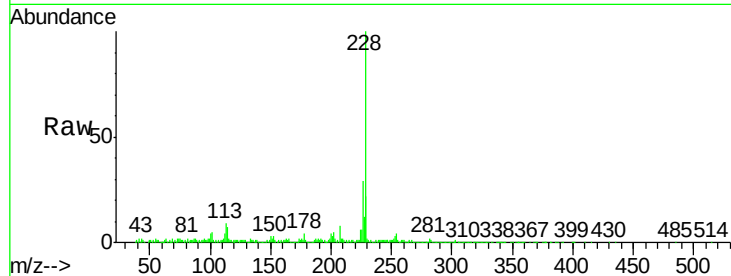
ClientSampled :

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Tgt Ion:	228	Resp:	909922
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.4	35.2
229	22.2	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 27.713 ng/ul

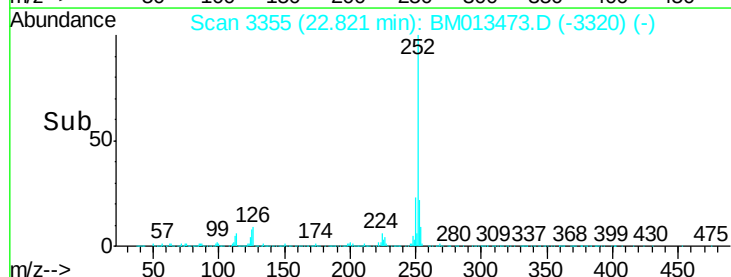
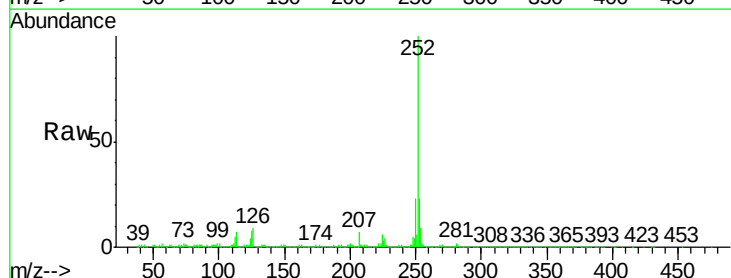
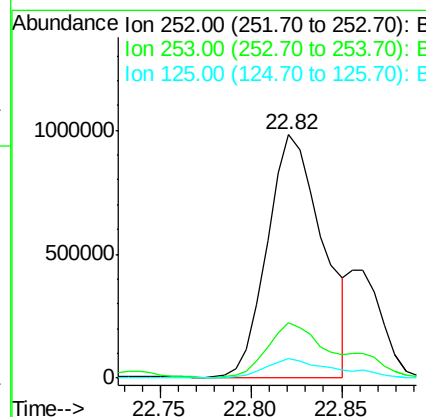
RT: 22.82 min Scan# 3355

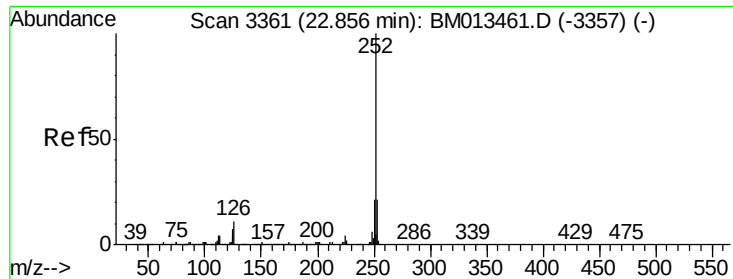
Delta R.T. 0.01 min

Lab File: BM013473.D

Acq: 16 Dec 2017 11:46

Tgt Ion:	252	Resp:	2079680
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.9	26.9
125	8.2	3.6	5.4#





#86

Benzo(k)fluoranthene

Concen: 7.868 ng/ul m

RT: 22.86 min Scan# 3361

Delta R.T. -0.00 min

Lab File: BM013473.D

Acq: 16 Dec 2017 11:46

Instrument :

BNA_M

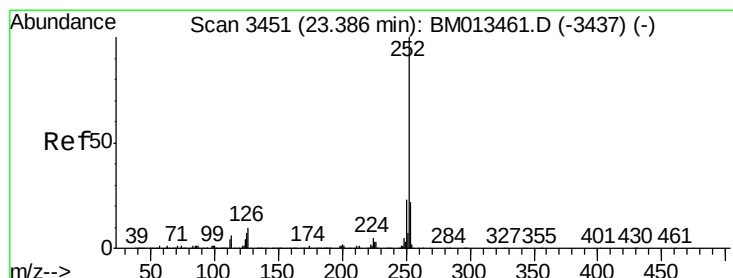
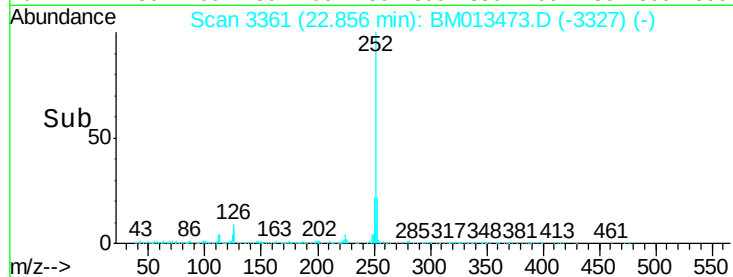
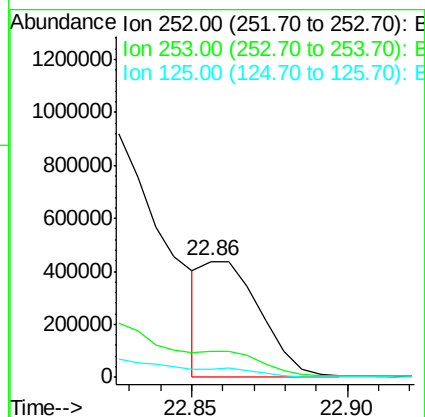
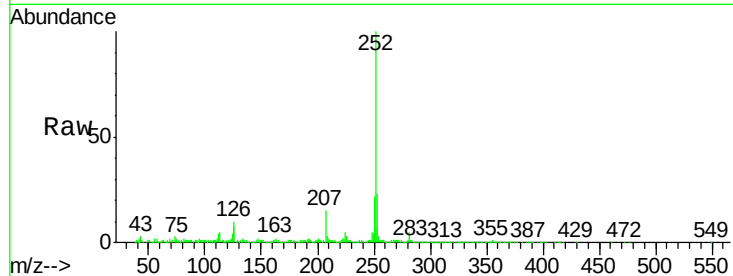
ClientSampled :

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Tgt Ion:	252	Resp:	555616
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.1	25.7
125	6.6	3.4	5.2#

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#88

Benzo(a)pyrene

Concen: 14.085 ng/ul

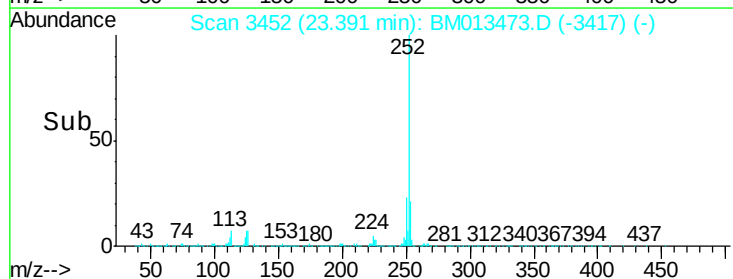
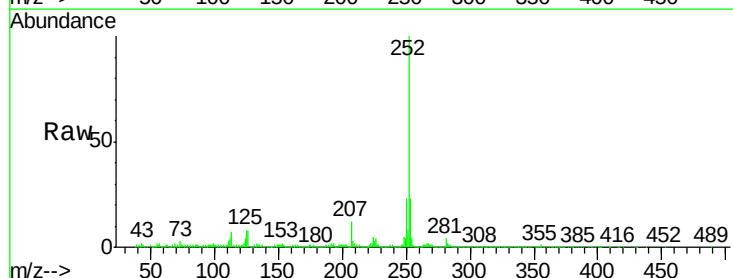
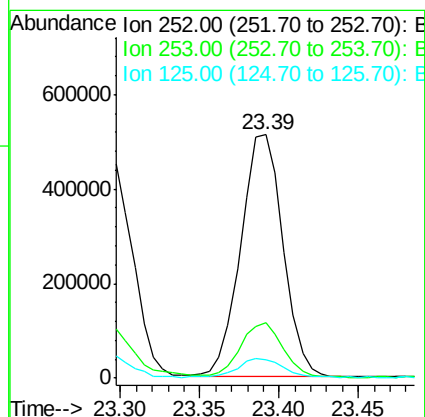
RT: 23.39 min Scan# 3452

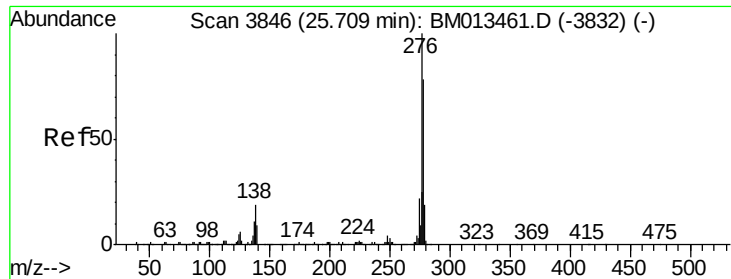
Delta R.T. 0.01 min

Lab File: BM013473.D

Acq: 16 Dec 2017 11:46

Tgt Ion:	252	Resp:	949498
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.2	27.2
125	7.6	4.0	6.0#





#89

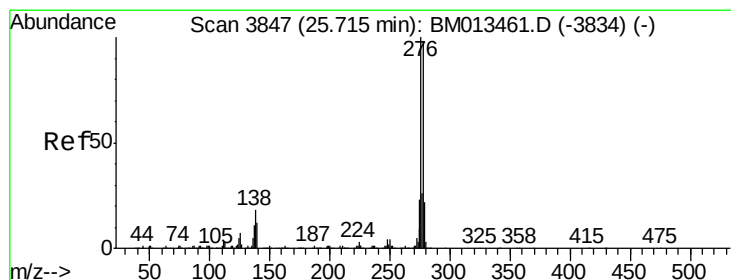
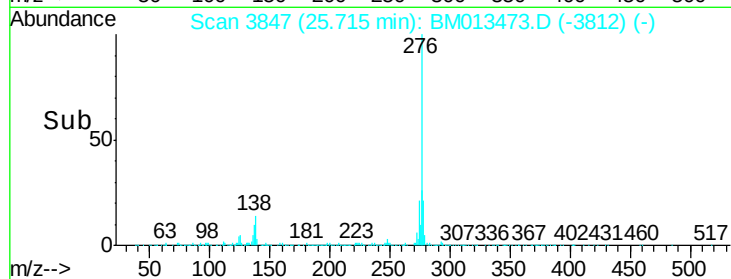
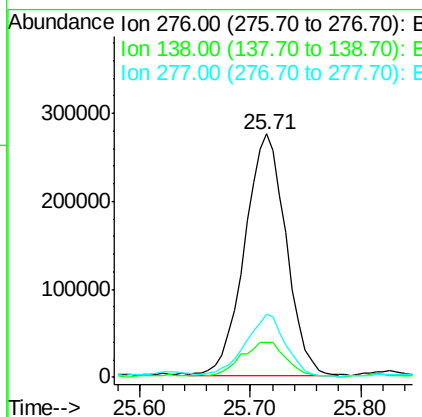
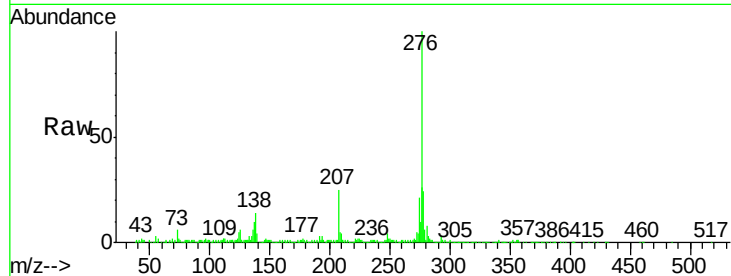
Indeno(1,2,3-cd)pyrene
Concen: 10.843 ng/ul
RT: 25.71 min Scan# 3847
Delta R.T. 0.01 min
Lab File: BM013473.D
Acq: 16 Dec 2017 11:46

Instrument :
BNA_M
ClientSampleId :
F9A67

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.4	9.3	13.9#
277	26.0	19.9	29.9

Manual Integrations
APPROVED

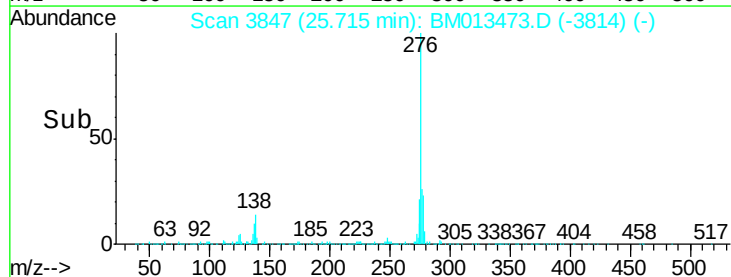
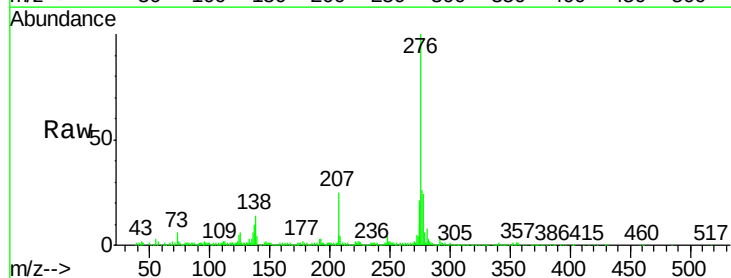
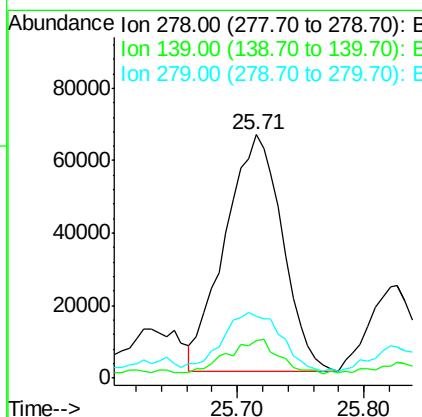
Sohil
12/18/2017 2:10:39 PM

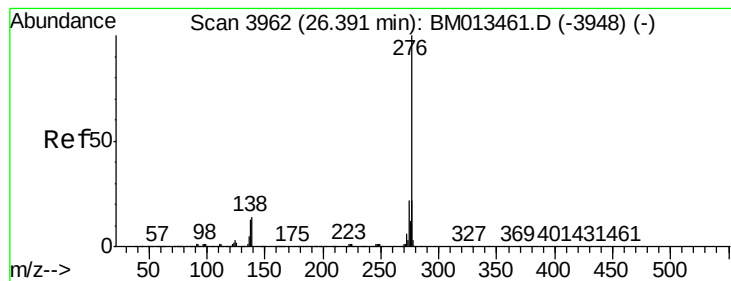


#90

Dibenzo(a,h)anthracene
Concen: 3.617 ng/ul
RT: 25.71 min Scan# 3847
Delta R.T. -0.01 min
Lab File: BM013473.D
Acq: 16 Dec 2017 11:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	5.8	8.8#
279	25.5	18.6	27.8





#91

Benzo(g,h,i)perylene

Concen: 10.169 ng/ul

RT: 26.40 min Scan# 3963

Delta R.T. -0.00 min

Lab File: BM013473.D

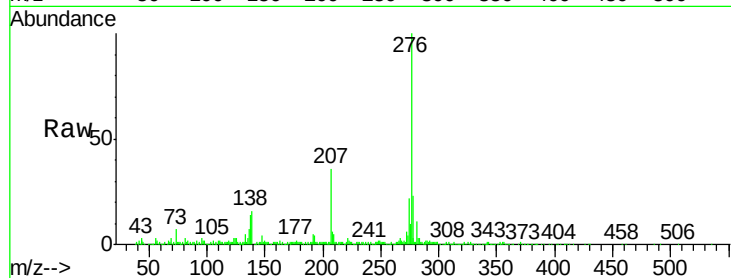
Acq: 16 Dec 2017 11:46

Instrument :

BNA_M

ClientSampleId :

F9A67



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	15.6	8.5	12.7#	
277	23.3	18.6	28.0	

Manual Integrations
APPROVED

Sohil
12/18/2017 2:10:39 PM

