

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
 Data File : BM013481.D
 Acq On : 16 Dec 2017 17:46
 Operator : SJ/JU
 Sample : I6778-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A75

Manual Integrations
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Sohil
 12/18/2017 2:10:53 PM

Quant Time: Dec 18 03:31:41 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 03:13:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	233759	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1036638	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	601578	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1293929	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	984290	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	840300	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	14424	3.06	ng/uL	0.00
5) Phenol-d5	6.85	99	419430	20.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	258996	22.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	343461	21.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	352121	20.38	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	186039	22.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	204868	23.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	368207	20.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	283888	17.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1186019	22.15	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1448409	21.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	150410	16.17	ng/ul	0.00
57) Fluorene-d10	15.32	176	988684	21.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	87945	10.80	ng/ul	0.00
70) Anthracene-d10	17.16	188	1454143	22.44	ng/ul	0.00
76) Pyrene-d10	19.46	212	1352661	27.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	889060	20.77	ng/ul	0.00
Target Compounds						
6) Phenol	6.88	94	43471	2.174	ng/ul#	80
44) Dimethylphthalate	13.78	163	295121	5.764	ng/ul	98
47) Acenaphthylene	14.04	152	550876	9.011	ng/ul	98
69) Phenanthrene	17.11	178	177312	2.412	ng/ul	96
71) Anthracene	17.20	178	446899	5.948	ng/ul	99
74) Fluoranthene	19.13	202	1055105	11.712	ng/ul#	92
77) Pyrene	19.49	202	1321254	22.095	ng/ul#	89
80) Benzo(a)anthracene	21.24	228	752263m	12.046	ng/ul	
82) Chrysene	21.30	228	863440	14.903	ng/ul	97
85) Benzo(b)fluoranthene	22.82	252	1615732	28.523	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	437037m	8.198	ng/ul	
88) Benzo(a)pyrene	23.39	252	971712	19.096	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.71	276	738906	14.635	ng/ul	97
90) Dibenzo(a,h)anthracene	25.71	278	220230	5.123	ng/ul#	81
91) Benzo(g,h,i)perylene	26.40	276	614284	15.424	ng/ul#	91

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

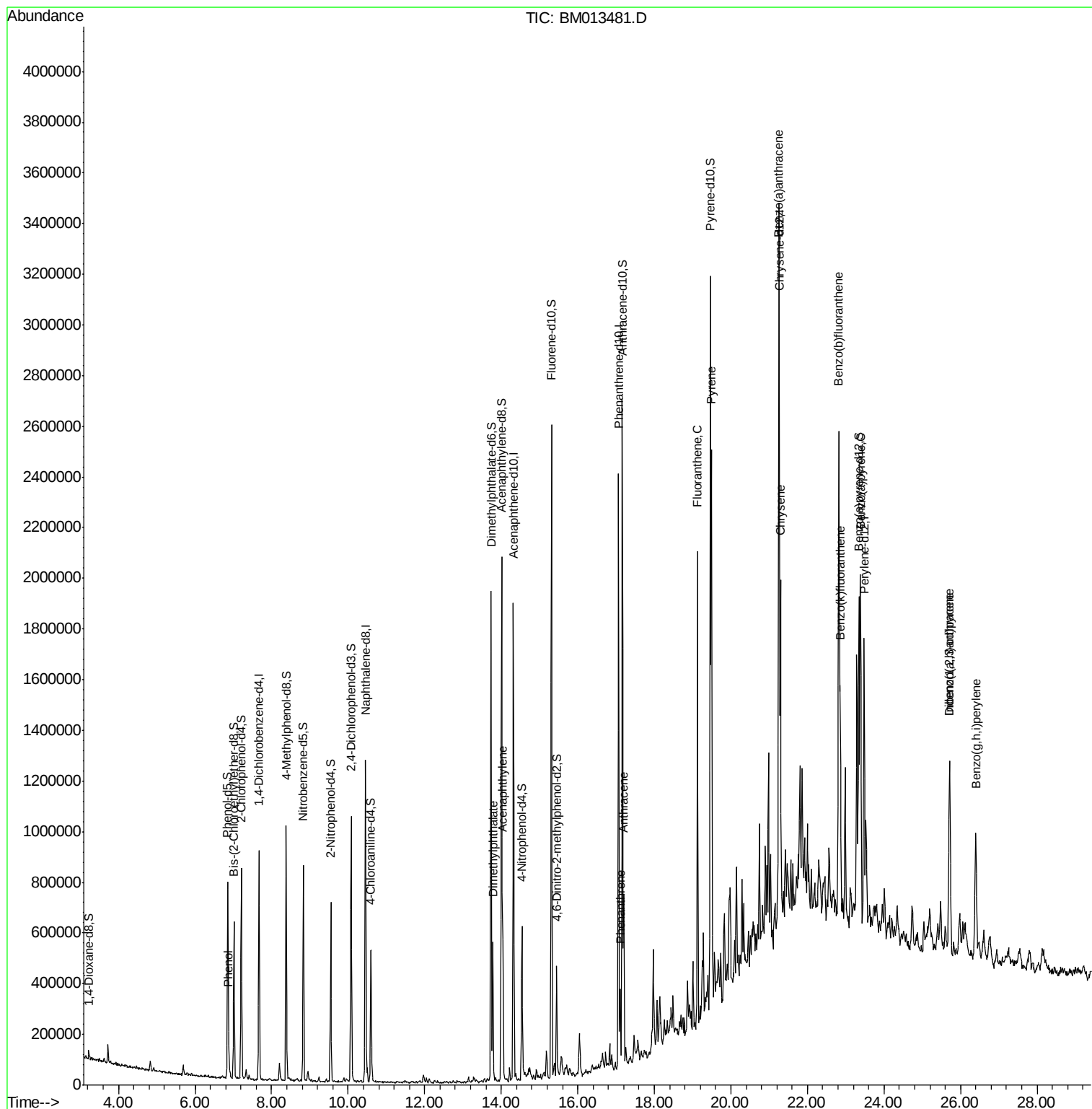
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013481.D
Acq On : 16 Dec 2017 17:46
Operator : SJ/JU
Sample : I6778-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

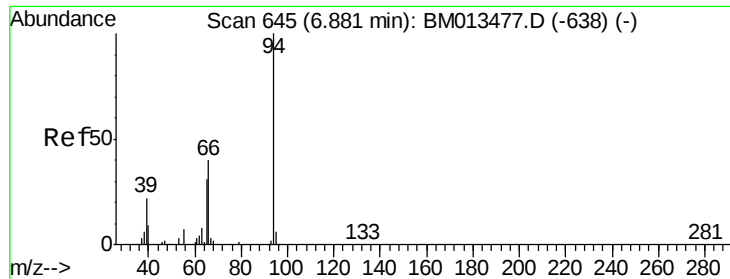
Instrument :
BNA_M
ClientSampled :
F9A75

Quant Time: Dec 18 03:31:41 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 18 03:13:05 2017
Response via : Initial Calibration

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#6

Phenol

Concen: 2.174 ng/ul

RT: 6.88 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM013481.D

Acq: 16 Dec 2017 17:46

Instrument :

BNA_M

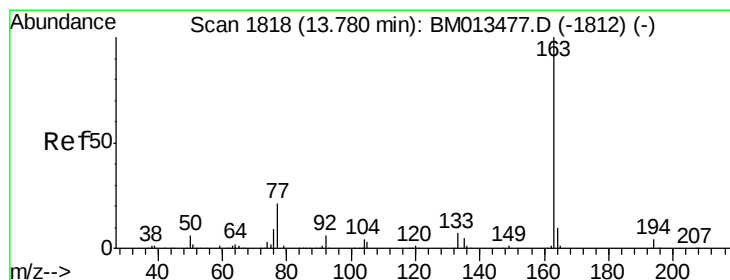
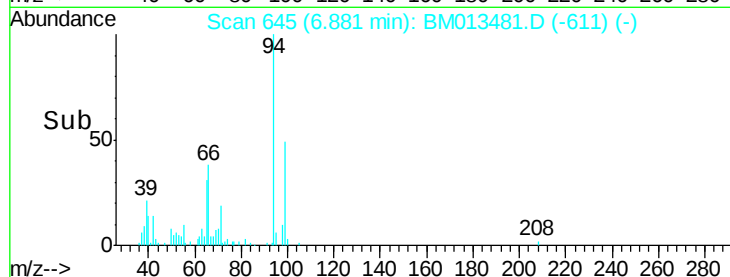
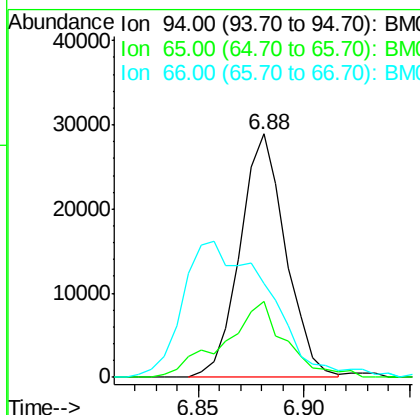
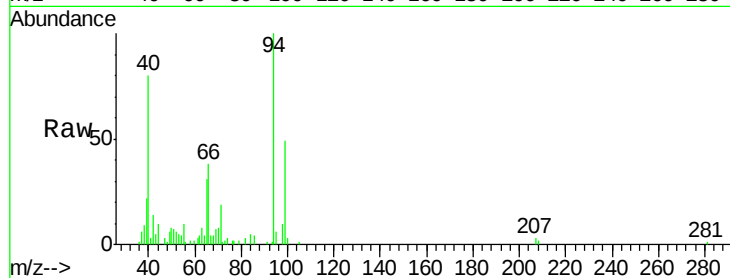
ClientSampleId :

F9A75

Tgt Ion:	94	Resp:	43471
Ion	Ratio	Lower	Upper
94	100		
65	31.4	28.2	42.4
66	38.5	47.2	70.8#

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#44

Dimethylphthalate

Concen: 5.764 ng/ul

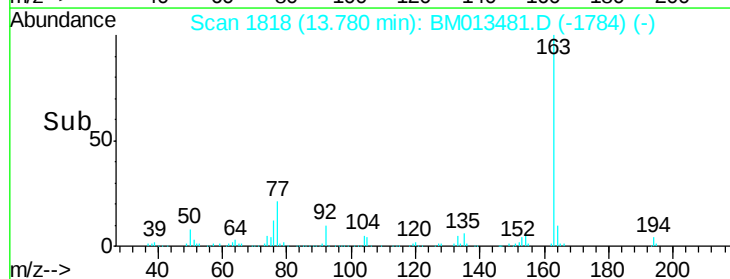
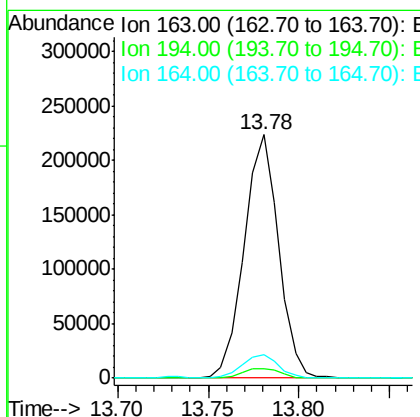
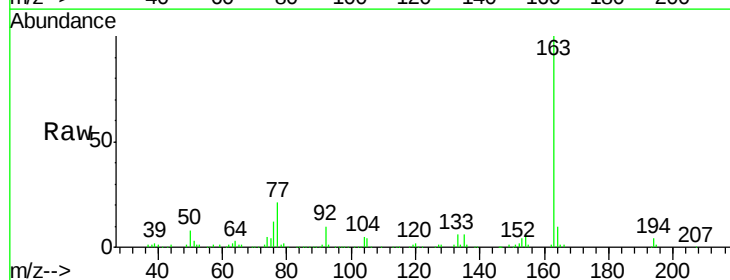
RT: 13.78 min Scan# 1818

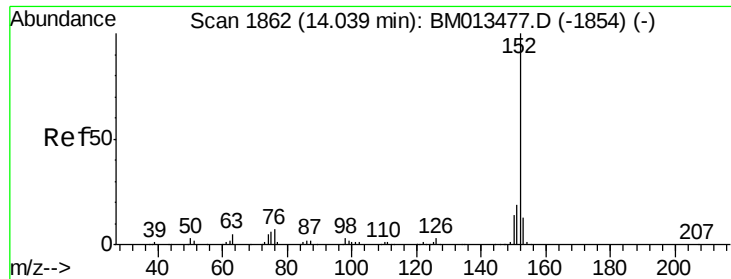
Delta R.T. -0.00 min

Lab File: BM013481.D

Acq: 16 Dec 2017 17:46

Tgt Ion:	163	Resp:	295121
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	9.8	8.2	12.4





#47

Acenaphthylene

Concen: 9.011 ng/ul

RT: 14.04 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BM013481.D

Acq: 16 Dec 2017 17:46

Instrument :

BNA_M

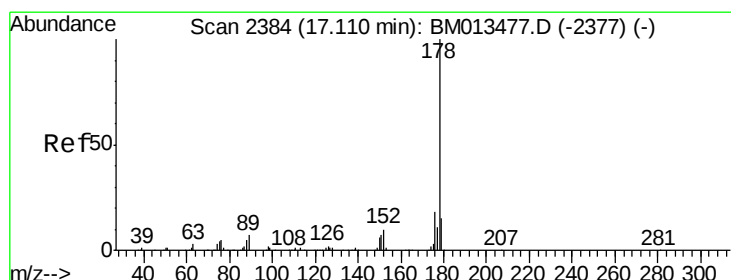
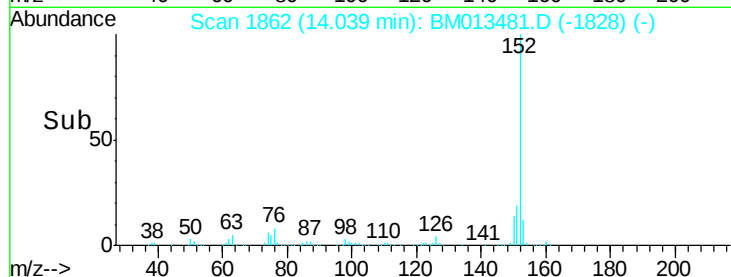
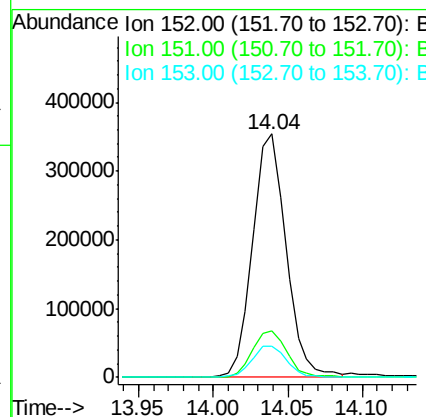
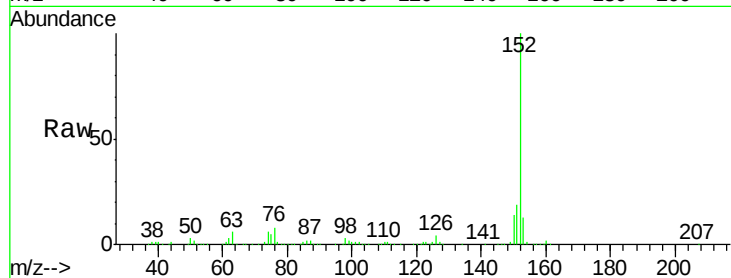
ClientSampleId :

F9A75

Tgt Ion:	152	Resp:	550876
Ion Ratio	Lower	Upper	
152	100		
151	18.9	16.3	24.5
153	12.6	10.2	15.4

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#69

Phenanthrene

Concen: 2.412 ng/ul

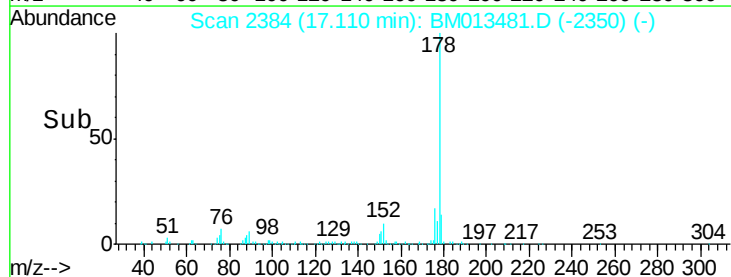
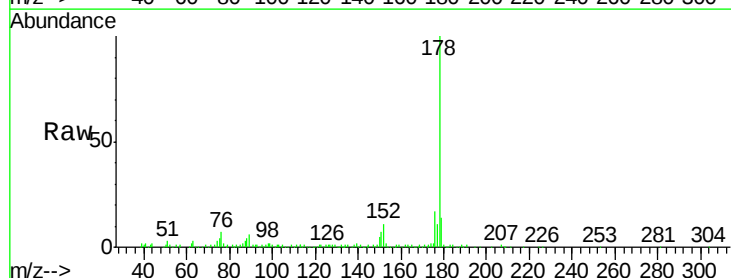
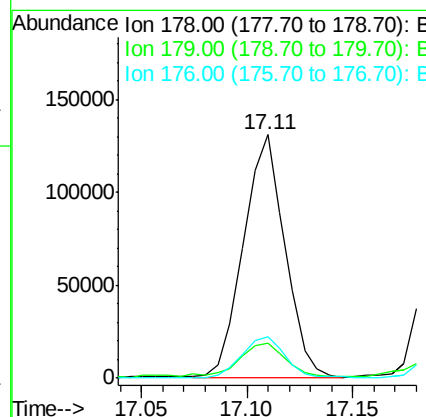
RT: 17.11 min Scan# 2384

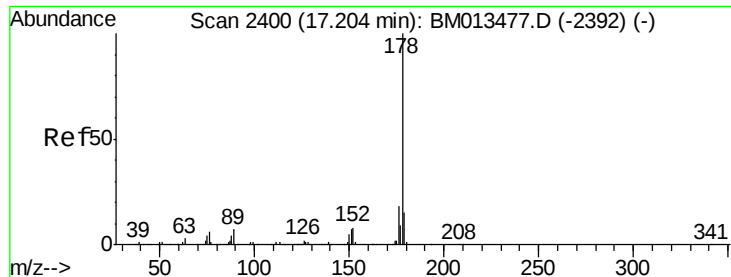
Delta R.T. -0.00 min

Lab File: BM013481.D

Acq: 16 Dec 2017 17:46

Tgt Ion:	178	Resp:	177312
Ion Ratio	Lower	Upper	
178	100		
179	14.2	12.6	19.0
176	16.9	14.9	22.3





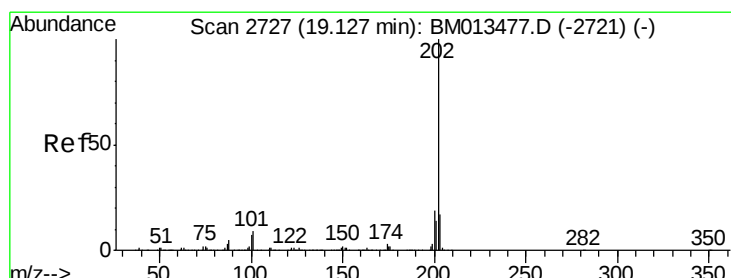
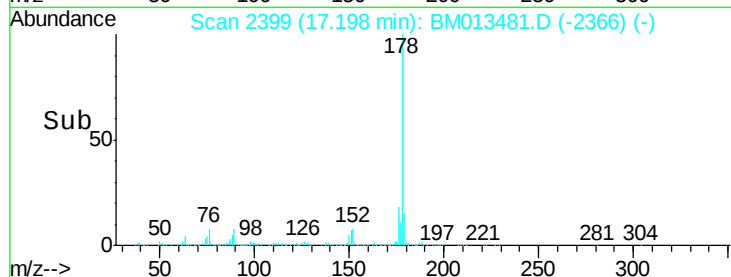
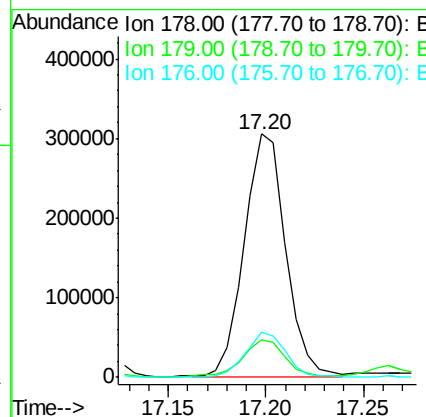
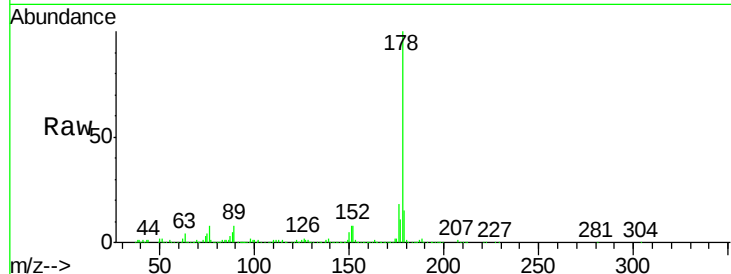
#71
 Anthracene
 Concen: 5.948 ng/ul
 RT: 17.20 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BM013481.D
 Acq: 16 Dec 2017 17:46

Instrument :
 BNA_M
 ClientSampleId :
 F9A75

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.7	17.5
176	18.5	14.6	21.8

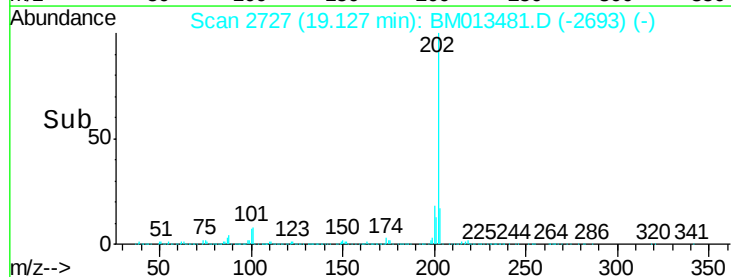
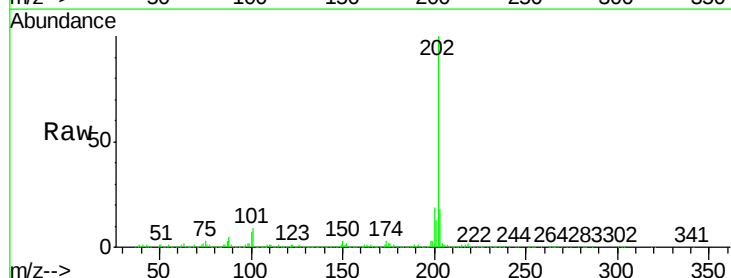
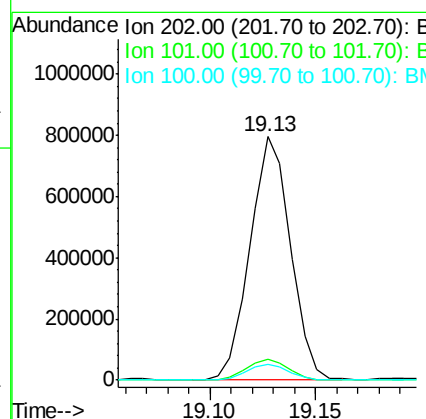
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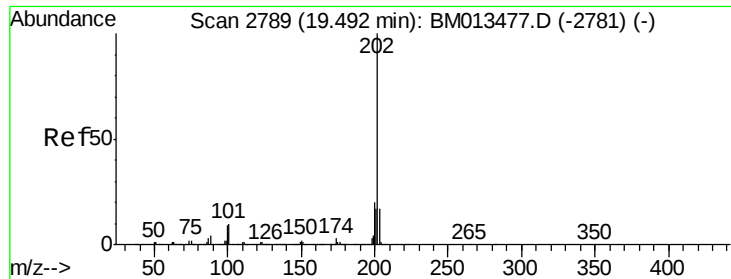
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#74
 Fluoranthene
 Concen: 11.712 ng/ul
 RT: 19.13 min Scan# 2727
 Delta R.T. -0.00 min
 Lab File: BM013481.D
 Acq: 16 Dec 2017 17:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	4.6	7.0#
100	6.7	3.4	5.2#





#77

Pyrene

Concen: 22.095 ng/ul

RT: 19.49 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BM013481.D

Acq: 16 Dec 2017 17:46

Instrument :

BNA_M

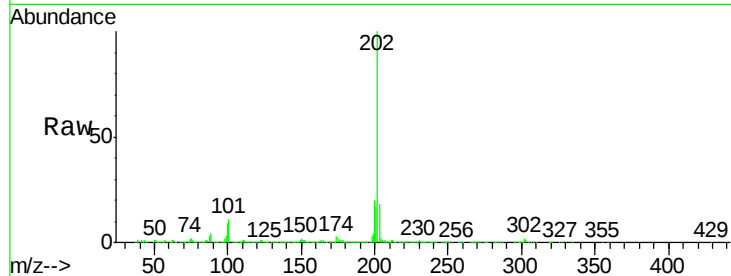
ClientSampleId :

F9A75

Tgt Ion:	202	Resp:	1321254
Ion Ratio	Lower	Upper	
202	100		
101	10.9	5.1	7.7#
100	8.9	4.9	7.3#

Manual Integrations
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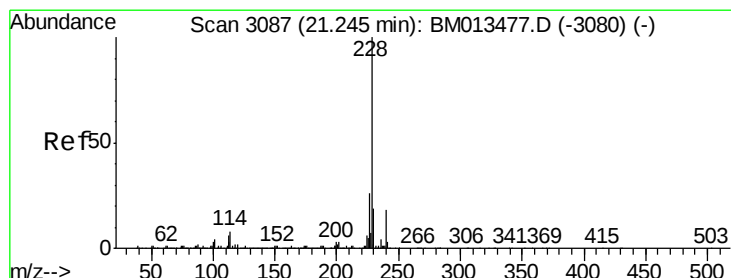
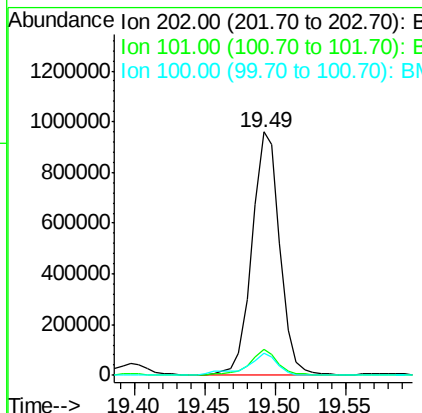
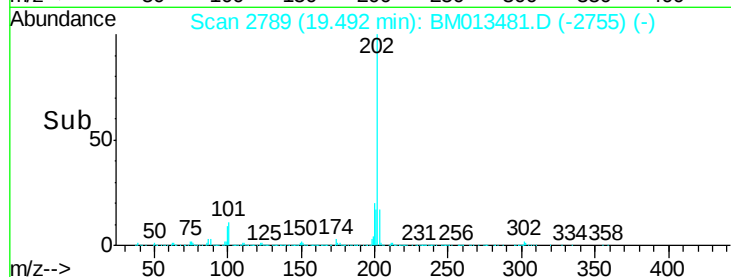
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 12.046 ng/ul m

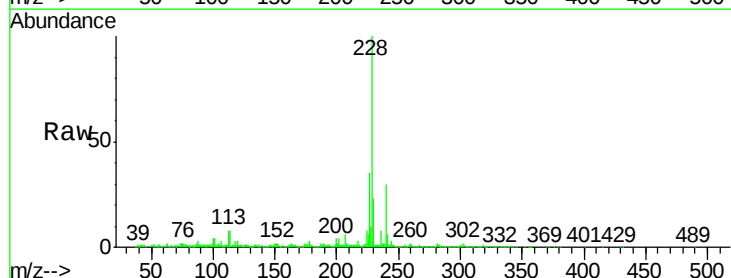
RT: 21.24 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BM013481.D

Acq: 16 Dec 2017 17:46

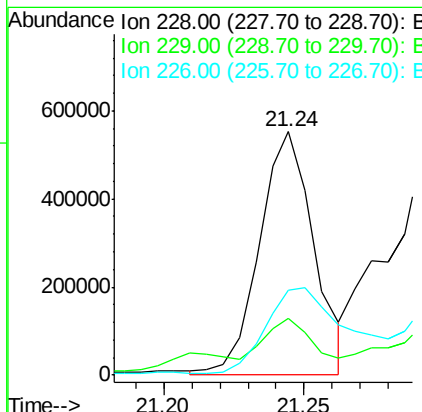
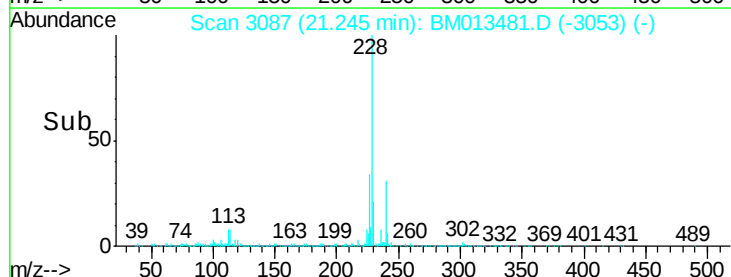
Tgt Ion:	228	Resp:	752263
Ion Ratio	Lower	Upper	
228	100		
229	23.1	15.4	23.0#
226	34.7	21.4	32.0#

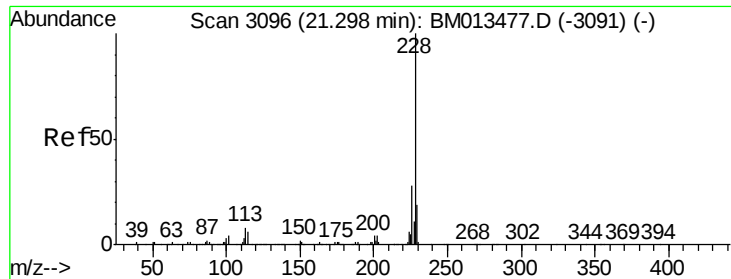


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 14.903 ng/ul

RT: 21.30 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM013481.D

Acq: 16 Dec 2017 17:46

Instrument :

BNA_M

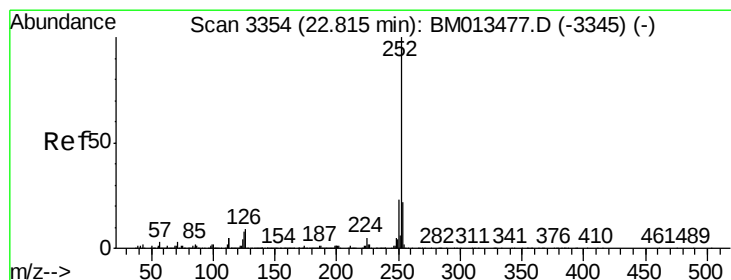
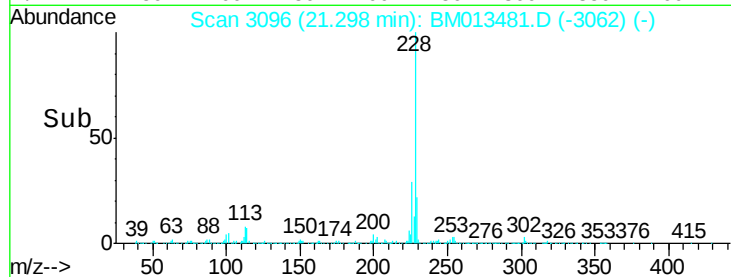
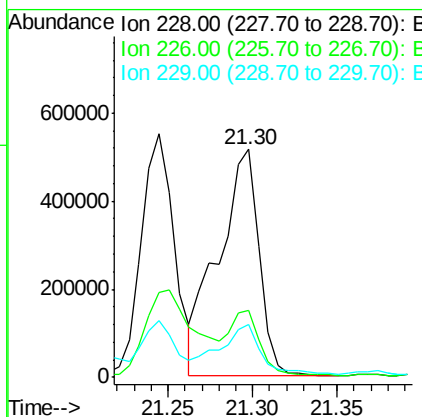
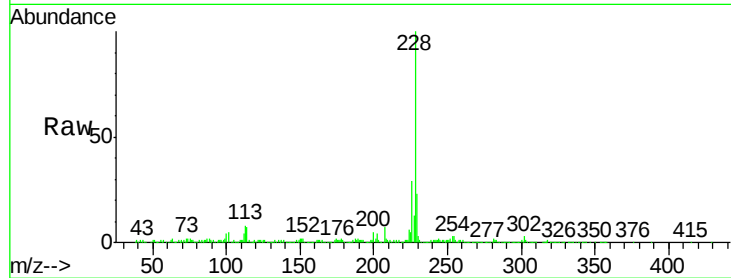
ClientSampled :

F9A75

Tgt Ion:	228	Resp:	863440
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.4	35.2
229	22.9	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 28.523 ng/ul

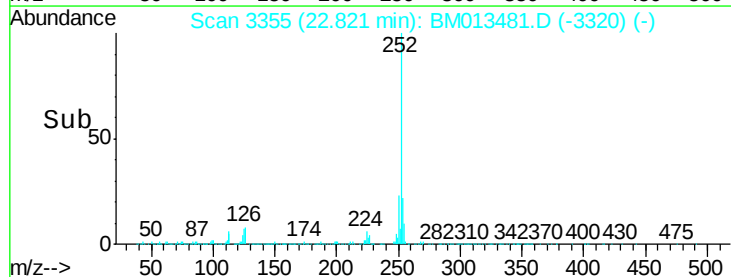
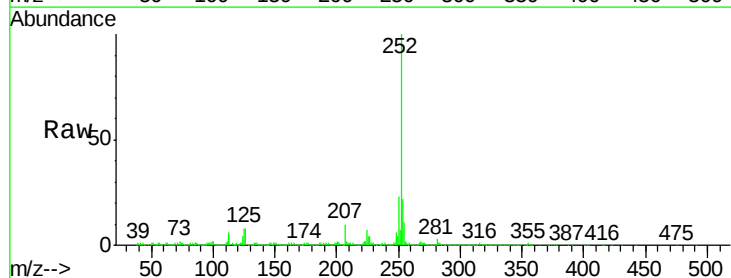
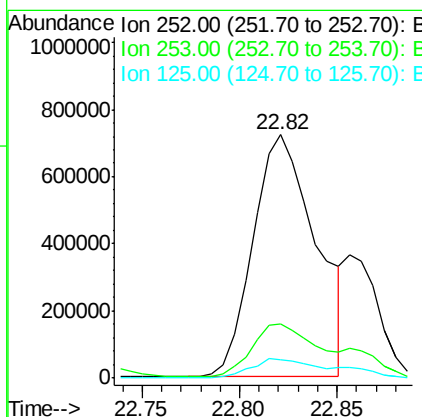
RT: 22.82 min Scan# 3355

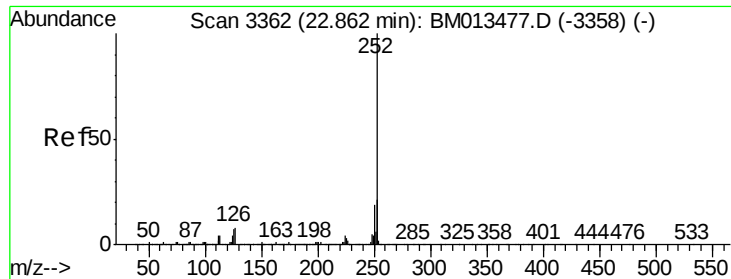
Delta R.T. 0.01 min

Lab File: BM013481.D

Acq: 16 Dec 2017 17:46

Tgt Ion:	252	Resp:	1615732
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.9	26.9
125	7.7	3.6	5.4#





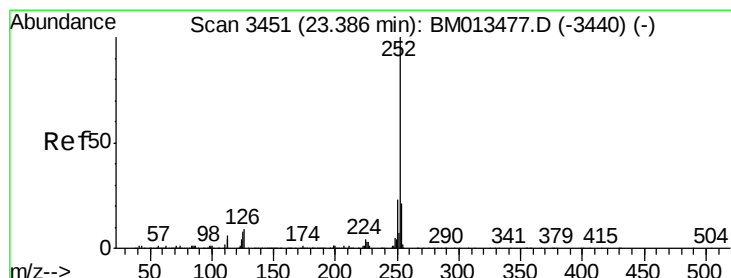
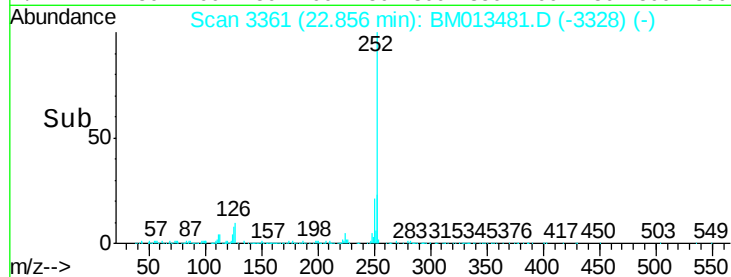
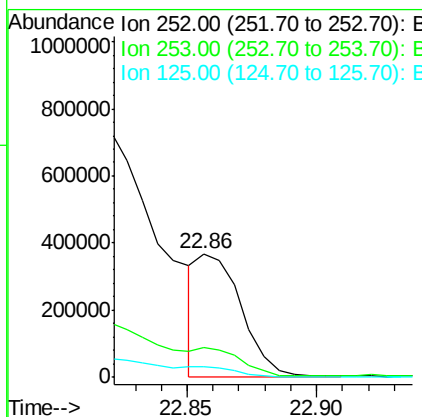
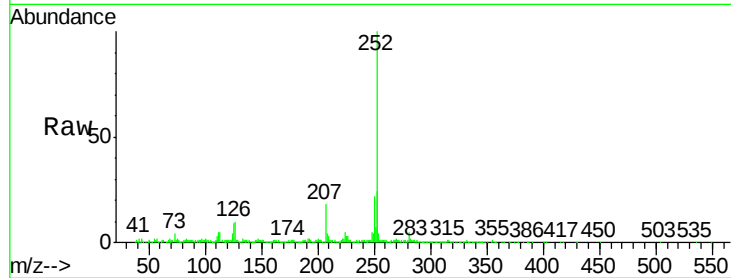
#86
Benzo(k)fluoranthene
Concen: 8.198 ng/ul m
RT: 22.86 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BM013481.D
Acq: 16 Dec 2017 17:46

Instrument :
BNA_M
ClientSampled :
F9A75

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	8.8	3.4	5.2

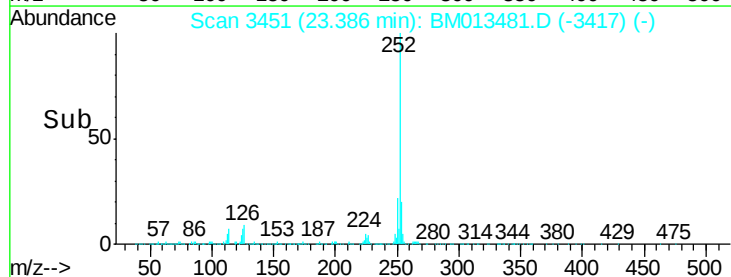
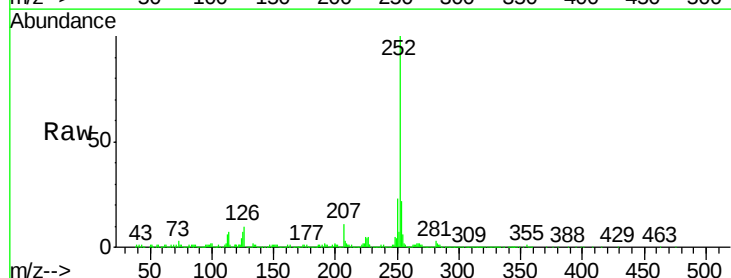
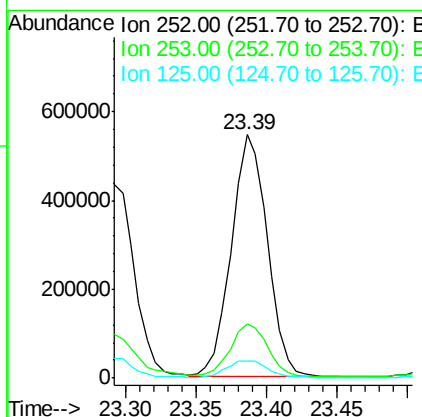
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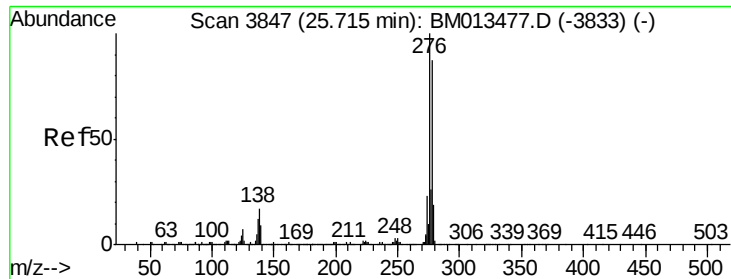
Sohil
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#88
Benzo(a)pyrene
Concen: 19.096 ng/ul
RT: 23.39 min Scan# 3451
Delta R.T. -0.00 min
Lab File: BM013481.D
Acq: 16 Dec 2017 17:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	6.9	4.0	6.0





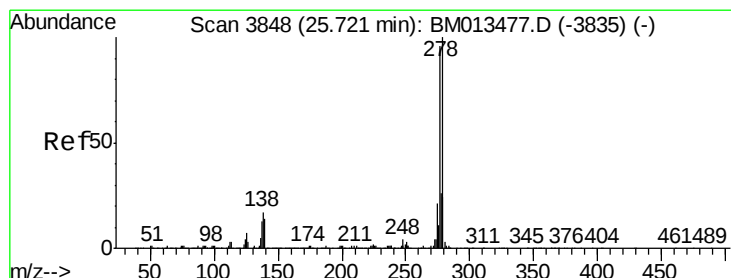
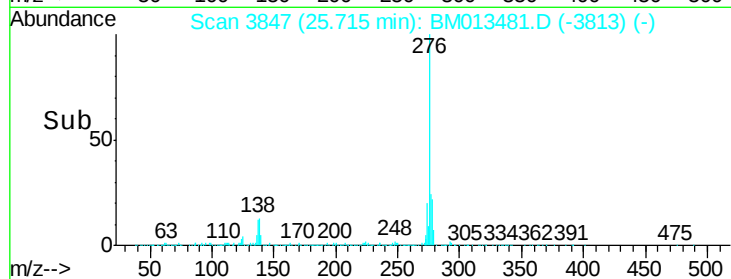
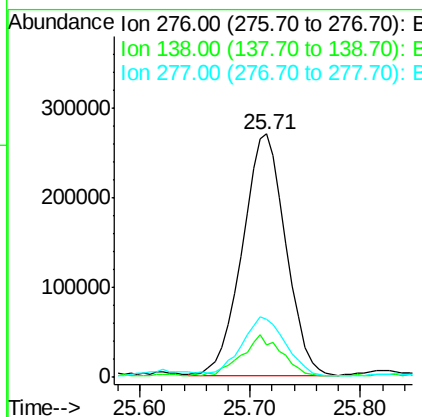
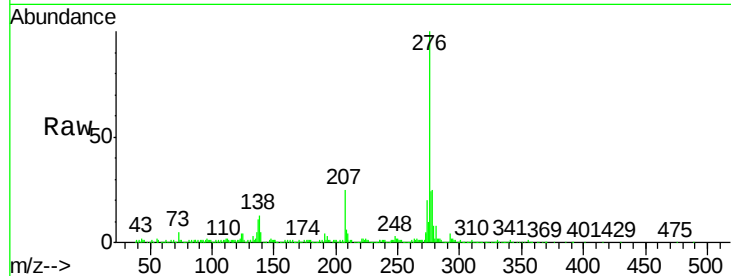
#89
Indeno(1,2,3-cd)pyrene
Concen: 14.635 ng/ul
RT: 25.71 min Scan# 3847
Delta R.T. -0.00 min
Lab File: BM013481.D
Acq: 16 Dec 2017 17:46

Instrument :
BNA_M
ClientSampleId :
F9A75

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	13.1	9.3	13.9
277	23.9	19.9	29.9

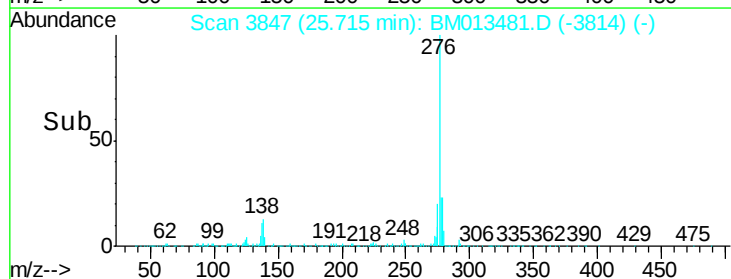
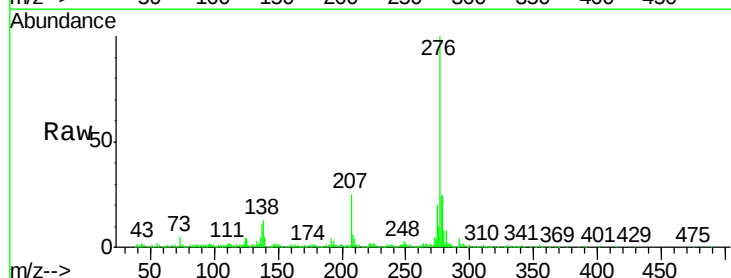
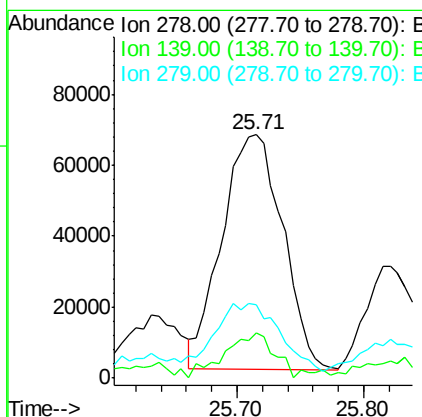
Manual Integrations
APPROVED

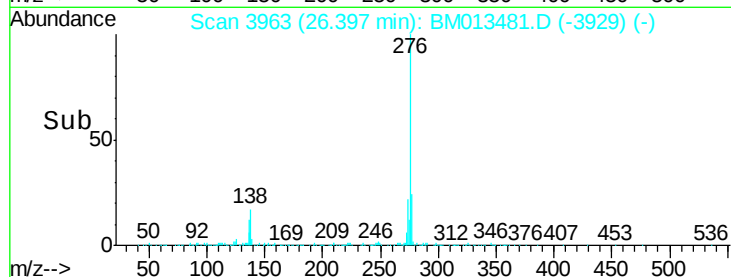
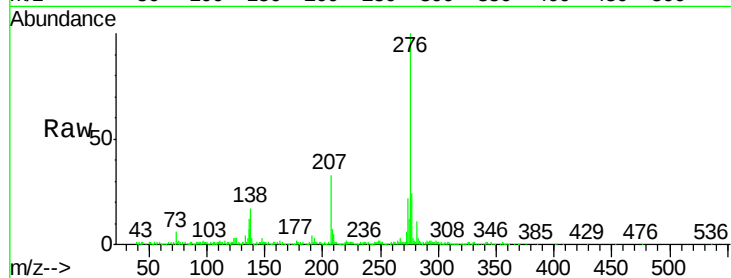
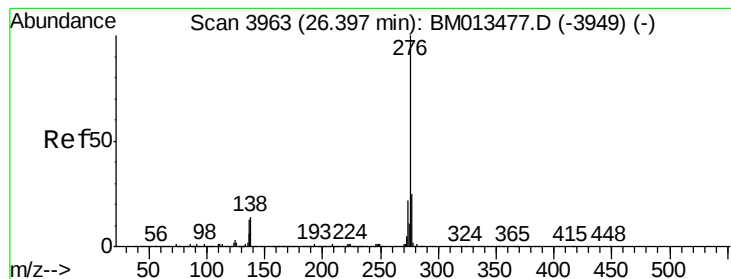
Sohil
12/18/2017 2:10:53 PM



#90
Dibenzo(a,h)anthracene
Concen: 5.123 ng/ul
RT: 25.71 min Scan# 3847
Delta R.T. -0.01 min
Lab File: BM013481.D
Acq: 16 Dec 2017 17:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	18.6	5.8	8.8#
279	30.2	18.6	27.8#





#91

Benzo(g,h,i)perylene

Concen: 15.424 ng/ul

RT: 26.40 min Scan# 3963

Delta R.T. -0.00 min

Lab File: BM013481.D

Acq: 16 Dec 2017 17:46

Tgt Ion:	276	Resp:	614284
Ion Ratio	Lower	Upper	
276	100		
138	19.9	8.5	12.7#
277	24.3	18.6	28.0

Instrument :

BNA_M

ClientSampleId :

F9A75

Manual Integrations
APPROVED

Sohil
12/18/2017 2:10:53 PM

