

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012481.D
 Acq On : 27 Oct 2017 11:56
 Operator : SJ/JU
 Sample : I5873-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-13(0-1) 101117

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:30:00 PM

Quant Time: Oct 28 00:58:05 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:35:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	527054	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1973675	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.50	164	1085817	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	2246163	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2332398	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	2635984	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	54027	5.24	ng/uL	0.00
5) Phenol-d5	7.04	99	855015	19.42	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.20	67	645208	24.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	462858	14.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	702553	18.67	ng/ul	-0.01
19) Nitrobenzene-d5	9.03	128	384128	31.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	154046	12.10	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.29	165	235602	6.98	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.80	131	669696	18.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	2396786	25.27	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	2872895	25.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	3077	0.22	ng/ul	0.00
57) Fluorene-d10	15.49	176	1991341	24.80	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.60	200	6478	0.60	ng/ul	-0.02
70) Anthracene-d10	17.34	188	2836942	26.50	ng/ul	-0.01
76) Pyrene-d10	19.63	212	3030528	28.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	3346729	26.72	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	7.02	77	36651	1.531	ng/ul#	71
6) Phenol	7.07	94	169778	3.703	ng/ul#	85
44) Dimethylphthalate	13.96	163	2377058	25.334	ng/ul	100
69) Phenanthrene	17.29	178	1534400	12.632	ng/ul	99
71) Anthracene	17.37	178	300748	2.396	ng/ul	96
72) Carbazole	17.65	167	157708	1.516	ng/ul	97
74) Fluoranthene	19.30	202	2403268	17.461	ng/ul#	93
77) Pyrene	19.66	202	2018787	15.220	ng/ul#	92
78) Butylbenzylphthalate	20.55	149	148798	2.847	ng/ul	98
80) Benzo(a)anthracene	21.40	228	1094402	7.836	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.33	149	5232468	65.813	ng/ul	98
82) Chrysene	21.45	228	1151585	9.273	ng/ul	96
85) Benzo(b)fluoranthene	23.03	252	1637566	10.050	ng/ul#	89
86) Benzo(k)fluoranthene	23.06	252	434145m	2.831	ng/ul	
88) Benzo(a)pyrene	23.62	252	1020909	6.571	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.06	276	806195	4.409	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.06	278	211290	1.363	ng/ul#	70
91) Benzo(g,h,i)perylene	26.77	276	605846	4.088	ng/ul#	88

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

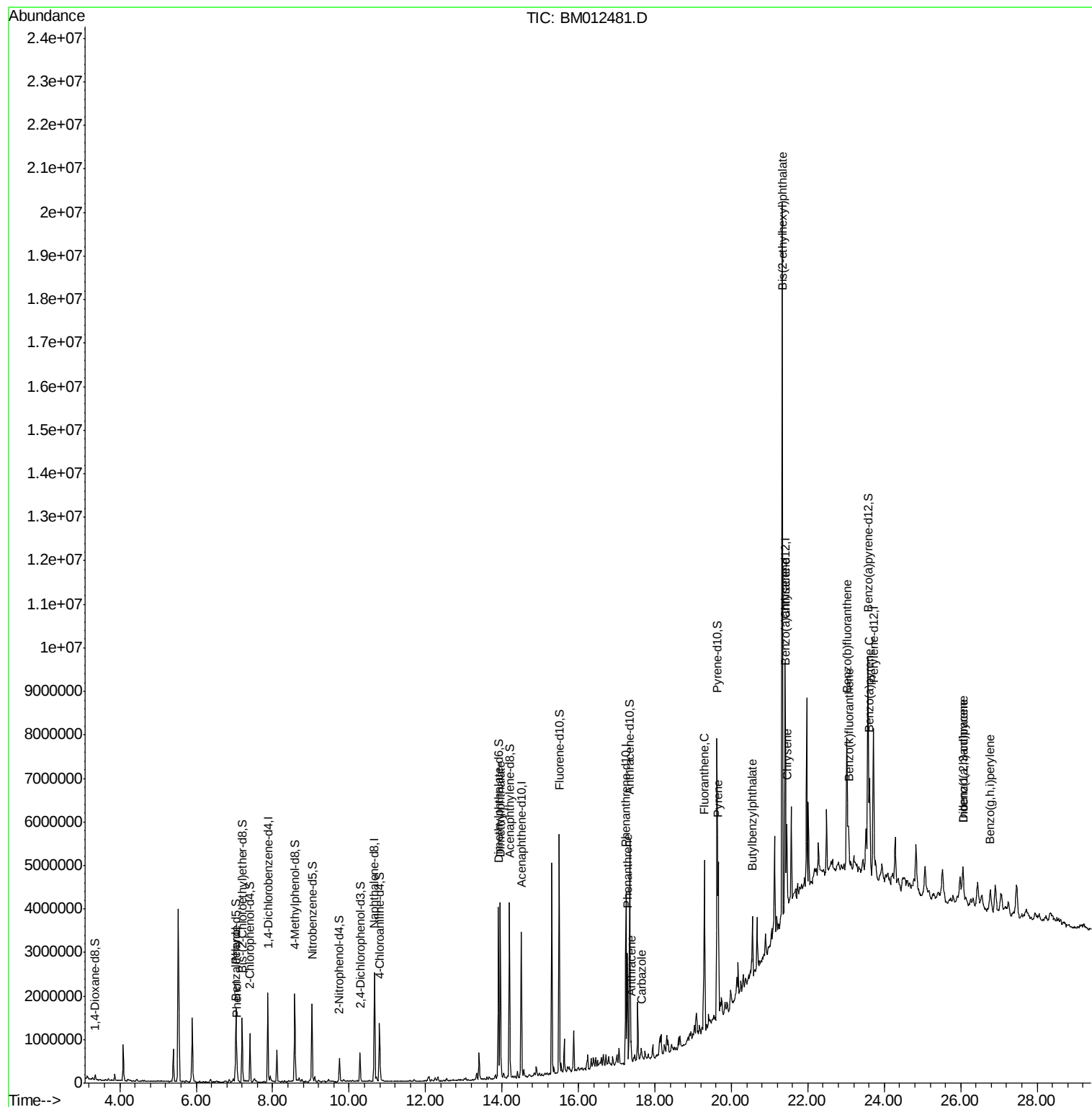
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012481.D
Acq On : 27 Oct 2017 11:56
Operator : SJ/JU
Sample : I5873-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

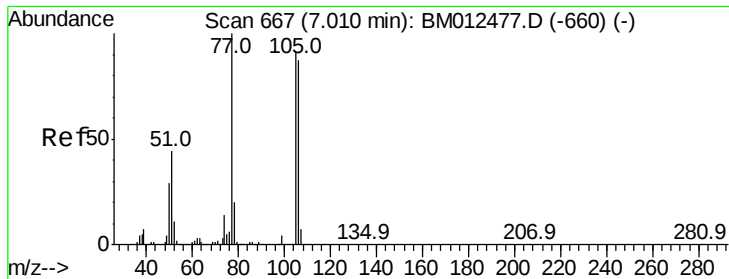
Instrument :
BNA_M
ClientSampleId :
B-13(0-1) 101117

Quant Time: Oct 28 00:58:05 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration

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#4

Benzaldehyde

Concen: 1.531 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. 0.00 min

Lab File: BM012481.D

Acq: 27 Oct 2017 11:56

Instrument :

BNA_M

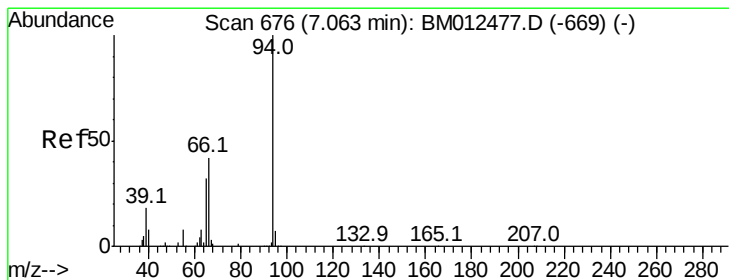
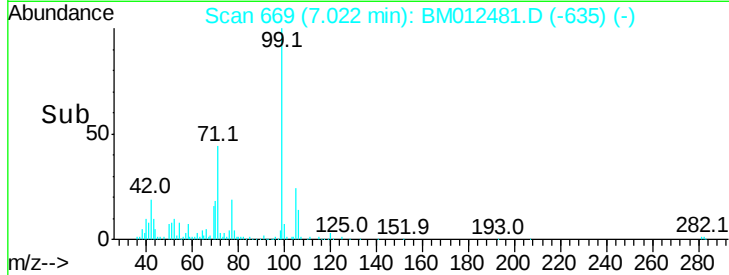
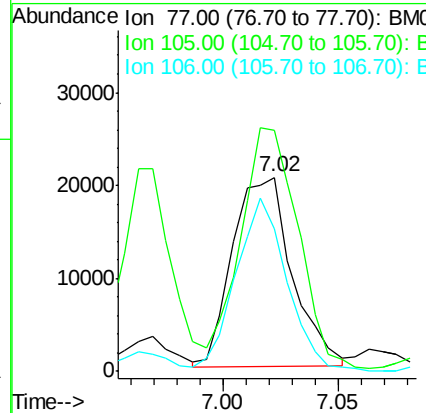
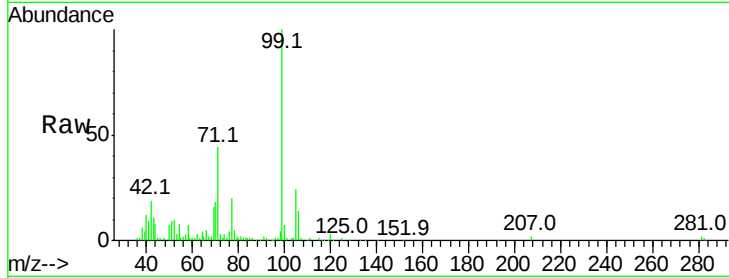
ClientSampleId :

B-13(0-1) 101117

Tot Ion	Ratio	Lower	Upper
77	100		
105	124.2	66.1	99.1#
106	73.5	67.8	101.6

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#6

Phenol

Concen: 3.703 ng/ul

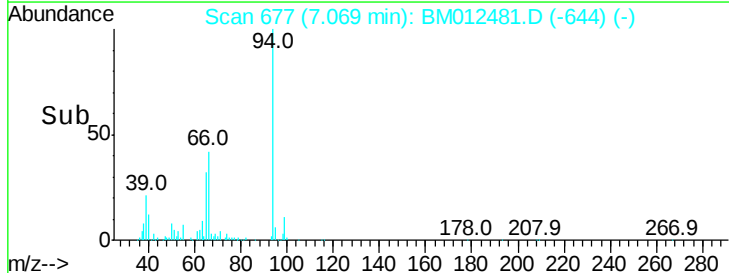
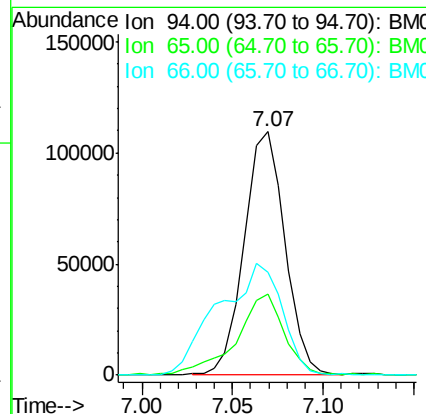
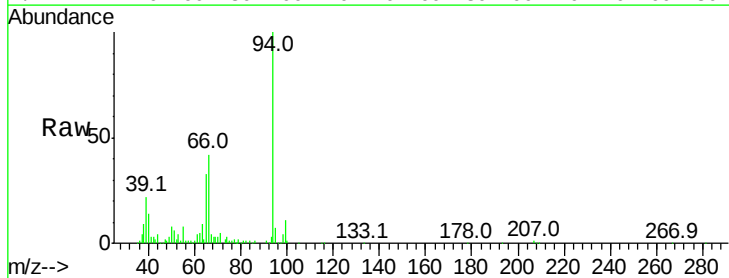
RT: 7.07 min Scan# 677

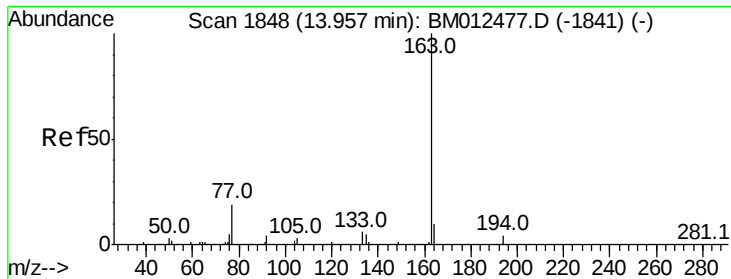
Delta R.T. -0.01 min

Lab File: BM012481.D

Acq: 27 Oct 2017 11:56

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.2	28.2	42.4
66	42.5	47.2	70.8#





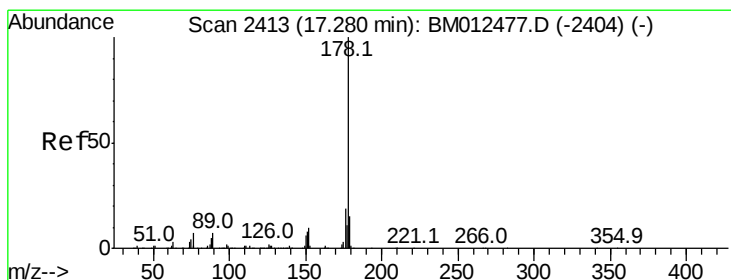
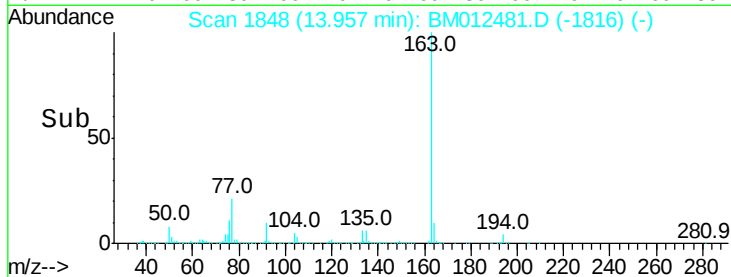
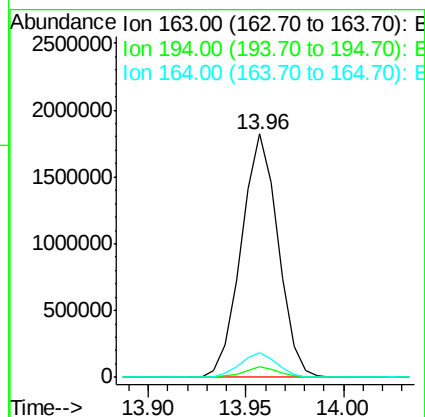
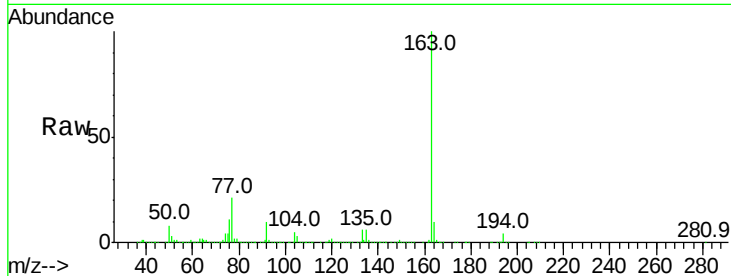
#44
Dimethylphthalate
Concen: 25.334 ng/ul
RT: 13.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM012481.D
Acq: 27 Oct 2017 11:56

Instrument :
BNA_M
ClientSampleId :
B-13(0-1)_101117

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.1	8.2	12.4

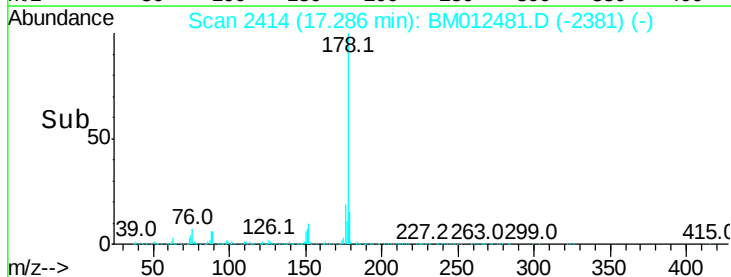
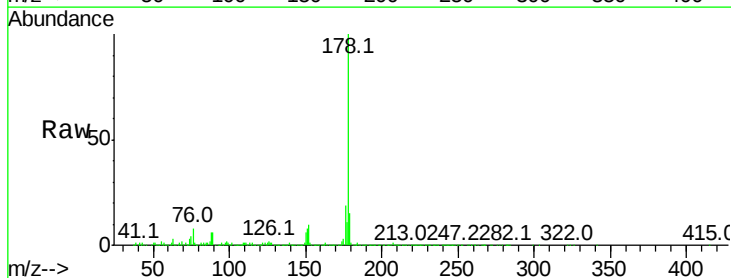
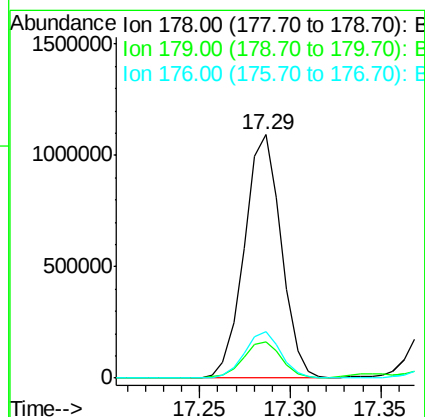
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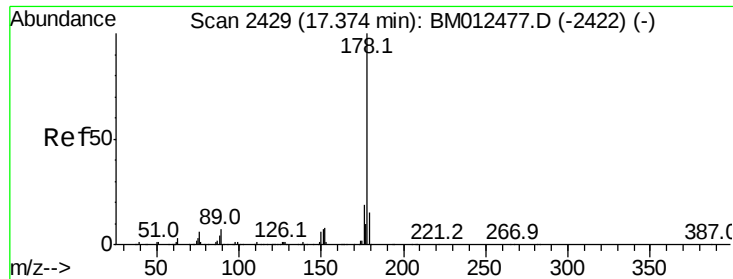
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#69
Phenanthrene
Concen: 12.632 ng/ul
RT: 17.29 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM012481.D
Acq: 27 Oct 2017 11:56

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	18.9	14.9	22.3





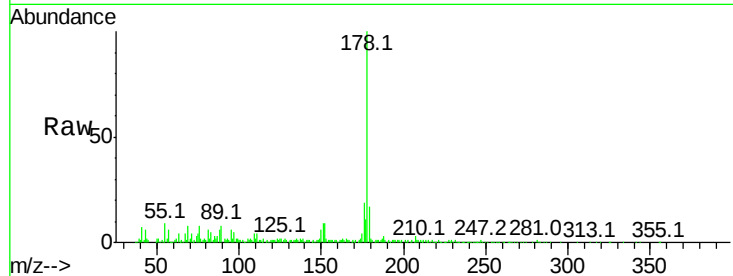
#71
 Anthracene
 Concen: 2.396 ng/ul
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BM012481.D
 Acq: 27 Oct 2017 11:56

Instrument :
 BNA_M
 ClientSampleId :
 B-13(0-1)_101117

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.8	11.7	17.5
176	19.3	14.6	21.8

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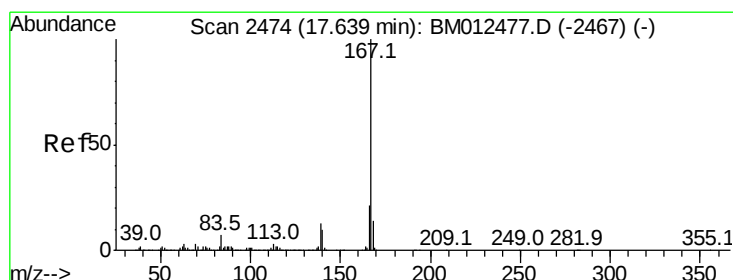
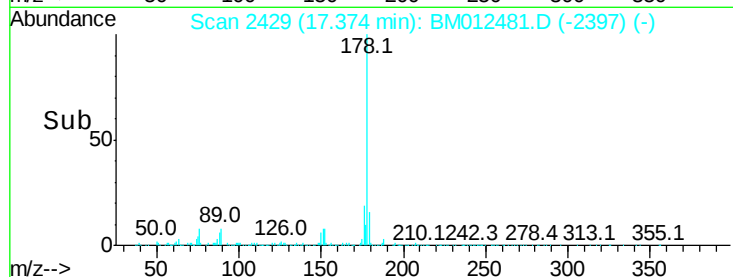
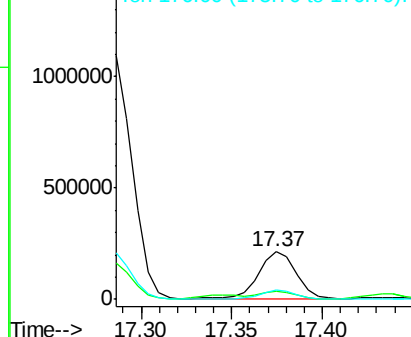


Abundance

Ion 178.00 (177.70 to 178.70): E

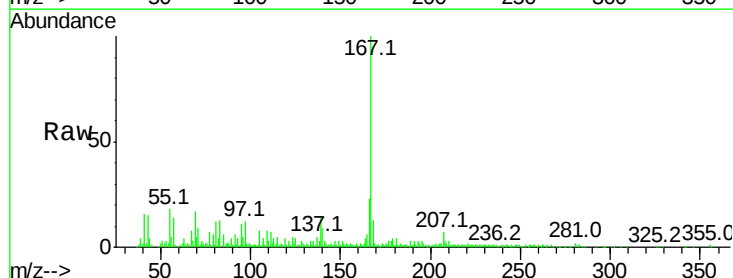
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72
 Carbazole
 Concen: 1.516 ng/ul
 RT: 17.65 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BM012481.D
 Acq: 27 Oct 2017 11:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.1	25.7
139	14.2	10.0	15.0

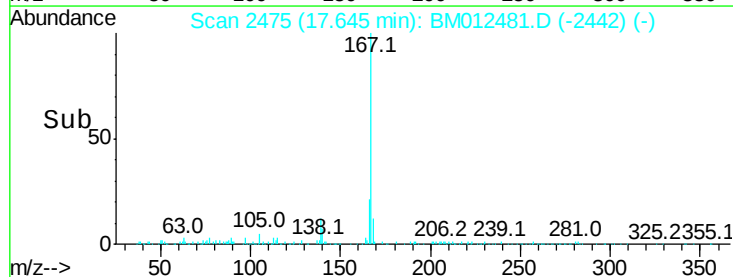
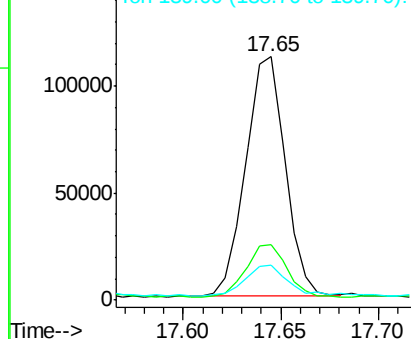


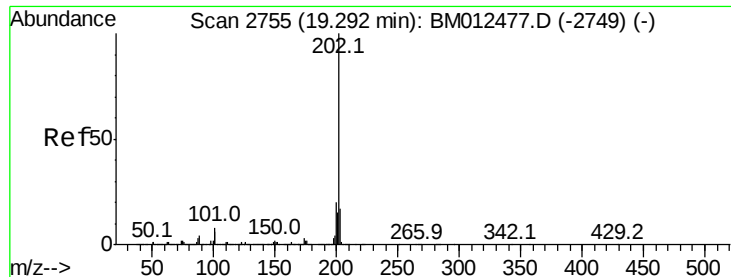
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 17.461 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM012481.D

Acq: 27 Oct 2017 11:56

Instrument :

BNA_M

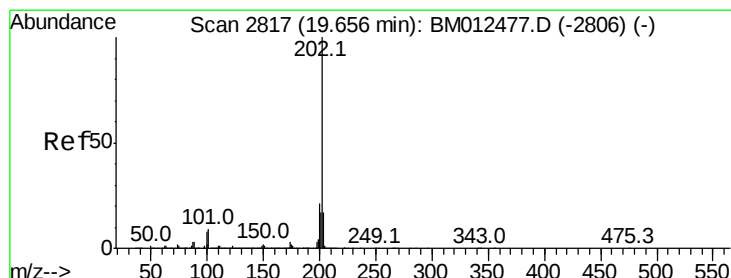
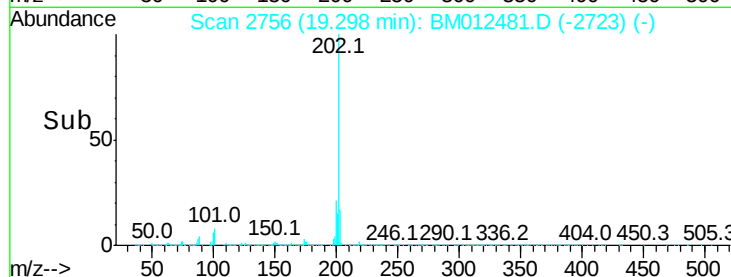
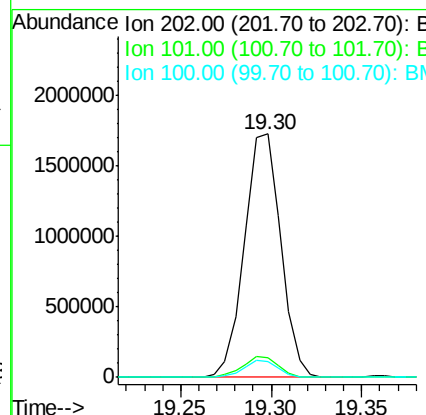
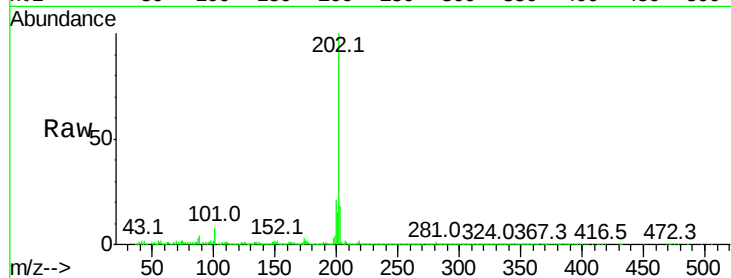
ClientSampleId :

B-13(0-1) 101117

Tot Ion:	202	Resp:	2403268
Ion Ratio	Lower	Upper	
202	100		
101	8.1	4.6	7.0#
100	6.3	3.4	5.2#

Manual Integrations
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#77

Pyrene

Concen: 15.220 ng/ul

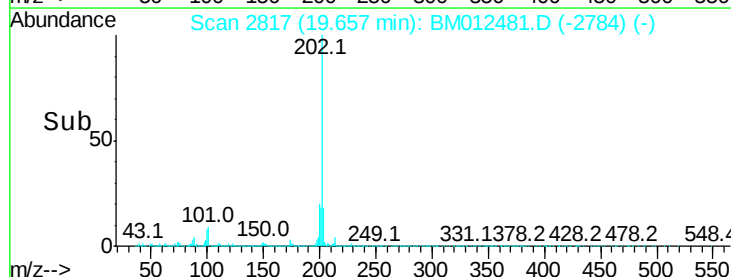
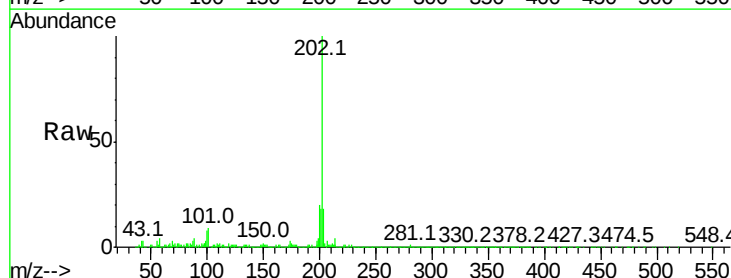
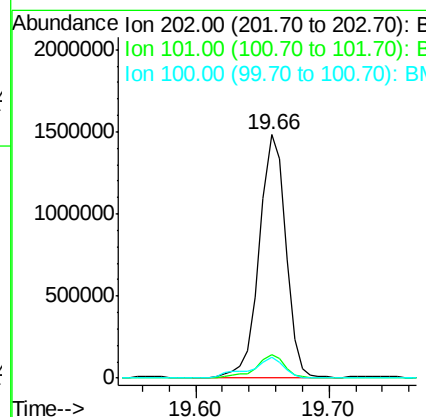
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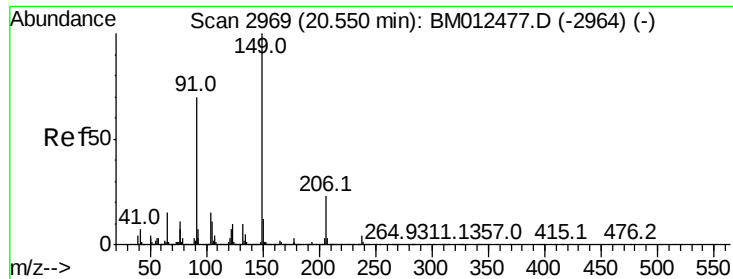
Delta R.T. -0.01 min

Lab File: BM012481.D

Acq: 27 Oct 2017 11:56

Tgt Ion:	202	Resp:	2018787
Ion Ratio	Lower	Upper	
202	100		
101	9.4	5.1	7.7#
100	8.4	4.9	7.3#





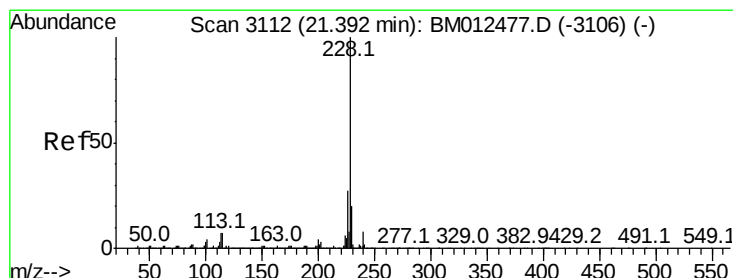
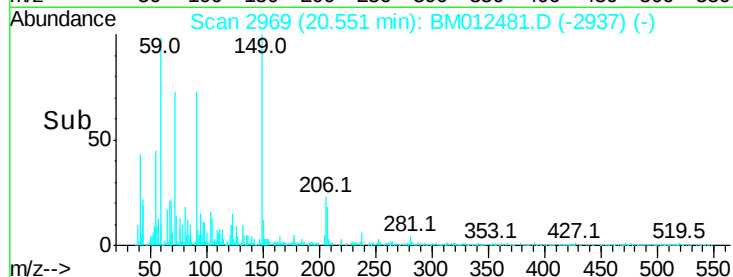
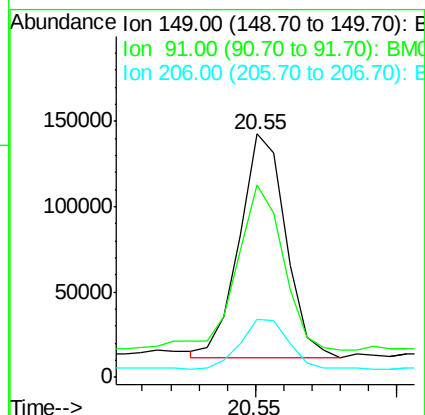
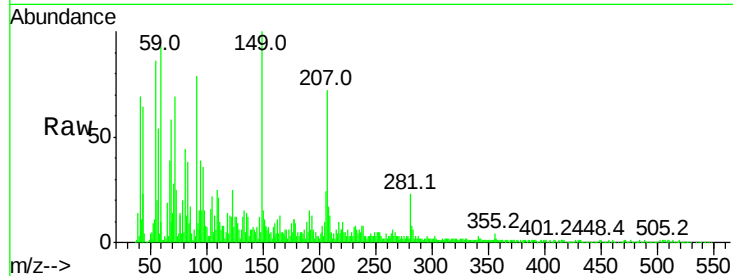
#78
Butylbenzylphthalate
Concen: 2.847 ng/ul
RT: 20.55 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BM012481.D
Acq: 27 Oct 2017 11:56

Instrument :
BNA_M
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B-13(0-1)_101117

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.1	62.7	94.1
206	24.0	20.8	31.2

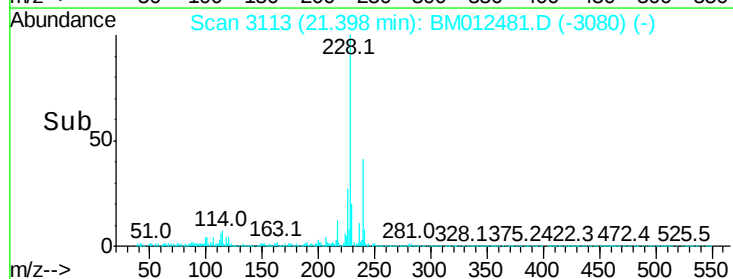
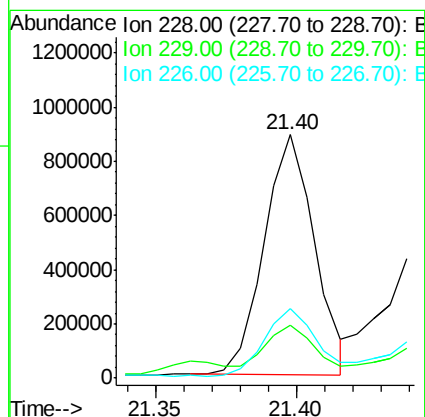
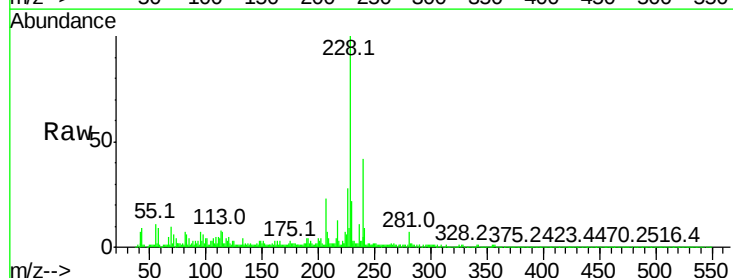
Manual Integrations
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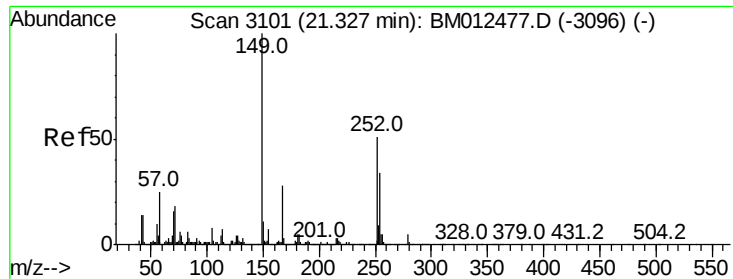
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#80
Benzo(a)anthracene
Concen: 7.836 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BM012481.D
Acq: 27 Oct 2017 11:56

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.4	23.0
226	28.3	21.4	32.0





#81
 Bis(2-ethylhexyl)phthalate
 Concen: 65.813 ng/ul
 RT: 21.33 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BM012481.D
 Acq: 27 Oct 2017 11:56

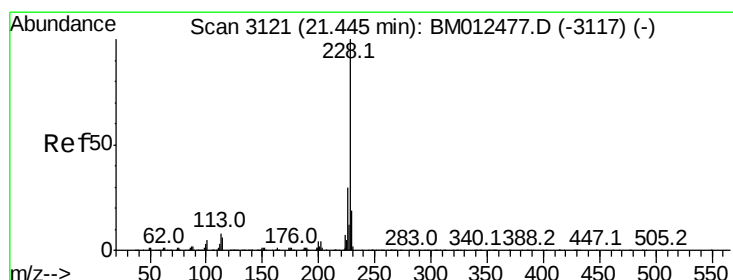
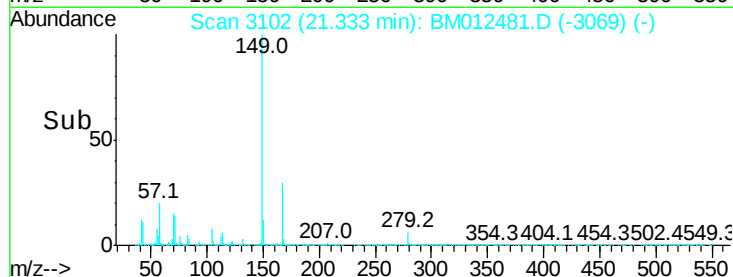
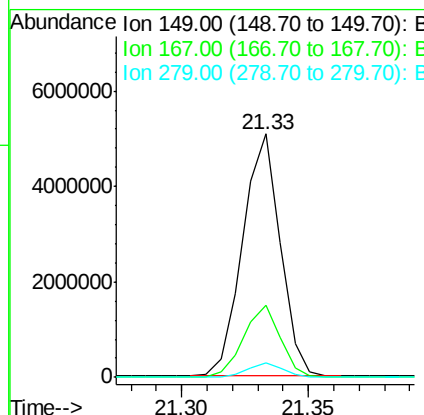
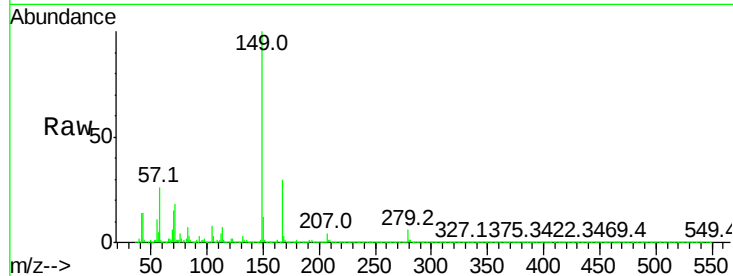
Instrument :
 BNA_M
 ClientSampleId :
 B-13(0-1) 101117

Tot Ion:149 Resp: 5232468

Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.8	34.2
279	5.7	4.9	7.3

Manual Integrations
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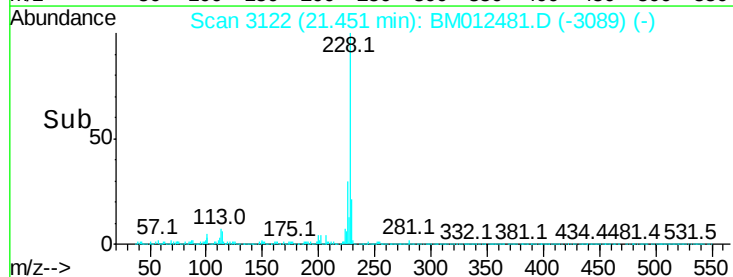
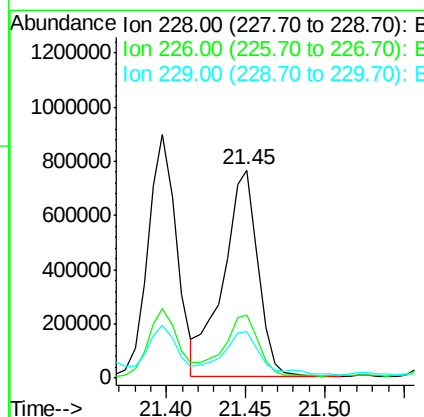
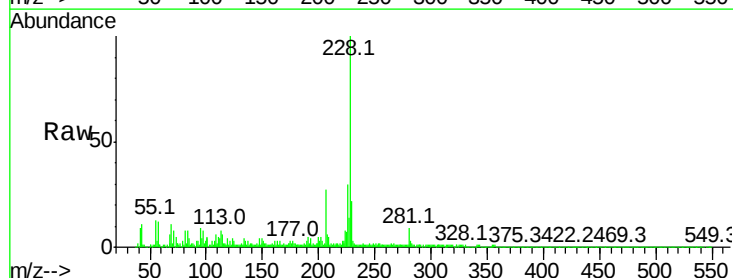
Sohil
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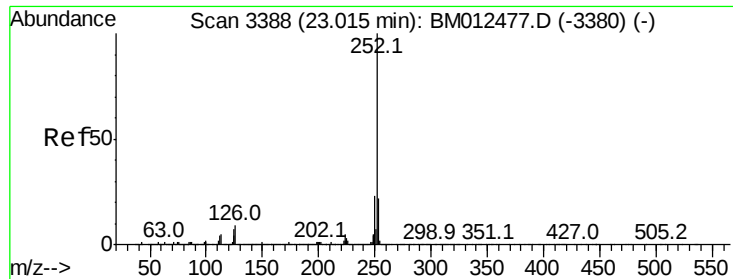


#82
 Chrysene
 Concen: 9.273 ng/ul
 RT: 21.45 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BM012481.D
 Acq: 27 Oct 2017 11:56

Tgt Ion:228 Resp: 1151585

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	22.5	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 10.050 ng/ul

RT: 23.03 min Scan# 3390

Delta R.T. -0.01 min

Lab File: BM012481.D

Acq: 27 Oct 2017 11:56

Instrument :

BNA_M

ClientSampleId :

B-13(0-1) 101117

Tot Ion:252 Resp: 1637566

Ion Ratio Lower Upper

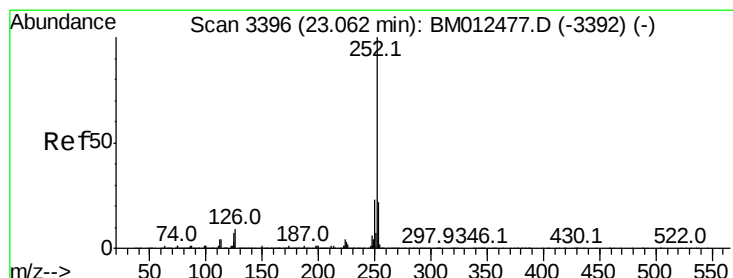
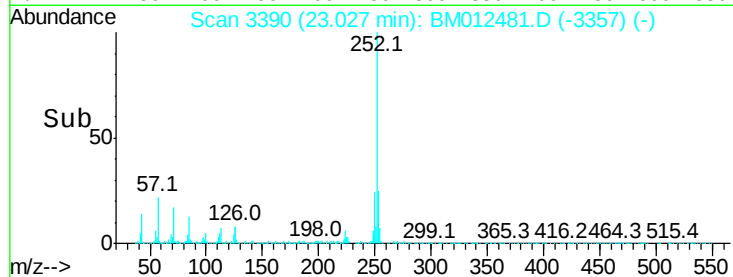
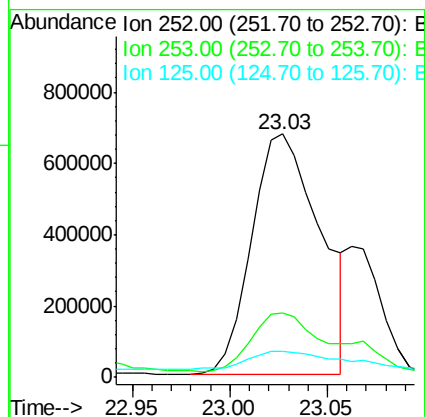
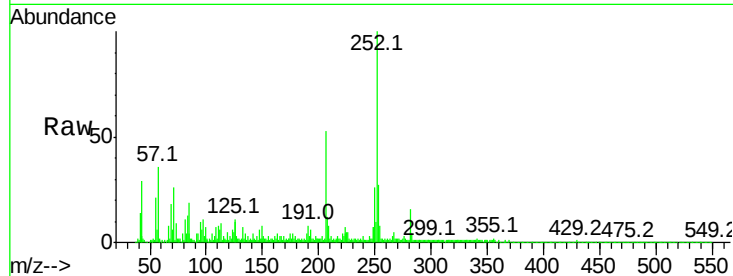
252 100

253 26.6 17.9 26.9

125 10.9 3.6 5.4#

Manual Integrations
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#86

Benzo(k)fluoranthene

Concen: 2.831 ng/ul m

RT: 23.06 min Scan# 3396

Delta R.T. -0.02 min

Lab File: BM012481.D

Acq: 27 Oct 2017 11:56

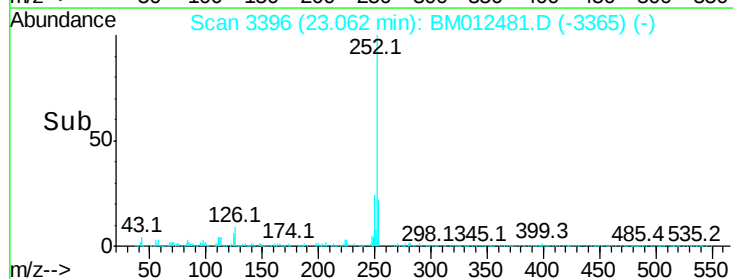
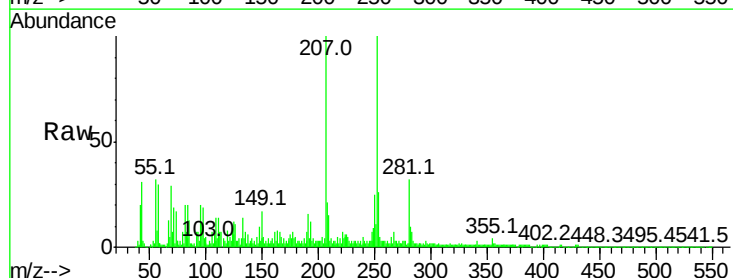
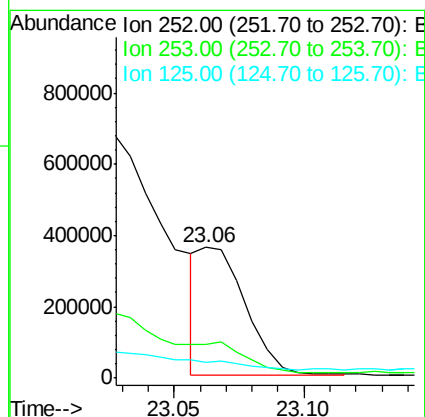
Tgt Ion:252 Resp: 434145

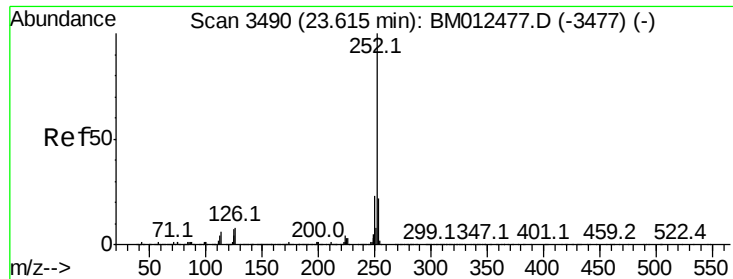
Ion Ratio Lower Upper

252 100

253 25.9 17.1 25.7#

125 12.6 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 6.571 ng/ul

RT: 23.62 min Scan# 3490

Delta R.T. -0.01 min

Lab File: BM012481.D

Acq: 27 Oct 2017 11:56

Instrument :

BNA_M

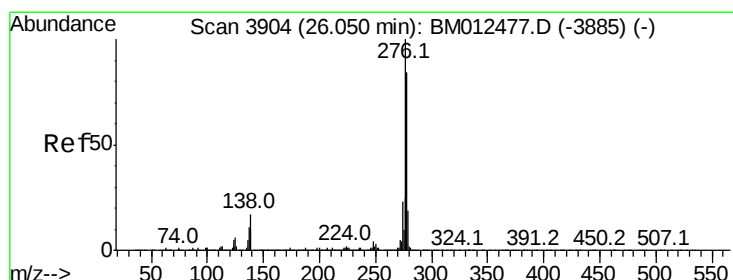
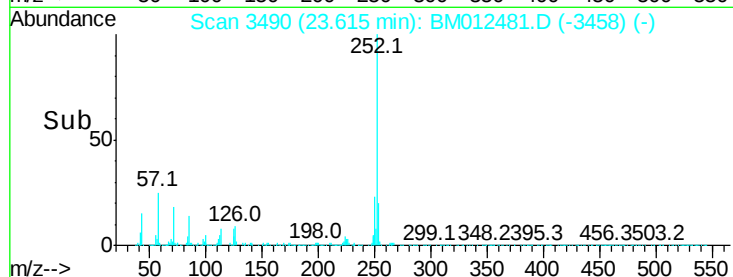
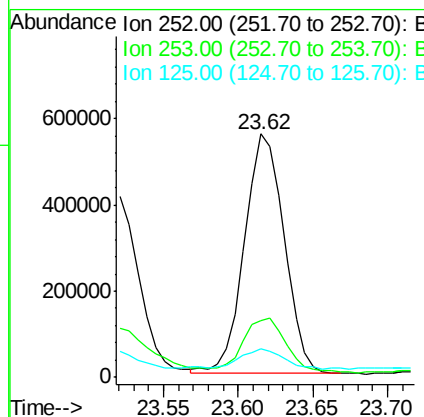
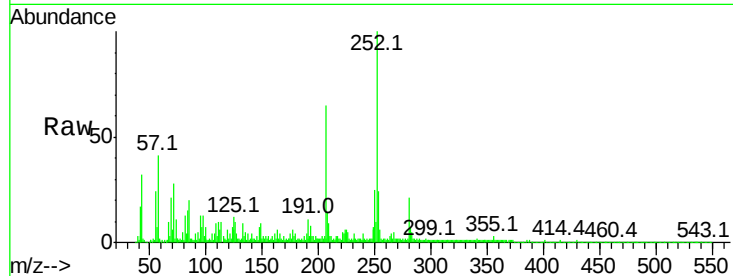
ClientSampleId :

B-13(0-1) 101117

Tot Ion:	252	Resp:	1020909
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.2	27.2
125	11.7	4.0	6.0#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 4.409 ng/ul

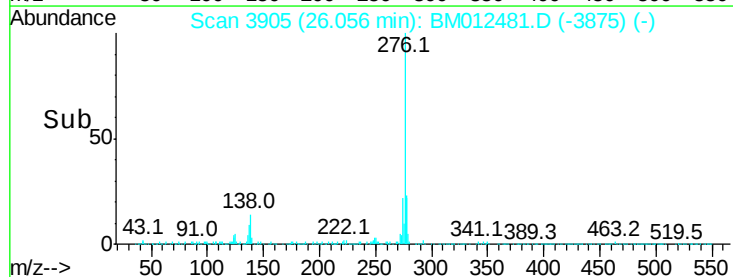
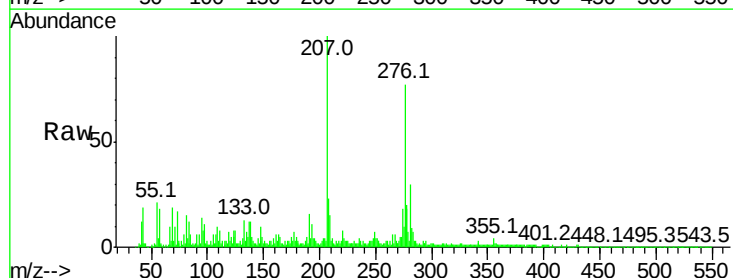
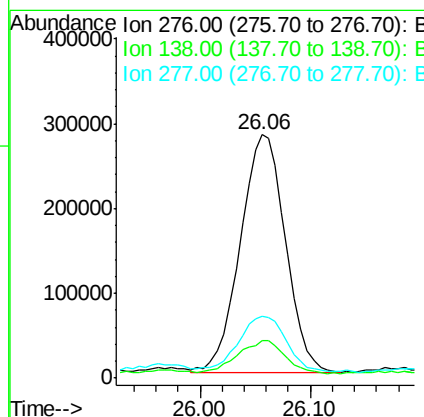
RT: 26.06 min Scan# 3905

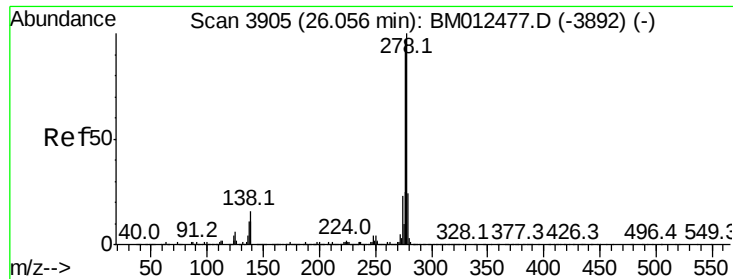
Delta R.T. -0.02 min

Lab File: BM012481.D

Acq: 27 Oct 2017 11:56

Tgt Ion:	276	Resp:	806195
Ion Ratio	Lower	Upper	
276	100		
138	15.5	9.3	13.9#
277	25.6	19.9	29.9





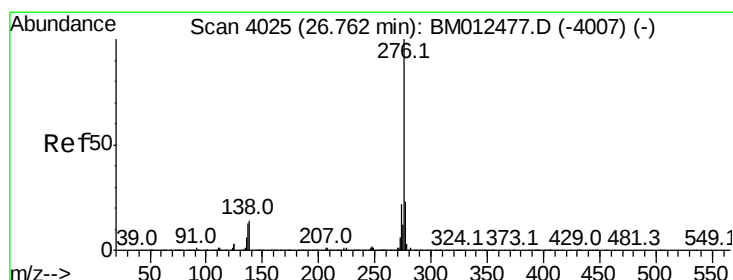
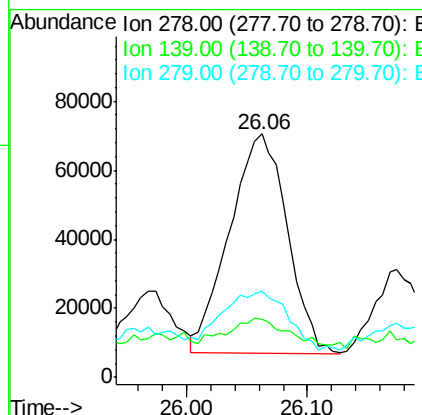
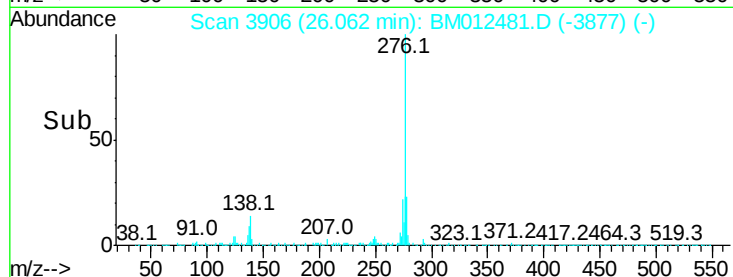
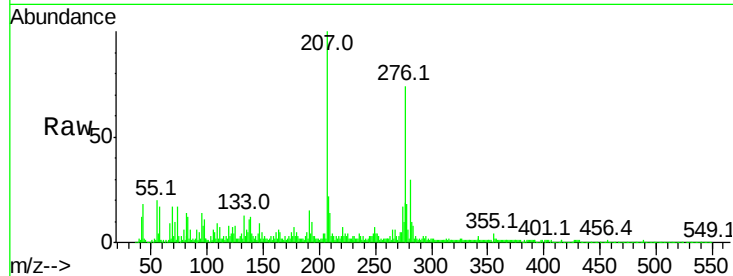
#90
Dibenzo(a,h)anthracene
Concen: 1.363 ng/ul
RT: 26.06 min Scan# 3906
Delta R.T. -0.03 min
Lab File: BM012481.D
Acq: 27 Oct 2017 11:56

Instrument :
BNA_M
ClientSampleId :
B-13(0-1)_101117

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.6	5.8	8.8#
279	35.2	18.6	27.8#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.088 ng/ul
RT: 26.77 min Scan# 4027
Delta R.T. -0.02 min
Lab File: BM012481.D
Acq: 27 Oct 2017 11:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.4	8.5	12.7#
277	28.4	18.6	28.0#

