

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012732.D
 Acq On : 05 Nov 2017 06:04
 Operator : SJ/JU
 Sample : I5825-09 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-64(1.5-2.5)-101117

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:24:41 PM

Quant Time: Nov 06 04:53:22 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 03:22:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	119389	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	468541	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	264867	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	539317	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	578908	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	660864	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	5602	2.53	ng/uL	0.00
5) Phenol-d5	6.99	99	118259	13.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	67854	14.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	104610	14.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	80098	10.45	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	51639	14.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	57229	14.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	110214	13.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	46968	5.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	346579	15.81	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	419007	15.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	26210	7.46	ng/ul	0.01
57) Fluorene-d10	15.45	176	288011	15.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	11946	3.35	ng/ul	0.00
70) Anthracene-d10	17.29	188	411486	15.79	ng/ul	0.00
78) Pyrene-d10	19.59	212	430792	16.04	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	495478	15.86	ng/ul	0.00
Target Compounds						
6) Phenol	7.02	94	18111	1.986	ng/ul	98
44) Dimethylphthalate	13.90	163	187844	8.636	ng/ul	98
47) Acenaphthylene	14.17	152	50625	1.926	ng/ul	97
69) Phenanthrene	17.24	178	189293	6.421	ng/ul	98
71) Anthracene	17.33	178	65609	2.147	ng/ul	97
75) Di-n-butylphthalate	18.16	149	76067	2.547	ng/ul	100
76) Fluoranthene	19.25	202	453473	12.802	ng/ul#	94
79) Pyrene	19.62	202	406195	11.760	ng/ul#	92
80) Butylbenzylphthalate	20.51	149	16050	1.274	ng/ul	90
82) Benzo(a)anthracene	21.36	228	269726	7.700	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.29	149	31108	1.695	ng/ul#	89
84) Chrysene	21.41	228	256799	8.089	ng/ul	96
87) Benzo(b)fluoranthene	22.97	252	450826	11.163	ng/ul	93
88) Benzo(k)fluoranthene	23.02	252	100053m	2.606	ng/ul	
90) Benzo(a)pyrene	23.56	252	288972	7.520	ng/ul	93
91) Indeno(1,2,3-cd)pyrene	25.98	276	237803	5.134	ng/ul#	85
92) Dibenzo(a,h)anthracene	25.97	278	64308	1.640	ng/ul#	86
93) Benzo(g,h,i)perylene	26.69	276	207308	5.432	ng/ul#	89

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

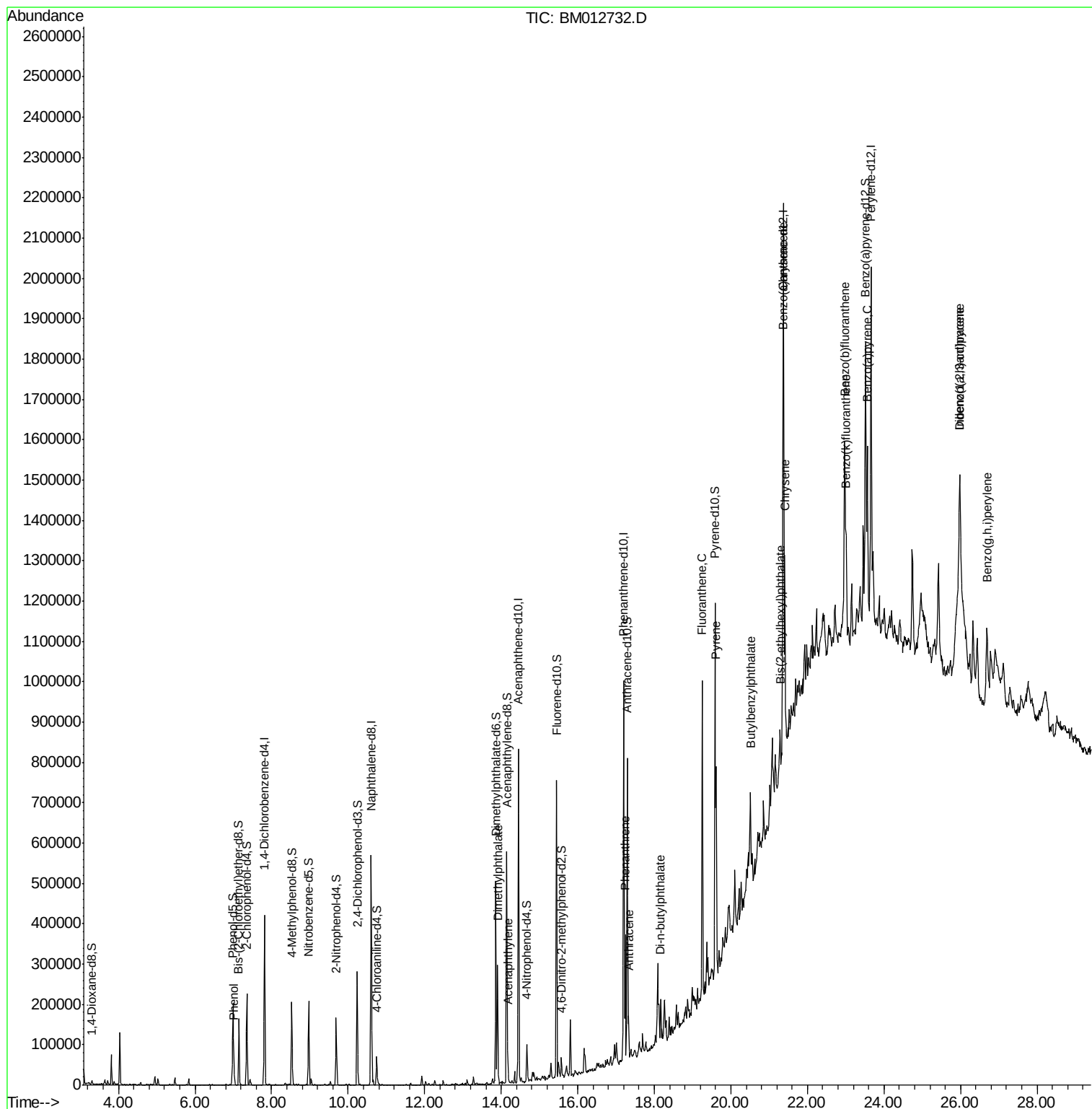
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012732.D
 Acd On : 05 Nov 2017 06:04
 Operator : SJ/JU
 Sample : I5825-09 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

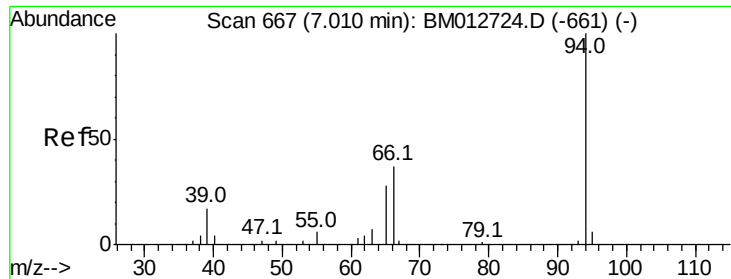
Instrument :
 BNA_M
 ClientSampleId :
 B-64(1.5-2.5)-101117

Manual Integrations
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Quant Time: Nov 06 04:53:22 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration





#6

Phenol

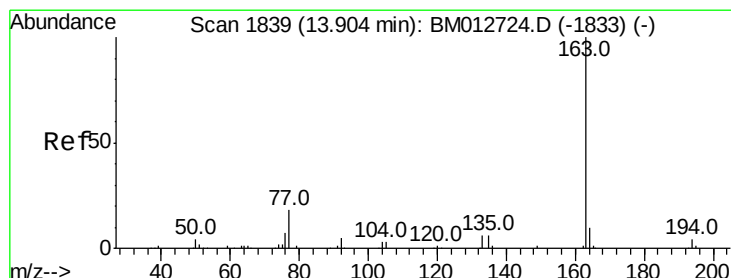
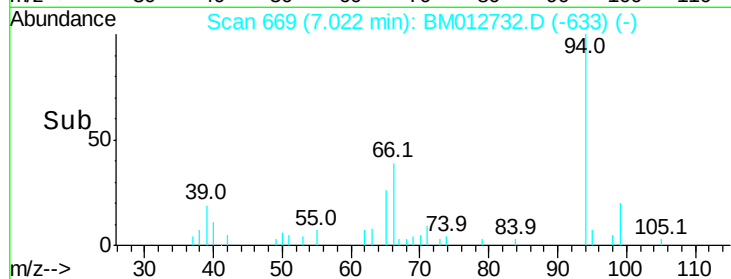
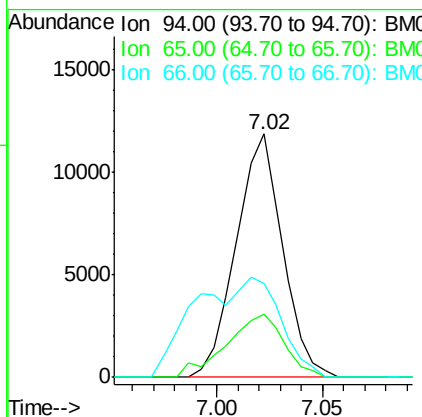
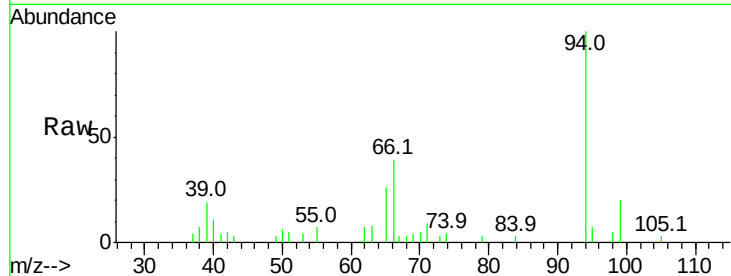
Concen: 1.986 ng/ul
 RT: 7.02 min Scan# 669
 Delta R.T. 0.01 min
 Lab File: BM012732.D
 Acq: 05 Nov 2017 06:04

Instrument :
 BNA_M
 ClientSampleId :
 B-64(1.5-2.5)-101117

Tot Ion	Ratio	Lower	Upper
94	100		
65	26.0	21.0	31.6
66	38.6	29.3	43.9

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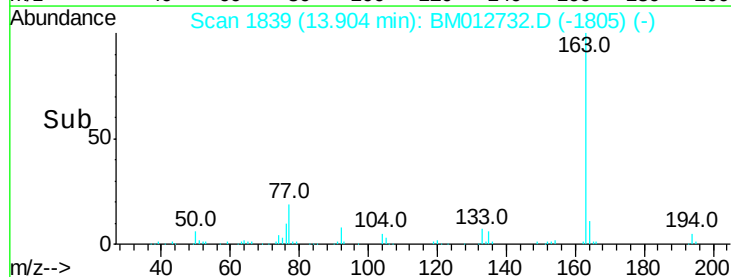
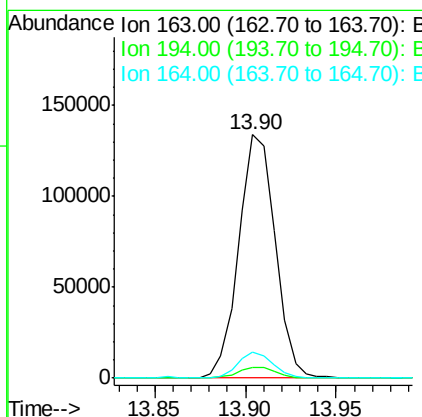
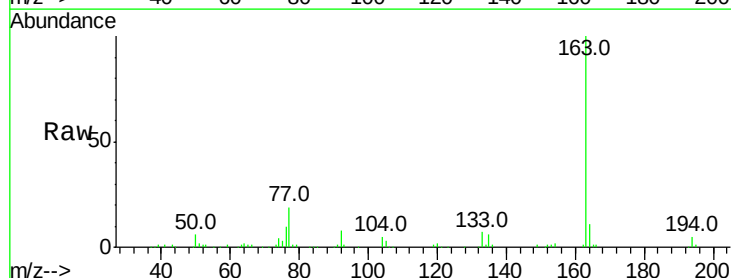


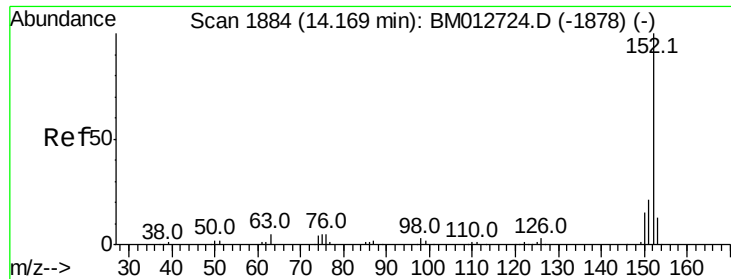
#44

Dimethylphthalate

Concen: 8.636 ng/ul
 RT: 13.90 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BM012732.D
 Acq: 05 Nov 2017 06:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	10.8	7.8	11.8





#47

Acenaphthylene

Concen: 1.926 ng/ul

RT: 14.17 min Scan# 1885

Delta R.T. 0.01 min

Lab File: BM012732.D

Acq: 05 Nov 2017 06:04

Instrument :

BNA_M

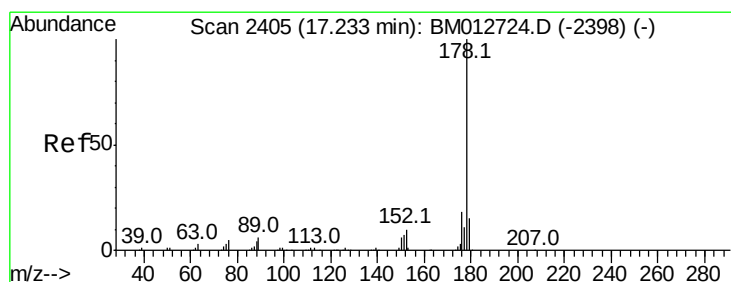
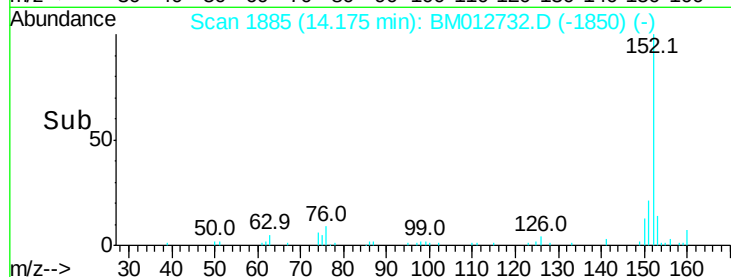
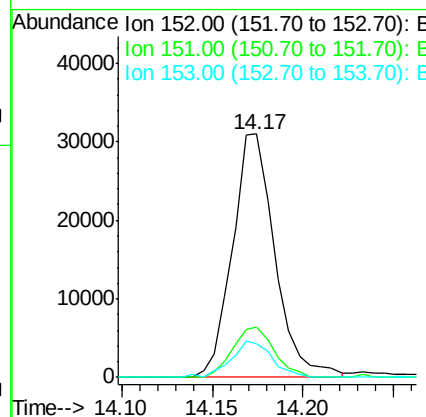
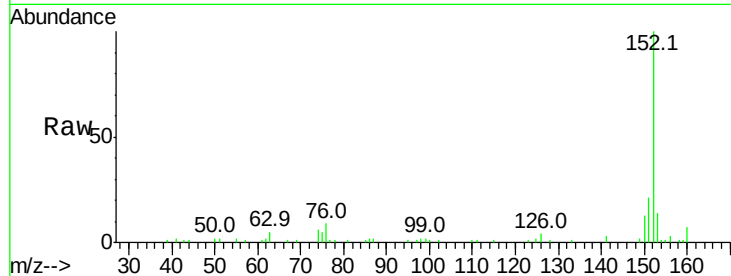
ClientSampleId :

B-64(1.5-2.5)-101117

Tot Ion:	152	Resp:	50625
Ion Ratio	Lower	Upper	
152	100		
151	20.9	15.7	23.5
153	14.1	10.5	15.7

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#69

Phenanthrene

Concen: 6.421 ng/ul

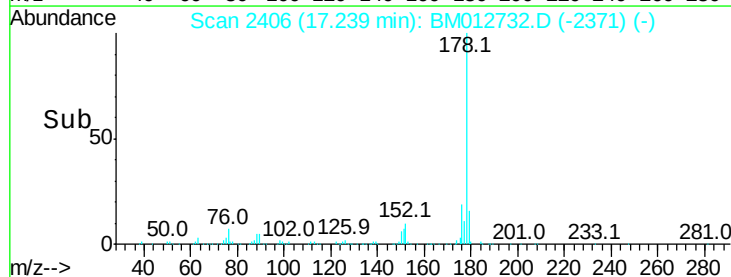
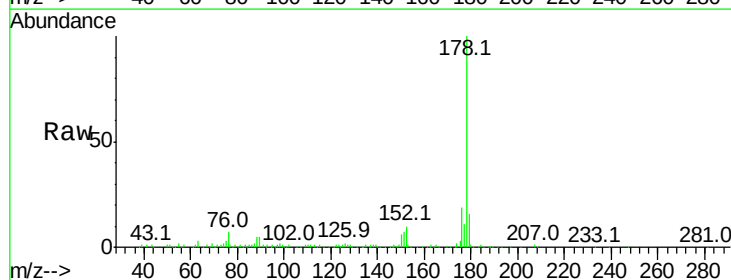
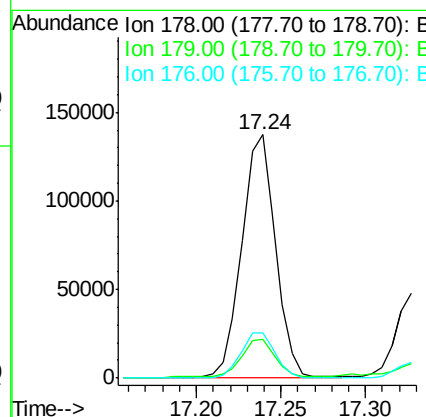
RT: 17.24 min Scan# 2406

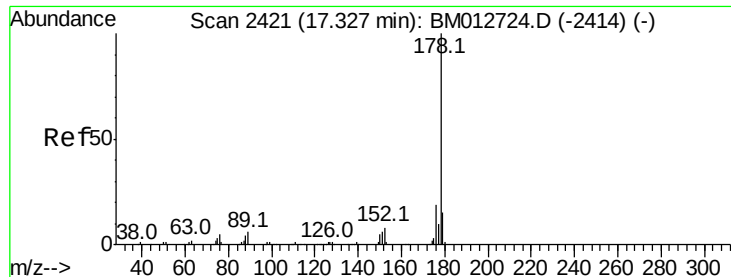
Delta R.T. 0.01 min

Lab File: BM012732.D

Acq: 05 Nov 2017 06:04

Tgt Ion:	178	Resp:	189293
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.2	18.4
176	18.8	15.6	23.4





#71

Anthracene

Concen: 2.147 ng/ul

RT: 17.33 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BM012732.D

Acq: 05 Nov 2017 06:04

Instrument :

BNA_M

ClientSampleId :

B-64(1.5-2.5)-101117

Tot Ion:178 Resp: 65609

Ion Ratio Lower Upper

178 100

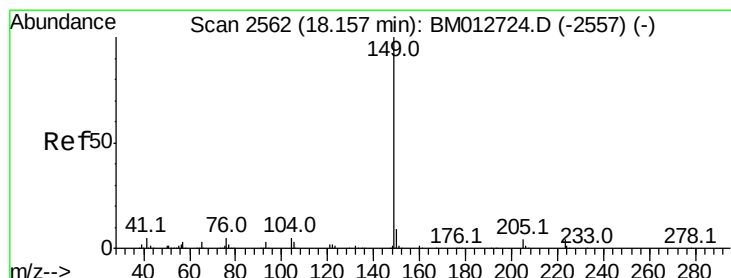
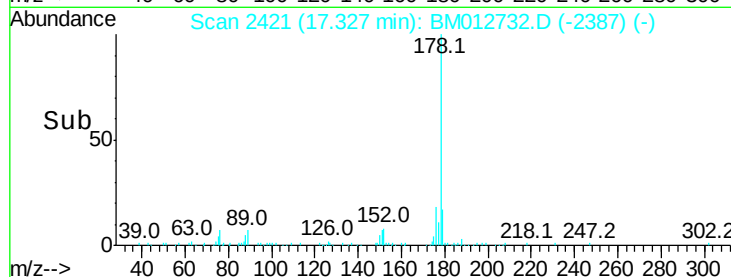
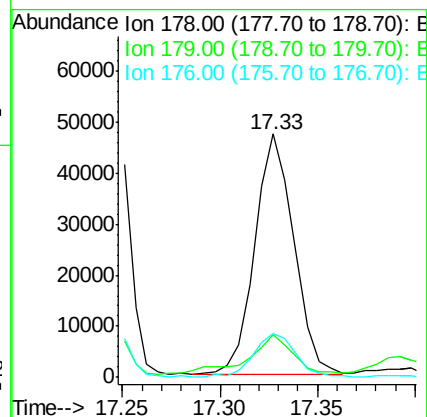
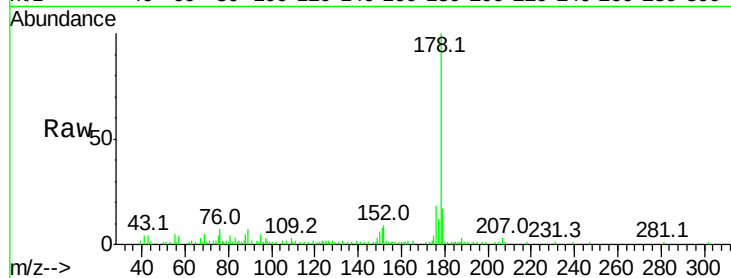
179 17.4 12.1 18.1

176 18.2 14.8 22.2

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#75

Di-n-butylphthalate

Concen: 2.547 ng/ul

RT: 18.16 min Scan# 2563

Delta R.T. 0.01 min

Lab File: BM012732.D

Acq: 05 Nov 2017 06:04

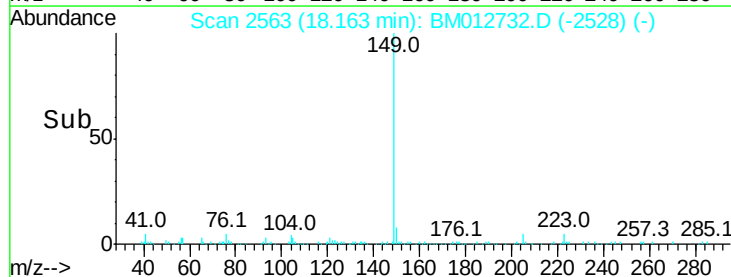
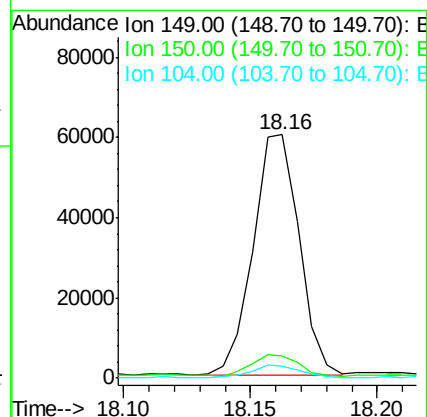
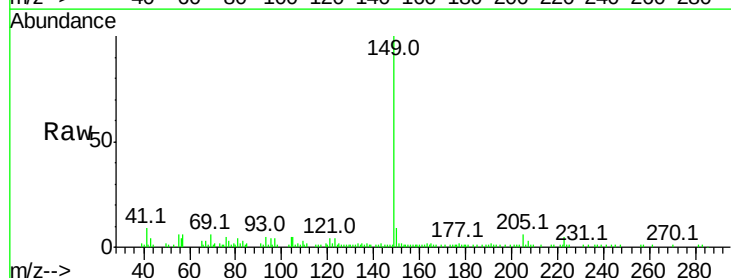
Tgt Ion:149 Resp: 76067

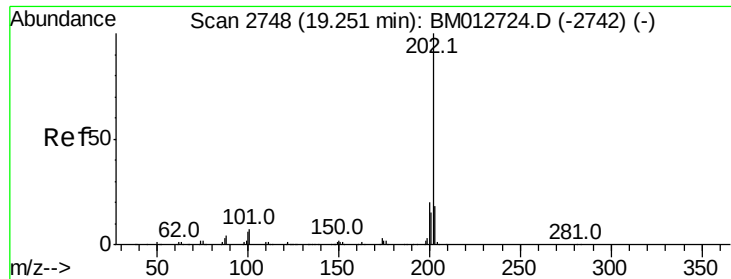
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 4.9 4.0 6.0





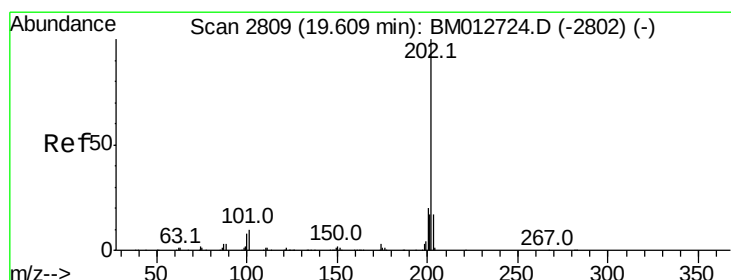
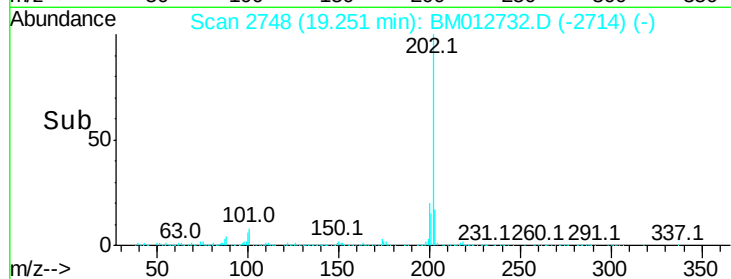
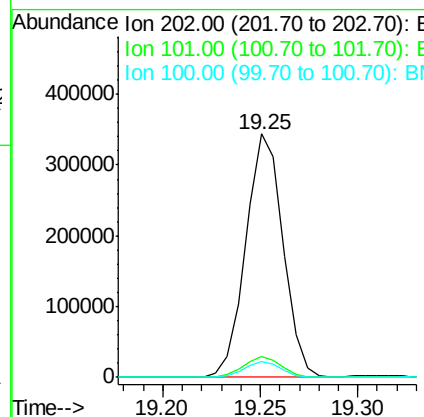
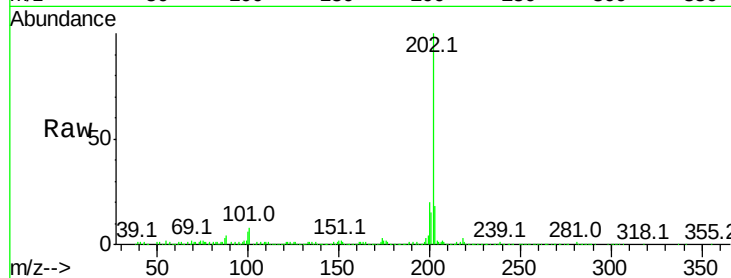
#76
 Fluoranthene
 Concen: 12.802 ng/ul
 RT: 19.25 min Scan# 2748
 Delta R.T. 0.00 min
 Lab File: BM012732.D
 Acq: 05 Nov 2017 06:04

Instrument :
 BNA_M
 ClientSampleId :
 B-64(1.5-2.5)-101117

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	8.3	8.8	13.2#	
100	6.4	6.6	9.8#	

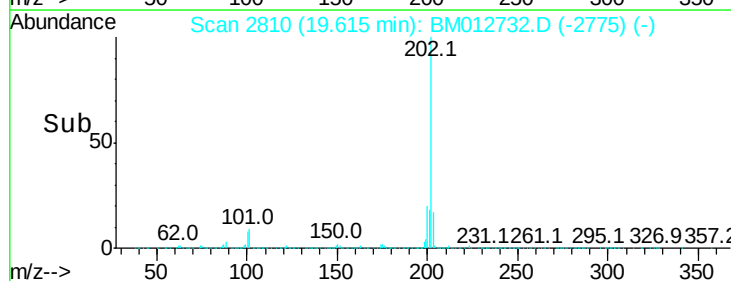
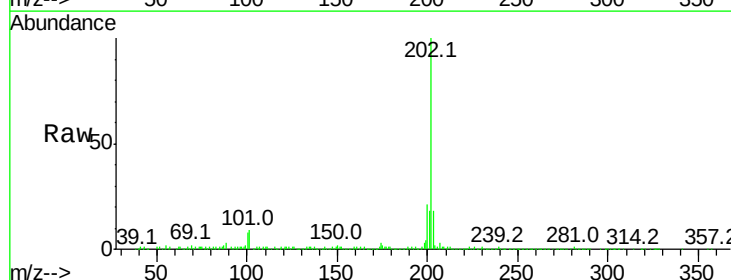
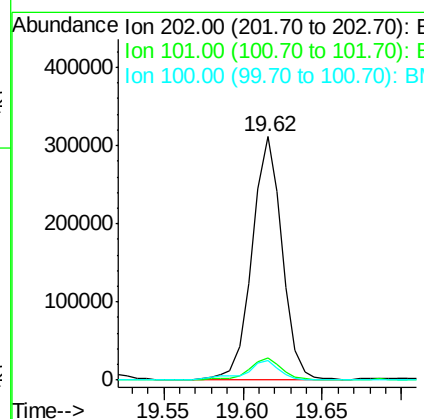
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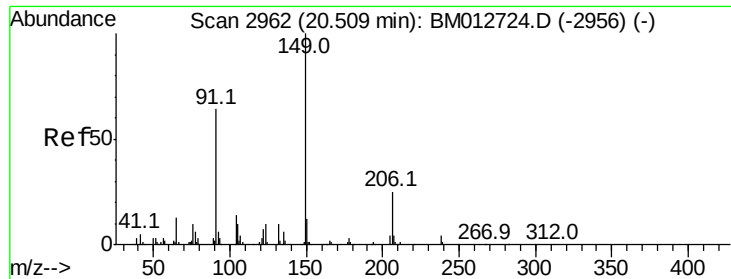
Sohil
 11/6/2017 4:24:41 PM



#79
 Pyrene
 Concen: 11.760 ng/ul
 RT: 19.62 min Scan# 2810
 Delta R.T. 0.01 min
 Lab File: BM012732.D
 Acq: 05 Nov 2017 06:04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	9.0	10.2	15.2#	
100	7.8	8.5	12.7#	





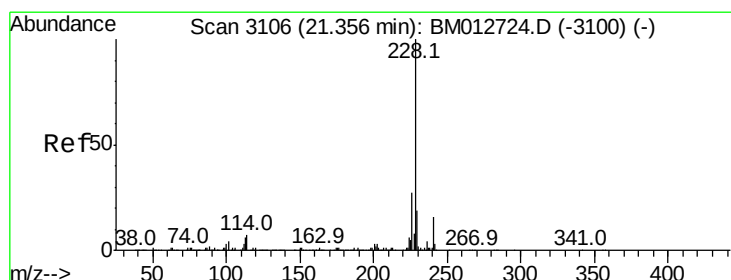
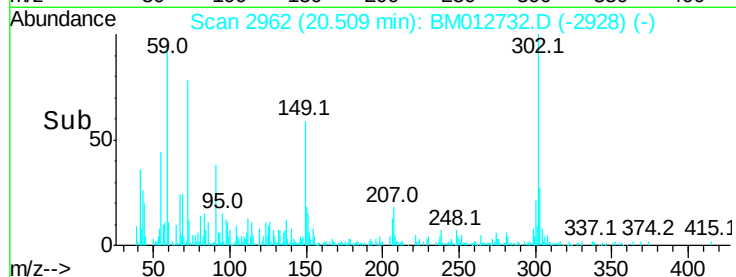
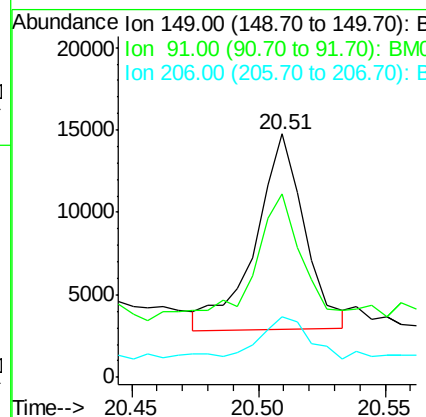
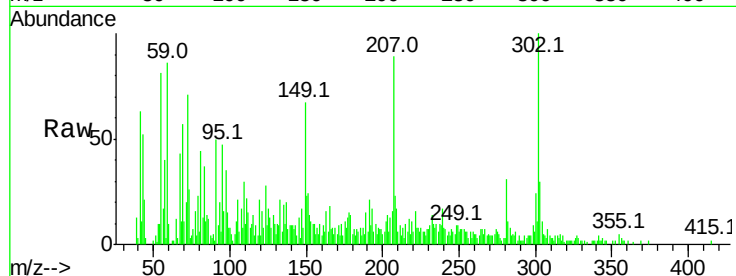
#80
Butylbenzylphthalate
Concen: 1.274 ng/ul
RT: 20.51 min Scan# 2962
Delta R.T. 0.00 min
Lab File: BM012732.D
Acq: 05 Nov 2017 06:04

Instrument :
BNA_M
ClientSampleId :
B-64(1.5-2.5)-101117

Tot Ion	Ratio	Resp	Lower	Upper
149	100	16050		
91	75.3	53.4	80.2	
206	24.8	16.6	24.8	

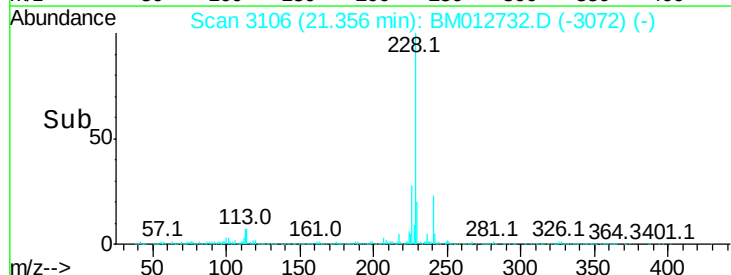
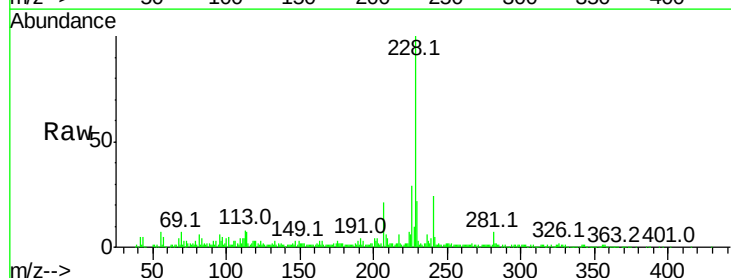
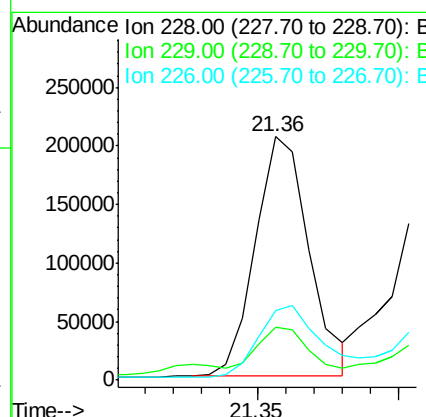
Manual Integrations
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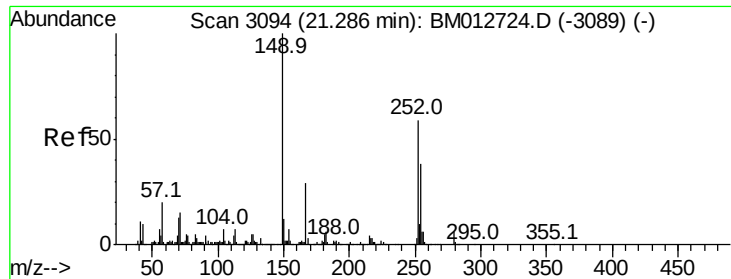
Sohil
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#82
Benzo(a)anthracene
Concen: 7.700 ng/ul
RT: 21.36 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BM012732.D
Acq: 05 Nov 2017 06:04

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	269726		
229	21.8	15.7	23.5	
226	28.7	21.8	32.6	





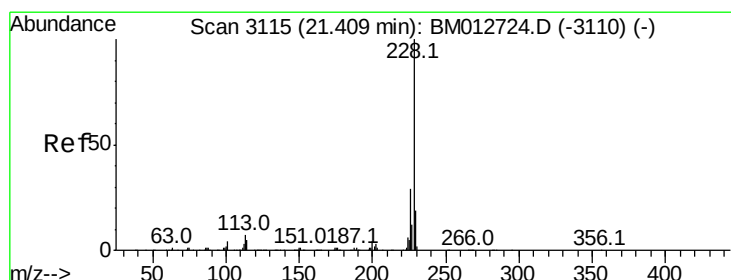
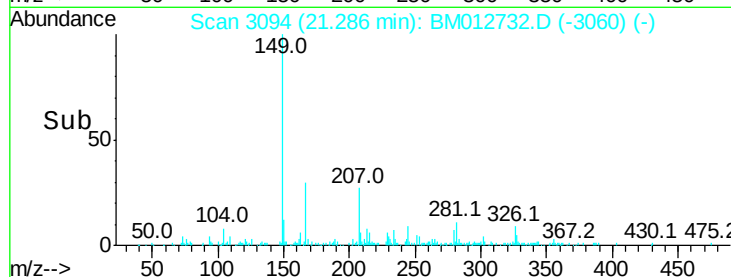
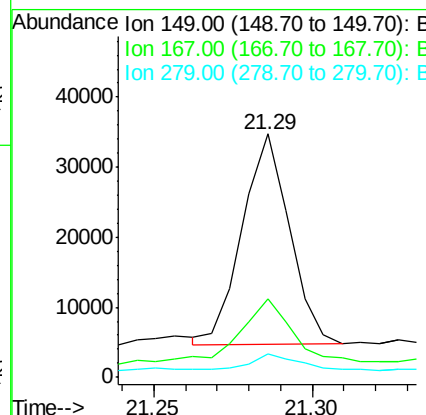
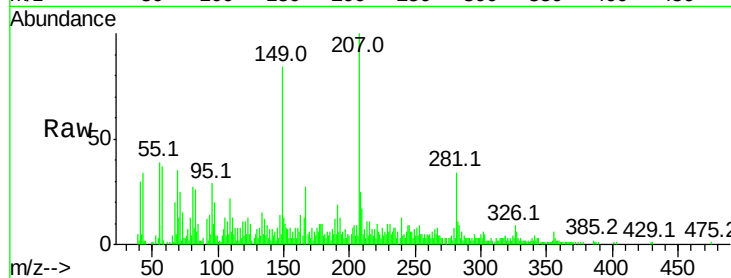
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.695 ng/ul
 RT: 21.29 min Scan# 3094
 Delta R.T. 0.00 min
 Lab File: BM012732.D
 Acq: 05 Nov 2017 06:04

Instrument :
 BNA_M
 ClientSampleId :
 B-64(1.5-2.5)-101117

Tot Ion	Ratio	Lower	Upper
149	100		
167	32.2	21.6	32.4
279	9.7	3.0	4.4

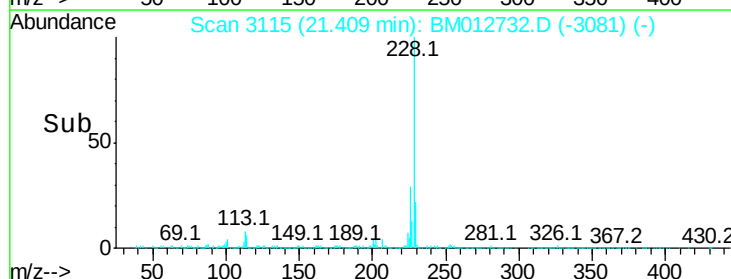
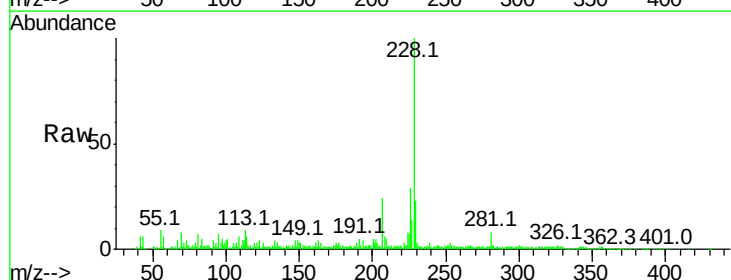
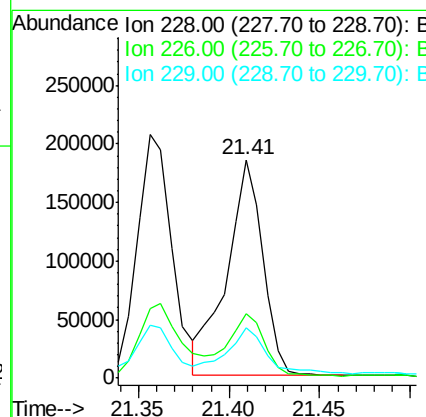
Manual Integrations
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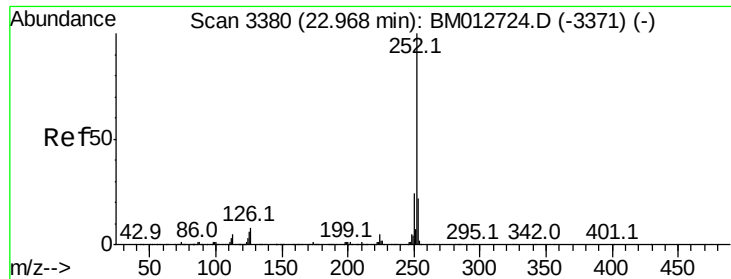
Sohil
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#84
 Chrysene
 Concen: 8.089 ng/ul
 RT: 21.41 min Scan# 3115
 Delta R.T. 0.00 min
 Lab File: BM012732.D
 Acq: 05 Nov 2017 06:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.0	36.0
229	23.1	15.6	23.4





#87

Benzo(b)fluoranthene

Concen: 11.163 ng/ul

RT: 22.97 min Scan# 3381

Delta R.T. 0.01 min

Lab File: BM012732.D

Acq: 05 Nov 2017 06:04

Instrument :

BNA_M

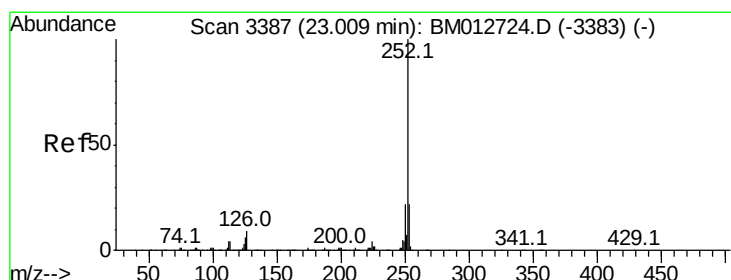
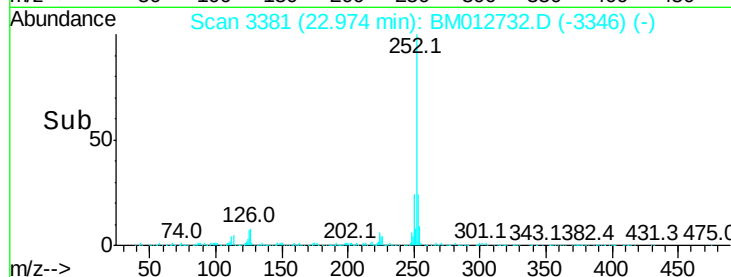
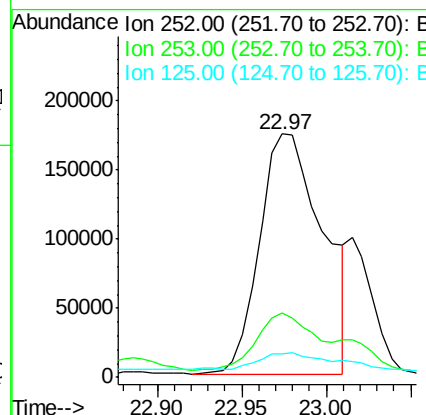
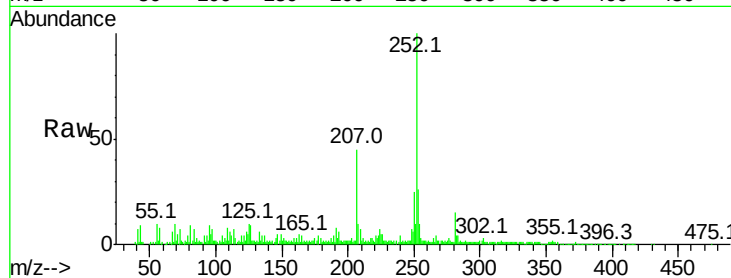
ClientSampleId :

B-64(1.5-2.5)-101117

Tot Ion:	252	Resp:	450826
Ion Ratio	Lower	Upper	
252	100		
253	26.3	17.5	26.3
125	9.6	8.5	12.7

Manual Integrations
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11/6/2017 4:24:41 PM



#88

Benzo(k)fluoranthene

Concen: 2.606 ng/ul m

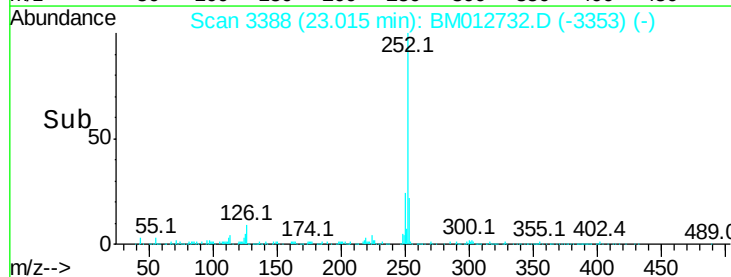
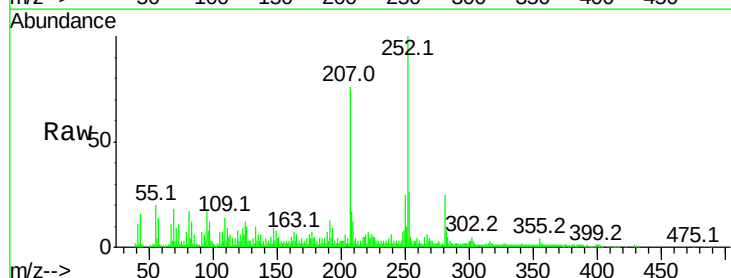
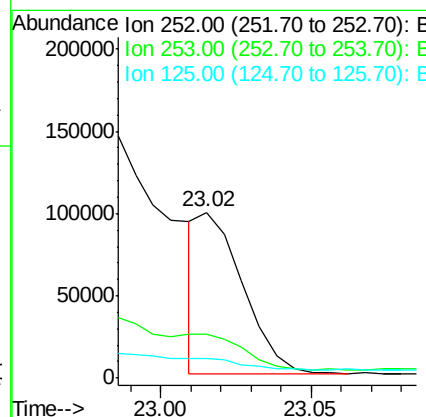
RT: 23.02 min Scan# 3388

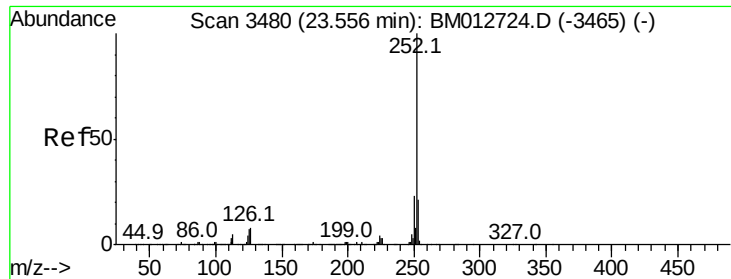
Delta R.T. 0.01 min

Lab File: BM012732.D

Acq: 05 Nov 2017 06:04

Tgt Ion:	252	Resp:	100053
Ion Ratio	Lower	Upper	
252	100		
253	26.5	17.3	25.9#
125	11.5	8.2	12.2





#90

Benzo(a)pyrene

Concen: 7.520 ng/ul

RT: 23.56 min Scan# 3481

Delta R.T. 0.01 min

Lab File: BM012732.D

Acq: 05 Nov 2017 06:04

Instrument :

BNA_M

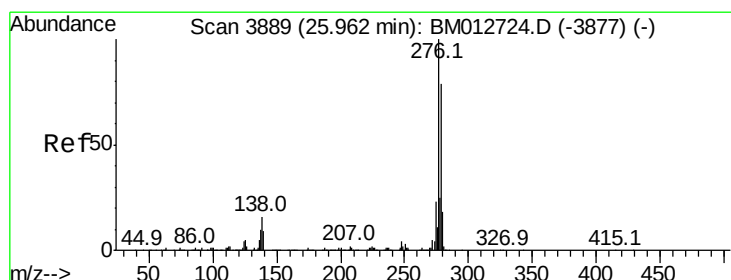
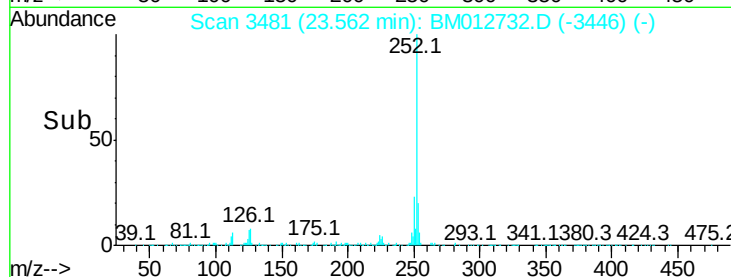
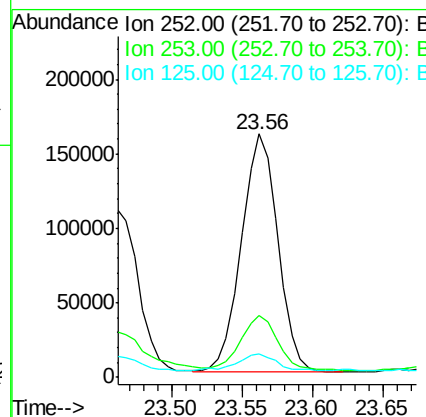
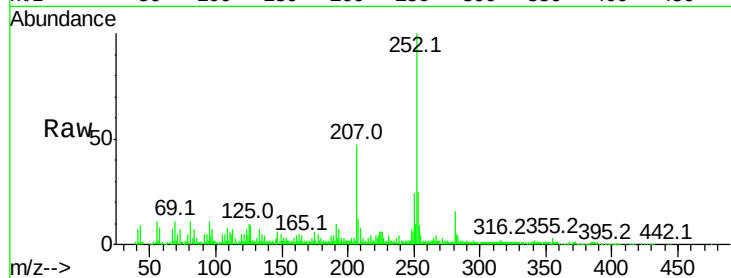
ClientSampleId :

B-64(1.5-2.5)-101117

Tot Ion	Ratio	Resp	Lower	Upper
252	100	288972		
253	25.2	17.2	25.8	
125	9.7	9.0	13.6	

Manual Integrations
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#91

Indeno(1,2,3-cd)pyrene

Concen: 5.134 ng/ul

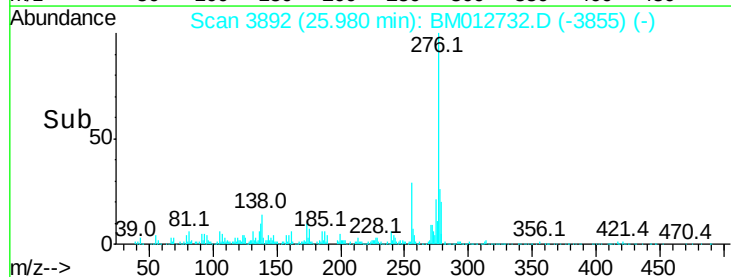
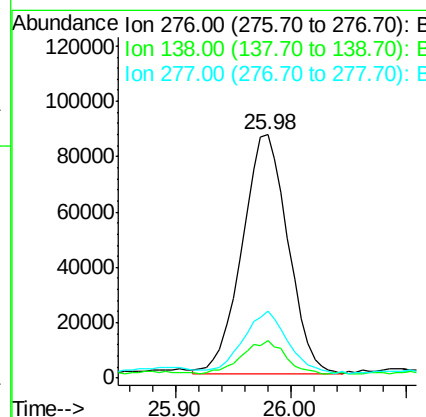
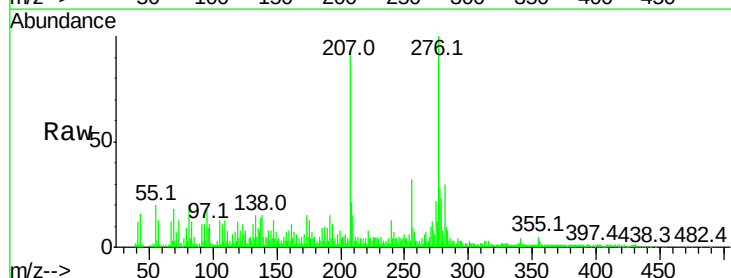
RT: 25.98 min Scan# 3892

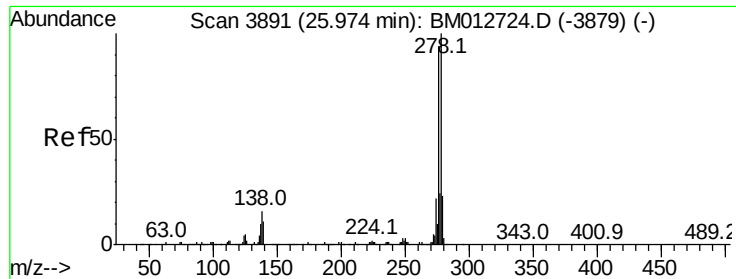
Delta R.T. 0.02 min

Lab File: BM012732.D

Acq: 05 Nov 2017 06:04

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	237803		
138	15.5	22.3	33.5#	
277	27.7	20.2	30.2	





#92

Dibenzo(a,h)anthracene

Concen: 1.640 ng/ul

RT: 25.97 min Scan# 3891

Delta R.T. 0.00 min

Lab File: BM012732.D

Acq: 05 Nov 2017 06:04

Instrument :

BNA_M

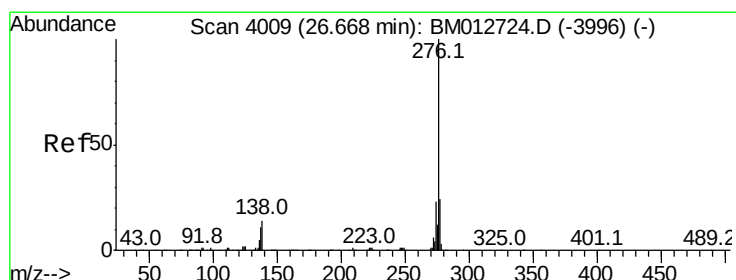
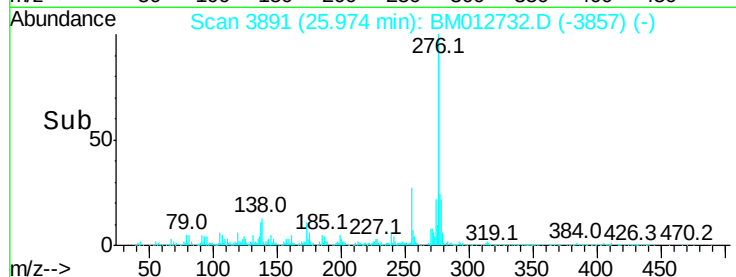
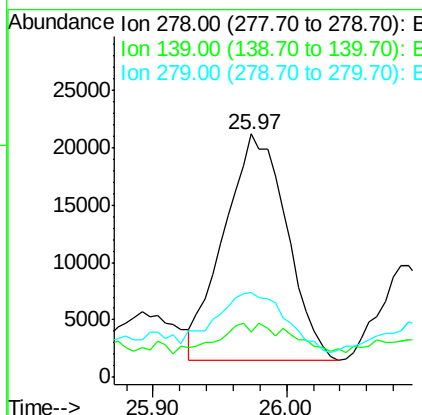
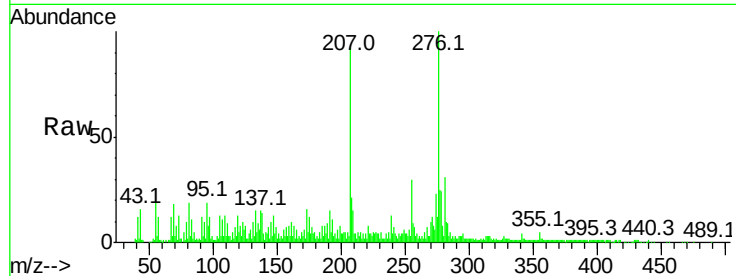
ClientSampleId :

B-64(1.5-2.5)-101117

Tot Ion:	278	Resp:	64308
Ion Ratio	Lower	Upper	
278	100		
139	18.3	13.9	20.9
279	34.8	19.0	28.4

Manual Integrations
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Sohil
11/6/2017 4:24:41 PM



#93

Benzo(g,h,i)perylene

Concen: 5.432 ng/ul

RT: 26.69 min Scan# 4013

Delta R.T. 0.02 min

Lab File: BM012732.D

Acq: 05 Nov 2017 06:04

Tgt Ion:	276	Resp:	207308
Ion Ratio	Lower	Upper	
276	100		
138	14.1	18.9	28.3
277	25.7	19.2	28.8

