

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012206.D
 Acq On : 15 Oct 2017 13:24
 Operator : SJ/JU
 Sample : I5522-19
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC5

Manual Integrations
 APPROVED

Sohil
 10/16/2017 7:48:57 PM

Quant Time: Oct 16 02:53:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 16 01:56:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	211504	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	910050	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	602457	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1390818	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1284074	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1124306	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	17845	4.01	ng/uL	0.00
5) Phenol-d5	6.99	99	383071	22.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	214002	20.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	345003	23.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	309892	20.97	ng/ul	0.01
19) Nitrobenzene-d5	8.98	128	165577	23.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	190708	23.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	394279	25.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	239724	16.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	1399711	26.29	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1731981	26.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	149617	18.69	ng/ul	0.01
57) Fluorene-d10	15.46	176	1176731	26.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	67297	7.05	ng/ul	0.01
70) Anthracene-d10	17.32	188	1858780	27.03	ng/ul	0.00
76) Pyrene-d10	19.61	212	1856636	28.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1431953	26.42	ng/ul	0.02

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.92	163	530044	9.936	ng/ul	100
49) Acenaphthene	14.53	153	64712	1.518	ng/ul	95
58) Fluorene	15.52	166	80133	1.572	ng/ul	96
69) Phenanthrene	17.26	178	1572129	19.870	ng/ul	99
71) Anthracene	17.35	178	353419	4.315	ng/ul	98
72) Carbazole	17.63	167	132734	1.915	ng/ul	97
74) Fluoranthene	19.28	202	4092015	42.856	ng/ul#	95
77) Pyrene	19.64	202	3236551	38.166	ng/ul#	95
80) Benzo(a)anthracene	21.38	228	1902503	22.770	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.29	149	146234	2.582	ng/ul#	99
82) Chrysene	21.43	228	1703801	21.720	ng/ul	96
85) Benzo(b)fluoranthene	23.02	252	2170034	29.576	ng/ul#	98
86) Benzo(k)fluoranthene	23.05	252	707090m	10.000	ng/ul	
88) Benzo(a)pyrene	23.62	252	1521609	22.004	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.09	276	930615	12.672	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.08	278	249844	4.047	ng/ul#	79
91) Benzo(g,h,i)perylene	26.82	276	789344	13.124	ng/ul#	92

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

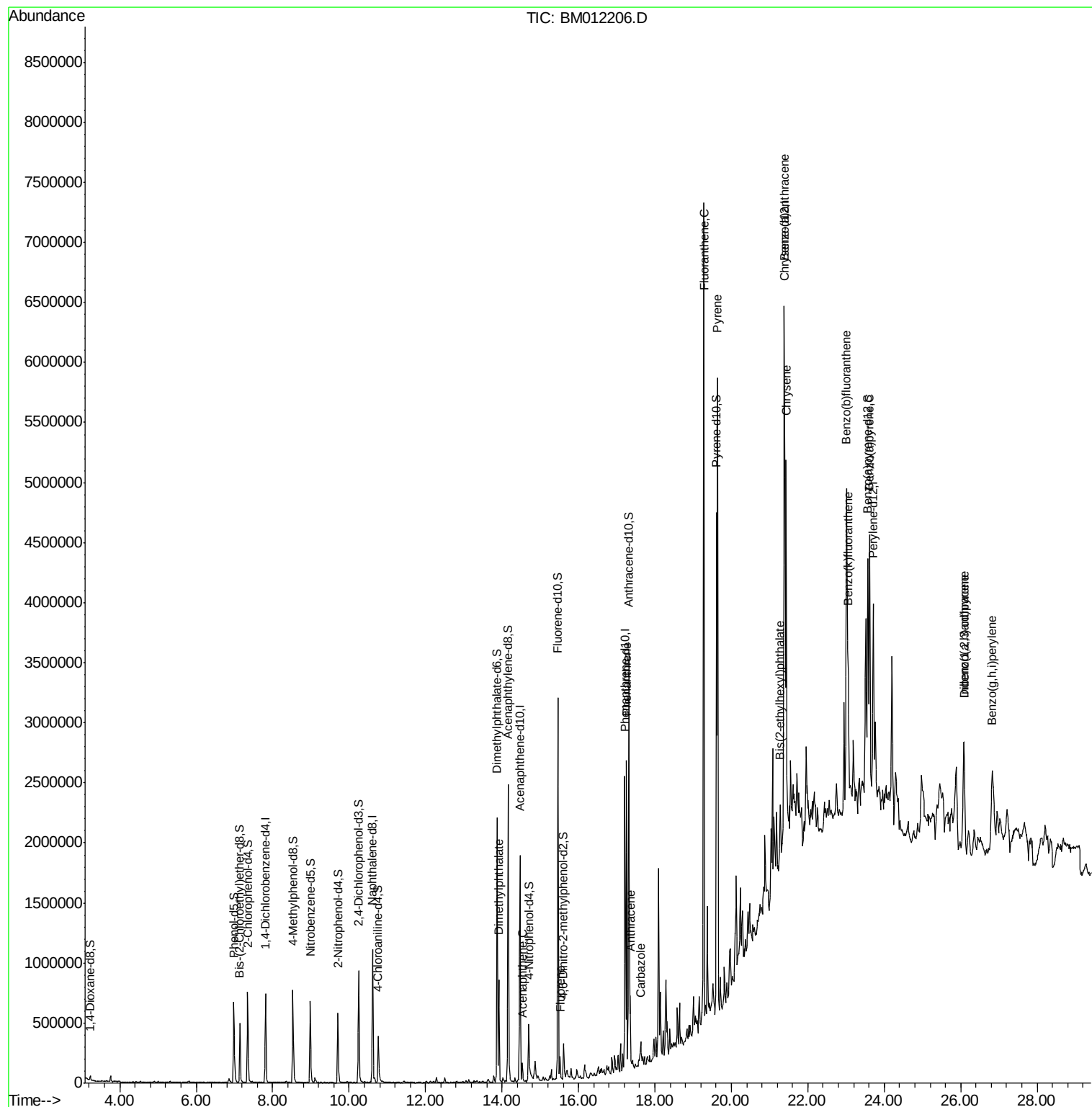
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012206.D
Acq On : 15 Oct 2017 13:24
Operator : SJ/JU
Sample : I5522-19
Misc :
ALS Vial : 44 Sample Multiplier: 1

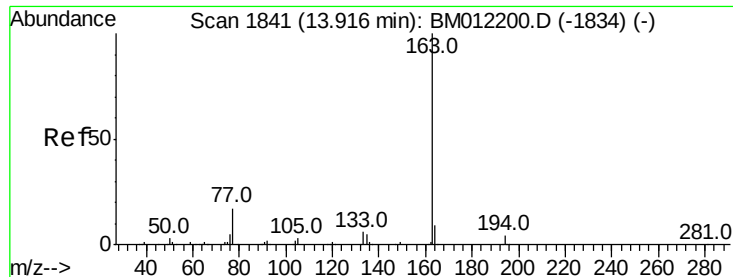
Instrument :
BNA_M
ClientSampleId :
C0AC5

Manual Integrations
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Quant Time: Oct 16 02:53:18 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 16 01:56:01 2017
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 9.936 ng/ul

RT: 13.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BM012206.D

Acq: 15 Oct 2017 13:24

Instrument :

BNA_M

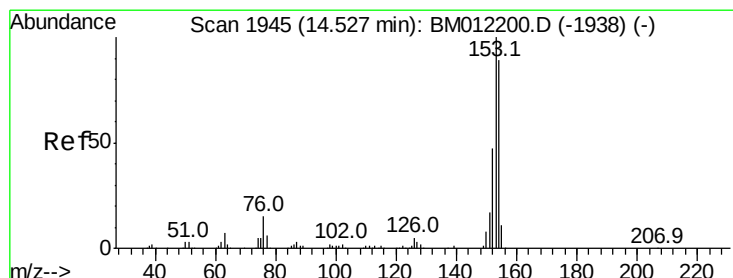
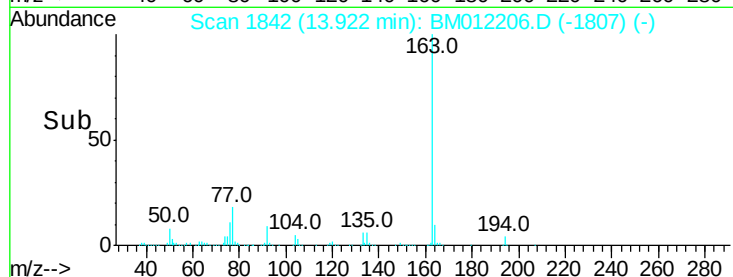
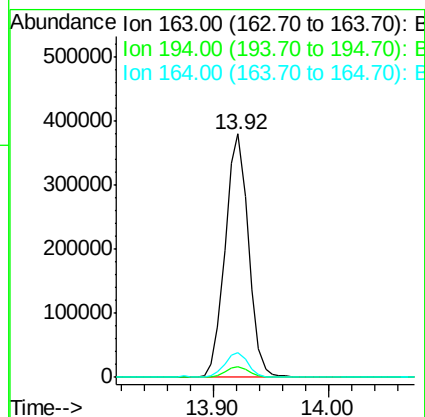
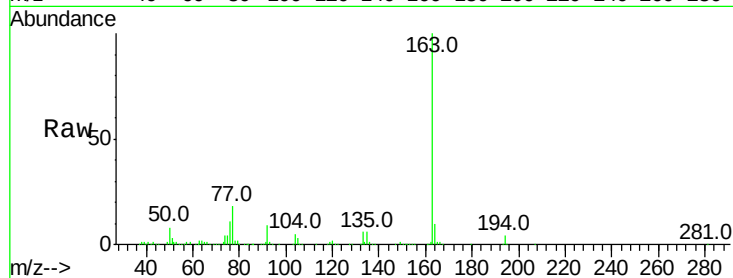
ClientSampleId :

C0AC5

Tot Ion:	163	Resp:	530044
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	10.1	8.2	12.4

Manual Integrations
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#49

Acenaphthene

Concen: 1.518 ng/ul

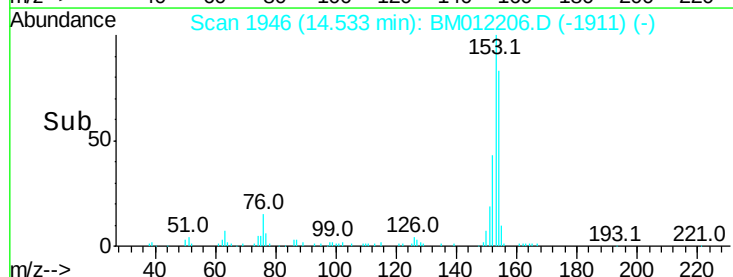
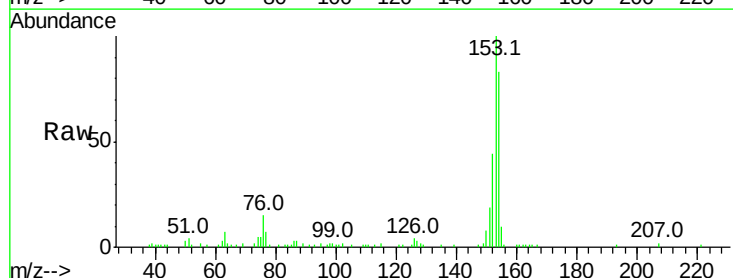
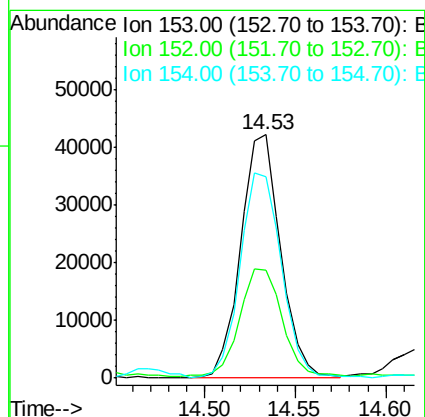
RT: 14.53 min Scan# 1946

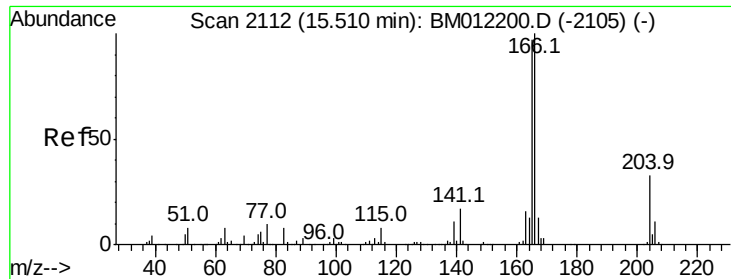
Delta R.T. 0.01 min

Lab File: BM012206.D

Acq: 15 Oct 2017 13:24

Tgt Ion:	153	Resp:	64712
Ion Ratio	Lower	Upper	
153	100		
152	44.2	37.6	56.4
154	82.8	70.4	105.6





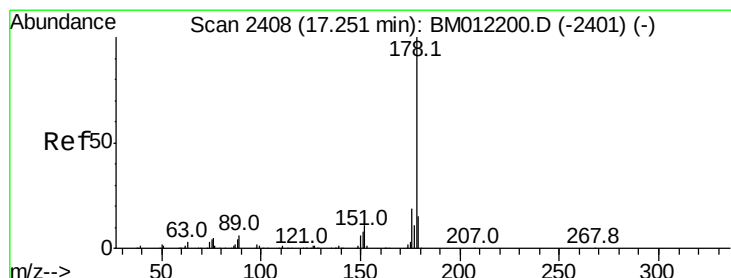
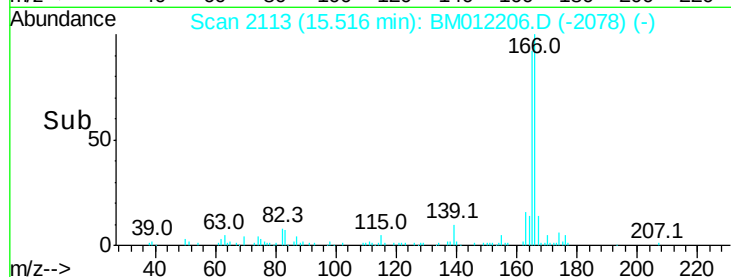
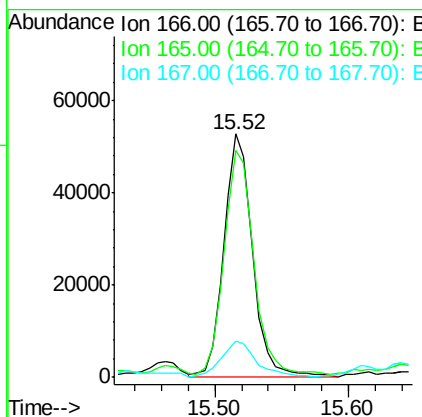
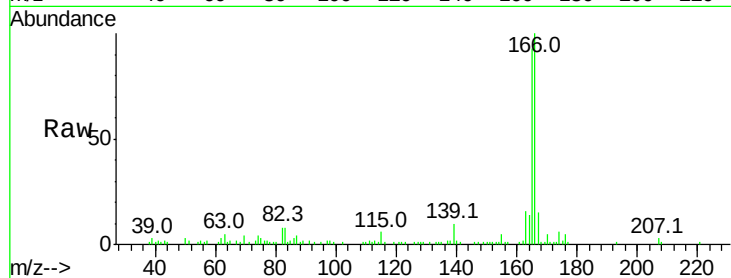
#58
 Fluorene
 Concen: 1.572 ng/ul
 RT: 15.52 min Scan# 2113
 Delta R.T. 0.01 min
 Lab File: BM012206.D
 Acq: 15 Oct 2017 13:24

Instrument :
 BNA_M
 ClientSampleId :
 C0AC5

Tot Ion	Ratio	Lower	Upper
166	100		
165	93.3	77.9	116.9
167	15.2	10.6	16.0

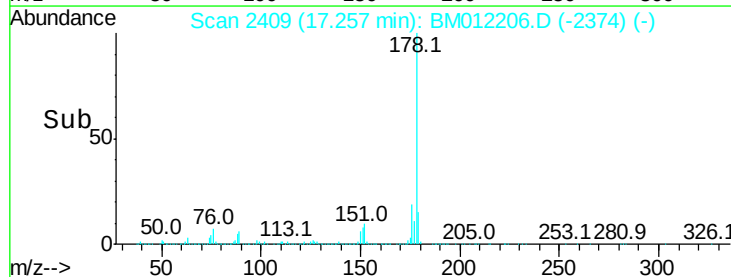
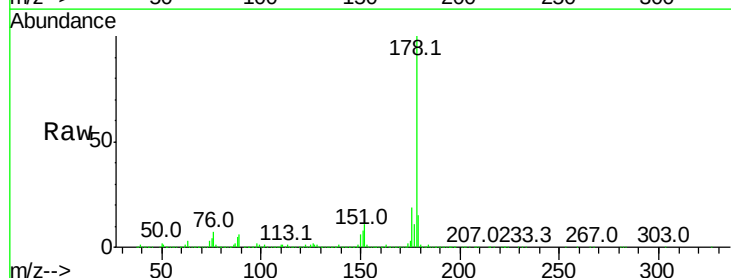
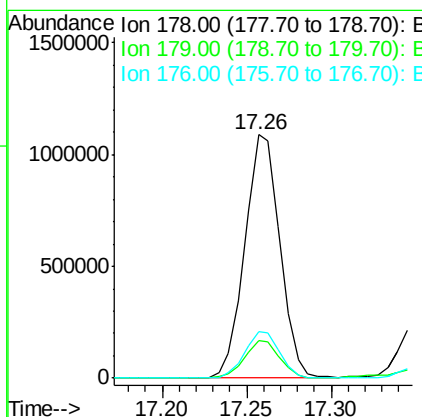
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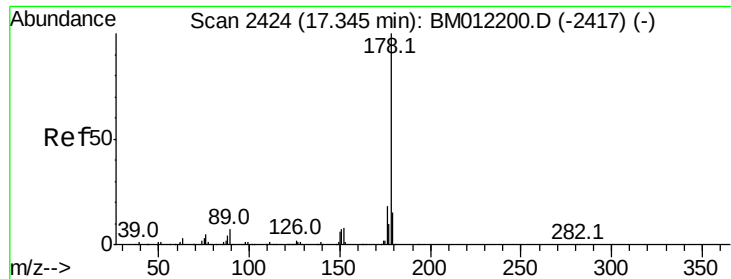
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#69
 Phenanthrene
 Concen: 19.870 ng/ul
 RT: 17.26 min Scan# 2409
 Delta R.T. 0.01 min
 Lab File: BM012206.D
 Acq: 15 Oct 2017 13:24

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	18.9	14.9	22.3





#71

Anthracene

Concen: 4.315 ng/ul

RT: 17.35 min Scan# 2425

Delta R.T. 0.01 min

Lab File: BM012206.D

Acq: 15 Oct 2017 13:24

Instrument :

BNA_M

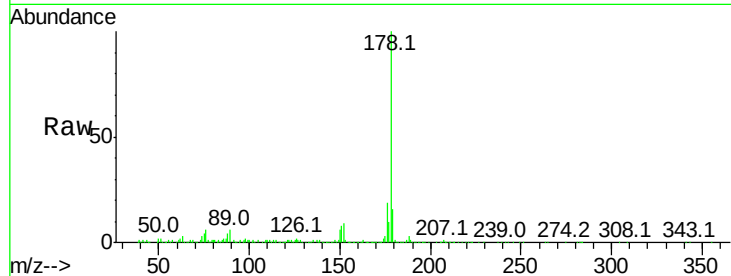
ClientSampled :

C0AC5

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.7	17.5
176	18.9	14.6	21.8

Manual Integrations
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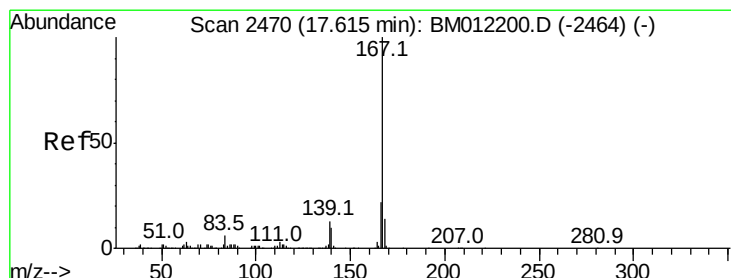
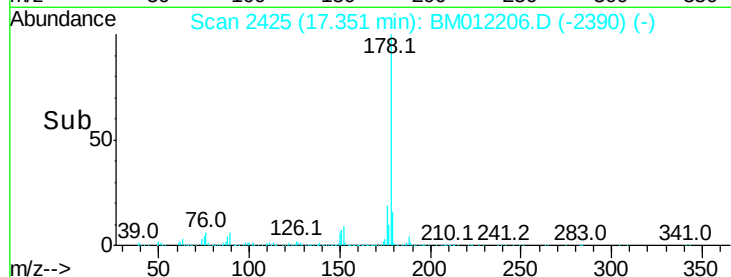
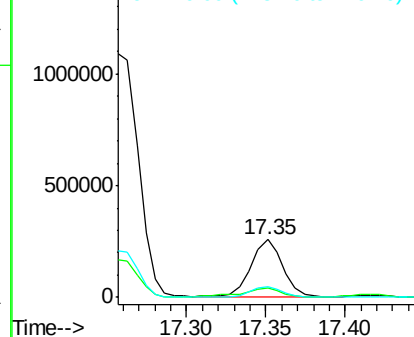


Abundance

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: 1.915 ng/ul

RT: 17.63 min Scan# 2472

Delta R.T. 0.01 min

Lab File: BM012206.D

Acq: 15 Oct 2017 13:24

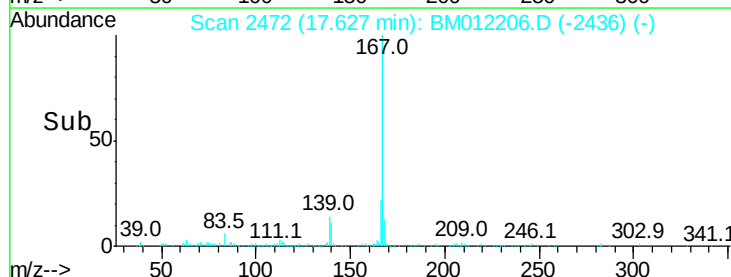
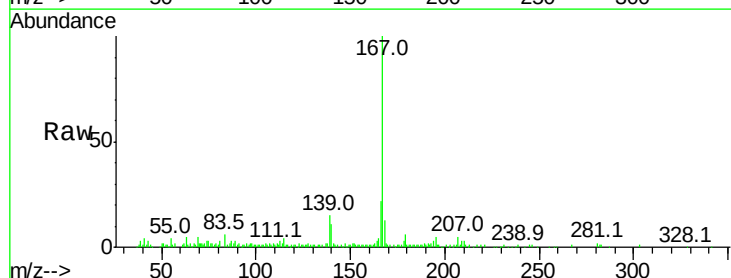
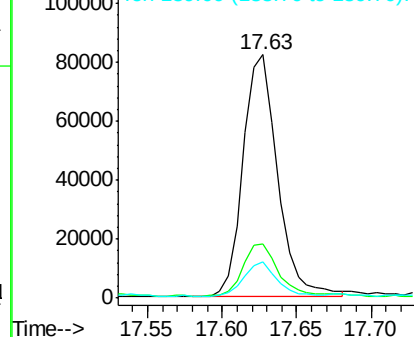
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.1	25.7
139	14.6	10.0	15.0

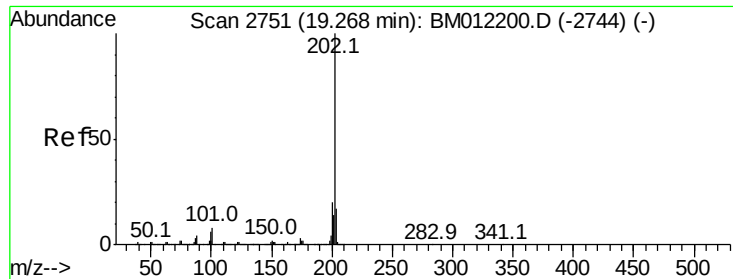
Abundance

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





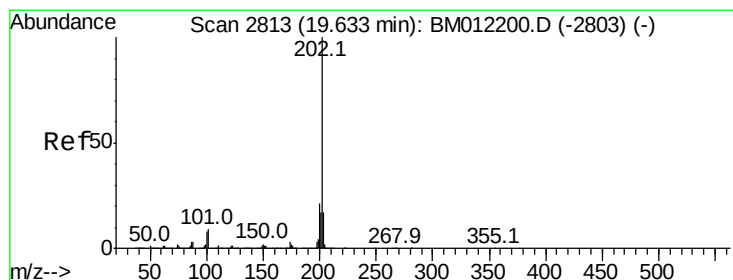
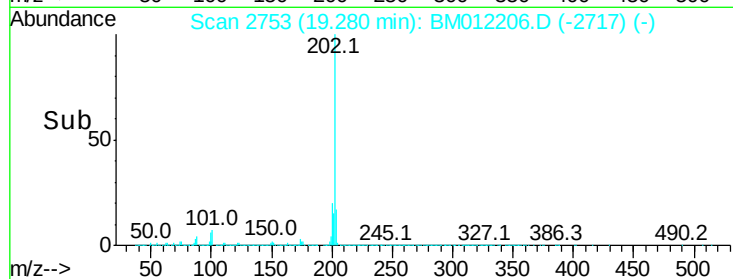
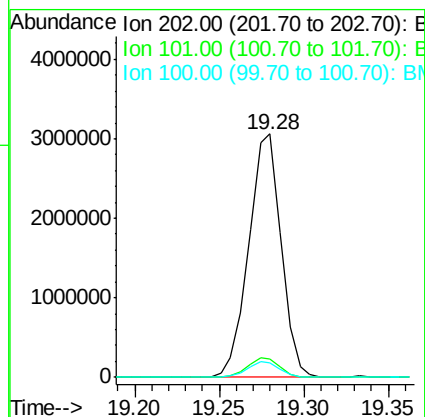
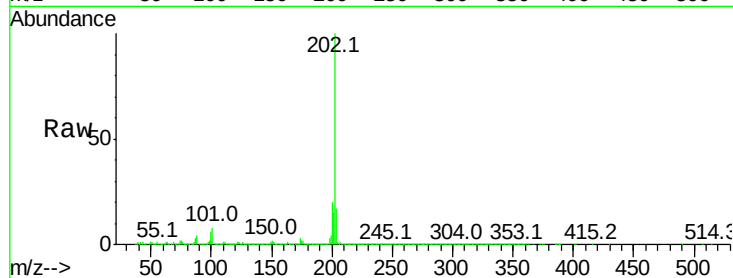
#74
 Fluoranthene
 Concen: 42.856 ng/ul
 RT: 19.28 min Scan# 2753
 Delta R.T. 0.01 min
 Lab File: BM012206.D
 Acq: 15 Oct 2017 13:24

Instrument :
 BNA_M
 ClientSampleId :
 C0AC5

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.5	4.6	7.0#
100	6.0	3.4	5.2#

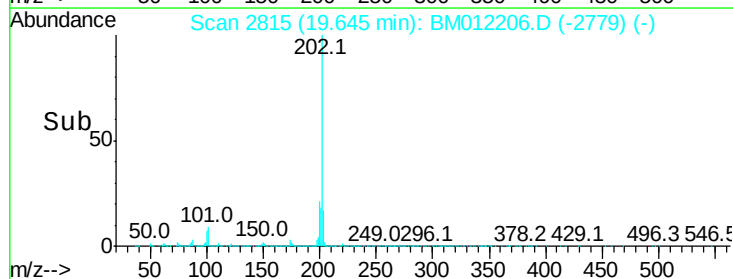
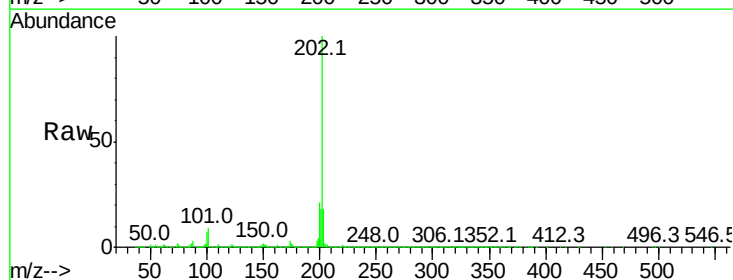
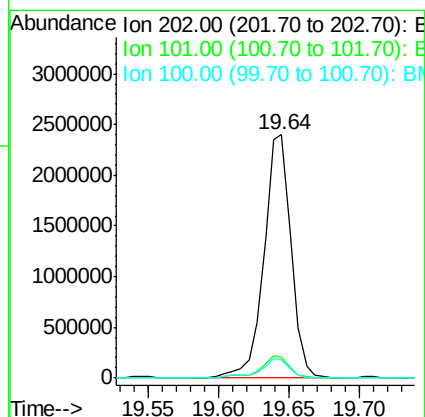
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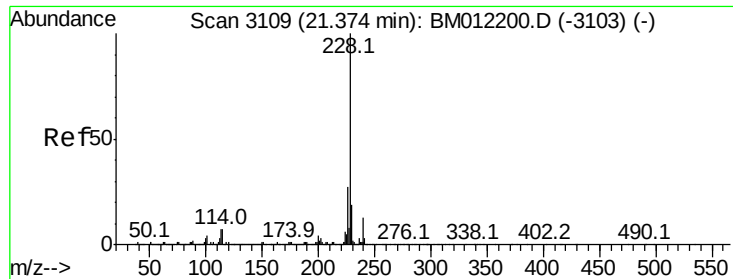
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#77
 Pyrene
 Concen: 38.166 ng/ul
 RT: 19.64 min Scan# 2815
 Delta R.T. 0.01 min
 Lab File: BM012206.D
 Acq: 15 Oct 2017 13:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	5.1	7.7#
100	7.3	4.9	7.3





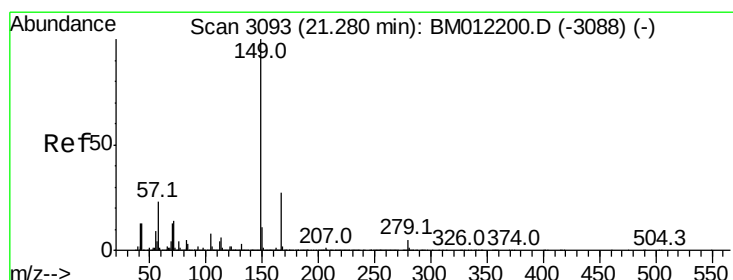
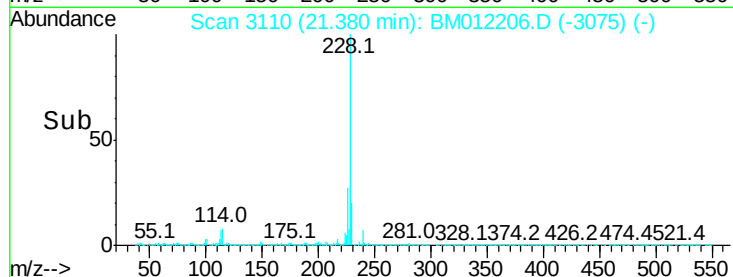
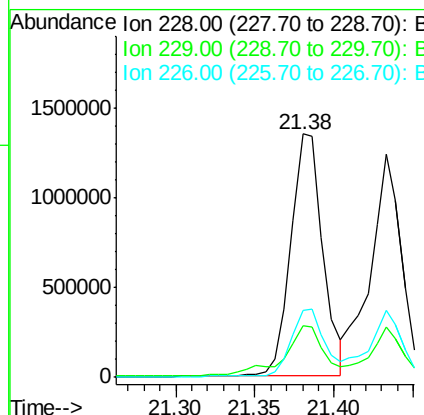
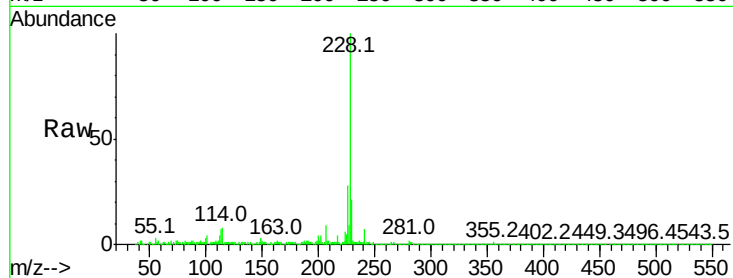
#80
Benzo(a)anthracene
Concen: 22.770 ng/ul
RT: 21.38 min Scan# 3110
Delta R.T. 0.01 min
Lab File: BM012206.D
Acq: 15 Oct 2017 13:24

Instrument :
BNA_M
ClientSampleId :
C0AC5

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.4	23.0
226	27.6	21.4	32.0

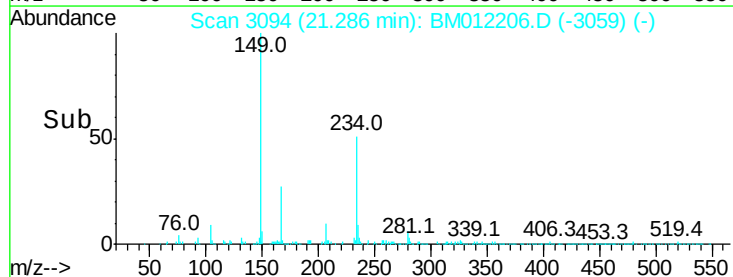
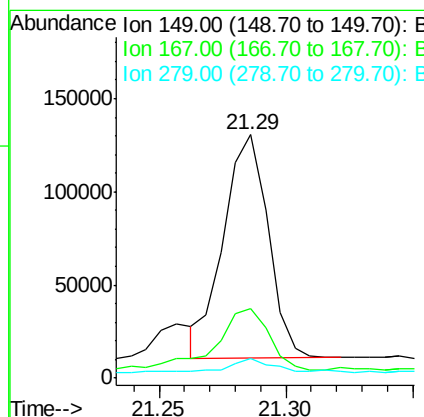
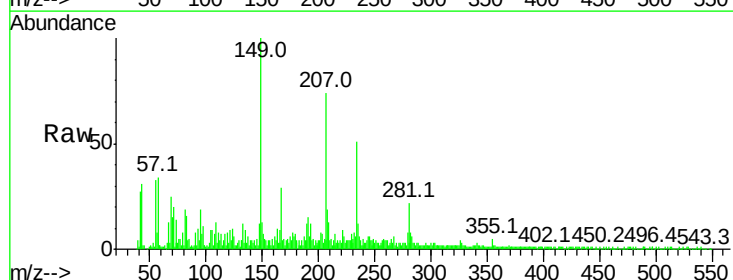
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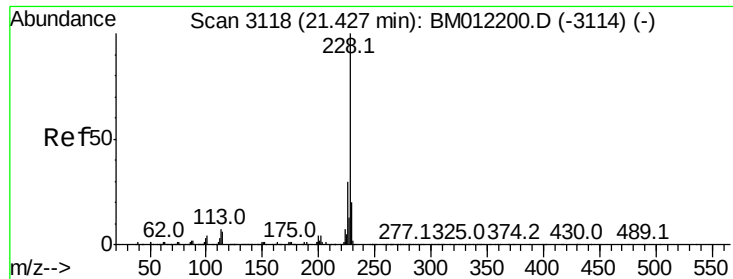
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#81
Bis(2-ethylhexyl)phthalate
Concen: 2.582 ng/ul
RT: 21.29 min Scan# 3094
Delta R.T. 0.01 min
Lab File: BM012206.D
Acq: 15 Oct 2017 13:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.8	34.2
279	7.8	4.9	7.3#





#82

Chrysene

Concen: 21.720 ng/ul

RT: 21.43 min Scan# 3119

Delta R.T. 0.01 min

Lab File: BM012206.D

Acq: 15 Oct 2017 13:24

Instrument :

BNA_M

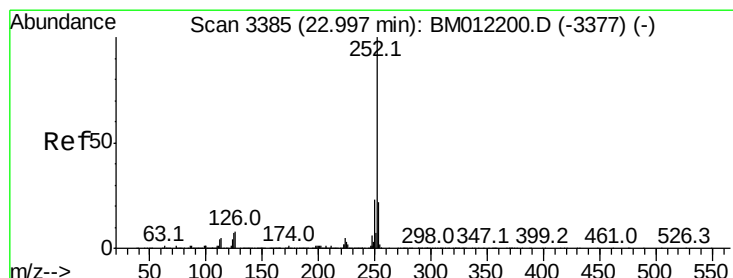
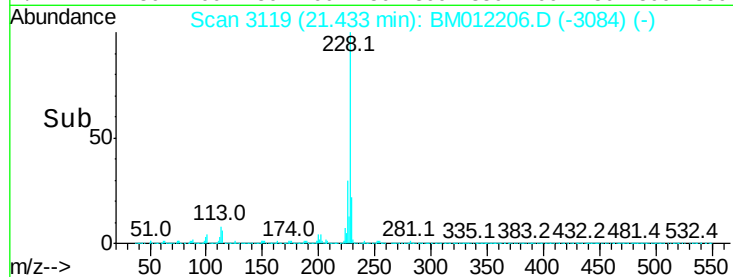
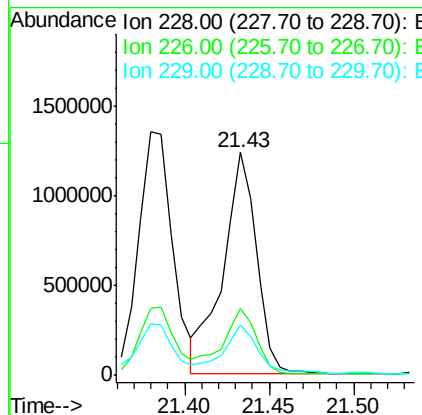
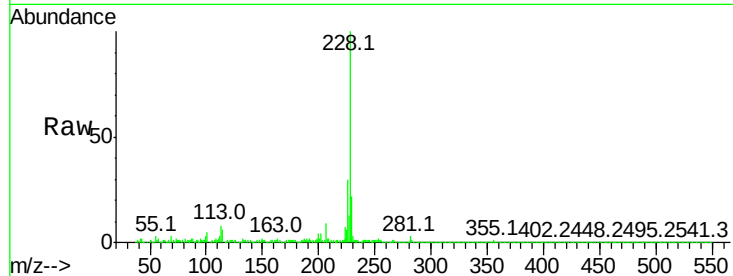
ClientSampled :

C0AC5

Tot Ion:	228	Resp:	1703801
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.2
229	22.4	15.5	23.3

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 29.576 ng/ul

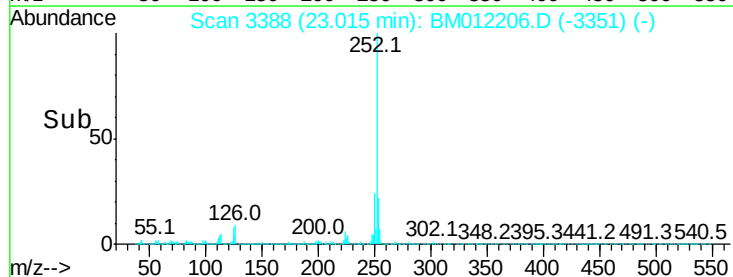
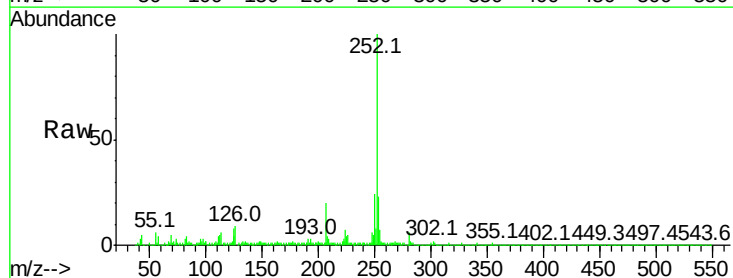
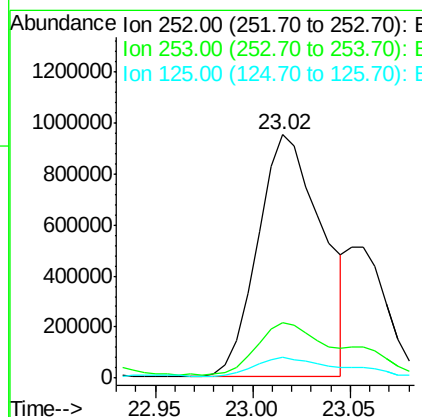
RT: 23.02 min Scan# 3388

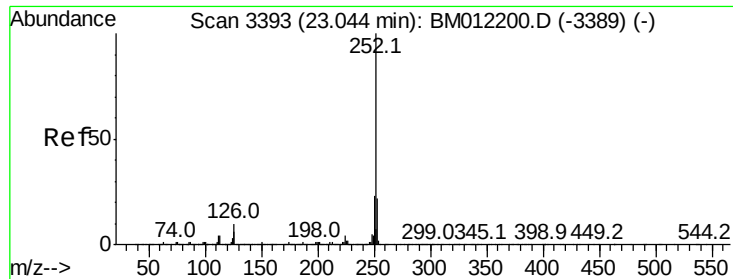
Delta R.T. 0.02 min

Lab File: BM012206.D

Acq: 15 Oct 2017 13:24

Tgt Ion:	252	Resp:	2170034
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.9	26.9
125	8.4	3.6	5.4#





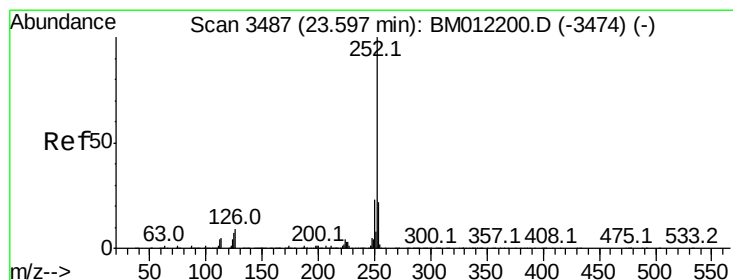
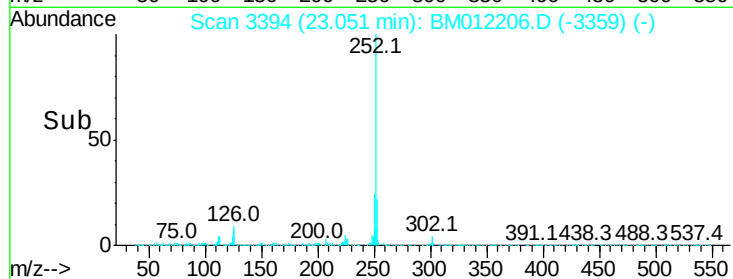
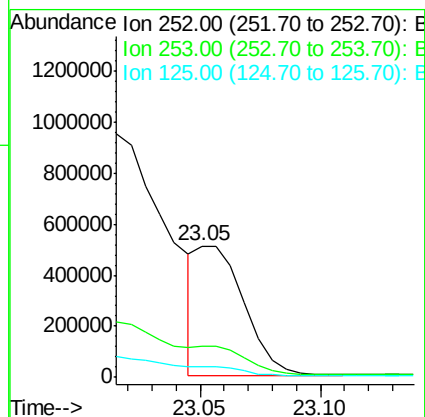
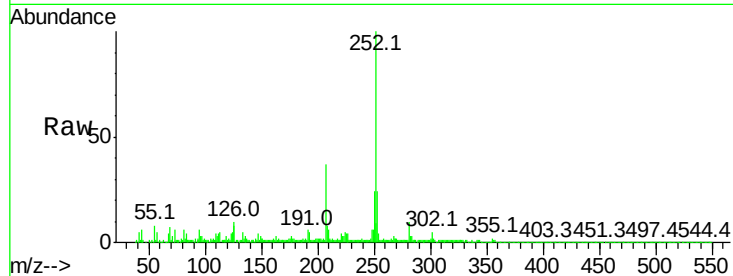
#86
Benzo(k)fluoranthene
Concen: 10.000 ng/ul m
RT: 23.05 min Scan# 3394
Delta R.T. 0.01 min
Lab File: BM012206.D
Acq: 15 Oct 2017 13:24

Instrument :
BNA_M
ClientSampleId :
C0AC5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	8.2	3.4	5.2

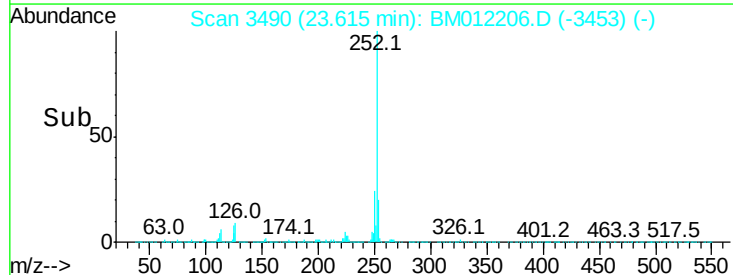
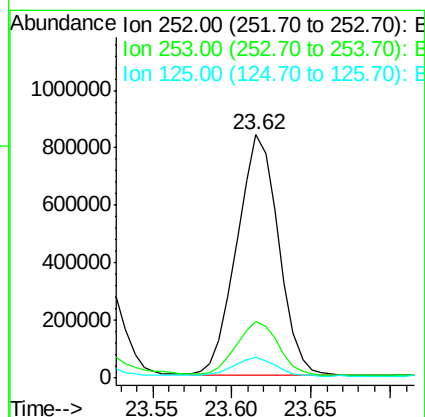
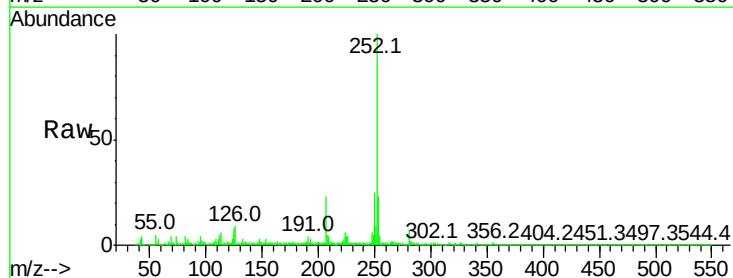
Manual Integrations
APPROVED

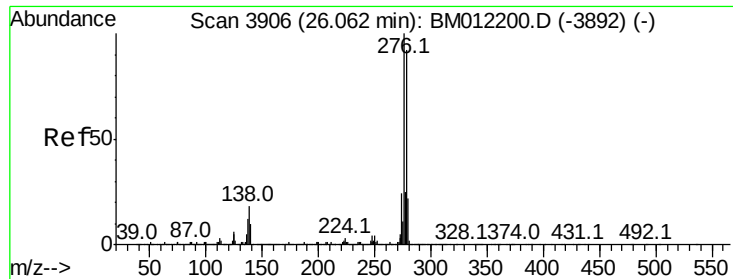
Sohil
10/16/2017 7:48:57 PM



#88
Benzo(a)pyrene
Concen: 22.004 ng/ul
RT: 23.62 min Scan# 3490
Delta R.T. 0.02 min
Lab File: BM012206.D
Acq: 15 Oct 2017 13:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	8.5	4.0	6.0





#89

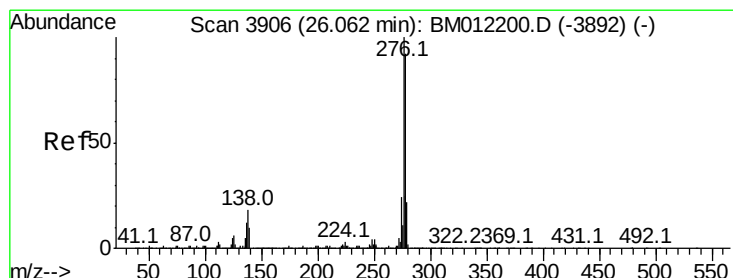
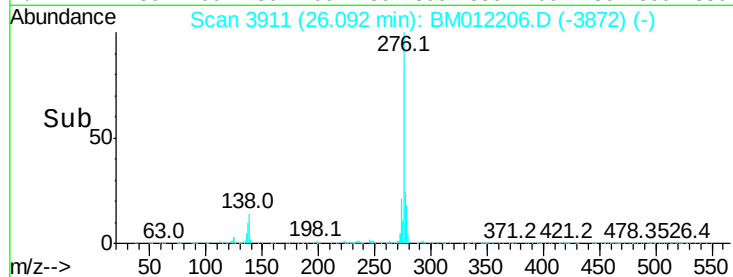
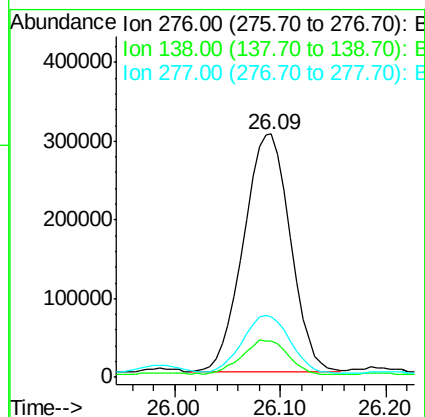
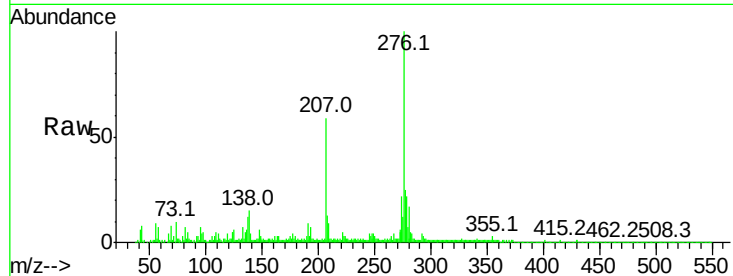
Indeno(1,2,3-cd)pyrene
Concen: 12.672 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. 0.03 min
Lab File: BM012206.D
Acq: 15 Oct 2017 13:24

Instrument :
BNA_M
ClientSampleId :
C0AC5

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	14.7	9.3	13.9#
277	25.0	19.9	29.9

Manual Integrations
APPROVED

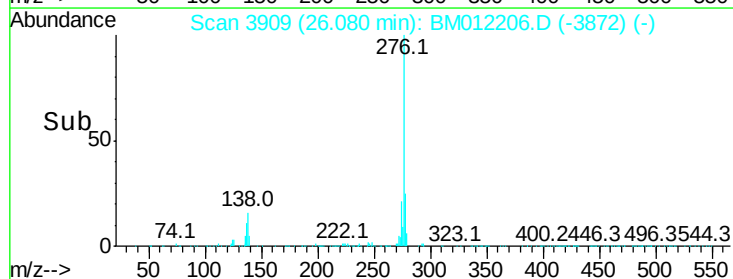
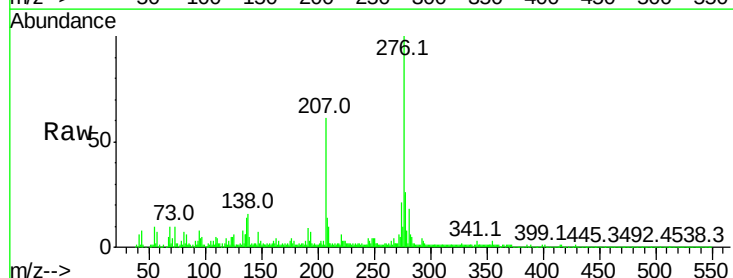
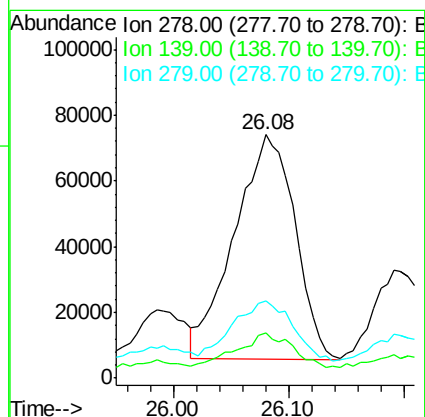
Sohil
10/16/2017 7:48:57 PM

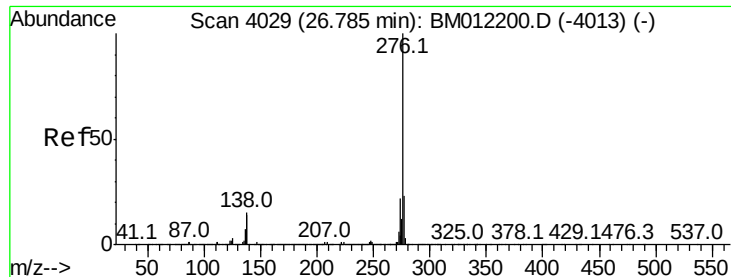


#90

Dibenzo(a,h)anthracene
Concen: 4.047 ng/ul
RT: 26.08 min Scan# 3909
Delta R.T. 0.02 min
Lab File: BM012206.D
Acq: 15 Oct 2017 13:24

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	18.4	5.8	8.8#
279	31.7	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 13.124 ng/ul

RT: 26.82 min Scan# 4035

Delta R.T. 0.04 min

Lab File: BM012206.D

Acq: 15 Oct 2017 13:24

Instrument :

BNA_M

ClientSampleId :

C0AC5

Tot Ion:	276	Resp:	789344
Ion Ratio	Lower	Upper	
276	100		
138	16.1	8.5	12.7#
277	25.8	18.6	28.0

Manual Integrations
APPROVED

Sohil
10/16/2017 7:48:57 PM

