

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
 Data File : BM002024.D
 Acq On : 23 Jul 2015 19:49
 Operator : TP/UM
 Sample : G3000-19RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02J3RE

Manual Integrations
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Quant Time: Jul 24 13:04:30 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 01:29:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	77826	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	299175	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	157342	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	319101	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	358393	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	365113	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	2870	1.80	ng/uL	0.00
5) Phenol-d5	6.79	99	70418	11.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	40896	11.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	63018	12.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	48353	9.27	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	29289	13.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	33072	13.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	61539	12.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	49453	9.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	190044	14.98	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	205950	13.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	24963	11.62	ng/ul	0.00
57) Fluorene-d10	15.27	176	140698	12.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	4238	2.05	ng/ul	0.00
70) Anthracene-d10	17.13	188	198180	13.23	ng/ul	0.00
78) Pyrene-d10	19.43	212	204312	12.48	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	197901	10.72	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.44	105	25539	3.10	ng/ul	98
28) Naphthalene	10.45	128	114671	7.59	ng/ul	99
34) 2-Methylnaphthalene	12.08	142	31768	2.82	ng/ul	96
44) Dimethylphthalate	13.74	163	177243	13.73	ng/ul	98
49) Acenaphthene	14.35	153	38444	3.68	ng/ul	99
53) Dibenzofuran	14.68	168	26615	1.77	ng/ul	100
58) Fluorene	15.33	166	38217	3.04	ng/ul	98
69) Phenanthrene	17.07	178	235517	13.62	ng/ul	99
71) Anthracene	17.16	178	51489	2.89	ng/ul	98
74) Carbazole	17.44	167	28808	1.87	ng/ul#	91
75) Di-n-butylphthalate	18.00	149	245073	13.21	ng/ul	99
76) Fluoranthene	19.10	202	283802	14.05	ng/ul	99
79) Pyrene	19.46	202	267926	12.49	ng/ul	99
82) Benzo(a)anthracene	21.22	228	120937	5.67	ng/ul#	93
83) Bis(2-ethylhexyl)phthalate	21.14	149	81483	6.82	ng/ul	96
84) Chrysene	21.27	228	123894	6.20	ng/ul#	95
87) Benzo(b)fluoranthene	22.78	252	164929	7.37	ng/ul#	87
88) Benzo(k)fluoranthene	22.82	252	52847m	2.46	ng/ul	
90) Benzo(a)pyrene	23.34	252	107325	5.11	ng/ul#	87
91) Indeno(1,2,3-cd)pyrene	25.67	276	80774	3.66	ng/ul	94
93) Benzo(g,h,i)perylene	26.36	276	79497	4.38	ng/ul#	93

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002024.D
Acq On : 23 Jul 2015 19:49
Operator : TP/UM
Sample : G3000-19RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Time: Jul 24 13:04:30 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 01:29:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

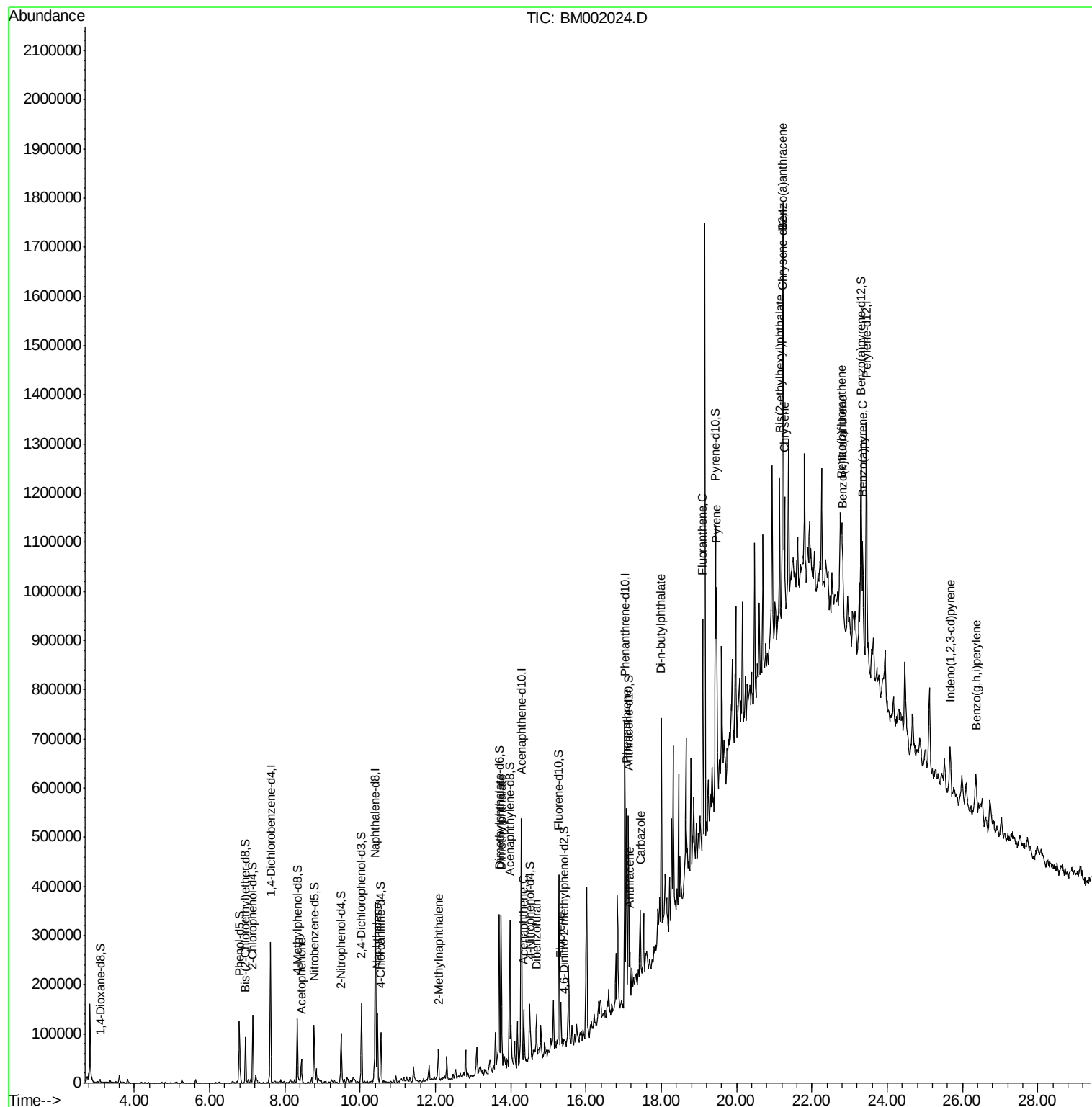
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Data File : BM002024.D
Acq On : 23 Jul 2015 19:49
Operator : TP/UM
Sample : G3000-19RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

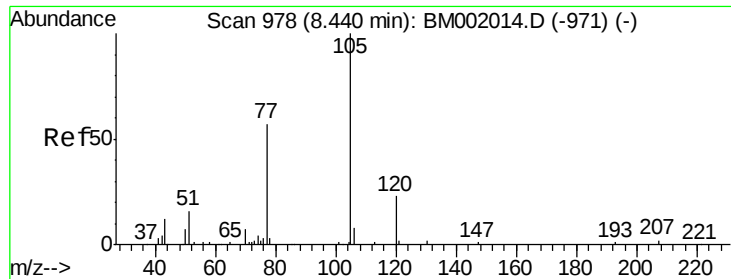
Instrument :
BNA_M
ClientSampled :
C02J3RE

Quant Time: Jul 24 13:04:30 2015
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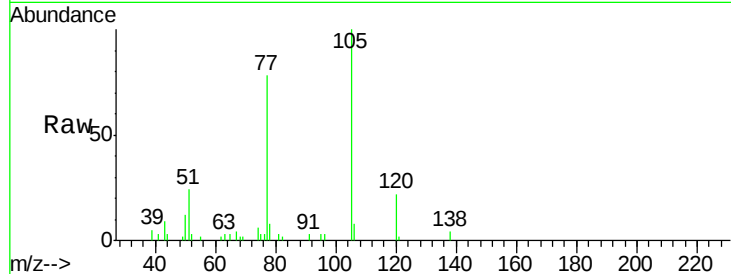
#14
Acetophenone
Concen: 3.10 ng/ul
RT: 8.44 min Scan# 978
Delta R.T. -0.00 min
Lab File: BM002024.D
Acq: 23 Jul 2015 19:49

Instrument :
BNA_M
ClientSampleId :
C02J3RE

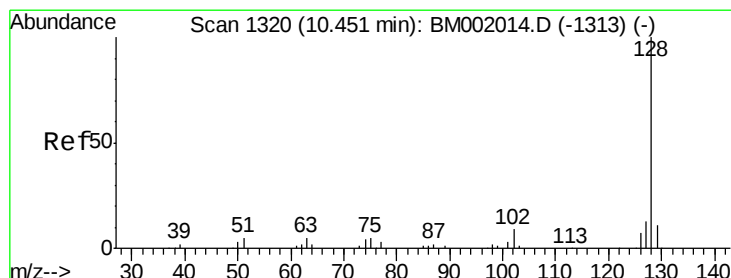
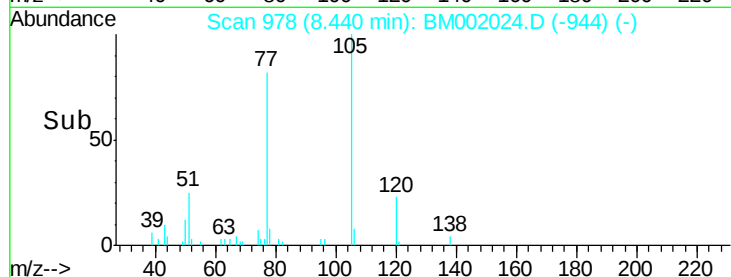
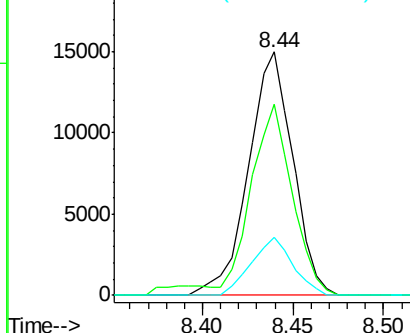
Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		25539
77	78.5	62.2	93.4
51	23.9	21.4	32.0

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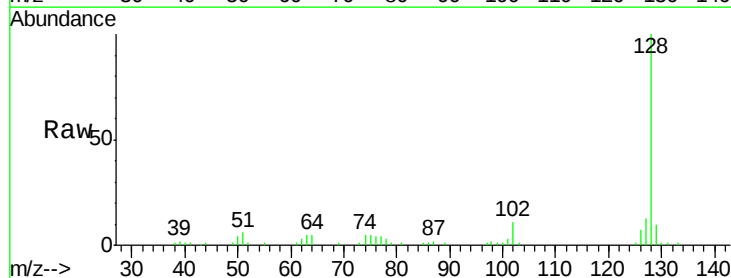


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Ion 77.00 (76.70 to 77.70): BM0
Ion 51.00 (50.70 to 51.70): BM0

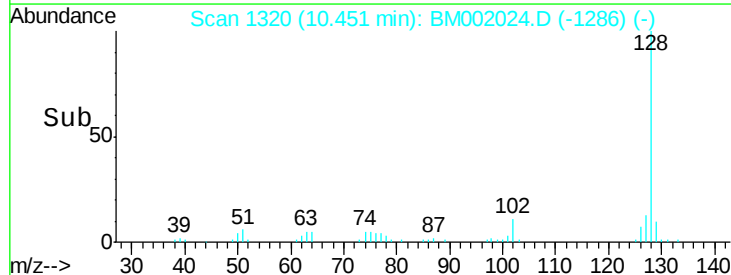
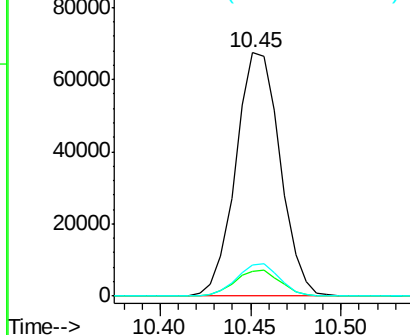


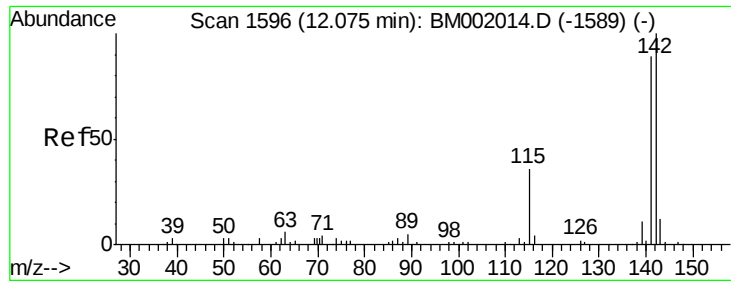
#28
Naphthalene
Concen: 7.59 ng/ul
RT: 10.45 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BM002024.D
Acq: 23 Jul 2015 19:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		114671
129	10.4	8.6	13.0
127	13.0	10.4	15.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





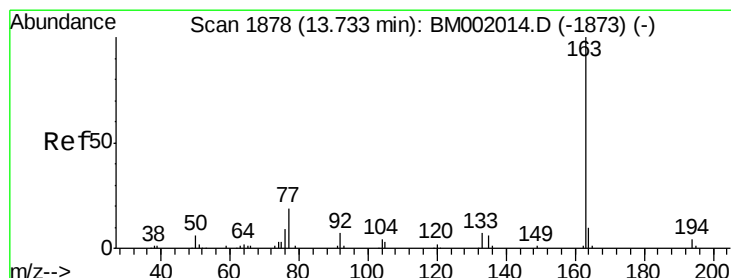
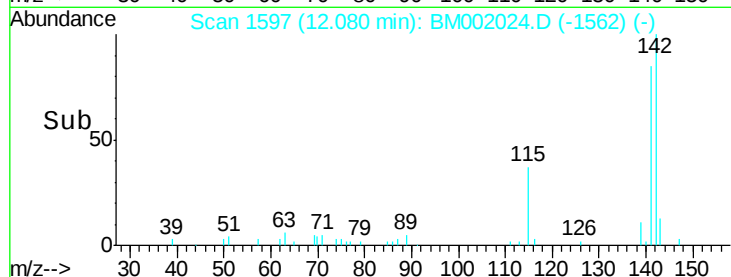
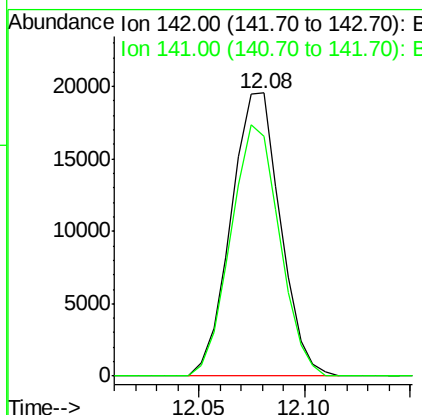
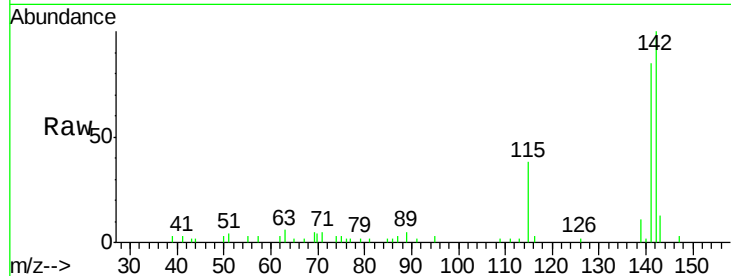
#34
 2-Methylnaphthalene
 Concen: 2.82 ng/ul
 RT: 12.08 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BM002024.D
 Acq: 23 Jul 2015 19:49

Instrument :
 BNA_M
 ClientSampleId :
 C02J3RE

Tgt Ion:142 Resp: 31768
 Ion Ratio Lower Upper
 142 100
 141 84.8 70.5 105.7

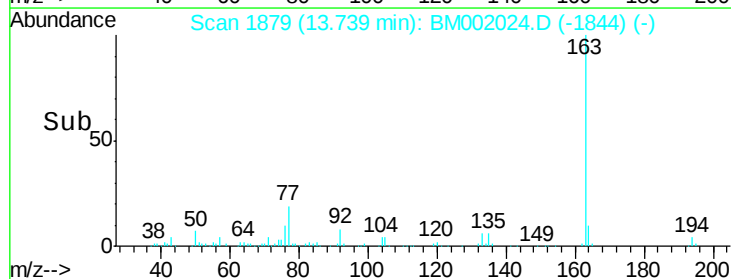
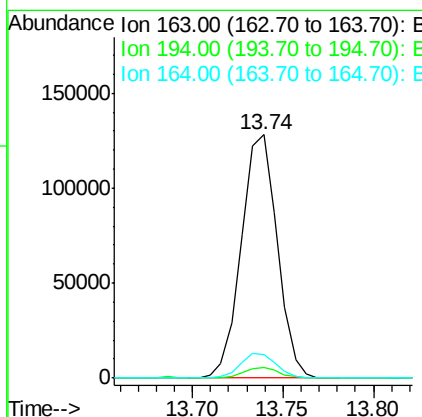
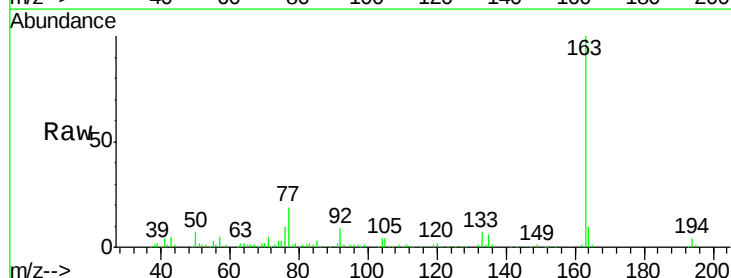
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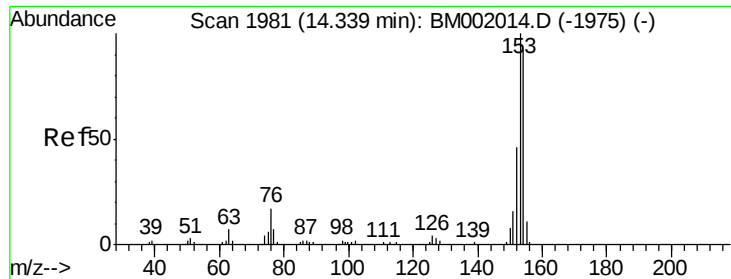
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#44
 Dimethylphthalate
 Concen: 13.73 ng/ul
 RT: 13.74 min Scan# 1879
 Delta R.T. 0.01 min
 Lab File: BM002024.D
 Acq: 23 Jul 2015 19:49

Tgt Ion:163 Resp: 177243
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.5 5.3
 164 9.5 8.2 12.4





#49

Acenaphthene

Concen: 3.68 ng/ul

RT: 14.35 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BM002024.D

Acq: 23 Jul 2015 19:49

Instrument :

BNA_M

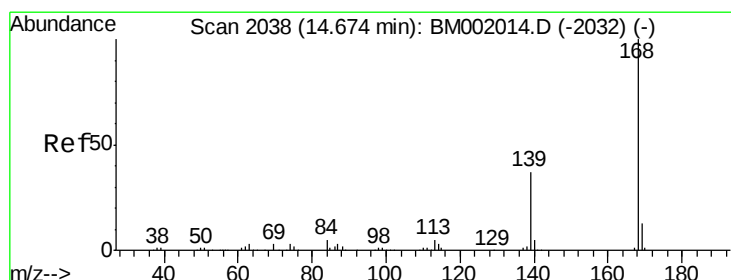
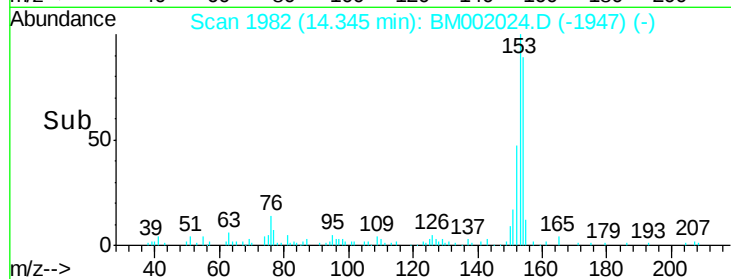
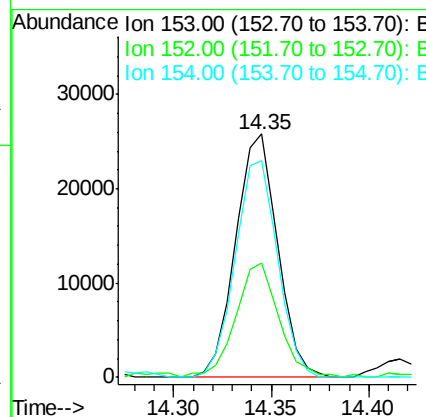
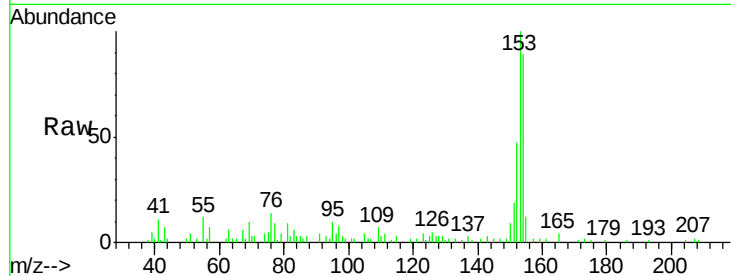
ClientSampleId :

C02J3RE

Tgt Ion:	153	Resp:	38444
Ion Ratio	Lower	Upper	
153	100		
152	47.0	37.2	55.8
154	88.8	72.2	108.2

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#53

Dibenzofuran

Concen: 1.77 ng/ul

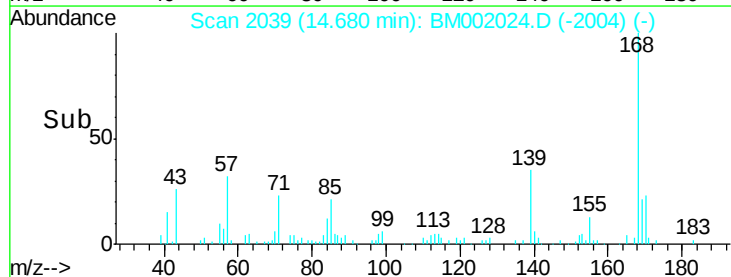
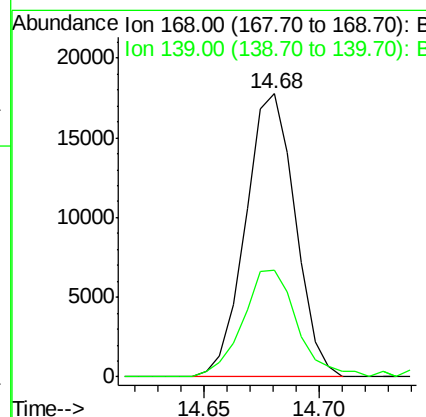
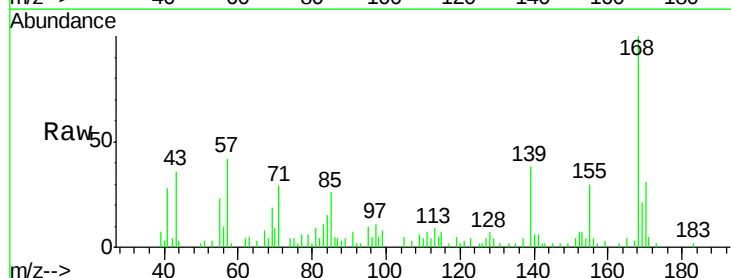
RT: 14.68 min Scan# 2039

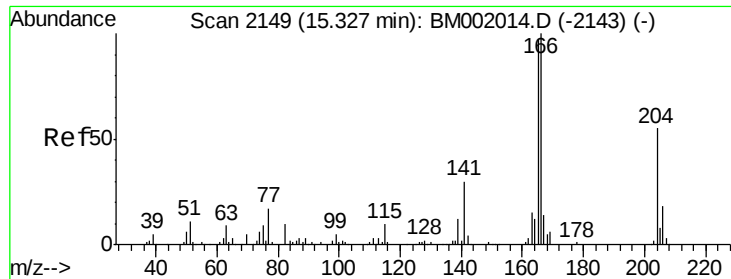
Delta R.T. 0.01 min

Lab File: BM002024.D

Acq: 23 Jul 2015 19:49

Tgt Ion:	168	Resp:	26615
Ion Ratio	Lower	Upper	
168	100		
139	37.6	30.2	45.4





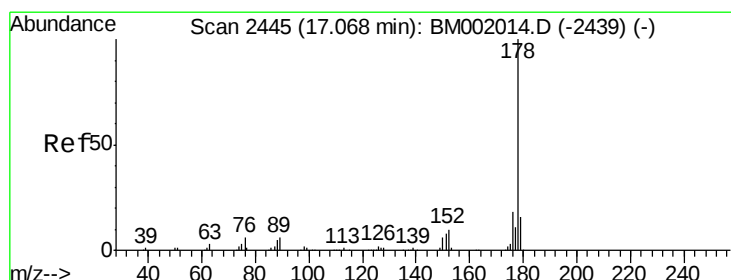
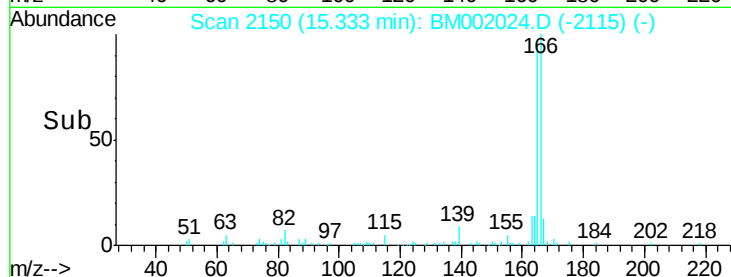
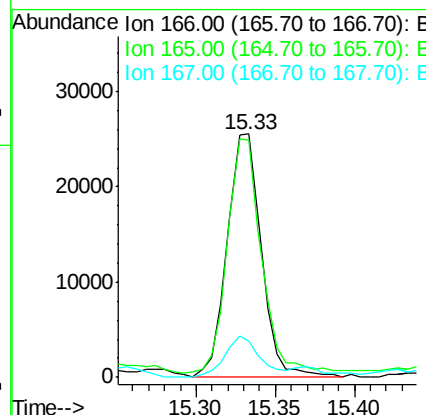
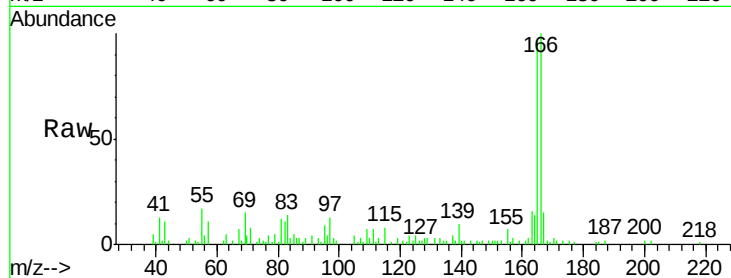
#58
 Fluorene
 Concen: 3.04 ng/ul
 RT: 15.33 min Scan# 2150
 Delta R.T. 0.01 min
 Lab File: BM002024.D
 Acq: 23 Jul 2015 19:49

Instrument :
 BNA_M
 ClientSampleId :
 C02J3RE

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	38217		
165	97.5	76.7	115.1	
167	15.0	10.6	15.8	

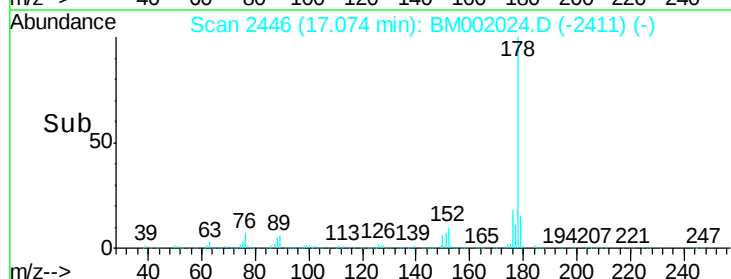
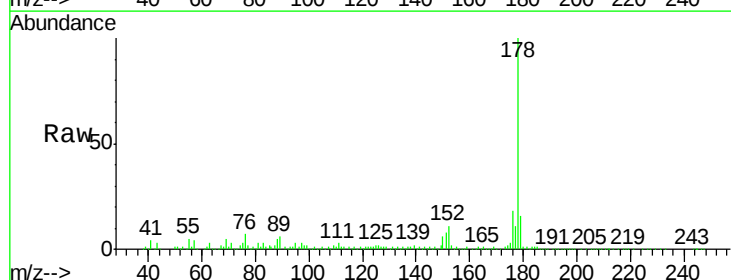
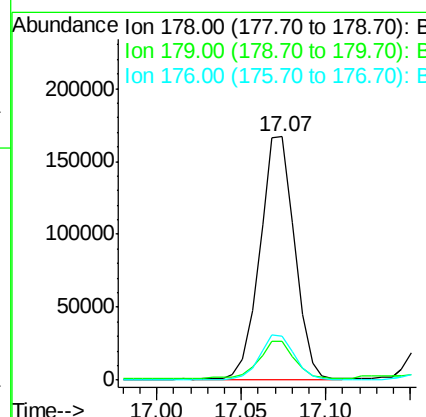
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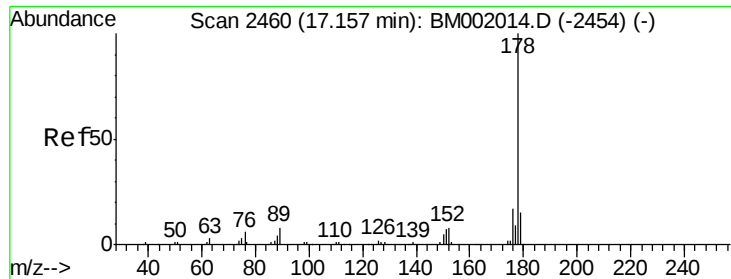
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#69
 Phenanthrene
 Concen: 13.62 ng/ul
 RT: 17.07 min Scan# 2446
 Delta R.T. 0.01 min
 Lab File: BM002024.D
 Acq: 23 Jul 2015 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	235517		
179	15.9	12.1	18.1	
176	18.0	14.6	21.8	





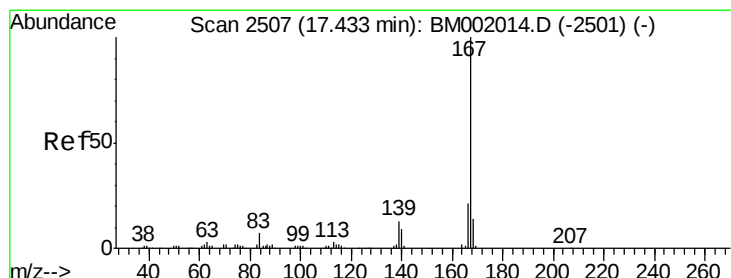
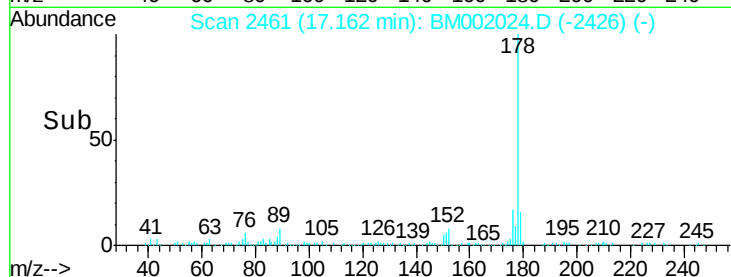
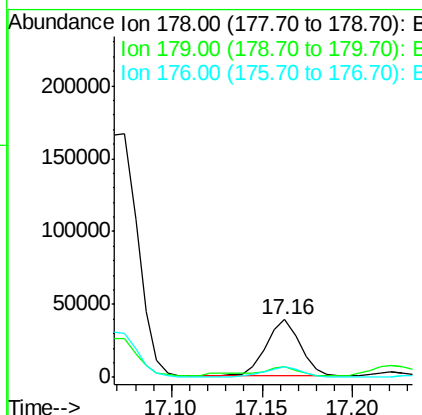
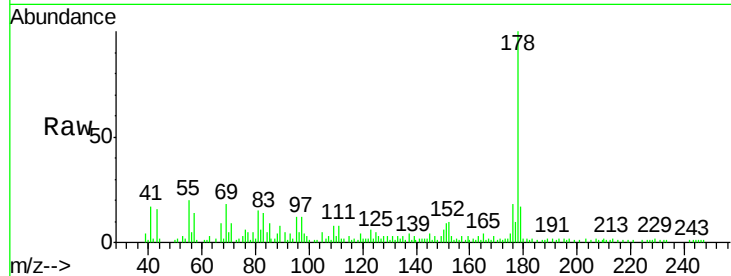
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 Anthracene
 Concen: 2.89 ng/ul
 RT: 17.16 min Scan# 2461
 Delta R.T. 0.01 min
 Lab File: BM002024.D
 Acq: 23 Jul 2015 19:49

Instrument :
 BNA_M
 ClientSampleId :
 C02J3RE

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.4	18.6
176	18.0	14.3	21.5

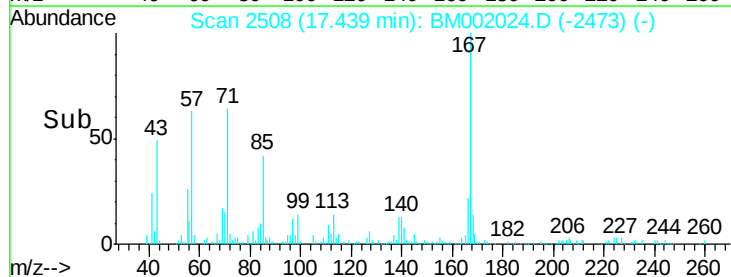
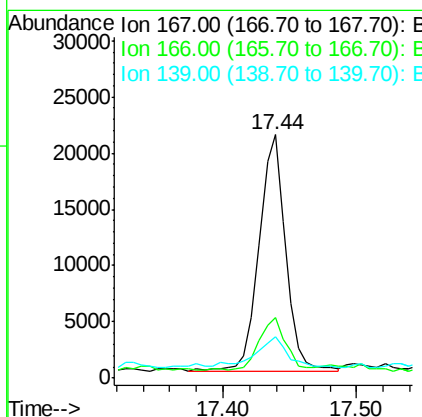
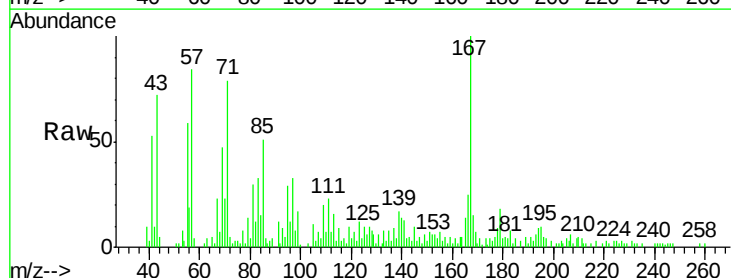
Manual Integrations
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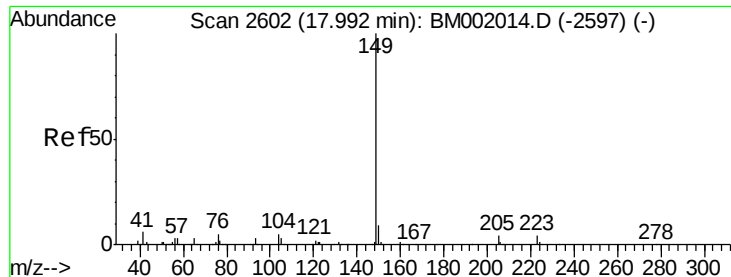
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#74
 Carbazole
 Concen: 1.87 ng/ul
 RT: 17.44 min Scan# 2508
 Delta R.T. 0.01 min
 Lab File: BM002024.D
 Acq: 23 Jul 2015 19:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.8	16.8	25.2
139	17.1	10.2	15.2#





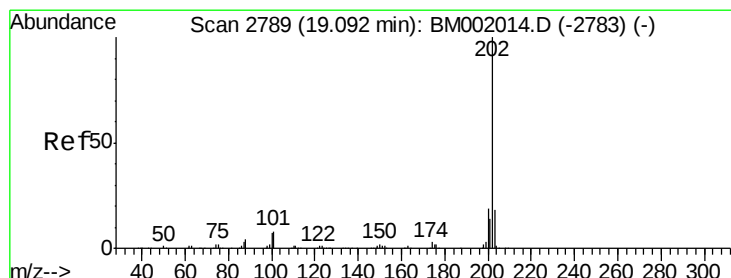
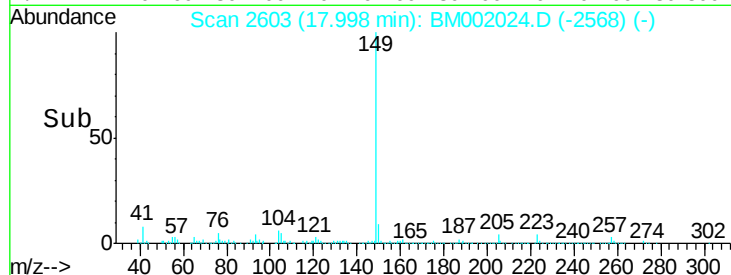
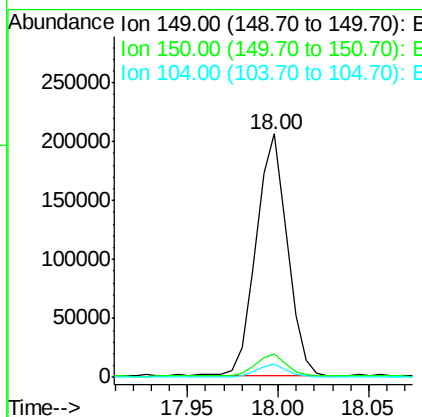
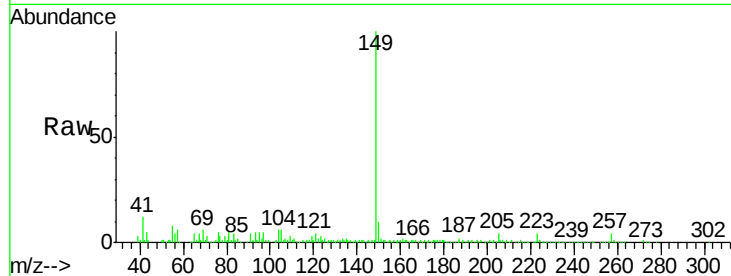
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Di-n-butylphthalate
Concen: 13.21 ng/ul
RT: 18.00 min Scan# 2603
Delta R.T. 0.01 min
Lab File: BM002024.D
Acq: 23 Jul 2015 19:49

Instrument :
BNA_M
ClientSampleId :
C02J3RE

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
150	9.6	7.3	10.9
104	5.6	4.3	6.5

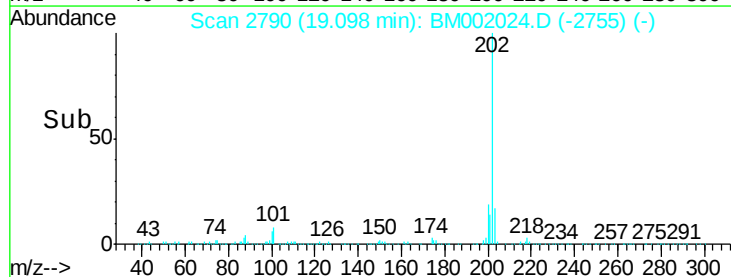
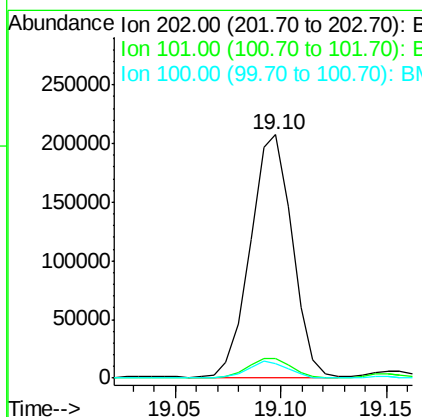
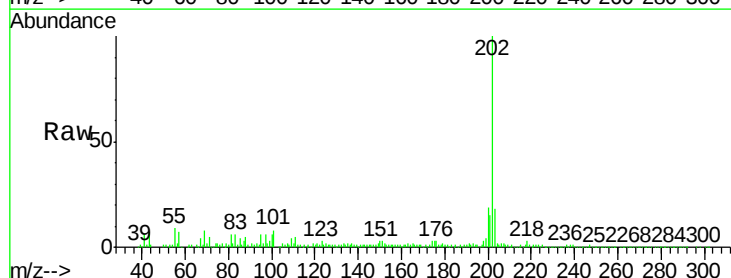
Manual Integrations
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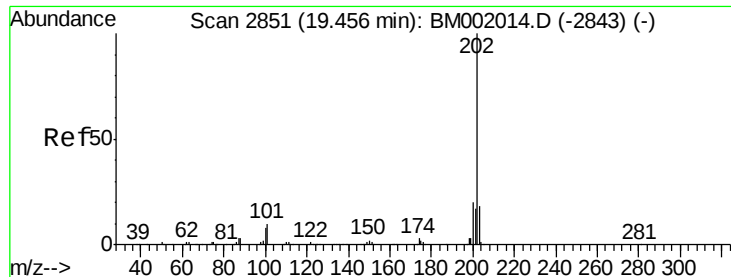
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#76
Fluoranthene
Concen: 14.05 ng/ul
RT: 19.10 min Scan# 2790
Delta R.T. 0.01 min
Lab File: BM002024.D
Acq: 23 Jul 2015 19:49

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.2	6.3	9.5
100	5.7	5.0	7.4





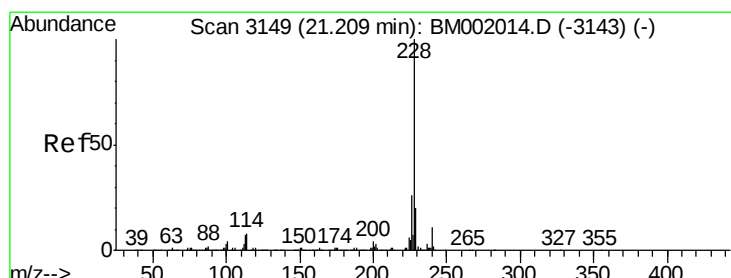
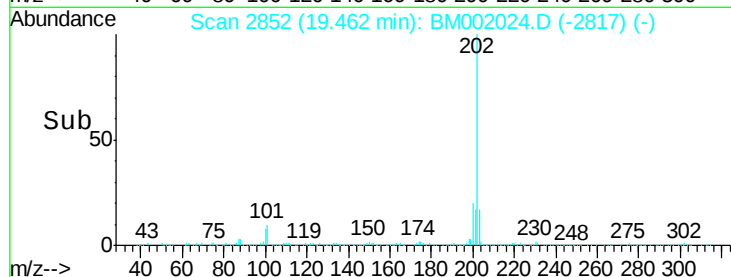
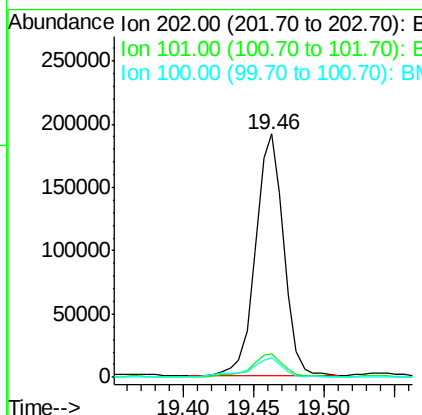
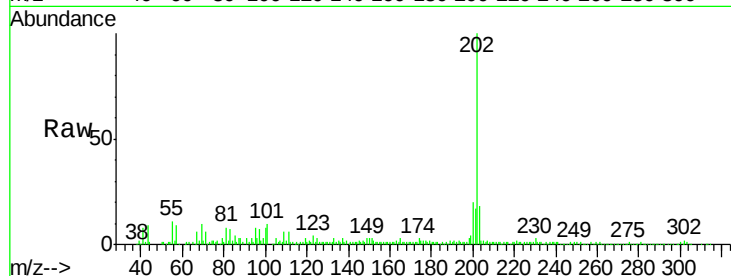
#79
Pyrene
Concen: 12.49 ng/ul
RT: 19.46 min Scan# 2852
Delta R.T. 0.01 min
Lab File: BM002024.D
Acq: 23 Jul 2015 19:49

Instrument :
BNA_M
ClientSampleId :
C02J3RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.9	7.3	10.9
100	8.0	6.2	9.4

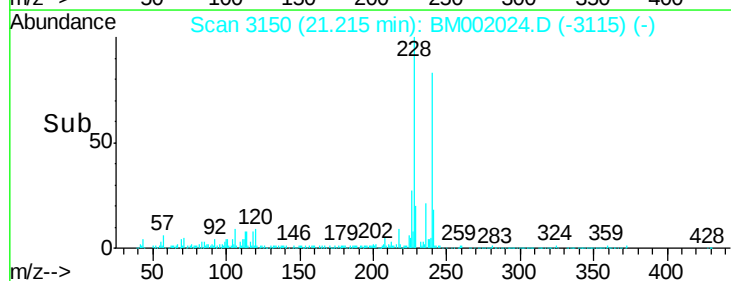
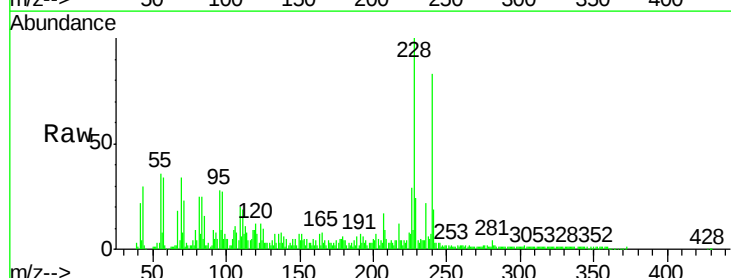
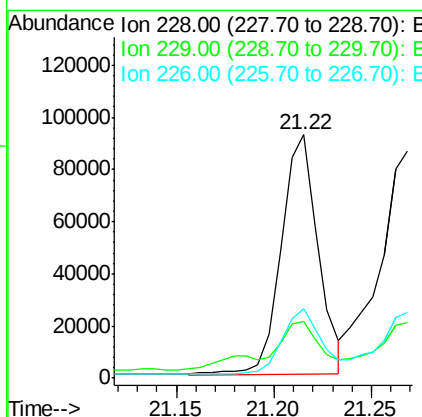
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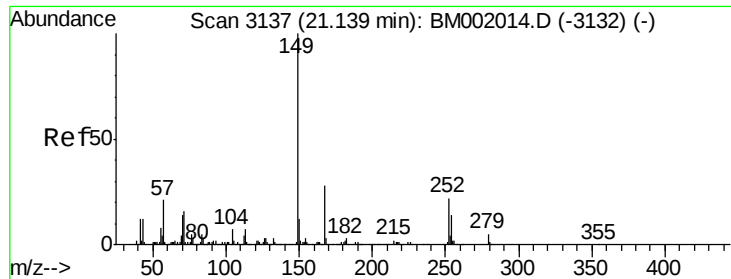
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#82
Benzo(a)anthracene
Concen: 5.67 ng/ul
RT: 21.22 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BM002024.D
Acq: 23 Jul 2015 19:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	23.5	15.4	23.2#
226	28.7	20.7	31.1





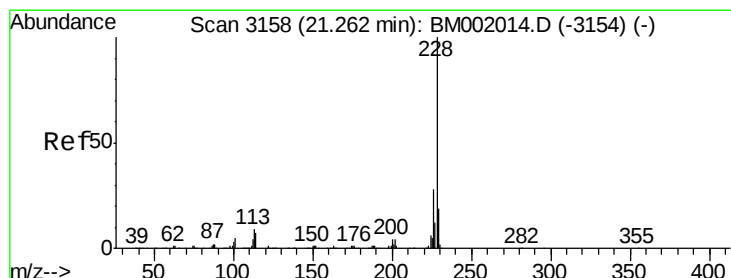
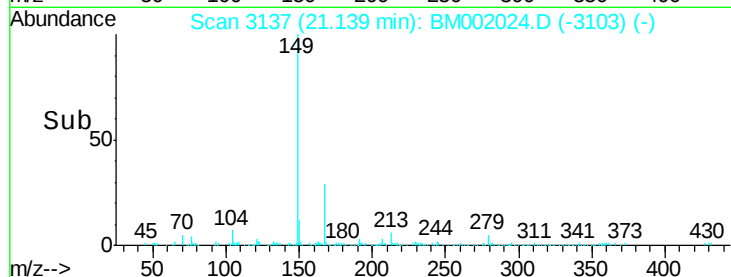
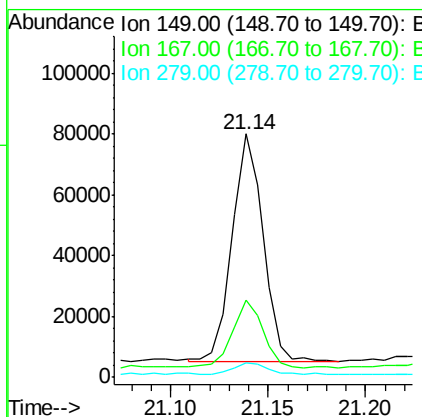
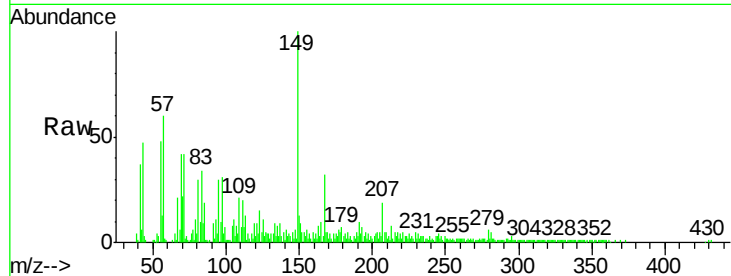
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.82 ng/ul
 RT: 21.14 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BM002024.D
 Acq: 23 Jul 2015 19:49

Instrument :
 BNA_M
 ClientSampleId :
 C02J3RE

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.7	23.2	34.8
279	5.9	4.5	6.7

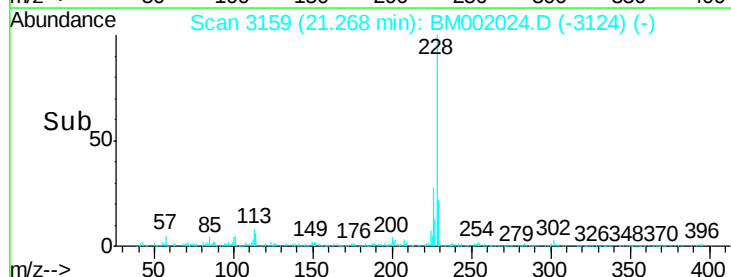
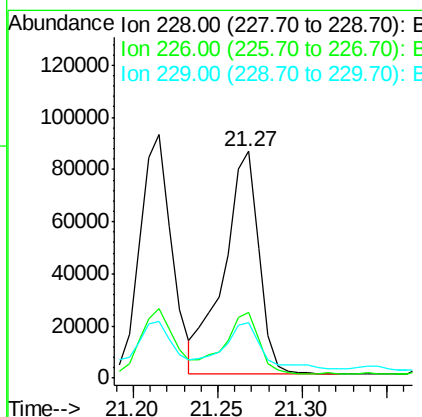
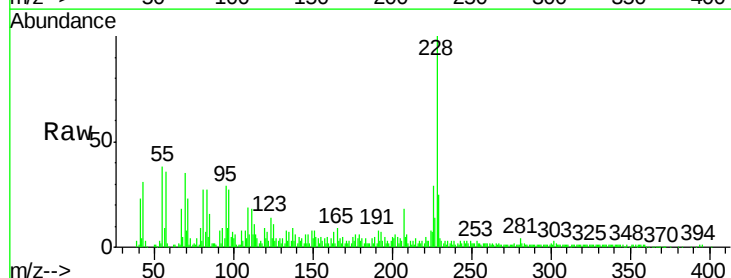
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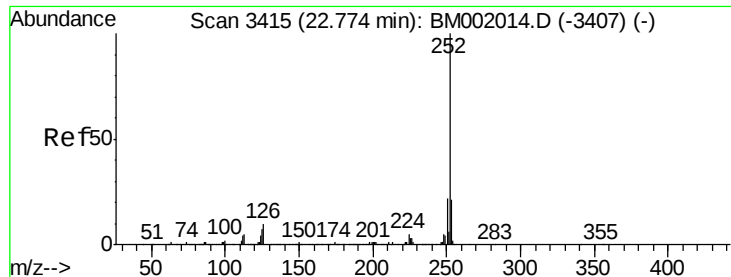
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#84
 Chrysene
 Concen: 6.20 ng/ul
 RT: 21.27 min Scan# 3159
 Delta R.T. 0.01 min
 Lab File: BM002024.D
 Acq: 23 Jul 2015 19:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.0	34.4
229	24.6	15.6	23.4#





#87

Benzo(b)fluoranthene

Concen: 7.37 ng/ul

RT: 22.78 min Scan# 3416

Delta R.T. 0.01 min

Lab File: BM002024.D

Acq: 23 Jul 2015 19:49

Instrument :

BNA_M

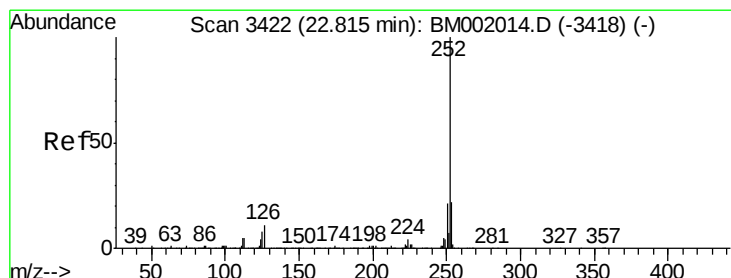
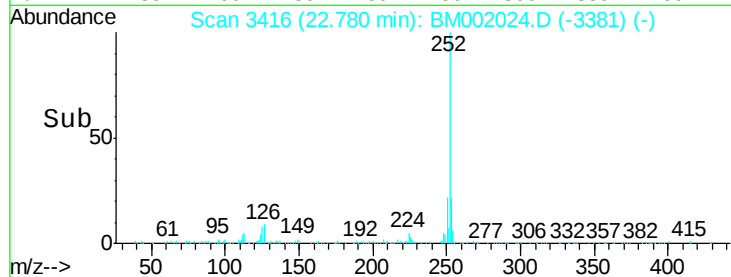
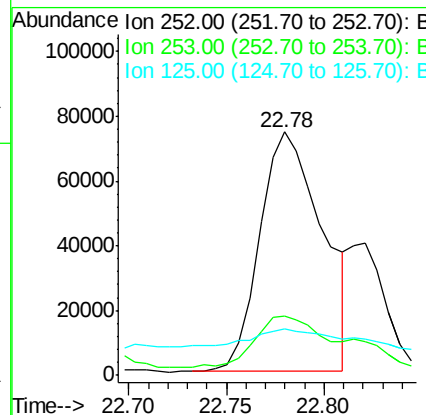
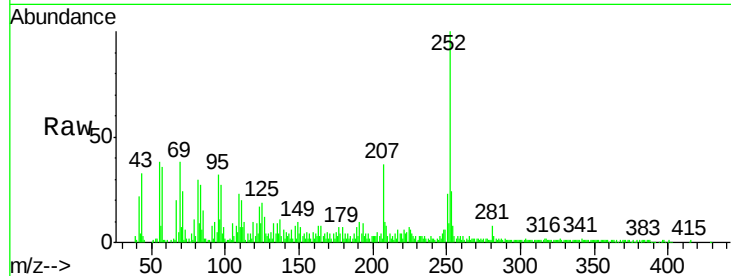
ClientSampleId :

C02J3RE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.2	25.8
125	19.2	5.3	7.9#

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#88

Benzo(k)fluoranthene

Concen: 2.46 ng/ul m

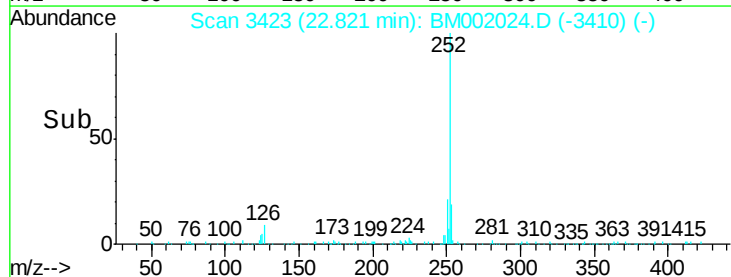
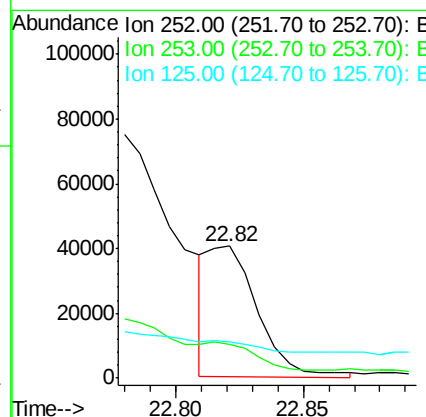
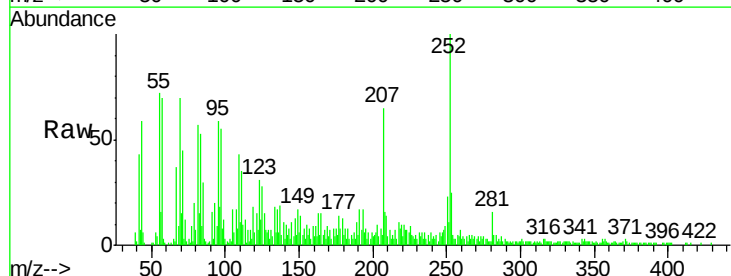
RT: 22.82 min Scan# 3423

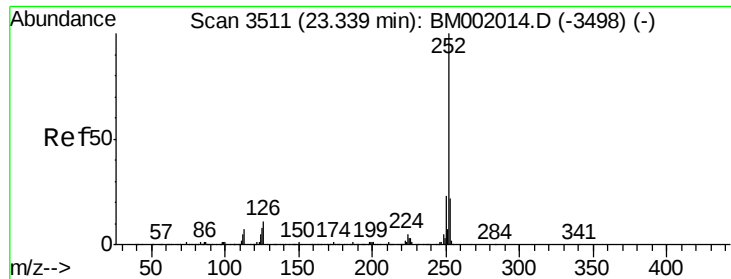
Delta R.T. 0.01 min

Lab File: BM002024.D

Acq: 23 Jul 2015 19:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.4	26.2
125	27.7	5.1	7.7#





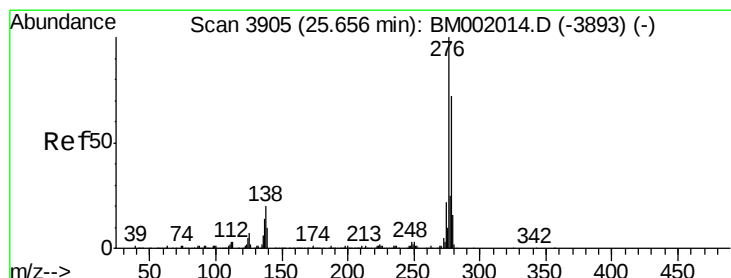
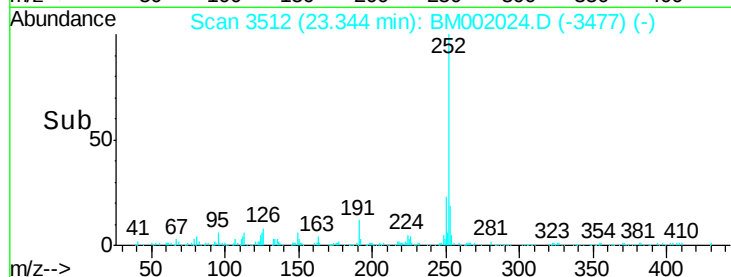
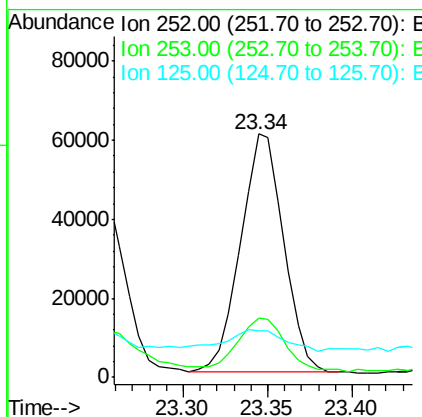
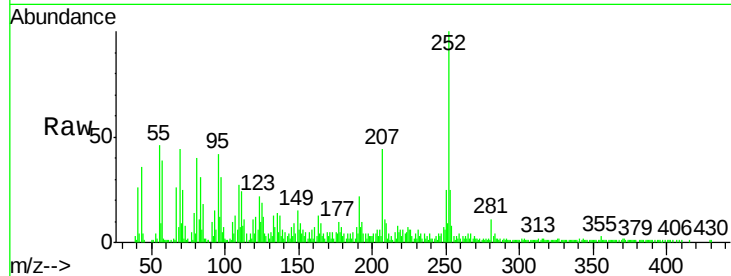
#90
Benzo(a)pyrene
Concen: 5.11 ng/ul
RT: 23.34 min Scan# 3512
Delta R.T. 0.01 min
Lab File: BM002024.D
Acq: 23 Jul 2015 19:49

Instrument :
BNA_M
ClientSampleId :
C02J3RE

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	107325		
253	24.6	17.6	26.4	
125	19.2	6.0	9.0	

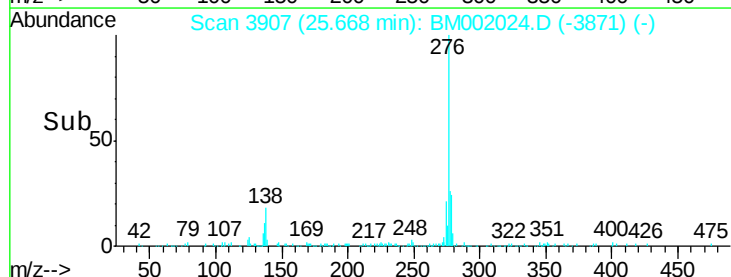
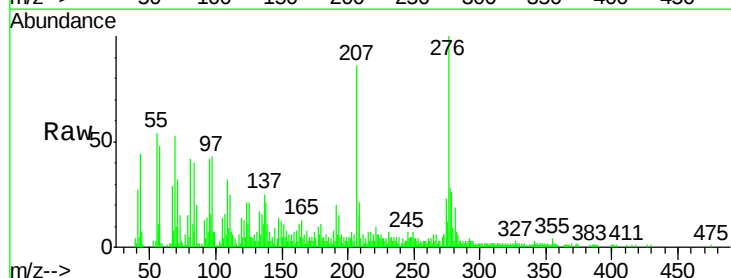
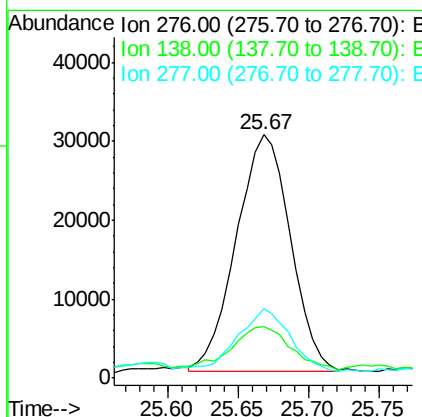
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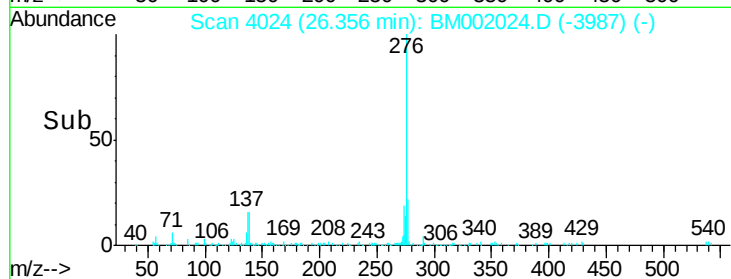
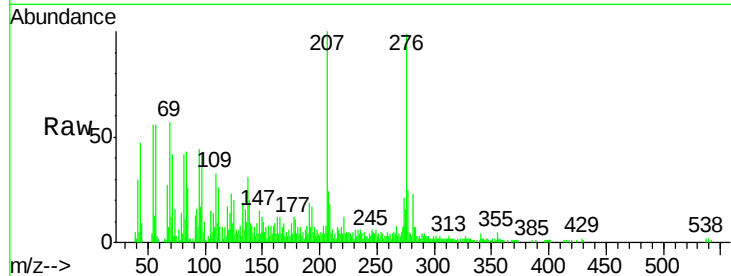
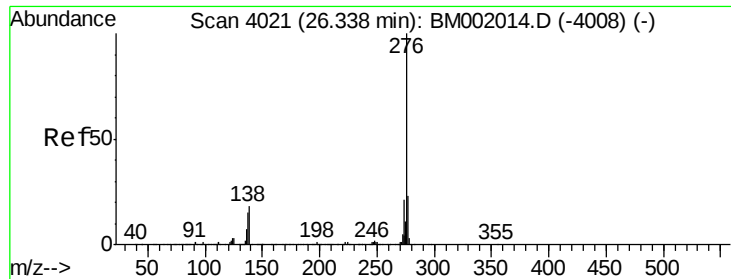
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#91
Indeno(1,2,3-cd)pyrene
Concen: 3.66 ng/ul
RT: 25.67 min Scan# 3907
Delta R.T. 0.01 min
Lab File: BM002024.D
Acq: 23 Jul 2015 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	80774		
138	21.3	15.2	22.8	
277	28.4	20.1	30.1	





#93

Benzo(g,h,i)perylene

Concen: 4.38 ng/ul

RT: 26.36 min Scan# 4024

Delta R.T. 0.02 min

Lab File: BM002024.D

Acq: 23 Jul 2015 19:49

Tgt	Ion	276	Resp:	79497
Ion	Ratio	100	Lower	Upper
276	100			
138	20.3	12.7	19.1#	
277	25.5	18.6	28.0	

Instrument :

BNA_M

ClientSampleId :

C02J3RE

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