

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
 Data File : BM002018.D
 Acq On : 23 Jul 2015 16:09
 Operator : TP/UM
 Sample : G3000-09RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02B4RE

Manual Integrations
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Quant Time: Jul 24 12:55:15 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	94942	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	370377	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	196303	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	389560	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	402283	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	409983	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	1872	0.96	ng/uL	0.00
5) Phenol-d5	6.79	99	47909	6.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	29258	6.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	42225	6.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	20827	3.27	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	20219	7.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	20461	6.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	38753	6.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	26831	4.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	120201	7.59	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	124455	6.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	12281	4.58	ng/ul	0.00
57) Fluorene-d10	15.27	176	83911	6.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	1799	0.71	ng/ul	0.00
70) Anthracene-d10	17.12	188	111531	6.10	ng/ul	0.00
78) Pyrene-d10	19.43	212	107130	5.83	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	91282	4.40	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.44	105	20316	2.02	ng/ul	94
44) Dimethylphthalate	13.73	163	123448	7.66	ng/ul	100
69) Phenanthrene	17.07	178	119847	5.68	ng/ul	97
71) Anthracene	17.16	178	28442	1.31	ng/ul	94
76) Fluoranthene	19.09	202	236614	9.59	ng/ul	99
79) Pyrene	19.46	202	210437	8.74	ng/ul	99
82) Benzo(a)anthracene	21.21	228	117879	4.92	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.14	149	166978	12.45	ng/ul	98
84) Chrysene	21.26	228	117980	5.26	ng/ul	97
87) Benzo(b)fluoranthene	22.78	252	173492	6.90	ng/ul#	91
88) Benzo(k)fluoranthene	22.82	252	51029m	2.11	ng/ul	
90) Benzo(a)pyrene	23.34	252	103646	4.39	ng/ul#	92
91) Indeno(1,2,3-cd)pyrene	25.67	276	80361	3.24	ng/ul	98
93) Benzo(g,h,i)perylene	26.35	276	77850	3.82	ng/ul#	90

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

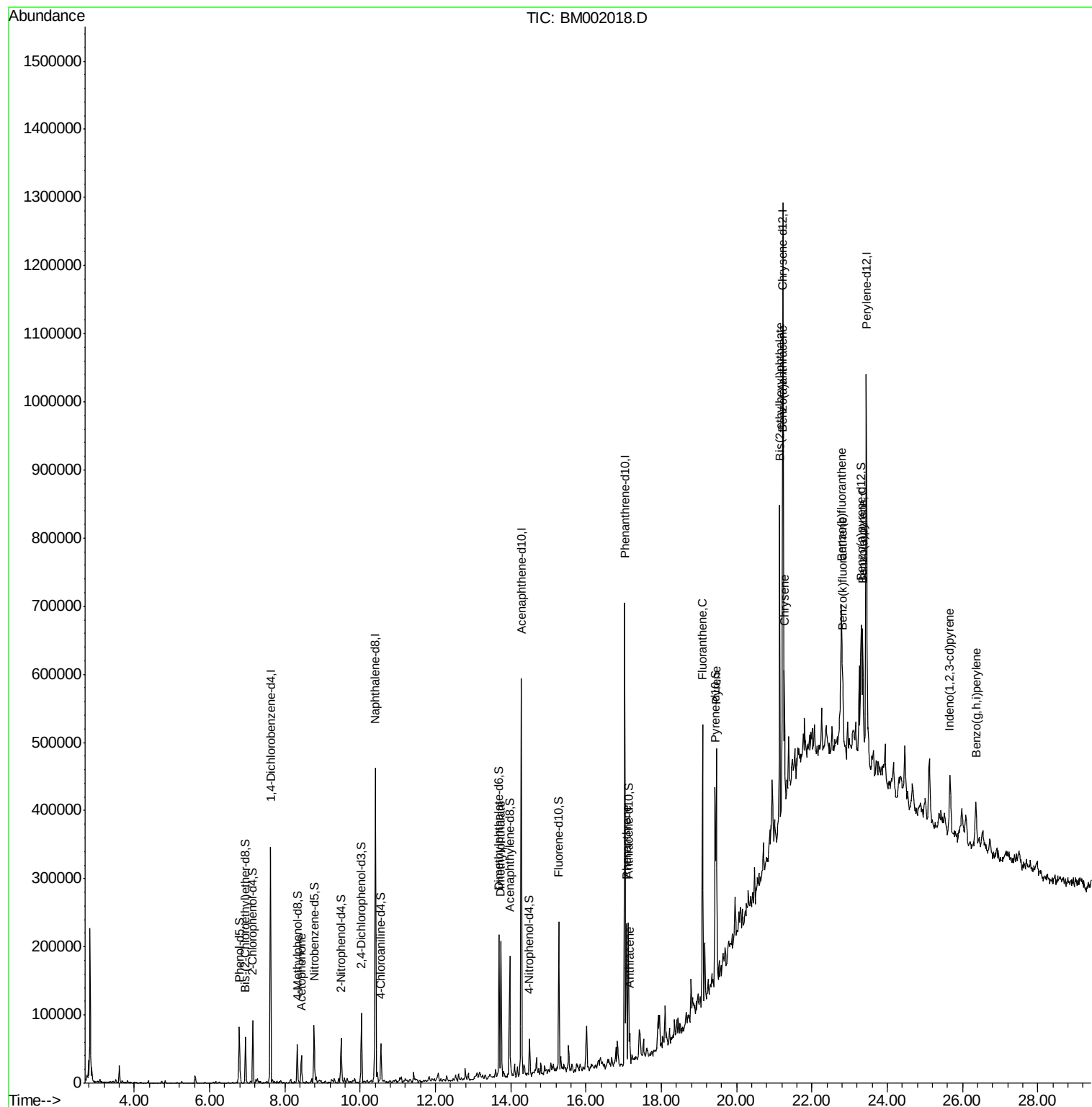
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002018.D
Acq On : 23 Jul 2015 16:09
Operator : TP/UM
Sample : G3000-09RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

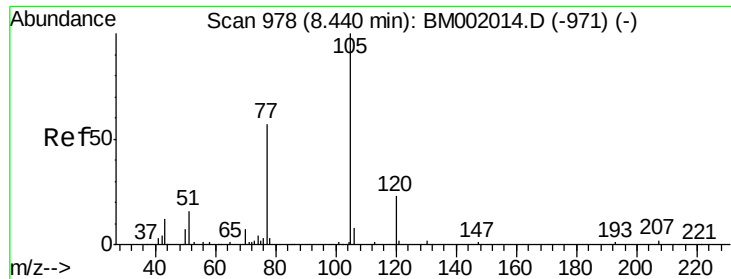
Instrument :
BNA_M
ClientSampleId :
C02B4RE

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Quant Time: Jul 24 12:55:15 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





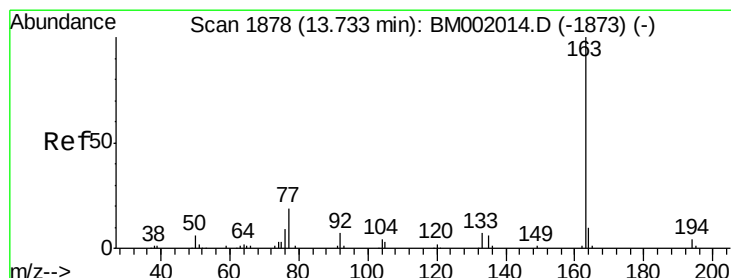
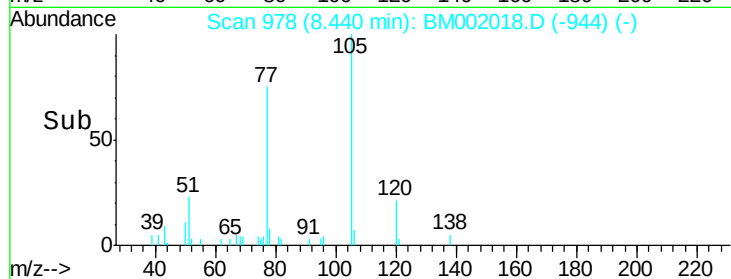
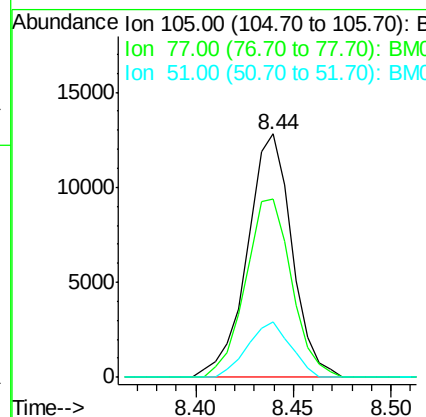
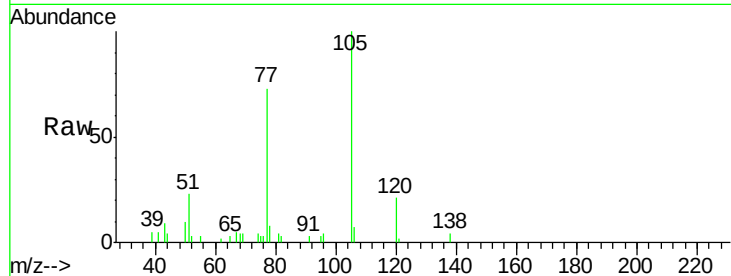
#14
Acetophenone
Concen: 2.02 ng/ul
RT: 8.44 min Scan# 978
Delta R.T. 0.00 min
Lab File: BM002018.D
Acq: 23 Jul 2015 16:09

Instrument :
BNA_M
ClientSampleId :
C02B4RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
77	73.3	62.2	93.4
51	22.6	21.4	32.0

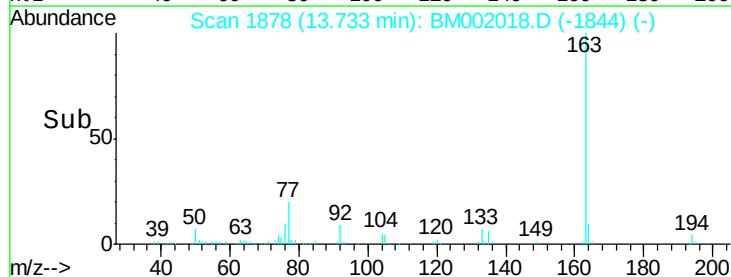
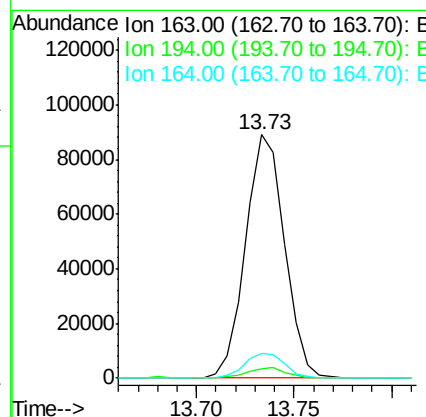
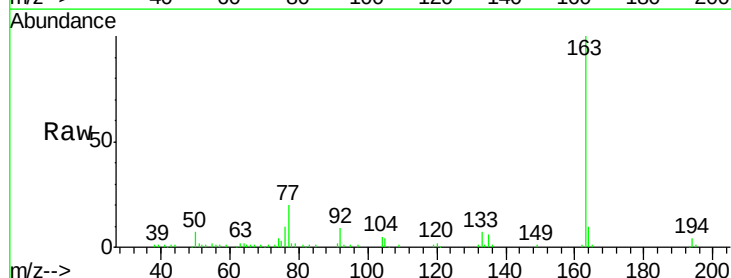
Manual Integrations
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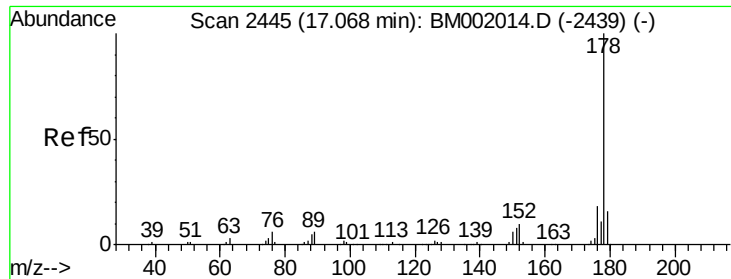
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#44
Dimethylphthalate
Concen: 7.66 ng/ul
RT: 13.73 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BM002018.D
Acq: 23 Jul 2015 16:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.1	3.5	5.3
164	10.3	8.2	12.4





#69

Phenanthrene

Concen: 5.68 ng/ul

RT: 17.07 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BM002018.D

Acq: 23 Jul 2015 16:09

Instrument :

BNA_M

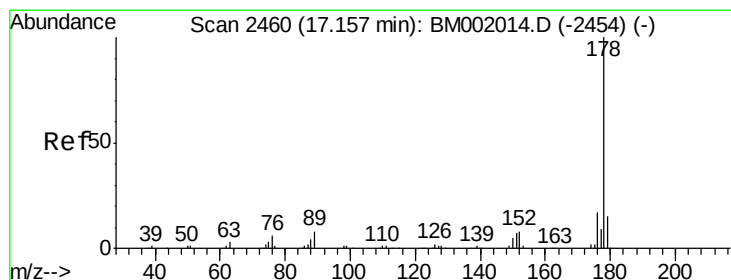
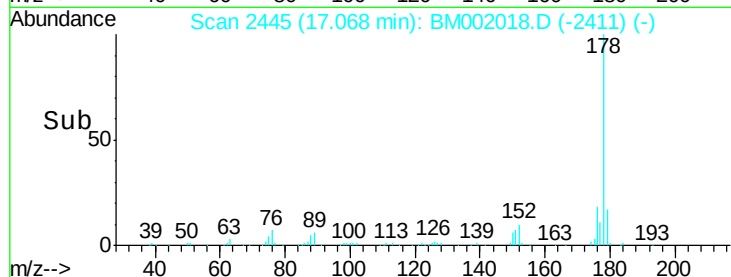
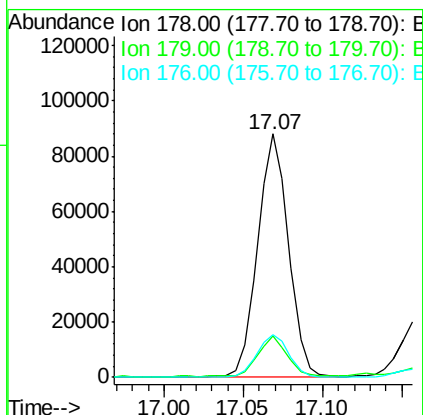
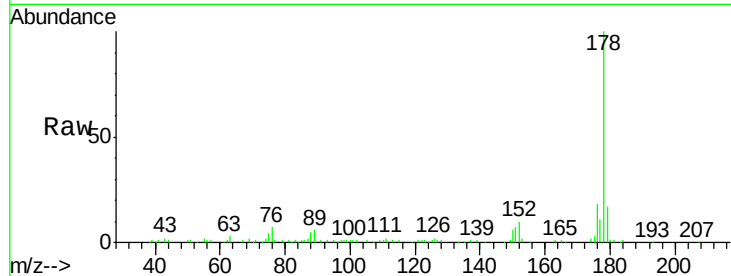
ClientSampleId :

C02B4RE

Tgt Ion:	178	Resp:	119847
Ion Ratio	Lower	Upper	
178	100		
179	17.1	12.1	18.1
176	17.8	14.6	21.8

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#71

Anthracene

Concen: 1.31 ng/ul

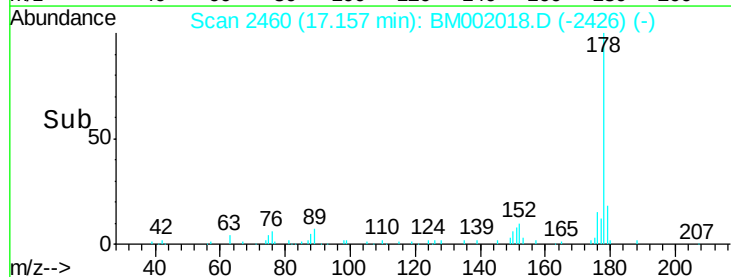
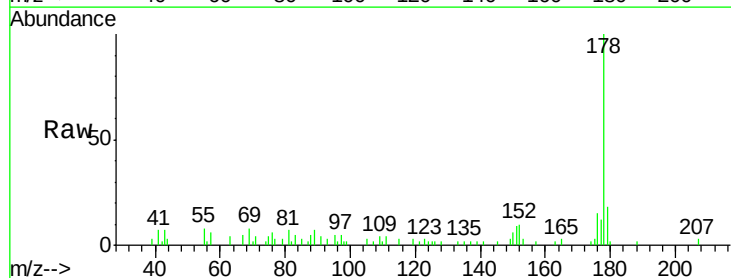
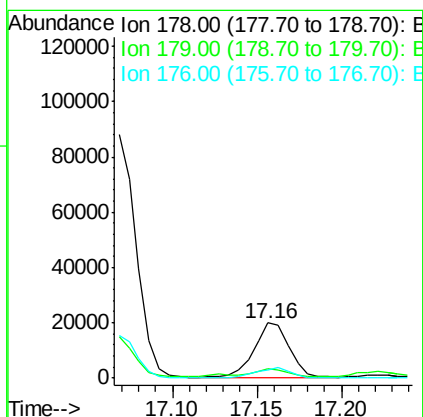
RT: 17.16 min Scan# 2460

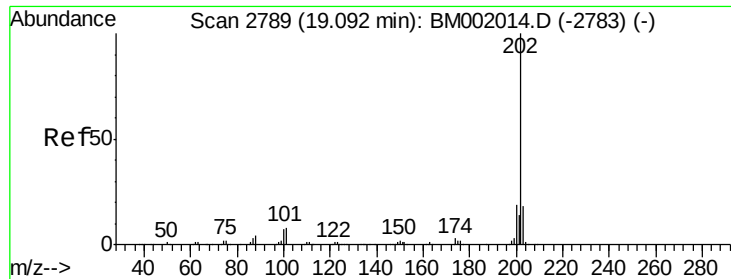
Delta R.T. 0.00 min

Lab File: BM002018.D

Acq: 23 Jul 2015 16:09

Tgt Ion:	178	Resp:	28442
Ion Ratio	Lower	Upper	
178	100		
179	18.2	12.4	18.6
176	15.4	14.3	21.5





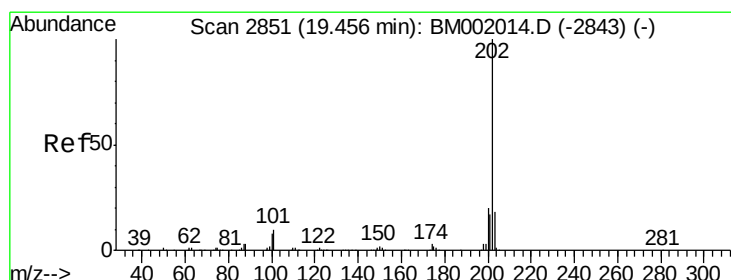
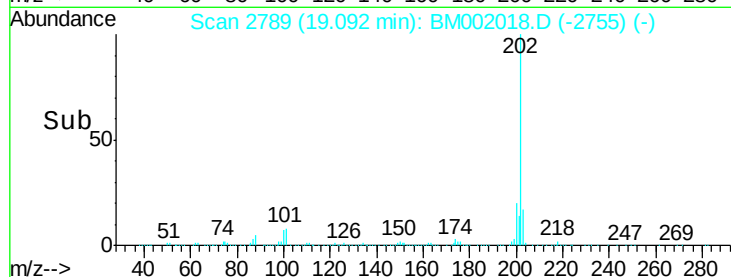
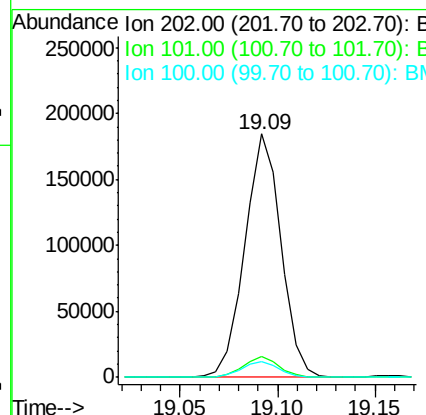
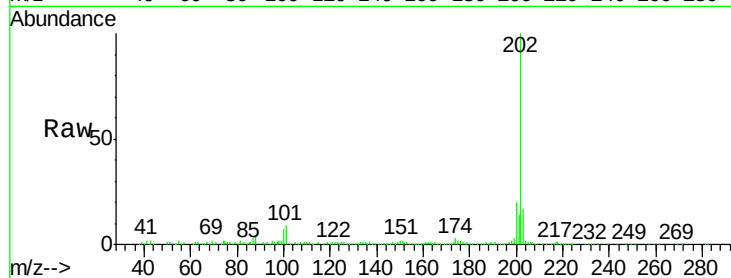
#76
Fluoranthene
Concen: 9.59 ng/ul
RT: 19.09 min Scan# 2789
Delta R.T. 0.00 min
Lab File: BM002018.D
Acq: 23 Jul 2015 16:09

Instrument :
BNA_M
ClientSampleId :
C02B4RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.5	6.3	9.5
100	6.5	5.0	7.4

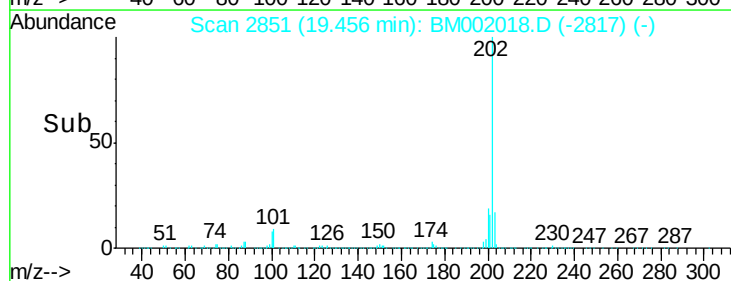
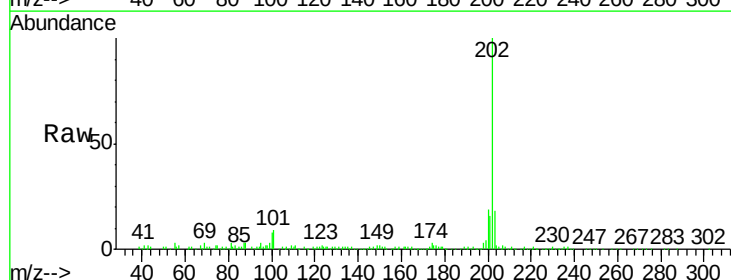
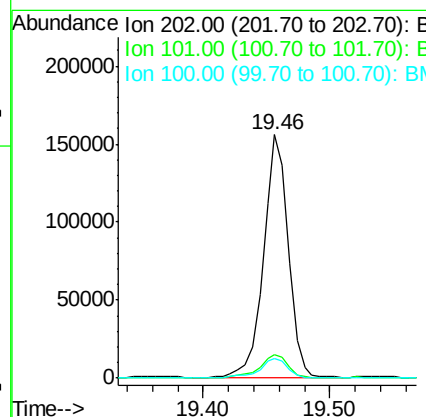
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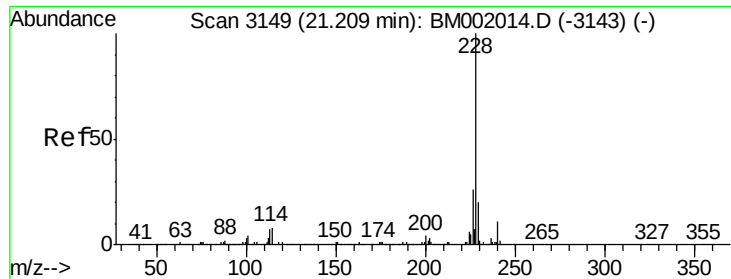
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#79
Pyrene
Concen: 8.74 ng/ul
RT: 19.46 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BM002018.D
Acq: 23 Jul 2015 16:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.4	7.3	10.9
100	8.1	6.2	9.4





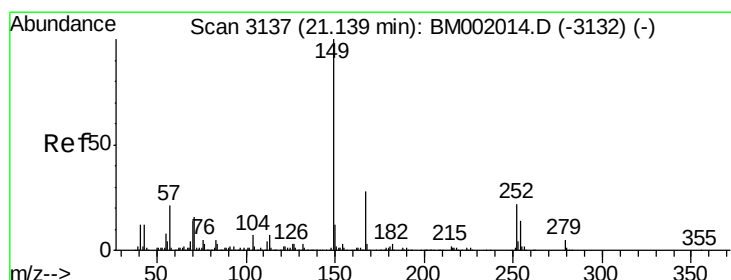
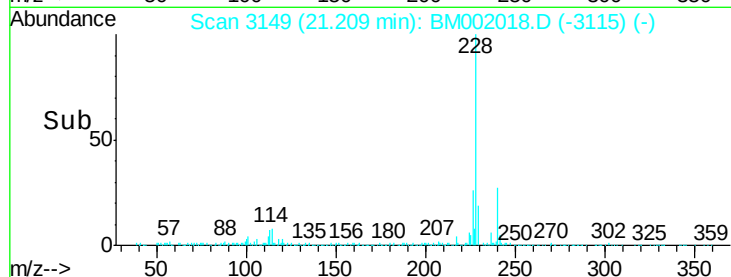
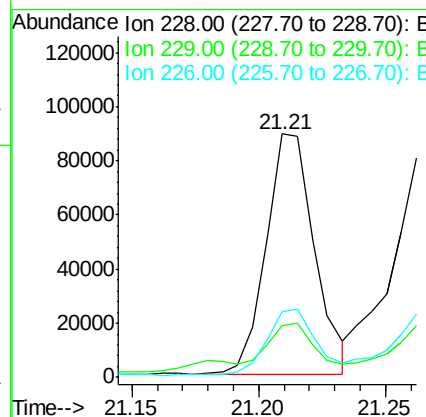
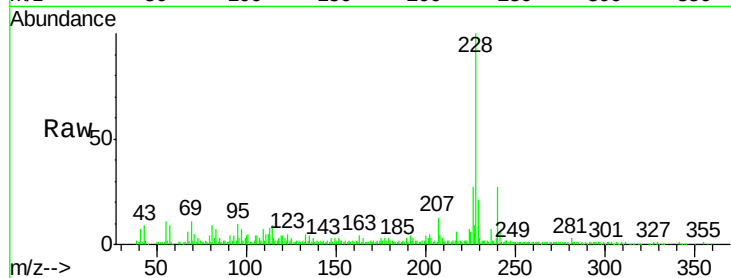
#82
Benzo(a)anthracene
Concen: 4.92 ng/ul
RT: 21.21 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BM002018.D
Acq: 23 Jul 2015 16:09

Instrument :
BNA_M
ClientSampleId :
C02B4RE

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.4	23.2
226	27.0	20.7	31.1

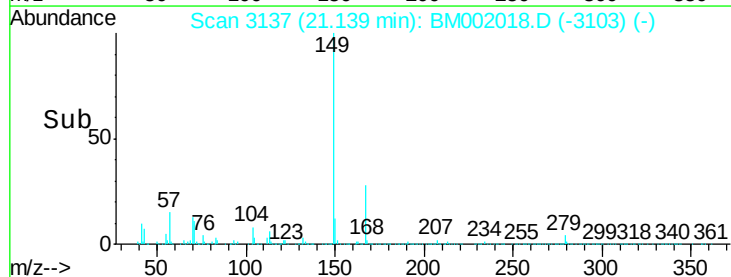
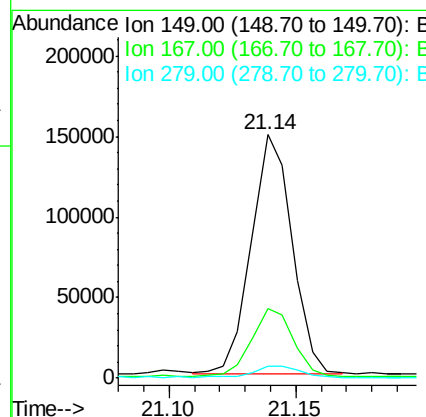
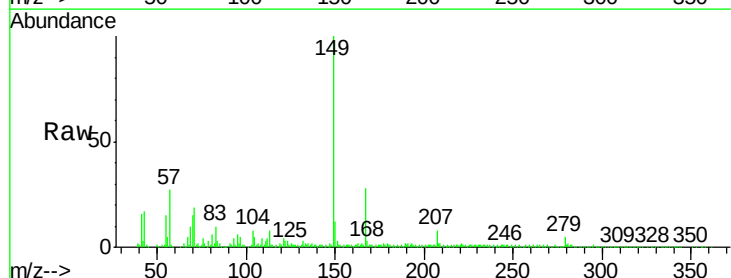
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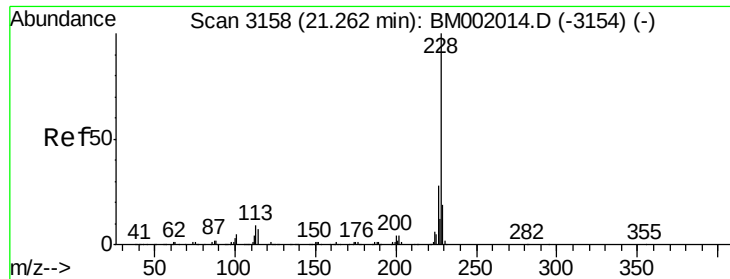
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#83
Bis(2-ethylhexyl)phthalate
Concen: 12.45 ng/ul
RT: 21.14 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BM002018.D
Acq: 23 Jul 2015 16:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.2	34.8
279	4.7	4.5	6.7





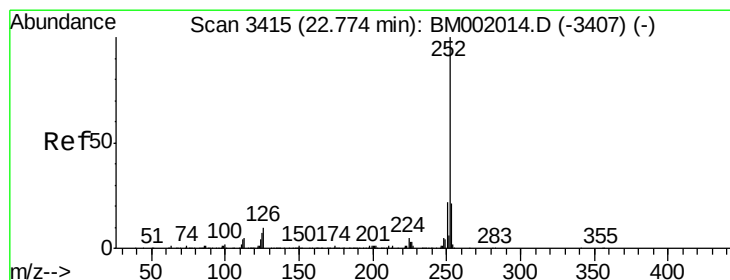
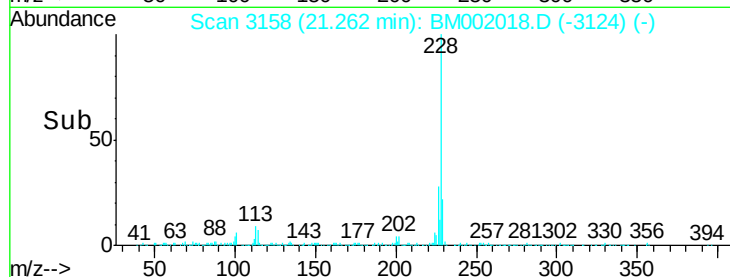
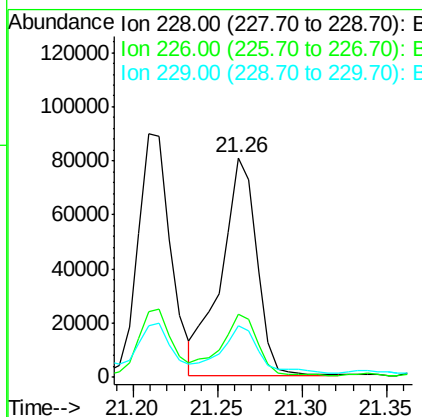
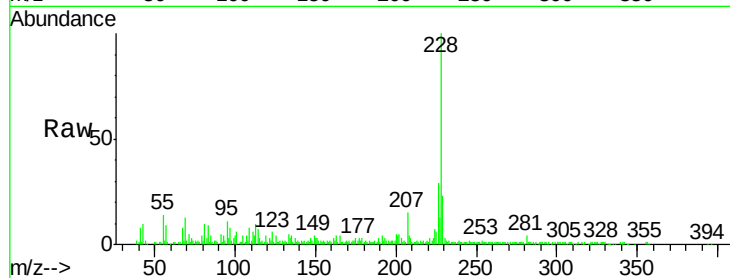
#84
Chrysene
Concen: 5.26 ng/ul
RT: 21.26 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BM002018.D
Acq: 23 Jul 2015 16:09

Instrument :
BNA_M
ClientSampleId :
C02B4RE

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	117980		
226	28.7	23.0	34.4	
229	23.3	15.6	23.4	

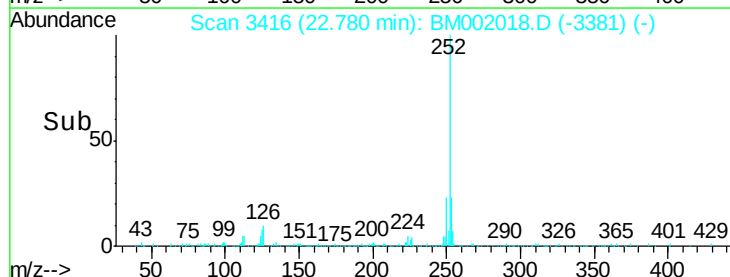
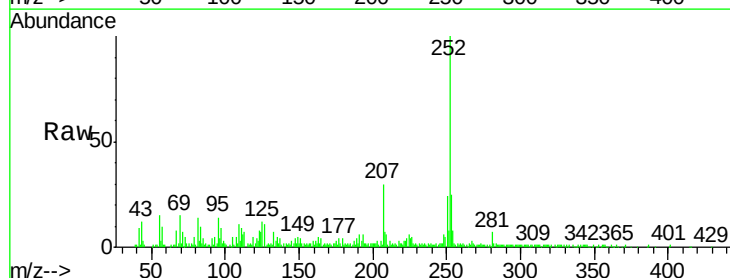
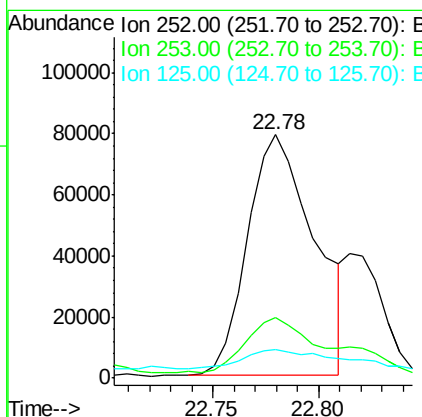
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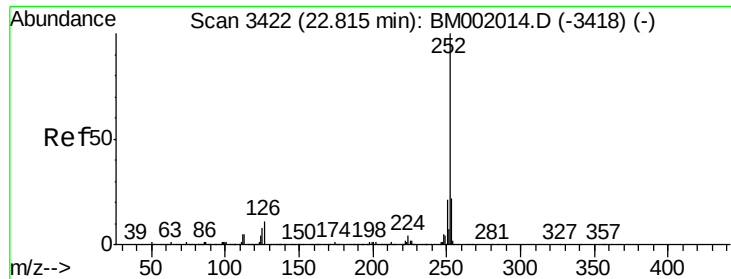
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#87
Benzo(b)fluoranthene
Concen: 6.90 ng/ul
RT: 22.78 min Scan# 3416
Delta R.T. 0.01 min
Lab File: BM002018.D
Acq: 23 Jul 2015 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	173492		
253	24.7	17.2	25.8	
125	11.9	5.3	7.9	





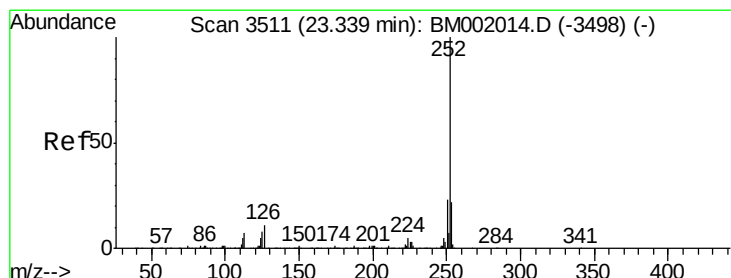
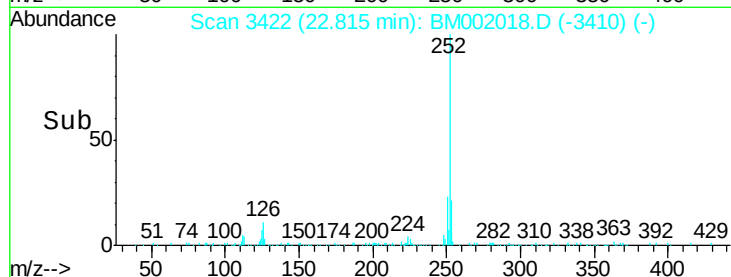
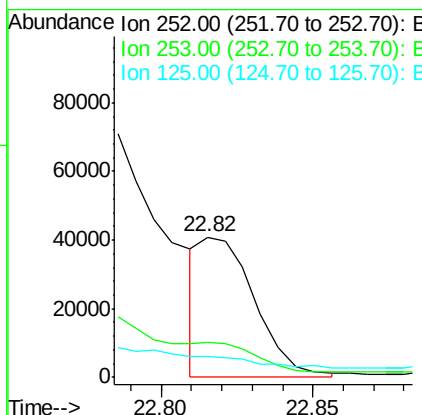
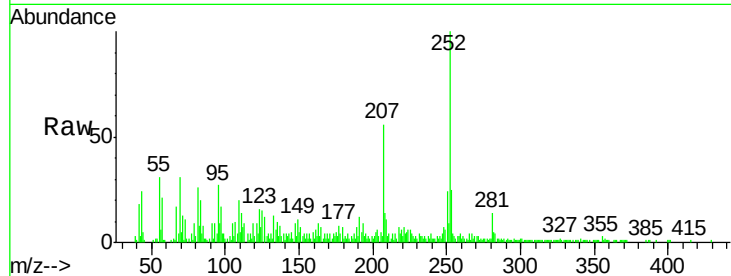
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 Benzo(k)fluoranthene
 Concen: 2.11 ng/ul m
 RT: 22.82 min Scan# 3422
 Delta R.T. 0.00 min
 Lab File: BM002018.D
 Acq: 23 Jul 2015 16:09

Instrument :
 BNA_M
 ClientSampleId :
 C02B4RE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.4	26.2
125	14.6	5.1	7.7#

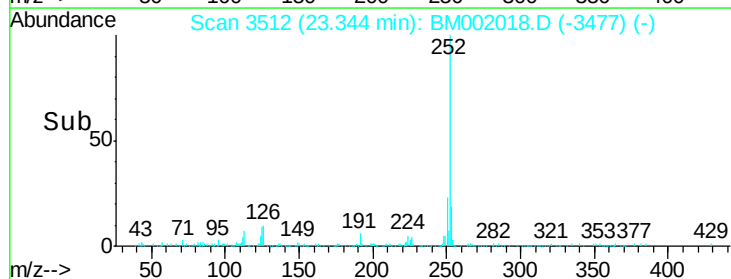
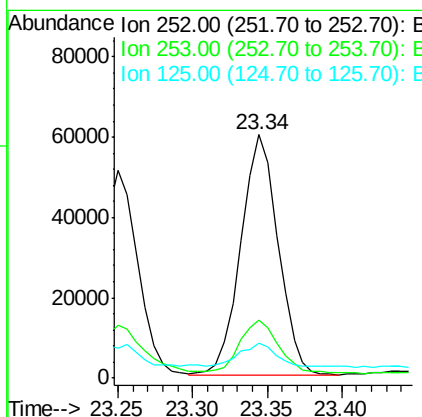
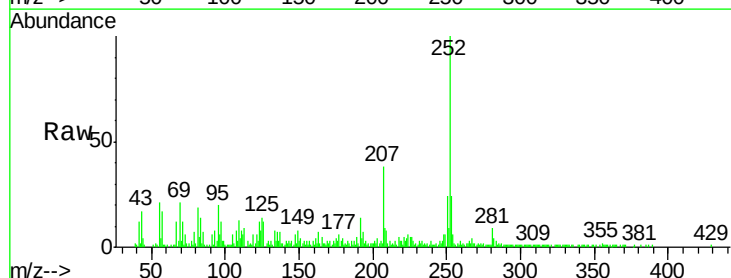
Manual Integrations
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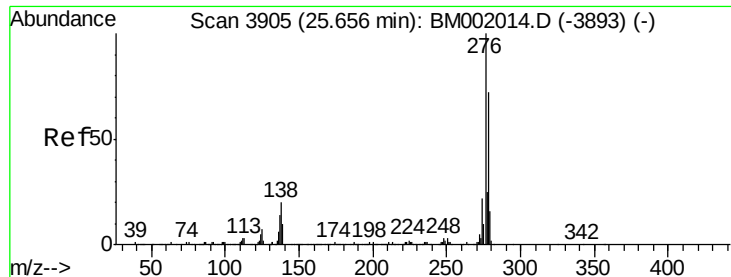
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#90
 Benzo(a)pyrene
 Concen: 4.39 ng/ul
 RT: 23.34 min Scan# 3512
 Delta R.T. 0.01 min
 Lab File: BM002018.D
 Acq: 23 Jul 2015 16:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	14.3	6.0	9.0#





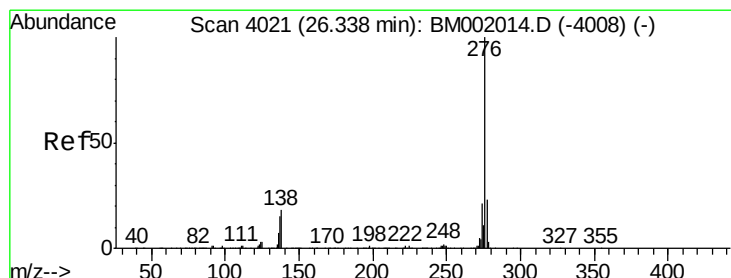
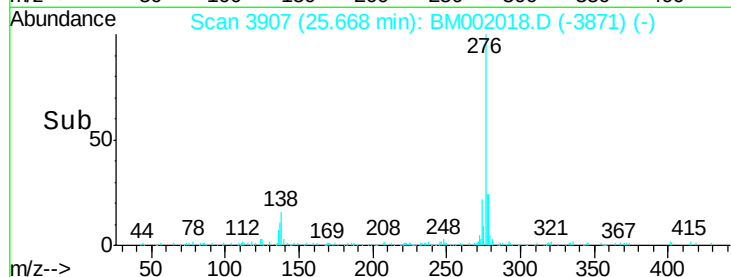
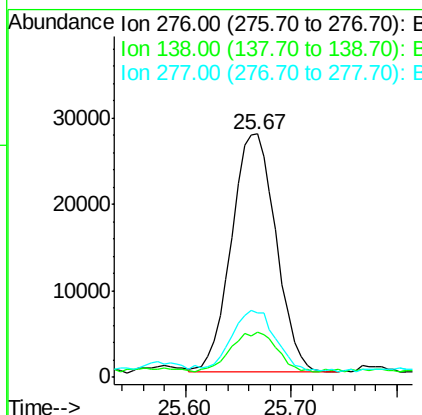
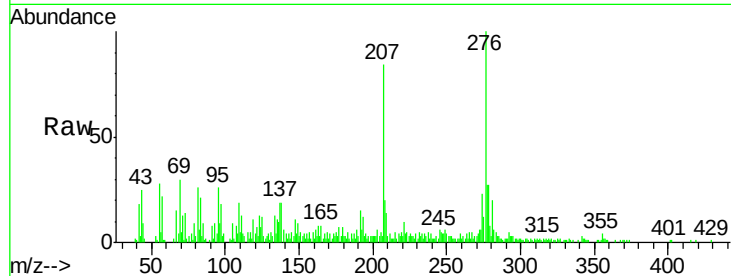
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 Indeno(1,2,3-cd)pyrene
 Concen: 3.24 ng/ul
 RT: 25.67 min Scan# 3907
 Delta R.T. 0.01 min
 Lab File: BM002018.D
 Acq: 23 Jul 2015 16:09

Instrument :
 BNA_M
 ClientSampleId :
 C02B4RE

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.6	15.2	22.8
277	26.7	20.1	30.1

Manual Integrations
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#93
 Benzo(g,h,i)perylene
 Concen: 3.82 ng/ul
 RT: 26.35 min Scan# 4023
 Delta R.T. 0.01 min
 Lab File: BM002018.D
 Acq: 23 Jul 2015 16:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.2	12.7	19.1#
277	28.5	18.6	28.0#

