

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070915\
 Data File : BM001886.D
 Acq On : 09 Jul 2015 15:28
 Operator : TP/UM
 Sample : G2860-20DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93K5DL

Manual Integrations
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Quant Time: Jul 10 05:20:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 10 05:15:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	38783	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	150121	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	83277	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	182369	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	206586	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	210970	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.83	99	4893	1.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	2541	1.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	3953	1.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	3837	1.60	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	1681	1.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	1782	1.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	3893	1.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	2139	0.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	11235	1.82	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	14668	1.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	1152	1.01	ng/ul	0.00
57) Fluorene-d10	15.32	176	11806	2.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	813	0.73	ng/ul	0.00
70) Anthracene-d10	17.16	188	16872	1.99	ng/ul	0.00
78) Pyrene-d10	19.47	212	19443	2.22	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	20520	2.21	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.50	128	13513	1.78	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	7270	1.33	ng/ul	99
47) Acenaphthylene	14.04	152	34216	4.15	ng/ul	98
58) Fluorene	15.37	166	16293	2.48	ng/ul	94
69) Phenanthrene	17.11	178	183388	18.55	ng/ul	98
71) Anthracene	17.20	178	41794	4.12	ng/ul	99
76) Fluoranthene	19.13	202	216441	18.30	ng/ul	98
79) Pyrene	19.50	202	379600	33.12	ng/ul	100
82) Benzo(a)anthracene	21.25	228	131553	10.90	ng/ul#	88
84) Chrysene	21.30	228	133604	11.68	ng/ul#	93
87) Benzo(b)fluoranthene	22.83	252	143212m	11.66	ng/ul	
88) Benzo(k)fluoranthene	22.86	252	40067m	3.38	ng/ul	
90) Benzo(a)pyrene	23.40	252	138242	11.57	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.74	276	80947	5.71	ng/ul	98
92) Dibenzo(a,h)anthracene	25.74	278	22116	1.85	ng/ul#	85
93) Benzo(g,h,i)perylene	26.44	276	91276	7.66	ng/ul	98

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

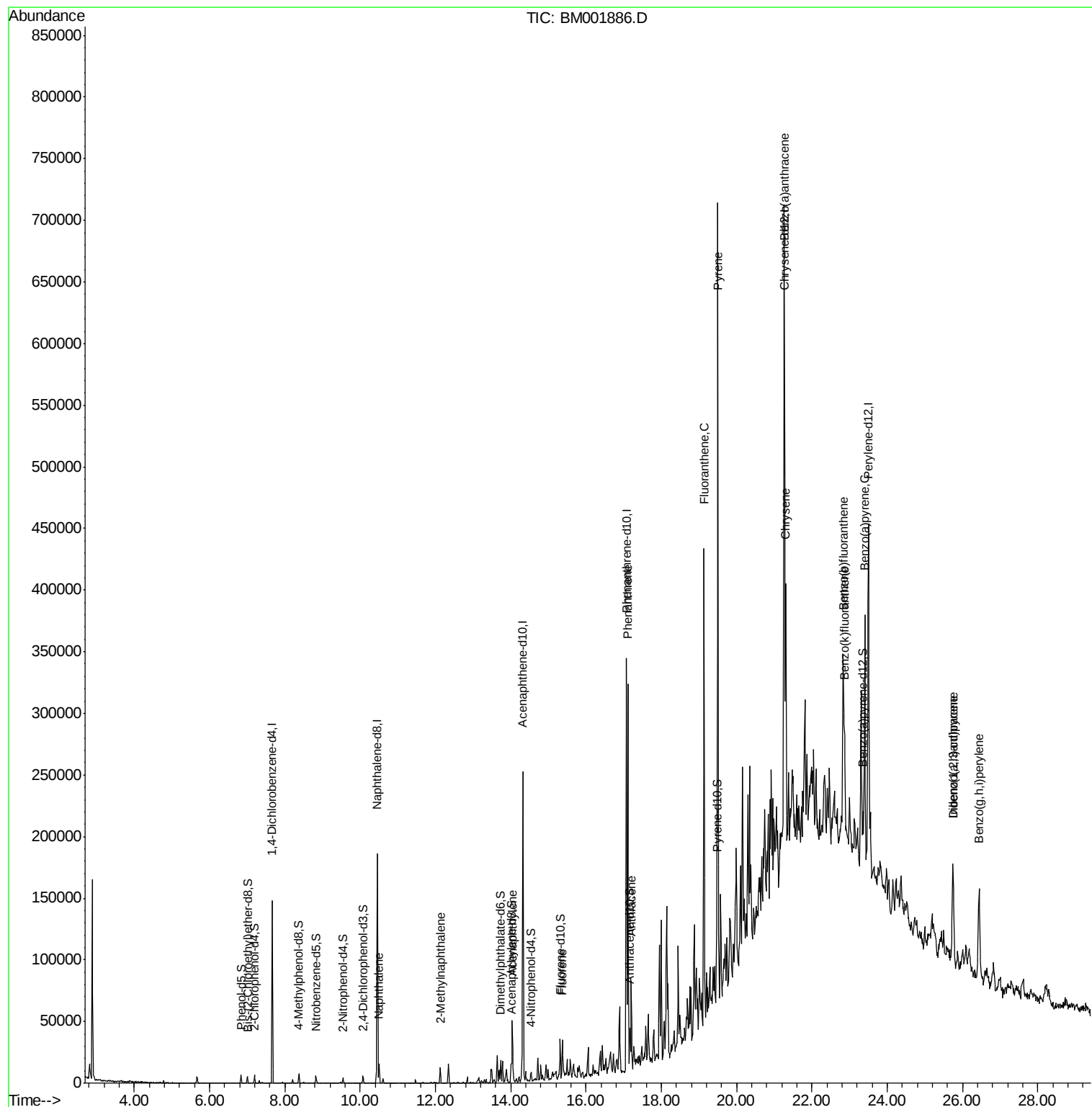
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070915\
Data File : BM001886.D
Acq On : 09 Jul 2015 15:28
Operator : TP/UM
Sample : G2860-20DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

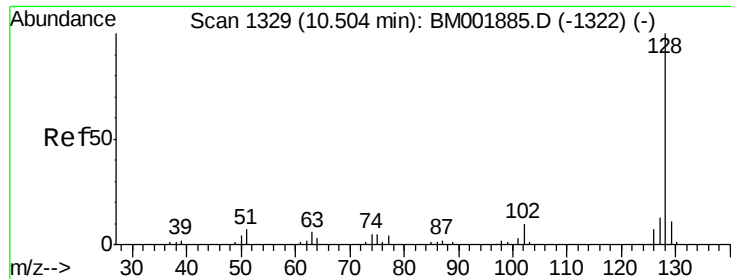
Instrument :
BNA_M
ClientSampled :
G93K5DL

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Quant Time: Jul 10 05:20:58 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 10 05:15:13 2015
Response via : Initial Calibration





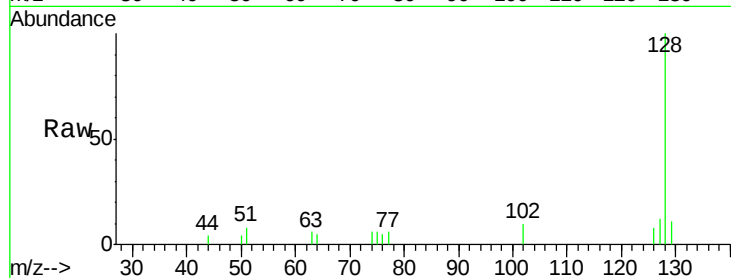
#28
Naphthalene
Concen: 1.78 ng/ul
RT: 10.50 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BM001886.D
Acq: 09 Jul 2015 15:28

Instrument :
BNA_M
ClientSampleId :
G93K5DL

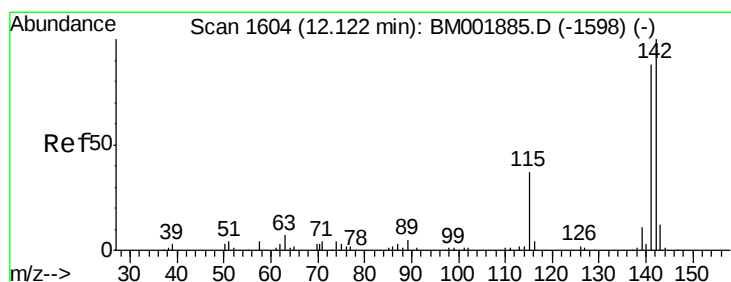
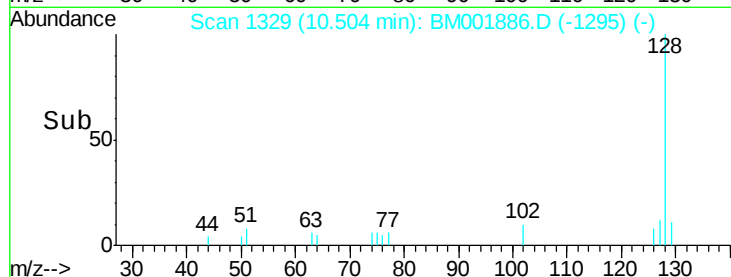
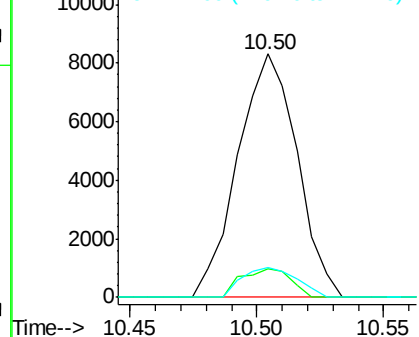
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.7	13.1
127	12.4	10.0	15.0

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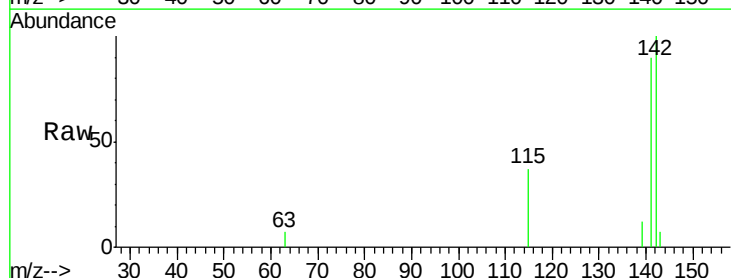


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

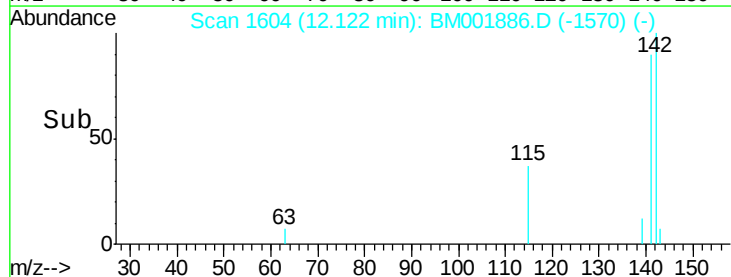
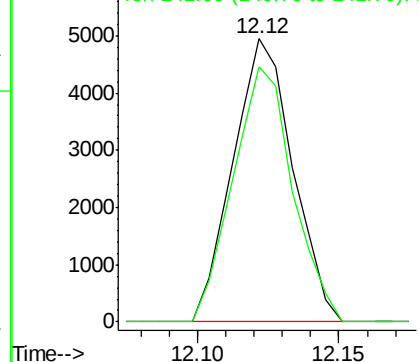


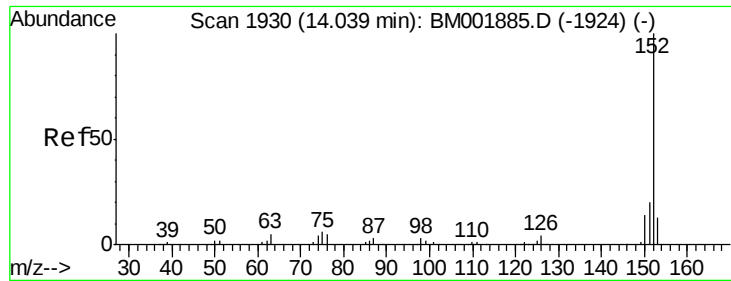
#34
2-Methylnaphthalene
Concen: 1.33 ng/ul
RT: 12.12 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BM001886.D
Acq: 09 Jul 2015 15:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.6	107.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





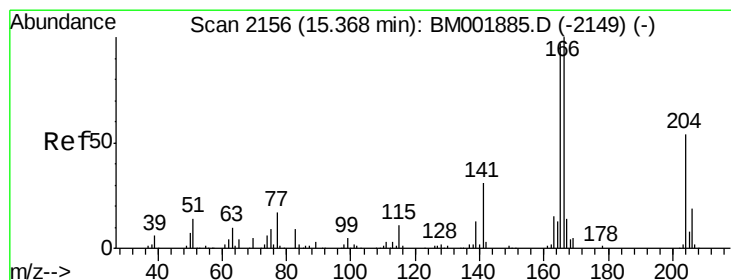
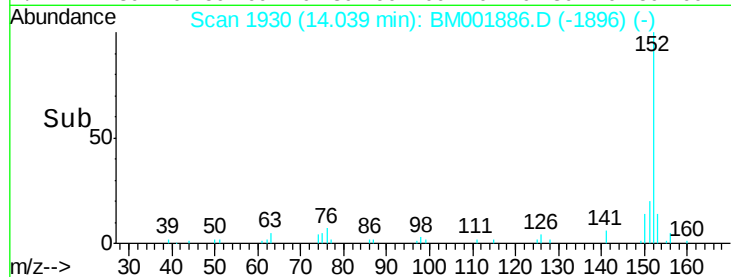
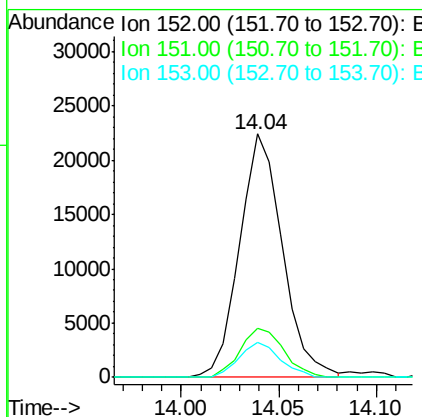
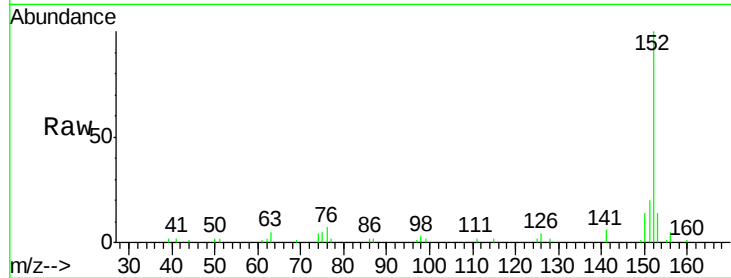
#47
Acenaphthylene
Concen: 4.15 ng/ul
RT: 14.04 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BM001886.D
Acq: 09 Jul 2015 15:28

Instrument :
BNA_M
ClientSampleId :
G93K5DL

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	14.5	10.0	15.0

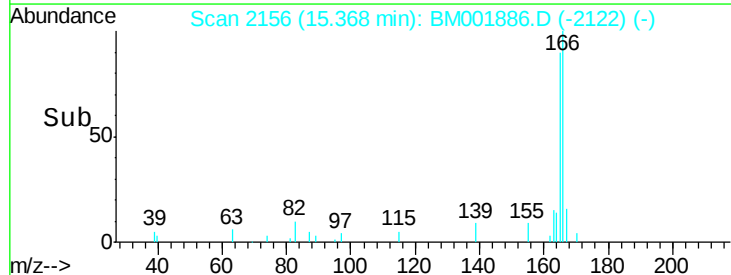
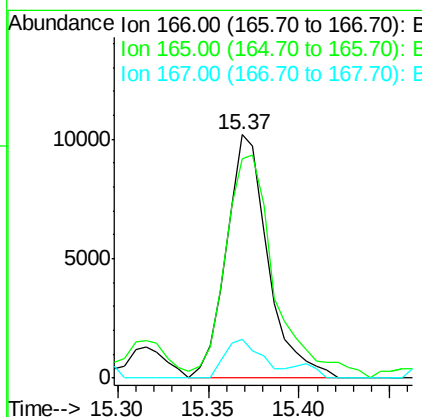
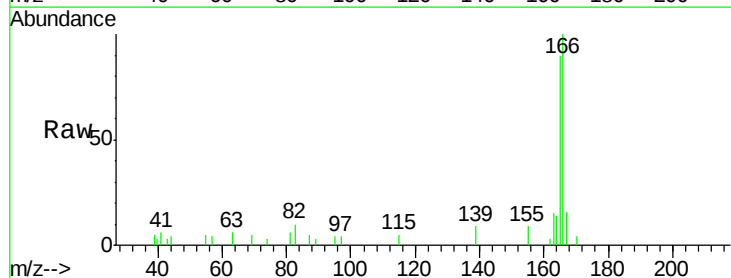
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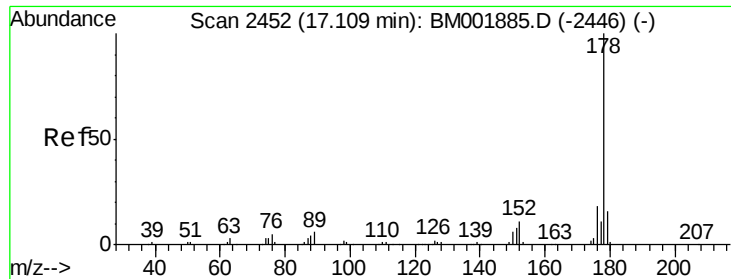
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#58
Fluorene
Concen: 2.48 ng/ul
RT: 15.37 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BM001886.D
Acq: 09 Jul 2015 15:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	90.3	77.4	116.2
167	15.8	11.3	16.9





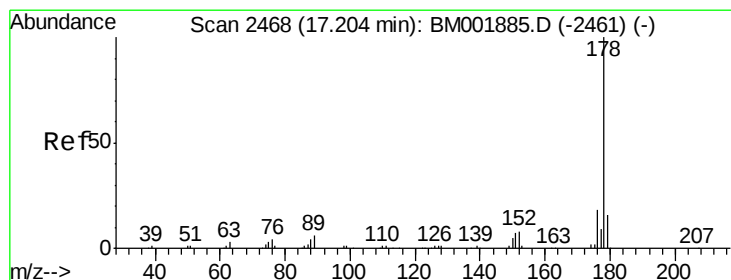
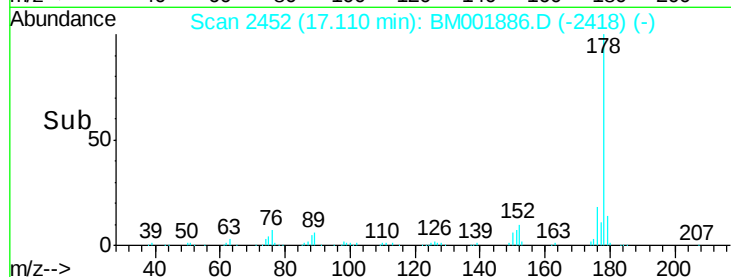
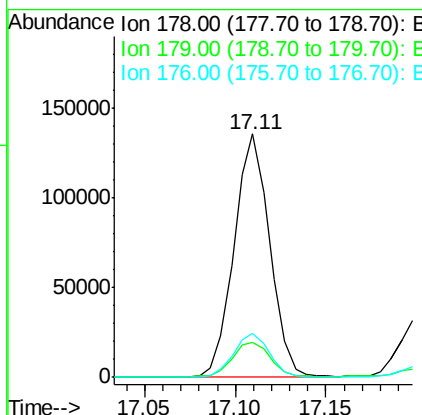
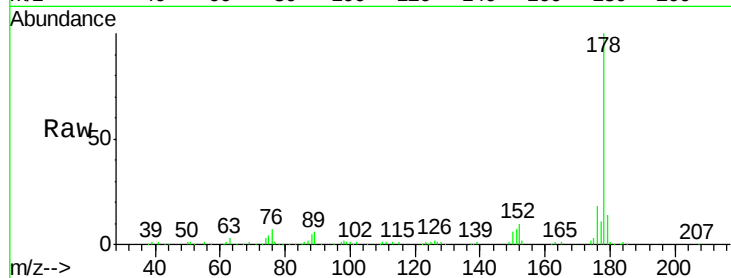
#69
 Phenanthrene
 Concen: 18.55 ng/ul
 RT: 17.11 min Scan# 2452
 Delta R.T. 0.00 min
 Lab File: BM001886.D
 Acq: 09 Jul 2015 15:28

Instrument :
 BNA_M
 ClientSampleId :
 G93K5DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.4	11.9	17.9
176	18.0	15.2	22.8

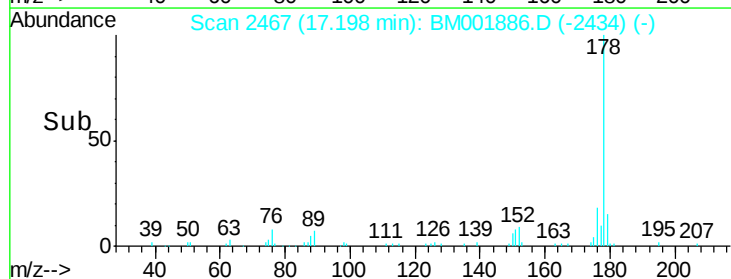
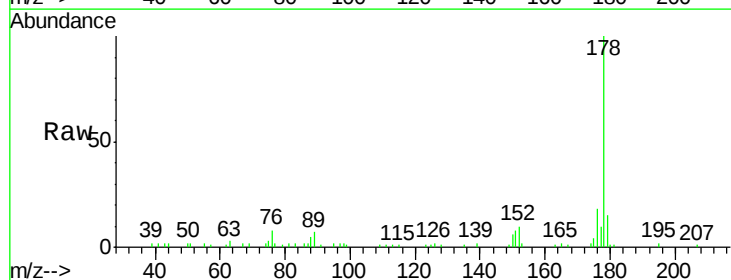
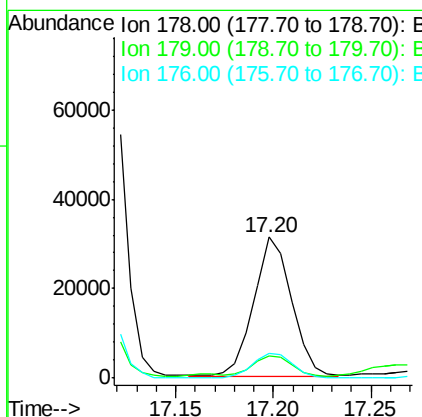
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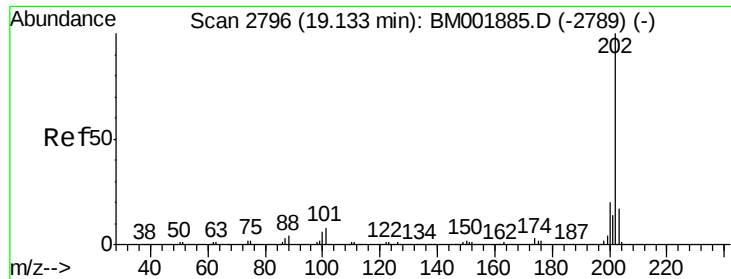
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#71
 Anthracene
 Concen: 4.12 ng/ul
 RT: 17.20 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BM001886.D
 Acq: 09 Jul 2015 15:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	17.7	14.4	21.6





#76

Fluoranthene

Concen: 18.30 ng/ul

RT: 19.13 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BM001886.D

Acq: 09 Jul 2015 15:28

Instrument :

BNA_M

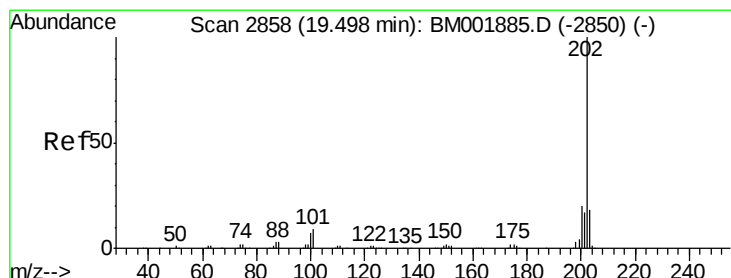
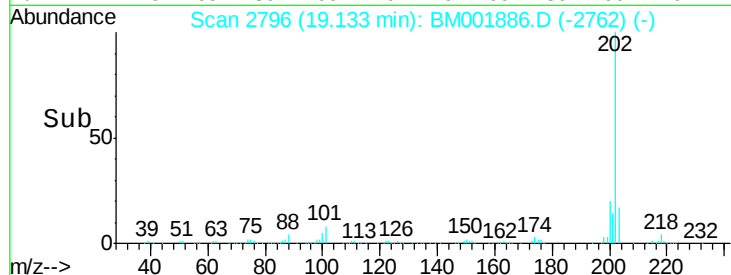
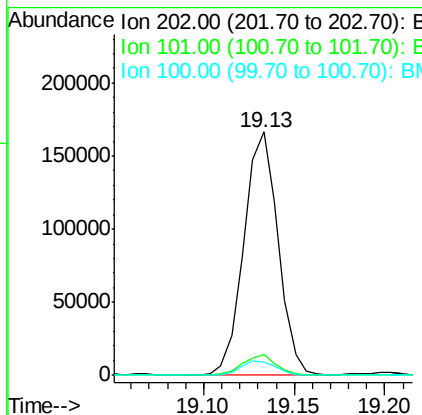
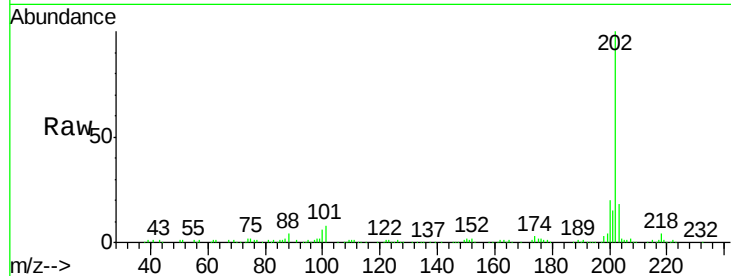
ClientSampleId :

G93K5DL

Tgt	Ion	202	Resp:	216441
Ion	Ratio	Lower	Upper	
202	100			
101	8.4	6.1	9.1	
100	5.7	4.8	7.2	

Manual Integrations
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#79

Pyrene

Concen: 33.12 ng/ul

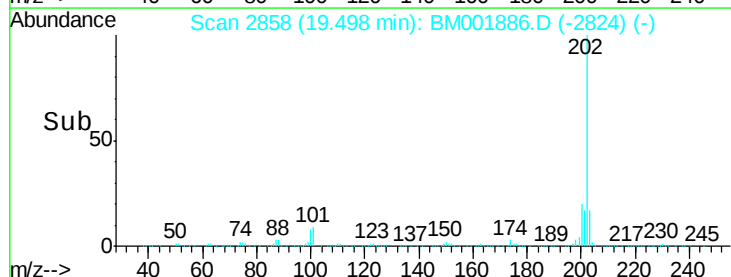
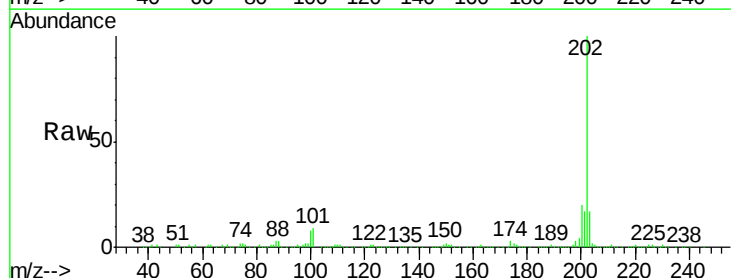
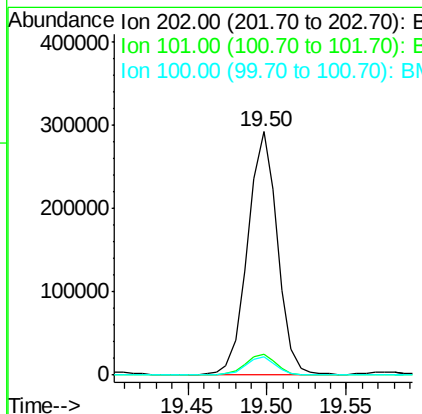
RT: 19.50 min Scan# 2858

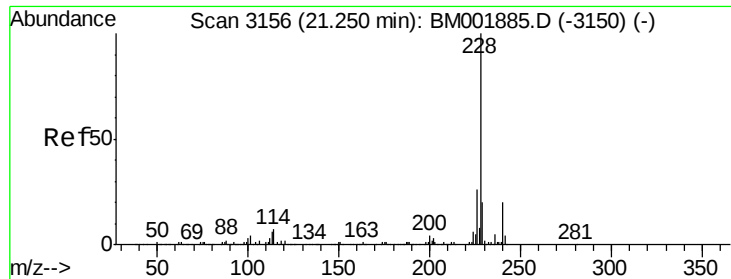
Delta R.T. 0.00 min

Lab File: BM001886.D

Acq: 09 Jul 2015 15:28

Tgt	Ion	202	Resp:	379600
Ion	Ratio	Lower	Upper	
202	100			
101	8.7	6.9	10.3	
100	7.5	6.2	9.2	





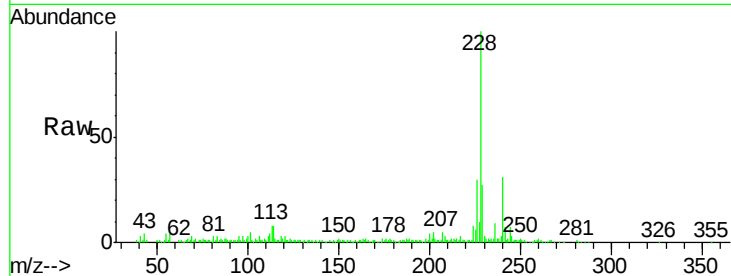
#82
Benzo(a)anthracene
Concen: 10.90 ng/ul
RT: 21.25 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BM001886.D
Acq: 09 Jul 2015 15:28

Instrument :
BNA_M
ClientSampled :
G93K5DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	26.6	15.4	23.0#
226	30.0	20.6	30.8

Manual Integrations
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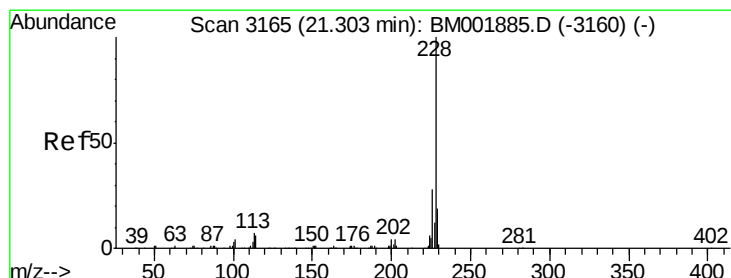
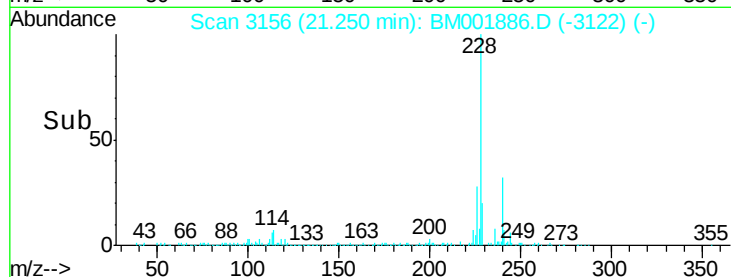
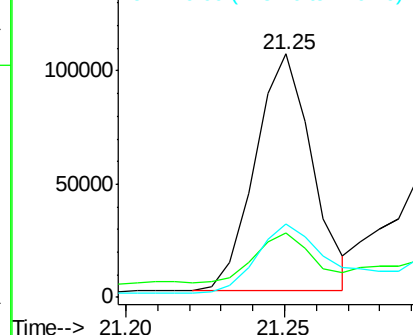


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84
Chrysene
Concen: 11.68 ng/ul
RT: 21.30 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BM001886.D
Acq: 09 Jul 2015 15:28

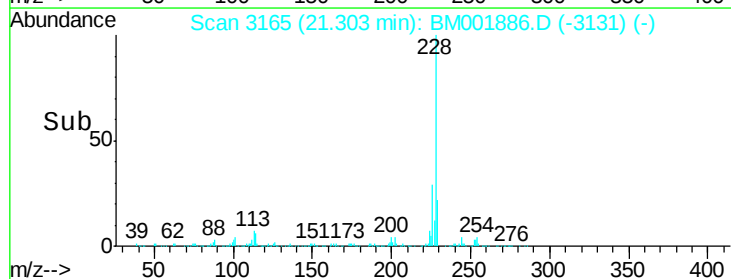
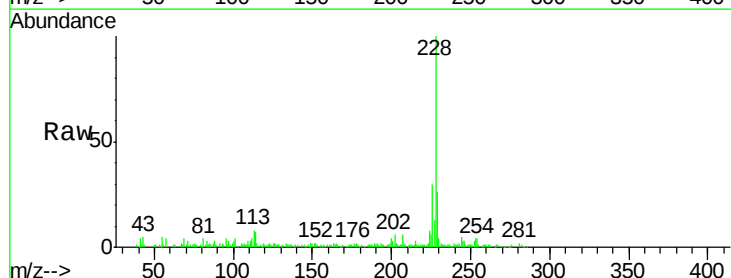
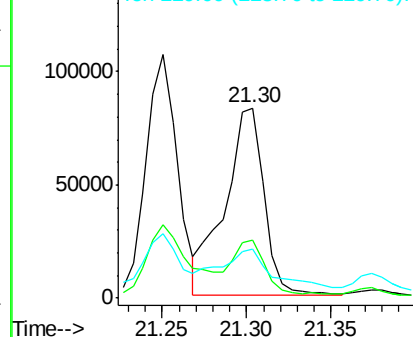
Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.2	23.0	34.4
229	25.7	15.4	23.2#

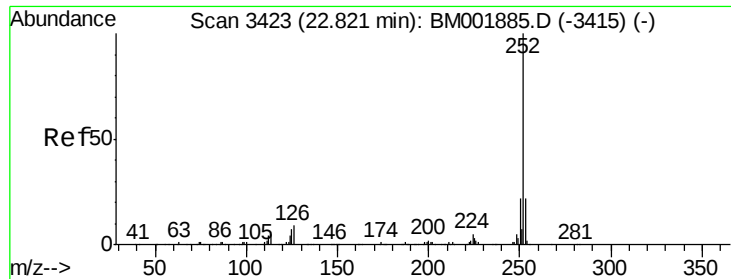
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





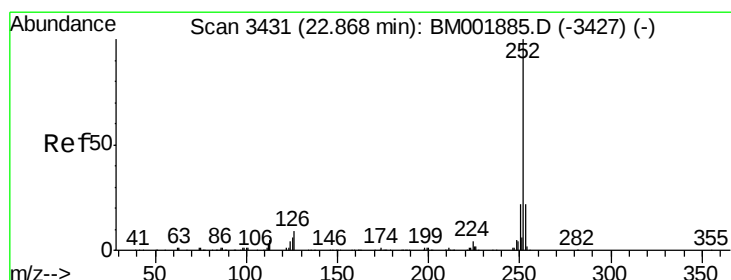
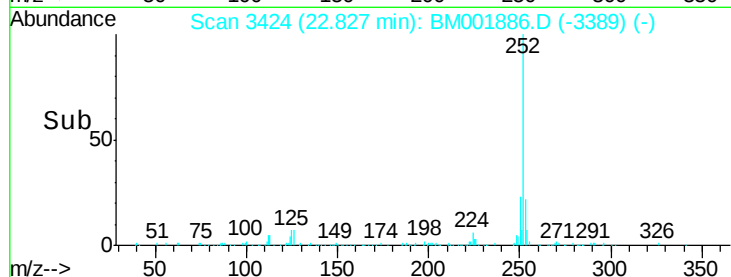
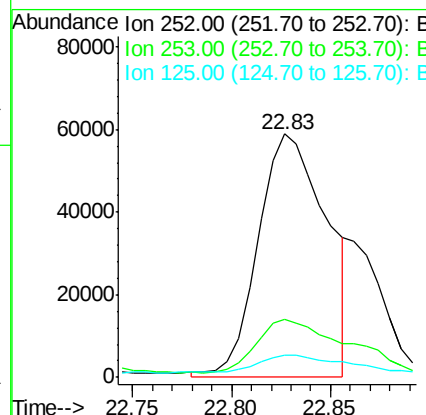
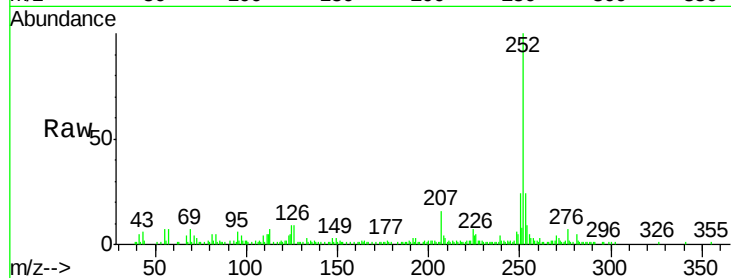
#87
Benzo(b)fluoranthene
Concen: 11.66 ng/ul m
RT: 22.83 min Scan# 3424
Delta R.T. 0.01 min
Lab File: BM001886.D
Acq: 09 Jul 2015 15:28

Instrument :
BNA_M
ClientSampleId :
G93K5DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	9.3	5.3	7.9#

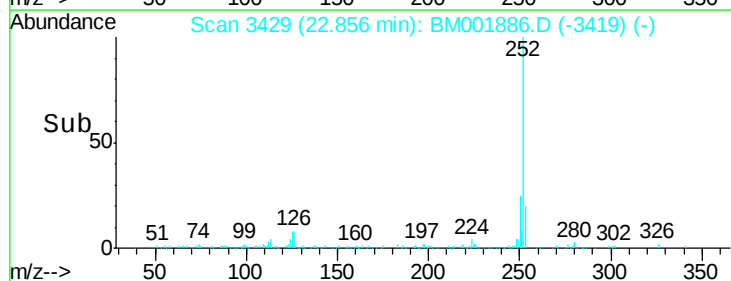
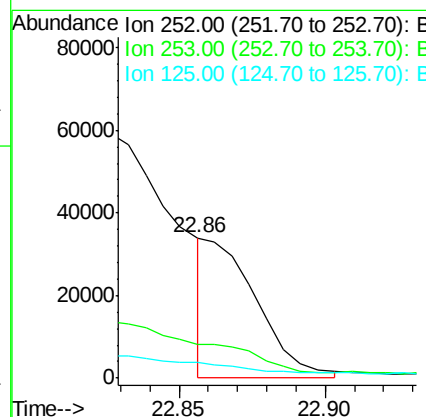
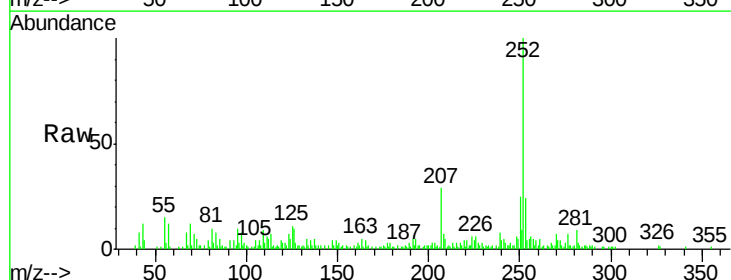
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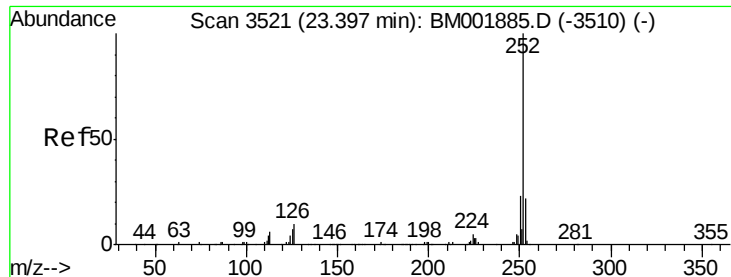
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#88
Benzo(k)fluoranthene
Concen: 3.38 ng/ul m
RT: 22.86 min Scan# 3429
Delta R.T. -0.01 min
Lab File: BM001886.D
Acq: 09 Jul 2015 15:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	11.2	5.3	7.9#





#90

Benzo(a)pyrene

Concen: 11.57 ng/ul

RT: 23.40 min Scan# 3521

Delta R.T. 0.00 min

Lab File: BM001886.D

Acq: 09 Jul 2015 15:28

Instrument :

BNA_M

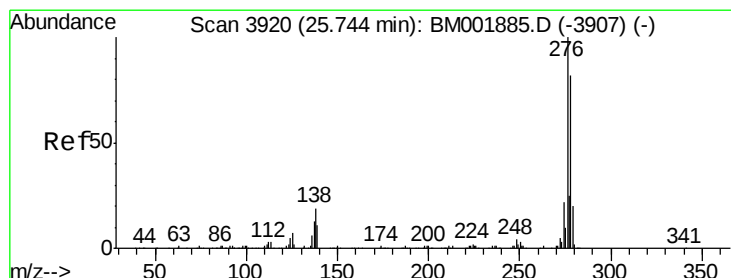
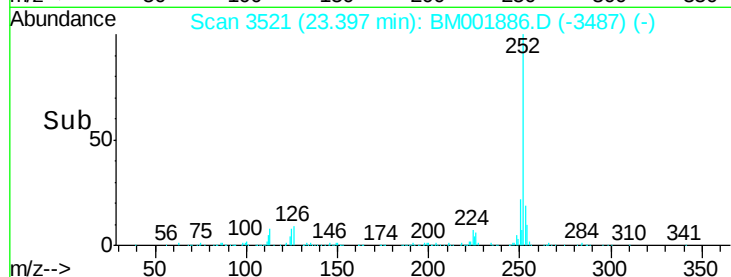
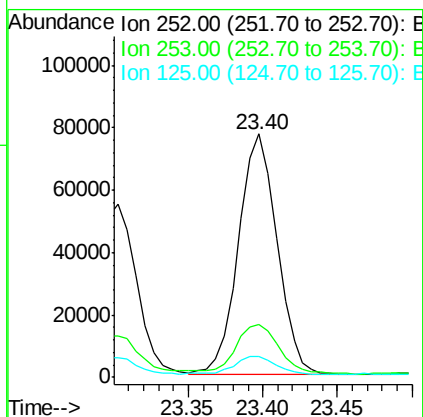
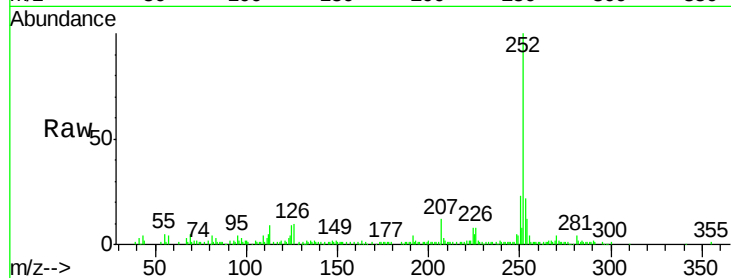
ClientSampled :

G93K5DL

Tgt Ion:	252	Resp:	138242
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.0
125	8.6	6.0	9.0

Manual Integrations
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#91

Indeno(1,2,3-cd)pyrene

Concen: 5.71 ng/ul

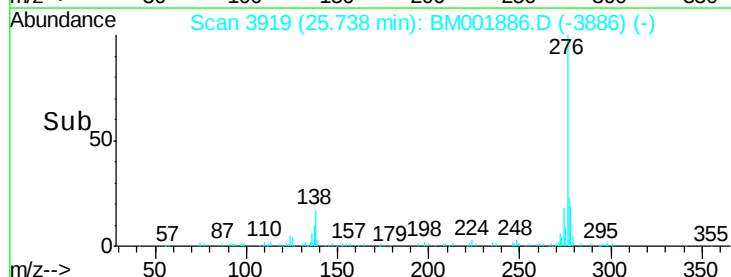
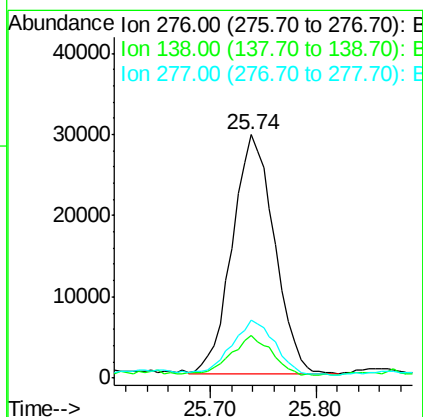
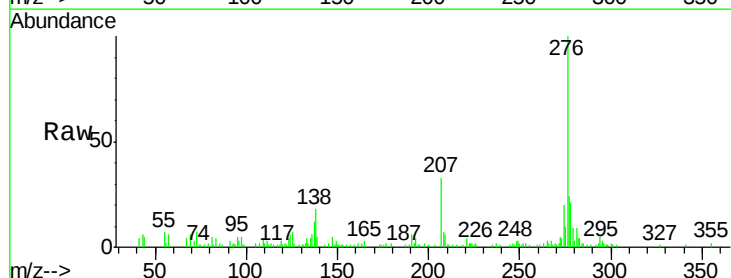
RT: 25.74 min Scan# 3919

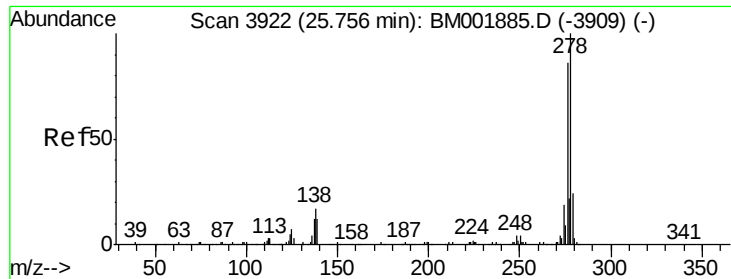
Delta R.T. -0.01 min

Lab File: BM001886.D

Acq: 09 Jul 2015 15:28

Tgt Ion:	276	Resp:	80947
Ion Ratio	Lower	Upper	
276	100		
138	17.7	14.7	22.1
277	23.8	19.7	29.5





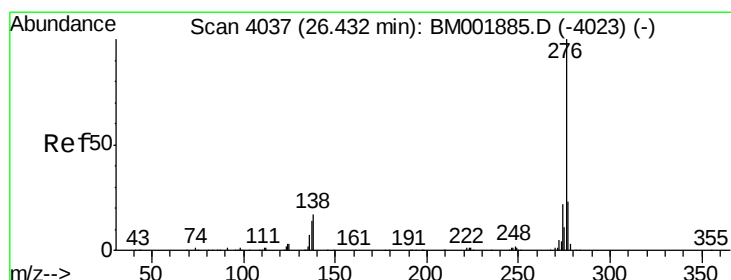
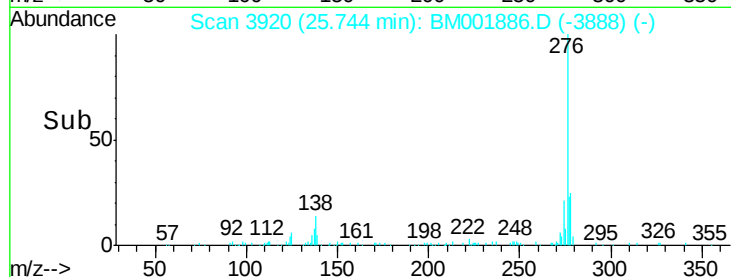
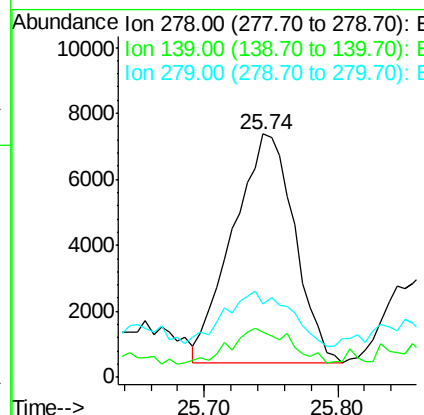
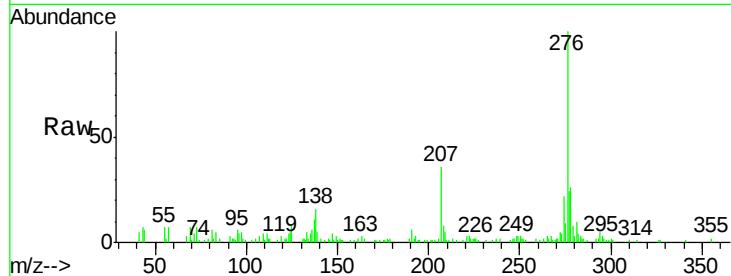
#92
Dibenzo(a,h)anthracene
Concen: 1.85 ng/ul
RT: 25.74 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BM001886.D
Acq: 09 Jul 2015 15:28

Instrument :
BNA_M
ClientSampleId :
G93K5DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.8	9.2	13.8#
279	30.2	19.1	28.7#

Manual Integrations
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#93
Benzo(g,h,i)perylene
Concen: 7.66 ng/ul
RT: 26.44 min Scan# 4038
Delta R.T. 0.01 min
Lab File: BM001886.D
Acq: 09 Jul 2015 15:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	12.6	19.0
277	23.0	18.7	28.1

