

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001840.D
 Acq On : 06 Jul 2015 17:18
 Operator : TP/UM
 Sample : G2861-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93M3

Manual Integrations
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Quant Time: Jul 07 05:39:05 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 07 04:02:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	61973	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	242742	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	140721	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	318961	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	392358	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	397433	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	4490	3.45	ng/uL	0.00
5) Phenol-d5	6.83	99	95569	20.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	54653	20.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	78339	20.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	78285	20.49	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	33292	19.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	34687	18.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	77883	19.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	93784	23.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	217015	20.80	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	251617	18.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	27533	14.30	ng/ul	0.00
57) Fluorene-d10	15.31	176	175783	18.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	15248	7.83	ng/ul	0.00
70) Anthracene-d10	17.16	188	269665	18.15	ng/ul	0.00
78) Pyrene-d10	19.46	212	272443	16.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	260805	14.89	ng/ul	0.00

Target Compounds

					Qvalue
44) Dimethylphthalate	13.77	163	101309	8.88 ng/ul	99
69) Phenanthrene	17.10	178	48452	2.80 ng/ul	98
76) Fluoranthene	19.12	202	116529	5.63 ng/ul	99
79) Pyrene	19.49	202	115414	5.30 ng/ul	97
82) Benzo(a)anthracene	21.24	228	74631	3.26 ng/ul#	91
84) Chrysene	21.29	228	59567	2.74 ng/ul#	93
87) Benzo(b)fluoranthene	22.80	252	84732	3.66 ng/ul	99
88) Benzo(k)fluoranthene	22.84	252	25273m	1.13 ng/ul	
90) Benzo(a)pyrene	23.37	252	70134	3.12 ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	25.70	276	37801	1.42 ng/ul	97
93) Benzo(g,h,i)perylene	26.40	276	33093	1.47 ng/ul	98

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

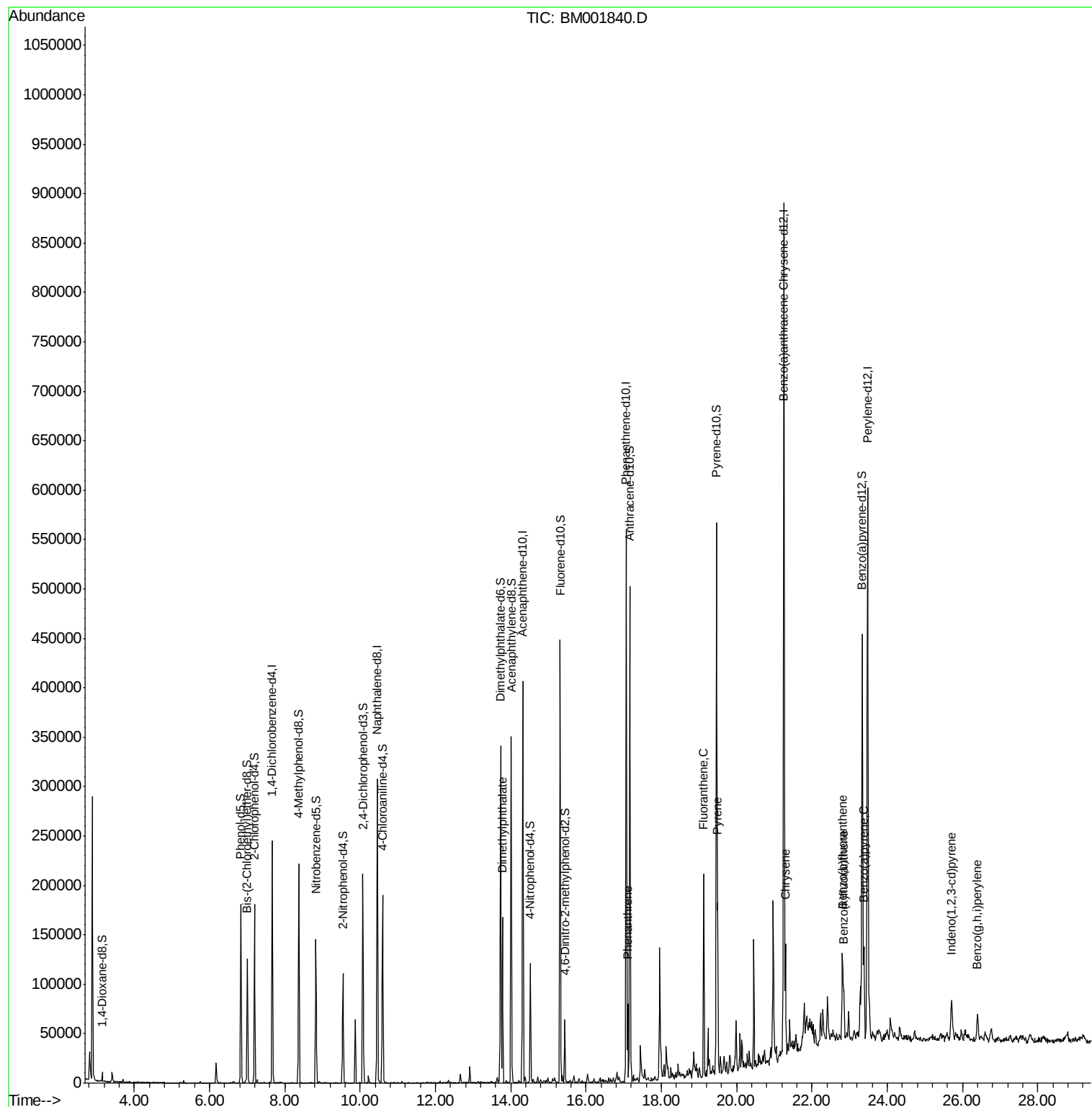
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001840.D
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ALS Vial : 11 Sample Multiplier: 1

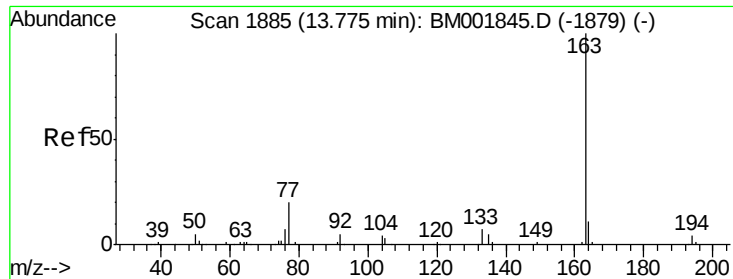
Instrument :
BNA_M
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G93M3

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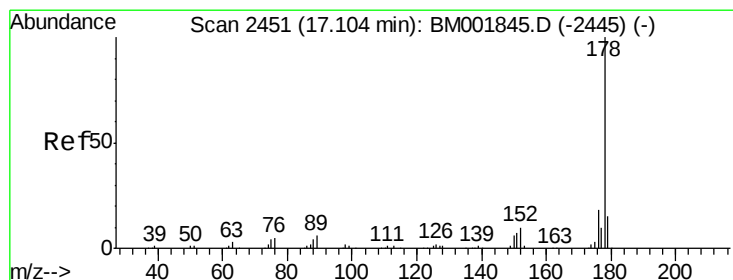
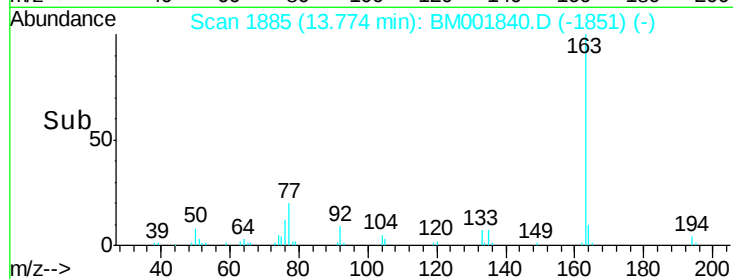
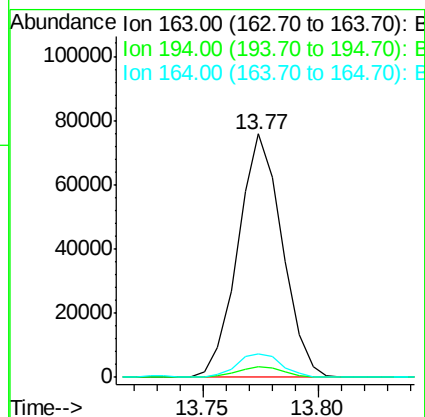
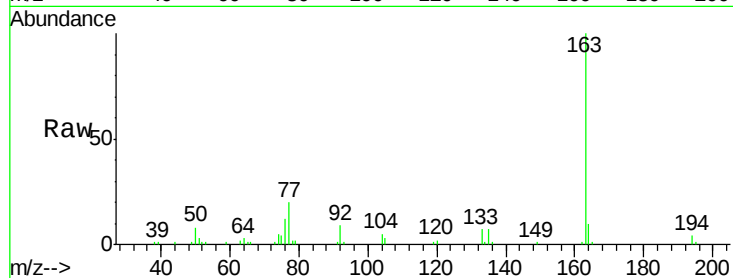
#44
Dimethylphthalate
Concen: 8.88 ng/ul
RT: 13.77 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BM001840.D
Acq: 06 Jul 2015 17:18

Instrument :
BNA_M
ClientSampled :
G93M3

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	101309		
194	4.3	3.6	5.4	
164	9.7	8.0	12.0	

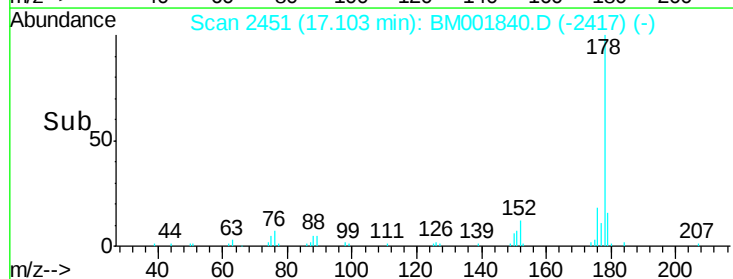
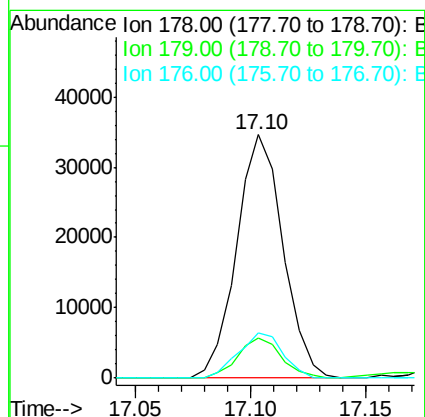
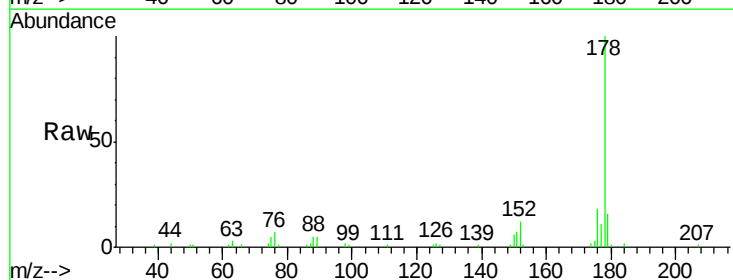
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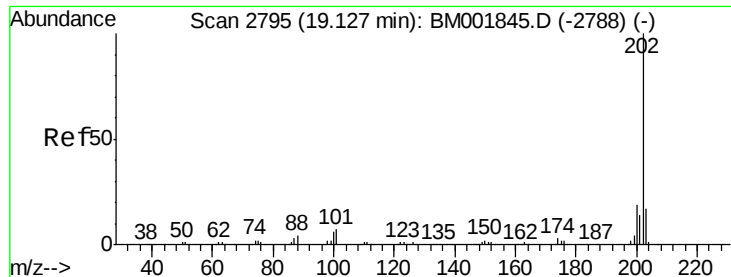
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#69
Phenanthrene
Concen: 2.80 ng/ul
RT: 17.10 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BM001840.D
Acq: 06 Jul 2015 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	48452		
179	16.3	11.9	17.9	
176	18.4	15.2	22.8	





#76

Fluoranthene

Concen: 5.63 ng/ul

RT: 19.12 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM001840.D

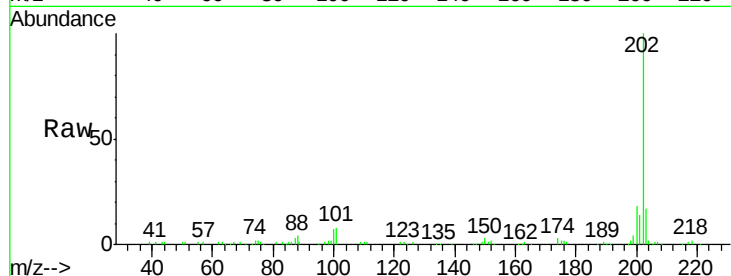
Acq: 06 Jul 2015 17:18

Instrument :

BNA_M

ClientSampleId :

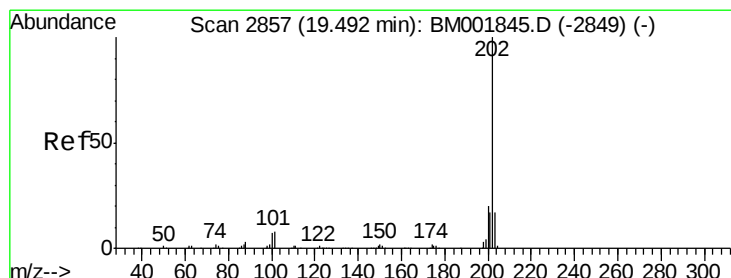
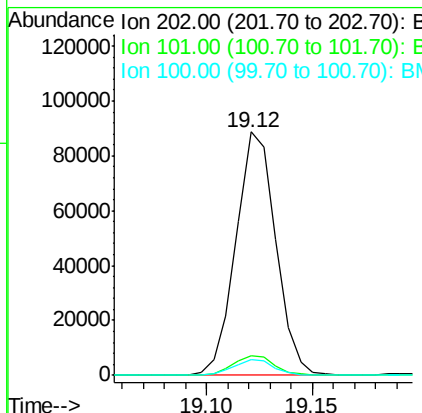
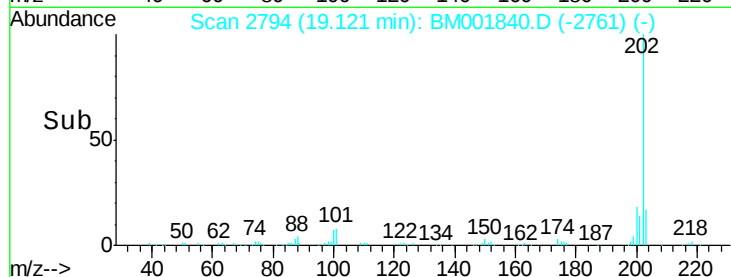
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.9	6.1	9.1
100	6.6	4.8	7.2

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#79

Pyrene

Concen: 5.30 ng/ul

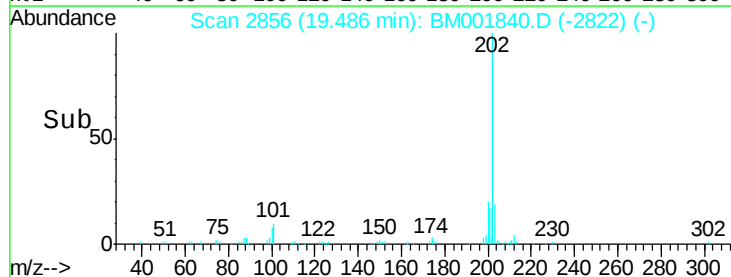
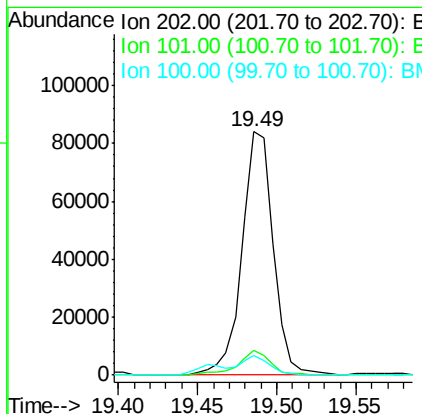
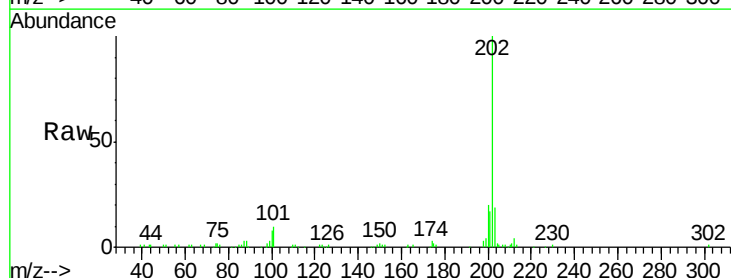
RT: 19.49 min Scan# 2856

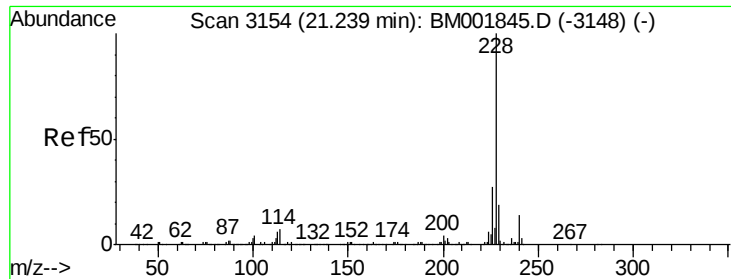
Delta R.T. 0.00 min

Lab File: BM001840.D

Acq: 06 Jul 2015 17:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.0	6.9	10.3
100	8.1	6.2	9.2





#82

Benzo(a)anthracene

Concen: 3.26 ng/ul

RT: 21.24 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BM001840.D

Acq: 06 Jul 2015 17:18

Instrument :

BNA_M

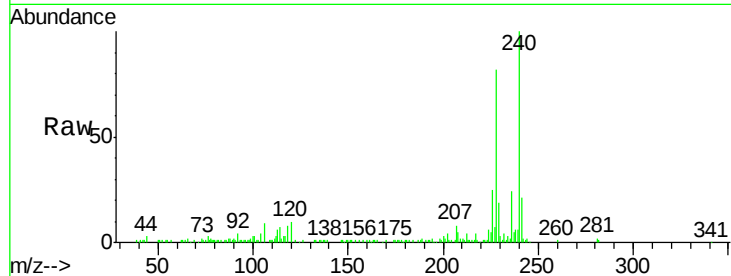
ClientSampleId :

G93M3

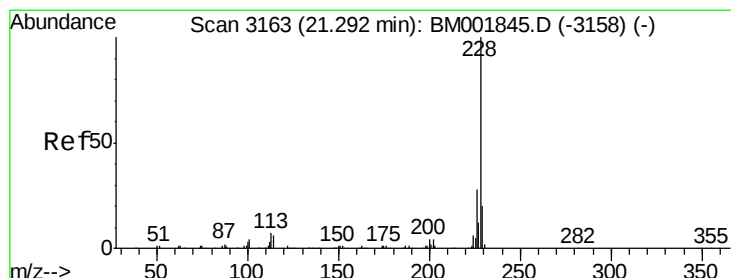
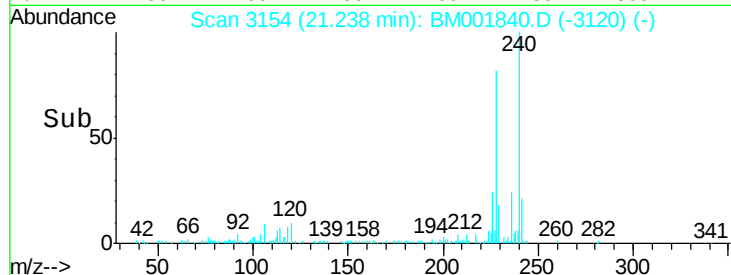
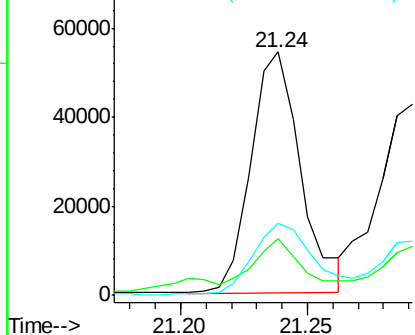
Tgt Ion:	228	Resp:	74631
Ion Ratio	Lower	Upper	
228	100		
229	23.5	15.4	23.0#
226	29.8	20.6	30.8

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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: 2.74 ng/ul

RT: 21.29 min Scan# 3163

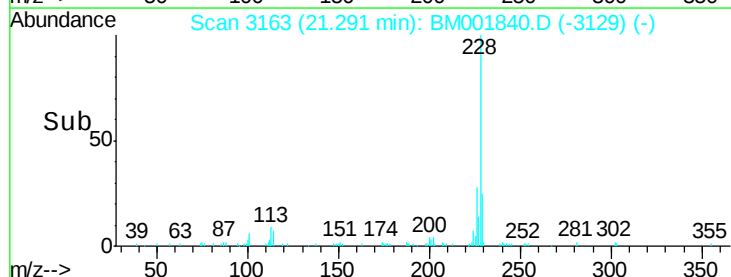
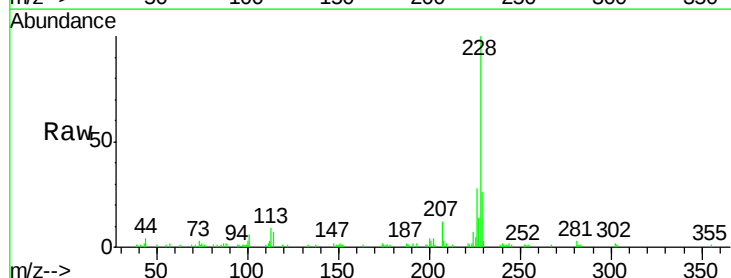
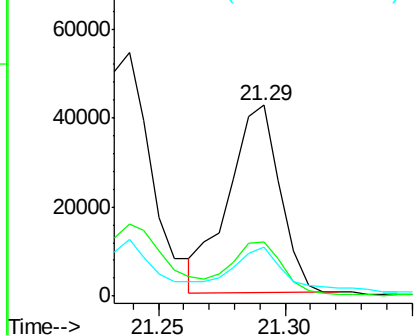
Delta R.T. 0.00 min

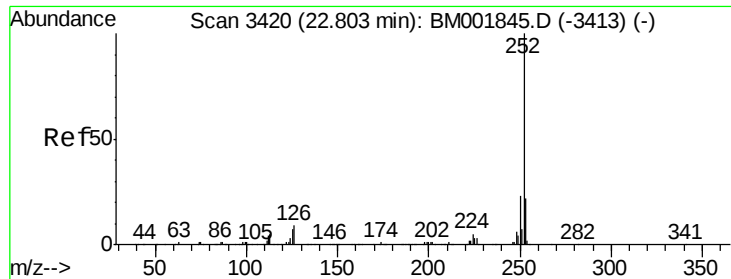
Lab File: BM001840.D

Acq: 06 Jul 2015 17:18

Tgt Ion:	228	Resp:	59567
Ion Ratio	Lower	Upper	
228	100		
226	28.0	23.0	34.4
229	25.8	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





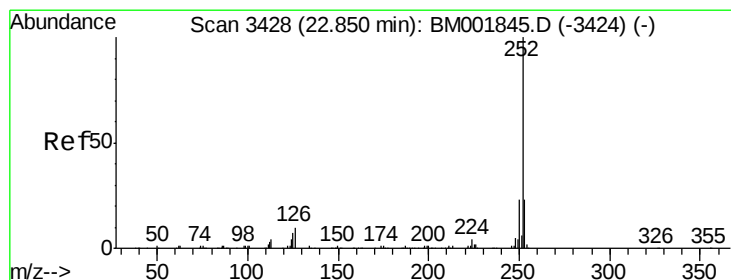
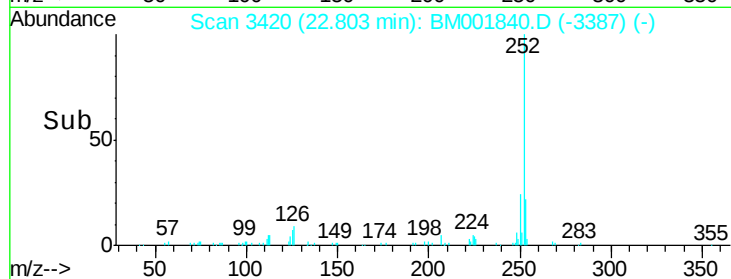
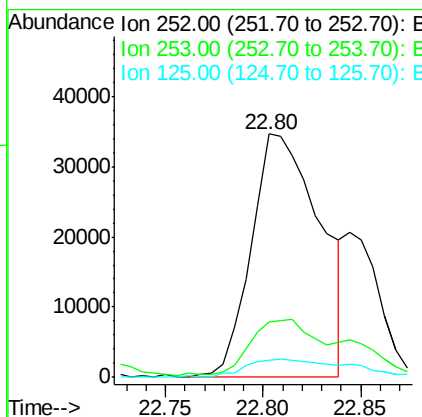
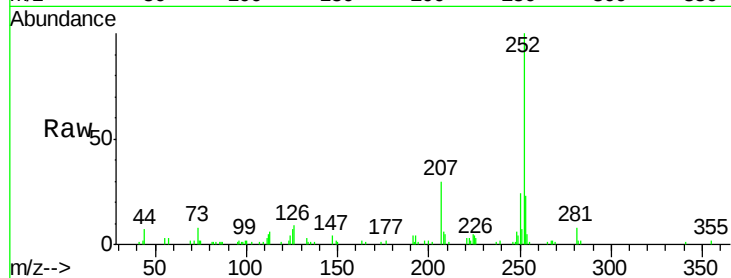
#87
Benzo(b)fluoranthene
Concen: 3.66 ng/ul
RT: 22.80 min Scan# 3420
Delta R.T. -0.01 min
Lab File: BM001840.D
Acq: 06 Jul 2015 17:18

Instrument :
BNA_M
ClientSampleId :
G93M3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	6.8	5.3	7.9

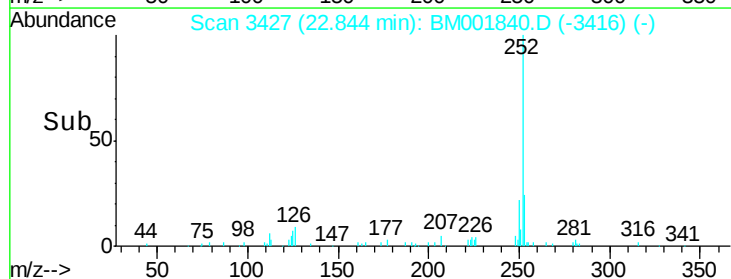
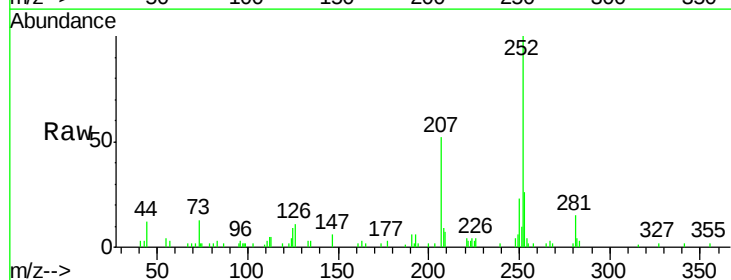
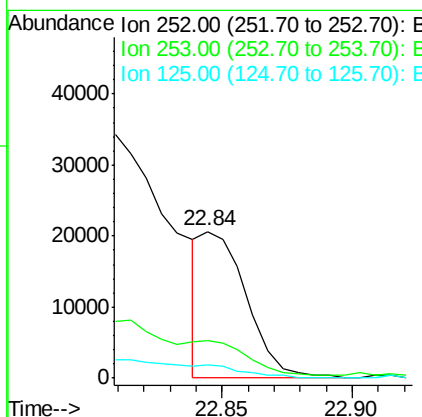
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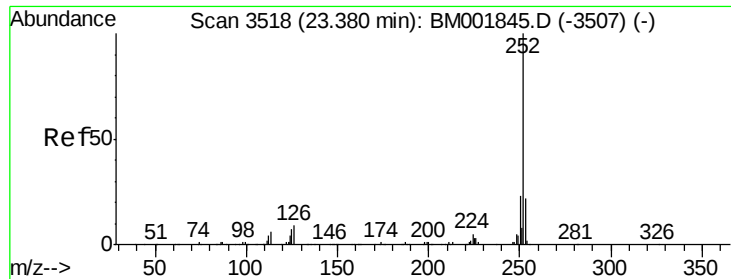
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#88
Benzo(k)fluoranthene
Concen: 1.13 ng/ul m
RT: 22.84 min Scan# 3427
Delta R.T. -0.01 min
Lab File: BM001840.D
Acq: 06 Jul 2015 17:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.1	25.7#
125	8.8	5.3	7.9#





#90

Benzo(a)pyrene

Concen: 3.12 ng/ul

RT: 23.37 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BM001840.D

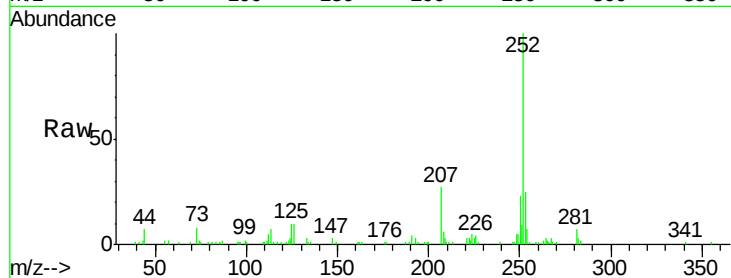
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Instrument :

BNA_M

ClientSampleId :

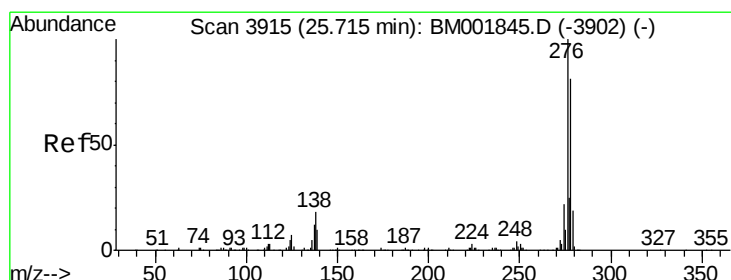
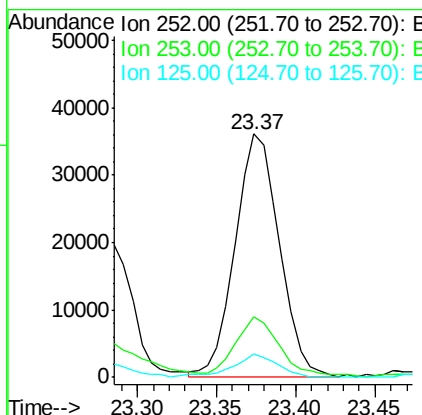
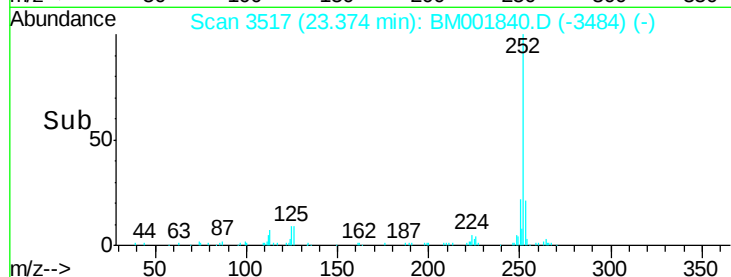
G93M3



Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.4	26.0
125	9.7	6.0	9.0

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#91

Indeno(1,2,3-cd)pyrene

Concen: 1.42 ng/ul

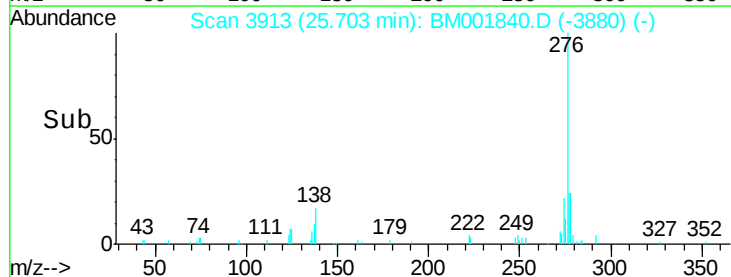
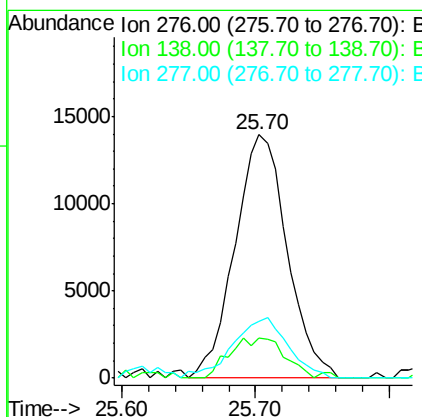
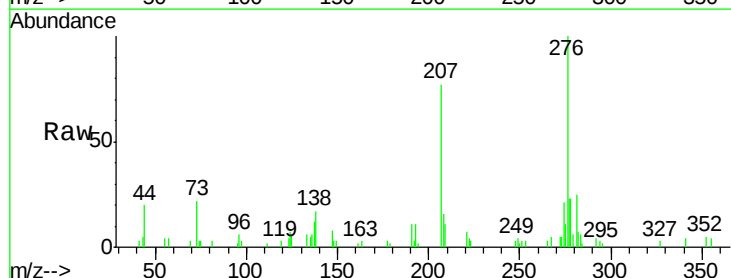
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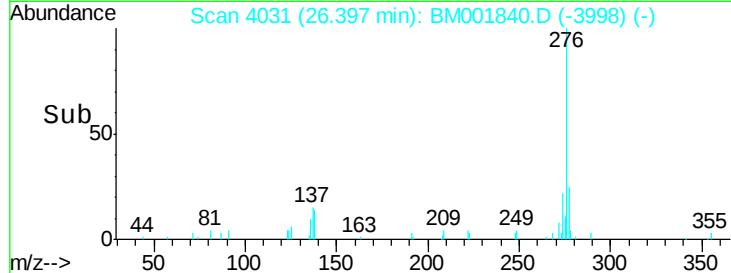
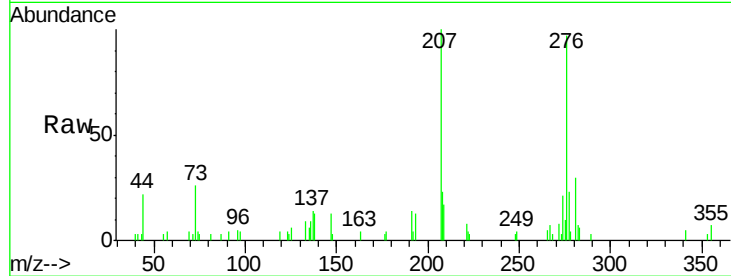
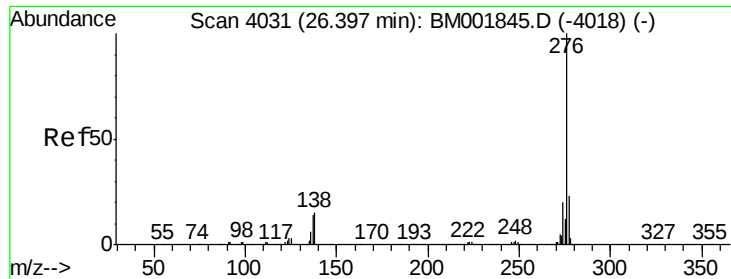
Delta R.T. -0.01 min

Lab File: BM001840.D

Acq: 06 Jul 2015 17:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.5	14.7	22.1
277	23.5	19.7	29.5





#93
 Benzo(g,h,i)perylene
 Concen: 1.47 ng/ul
 RT: 26.40 min Scan# 4031
 Delta R.T. -0.01 min
 Lab File: BM001840.D
 Acq: 06 Jul 2015 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	33093		
138	13.9		12.6	19.0
277	23.9		18.7	28.1

Instrument :
 BNA_M
 ClientSampleId :
 G93M3

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