

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
 Data File : BM005847.D
 Acq On : 17 Jun 2016 02:50
 Operator : UM/SJ
 Sample : H3535-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XX2

Manual Integrations
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Quant Time: Jun 17 05:22:02 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 17 01:56:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	26176	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	122156	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	75734	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	175093	20.00	ng/ul	0.00
29) Chrysene-d12	21.30	240	211569	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	184151	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	734	3.63	ng/uL	0.00
3) Phenol-d5	6.91	99	34715	15.84	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	21661	19.07	ng/ul	0.00
5) 2-Chlorophenol-d4	7.26	132	34963	18.74	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	26151	13.35	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	17750	20.59	ng/ul	0.00
9) 2-Nitrophenol-d4	9.61	143	21408	20.32	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	38604	18.55	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	11773	8.36	ng/ul	0.00
16) Dimethylphthalate-d6	13.78	166	130420	18.20	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	162662	19.71	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	7120	8.25	ng/ul	0.02
21) Fluorene-d10	15.37	176	113728	18.63	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	17068	14.45	ng/ul	0.00
26) Anthracene-d10	17.22	188	177934	19.46	ng/ul	0.00
30) Pyrene-d10	19.52	212	206557	20.60	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.41	264	180107	19.56	ng/ul	0.00

Target Compounds

						Qvalue
11) Naphthalene	10.57	128	18958	2.90	ng/ul	98
13) 2-Methylnaphthalene	12.19	142	21142	4.24	ng/ul	97
14) 1-Methylnaphthalene	12.40	142	17746	3.42	ng/ul	93
18) Acenaphthylene	14.10	152	10132	1.21	ng/ul#	96
25) Phenanthrene	17.16	178	50905	4.88	ng/ul	99
27) Anthracene	17.25	178	11233	1.05	ng/ul	97
28) Fluoranthene	19.18	202	97211	7.42	ng/ul	98
31) Pyrene	19.54	202	96723	7.74	ng/ul	99
32) Benzo(a)anthracene	21.29	228	66631	5.04	ng/ul	95
33) Chrysene	21.34	228	72204m	5.67	ng/ul	
35) Benzo(b)fluoranthene	22.88	252	111228	9.70	ng/ul	98
36) Benzo(k)fluoranthene	22.91	252	35075m	3.17	ng/ul	
38) Benzo(a)pyrene	23.46	252	63256	5.62	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.84	276	45457	3.30	ng/ul	99
40) Dibenzo(a,h)anthracene	25.83	278	13290	1.17	ng/ul#	78
41) Benzo(g,h,i)perylene	26.54	276	42116	3.60	ng/ul	96

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

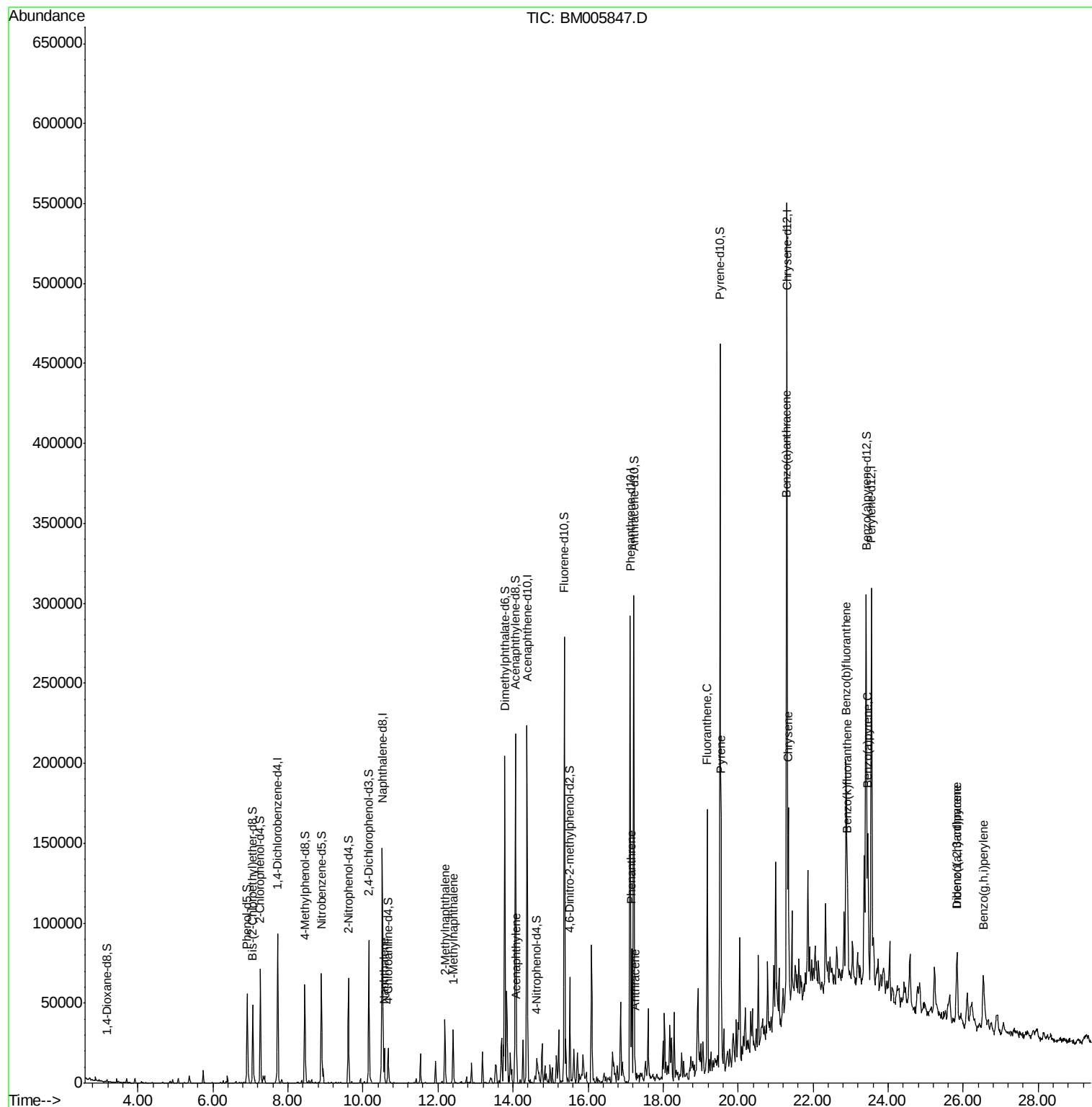
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
Data File : BM005847.D
Acq On : 17 Jun 2016 02:50
Operator : UM/SJ
Sample : H3535-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

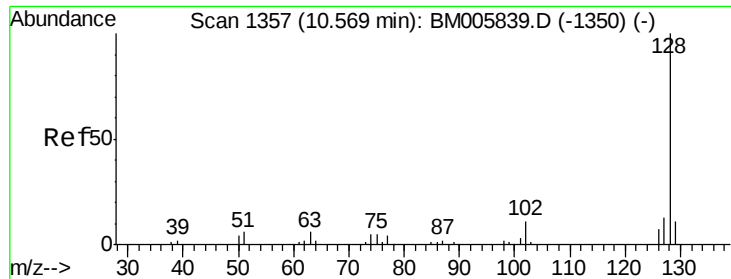
Instrument :
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Quant Time: Jun 17 05:22:02 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
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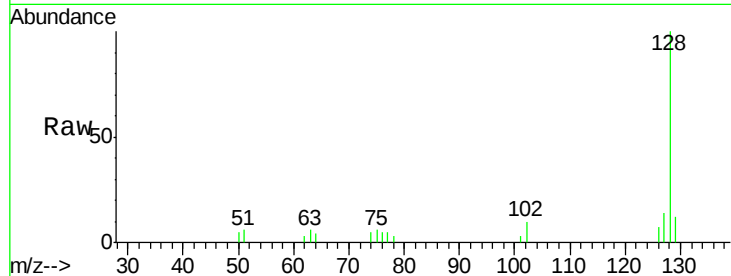
#11
Naphthalene
Concen: 2.90 ng/ul
RT: 10.57 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BM005847.D
Acq: 17 Jun 2016 02:50

Instrument :
BNA_M
ClientSampleId :
D9XX2

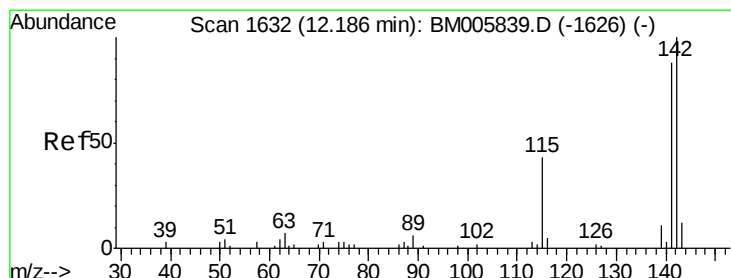
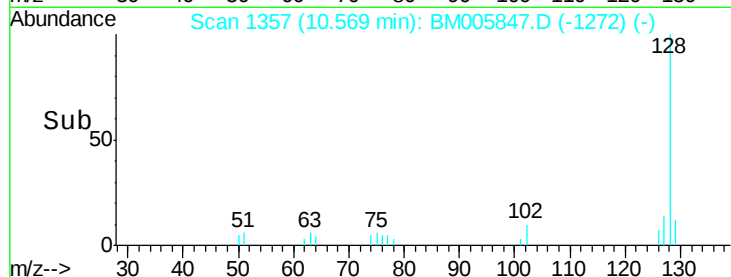
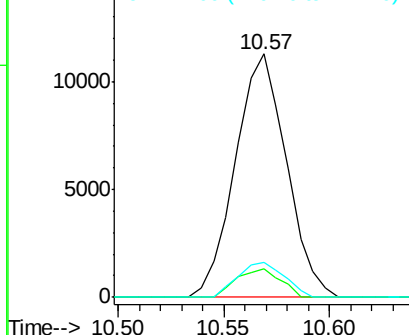
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	18958		
129	11.9	9.0	13.4	
127	14.3	10.9	16.3	

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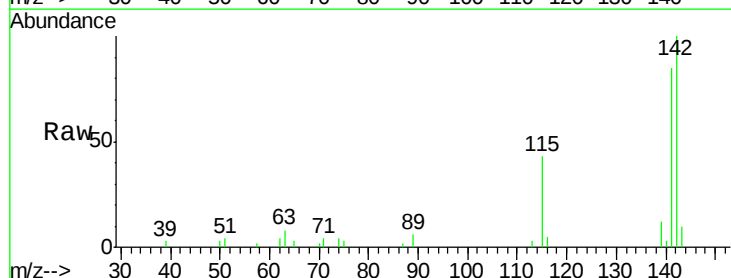


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Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

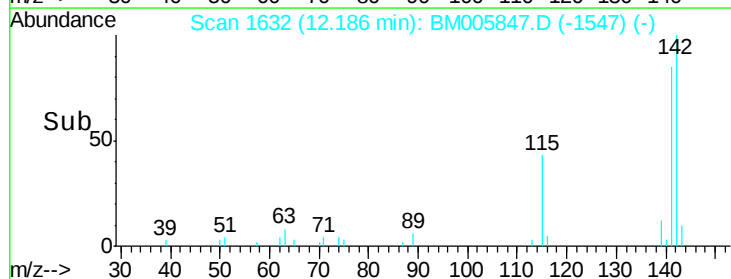
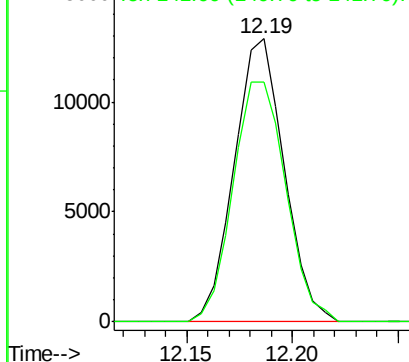


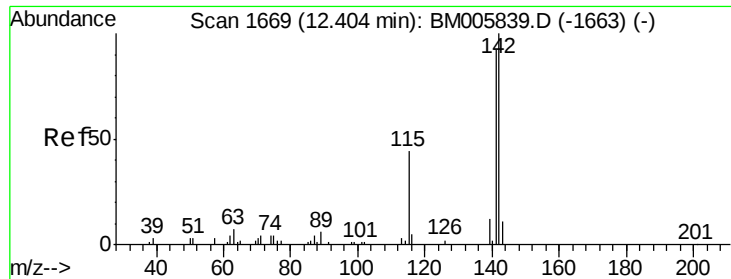
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2-Methylnaphthalene
Concen: 4.24 ng/ul
RT: 12.19 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BM005847.D
Acq: 17 Jun 2016 02:50

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	21142		
141	84.9	70.2	105.2	



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





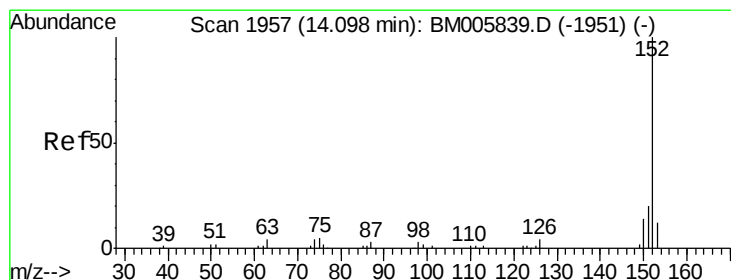
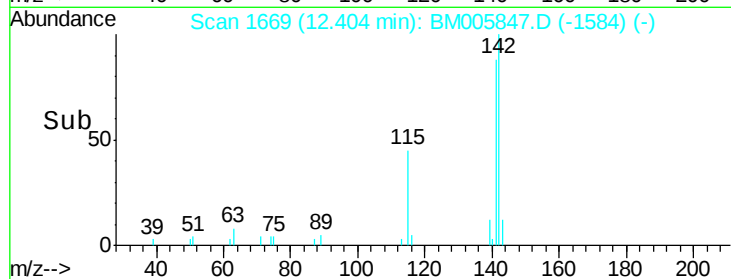
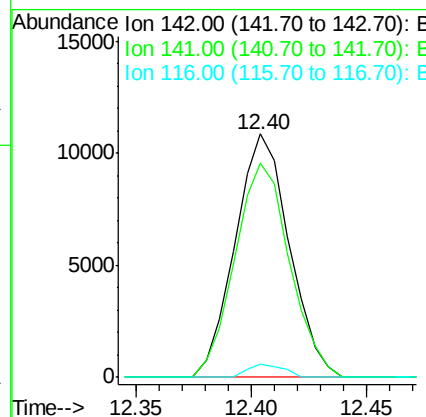
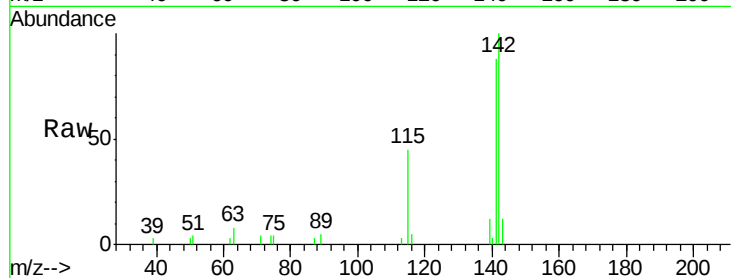
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1-Methylnaphthalene
Concen: 3.42 ng/ul
RT: 12.40 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BM005847.D
Acq: 17 Jun 2016 02:50

Instrument :
BNA_M
ClientSampled :
D9XX2

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.7	75.4	113.2
116	5.2	3.7	5.5

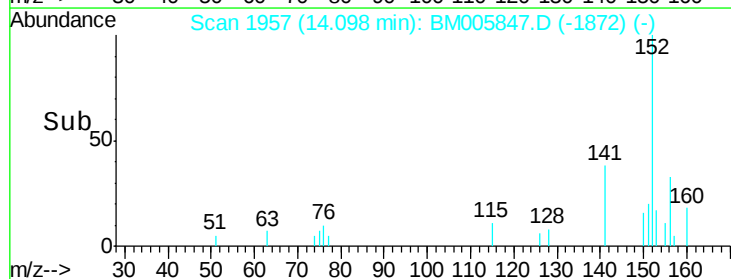
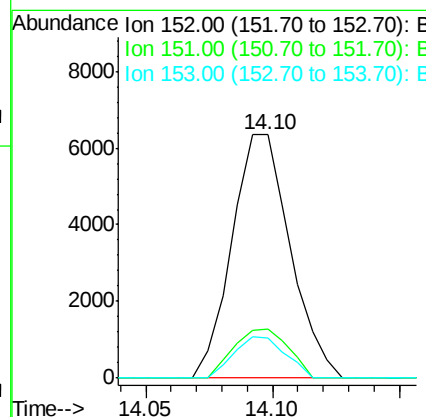
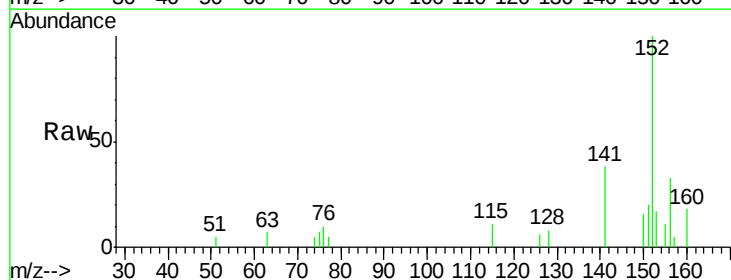
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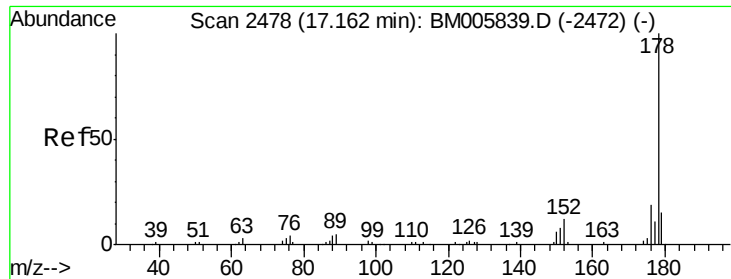
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#18
Acenaphthylene
Concen: 1.21 ng/ul
RT: 14.10 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BM005847.D
Acq: 17 Jun 2016 02:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	16.5	10.2	15.2#





#25

Phenanthrene

Concen: 4.88 ng/ul

RT: 17.16 min Scan# 2478

Delta R.T. -0.00 min

Lab File: BM005847.D

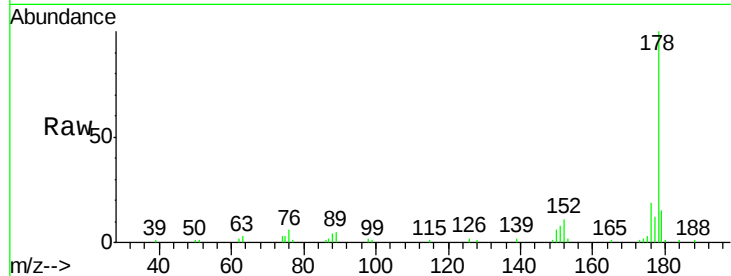
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Instrument :

BNA_M

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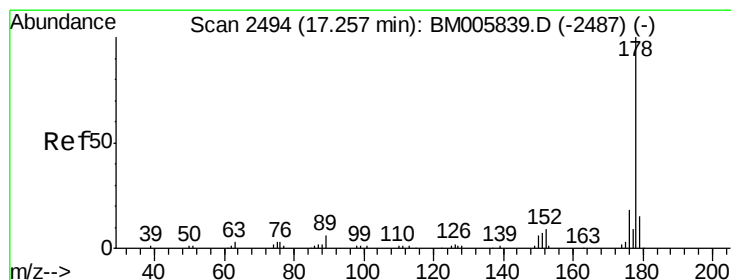
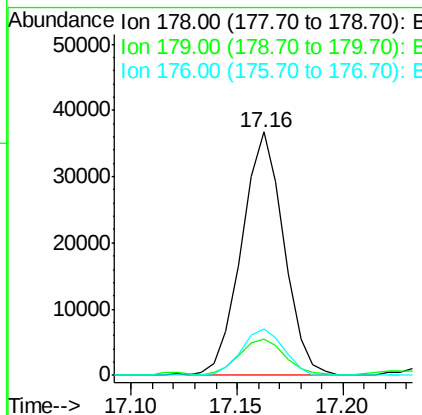
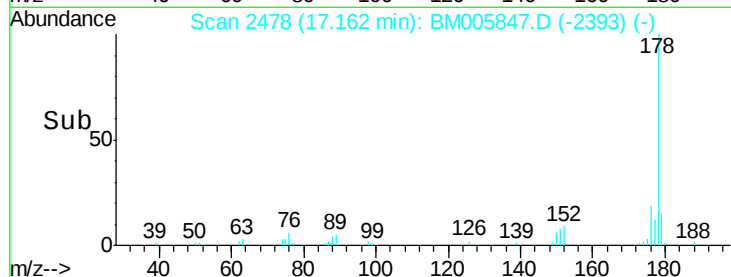
D9XX2



Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.0	18.0
176	19.2	14.9	22.3

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#27

Anthracene

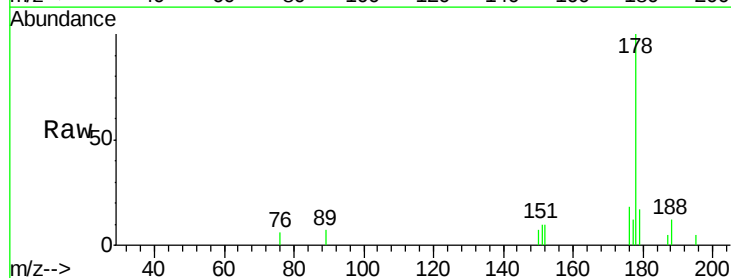
Concen: 1.05 ng/ul

RT: 17.25 min Scan# 2493

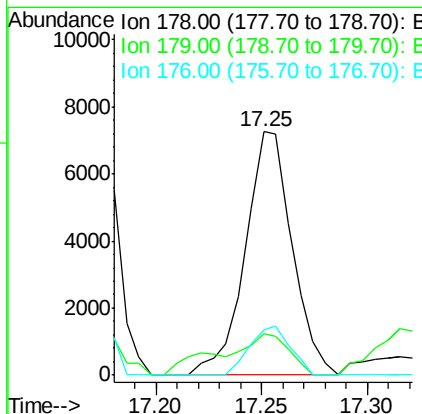
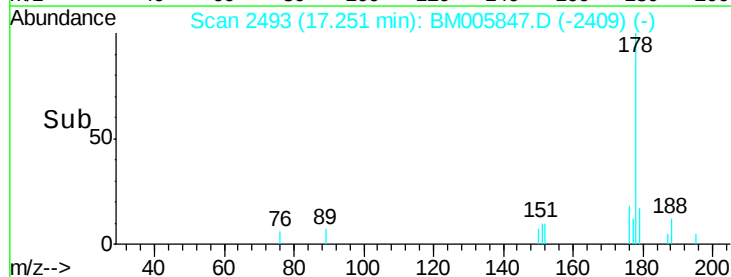
Delta R.T. -0.01 min

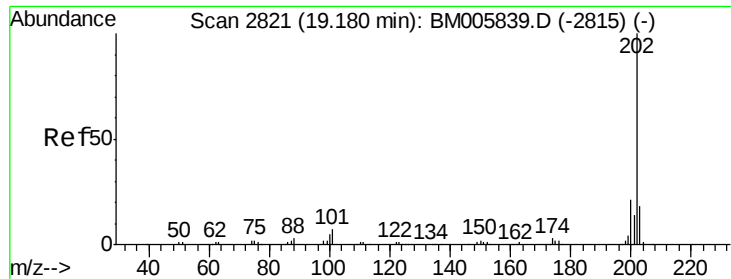
Lab File: BM005847.D

Acq: 17 Jun 2016 02:50



Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.1	11.9	17.9
176	18.4	14.8	22.2





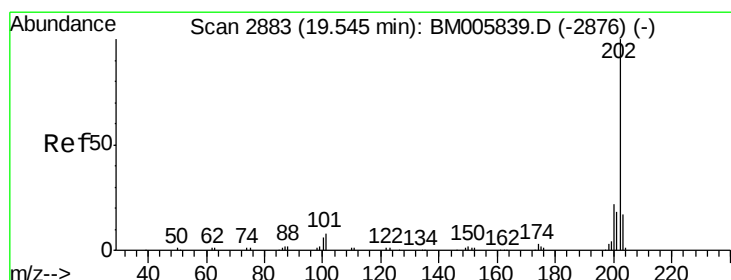
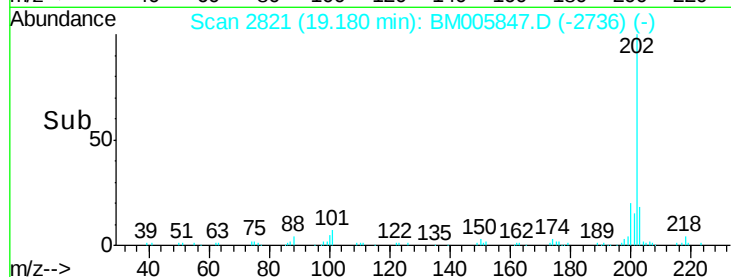
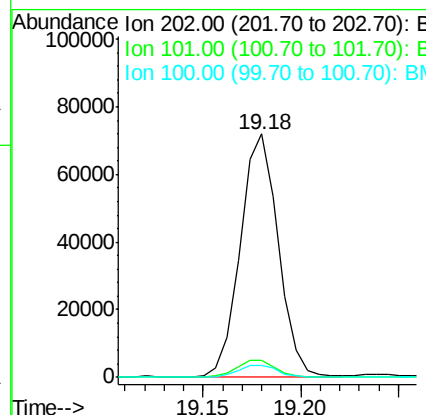
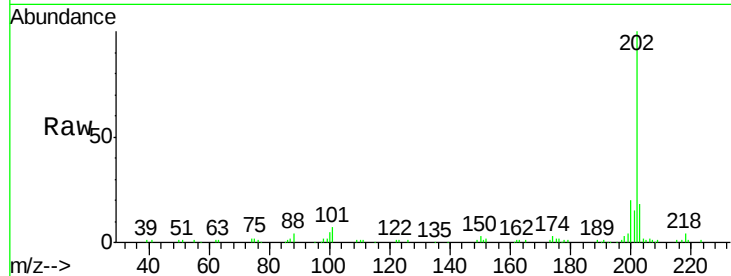
#28
Fluoranthene
Concen: 7.42 ng/ul
RT: 19.18 min Scan# 2821
Delta R.T. -0.00 min
Lab File: BM005847.D
Acq: 17 Jun 2016 02:50

Instrument :
BNA_M
ClientSampleId :
D9XX2

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	97211		
101	6.7	6.1	9.1	
100	4.9	4.2	6.2	

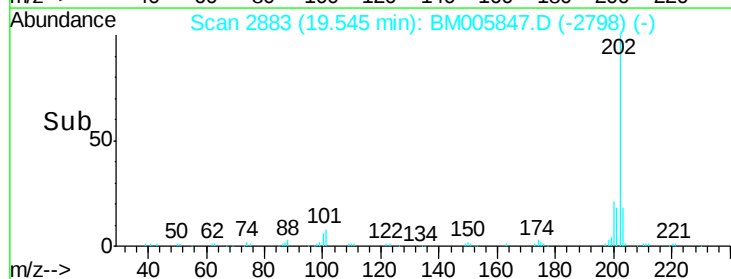
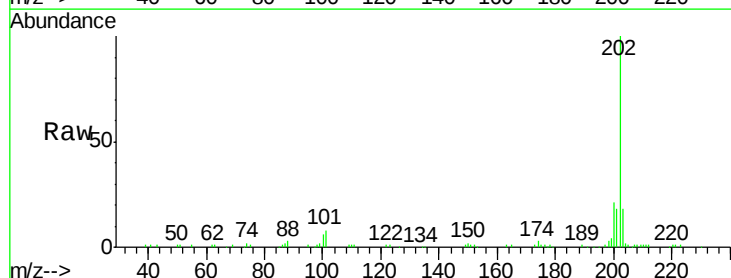
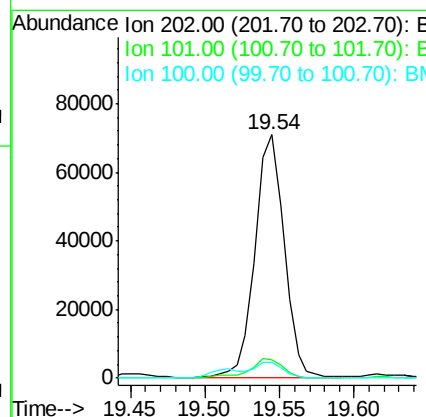
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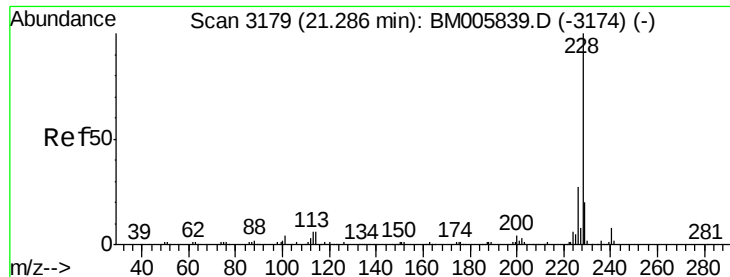
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#31
Pyrene
Concen: 7.74 ng/ul
RT: 19.54 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BM005847.D
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	96723		
101	7.8	6.5	9.7	
100	6.4	5.4	8.2	





#32

Benzo(a)anthracene

Concen: 5.04 ng/ul

RT: 21.29 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BM005847.D

Acq: 17 Jun 2016 02:50

Instrument :

BNA_M

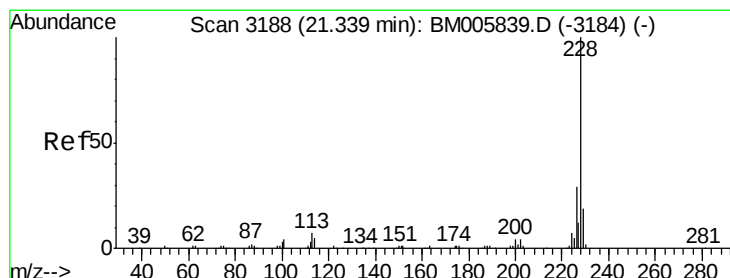
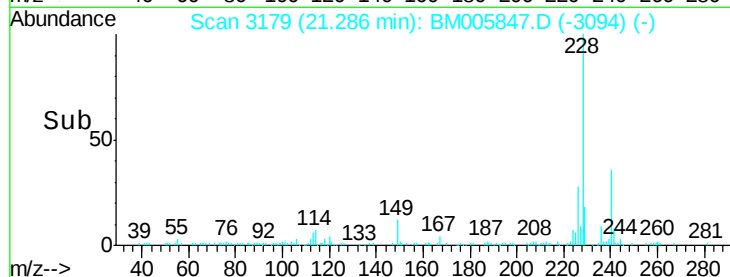
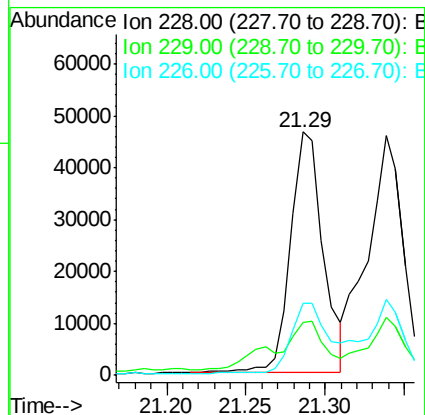
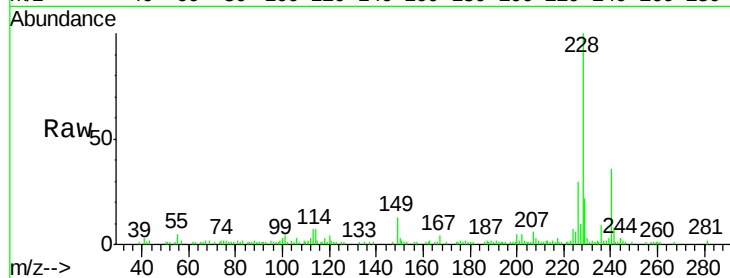
ClientSampleId :

D9XX2

Tgt Ion:	228	Resp:	66631
Ion Ratio	Lower	Upper	
228	100		
229	21.8	15.8	23.6
226	29.7	21.8	32.6

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#33

Chrysene

Concen: 5.67 ng/ul m

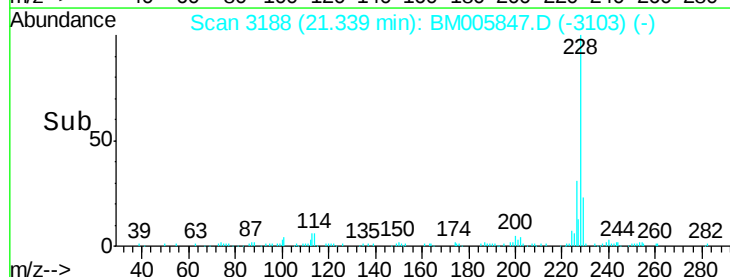
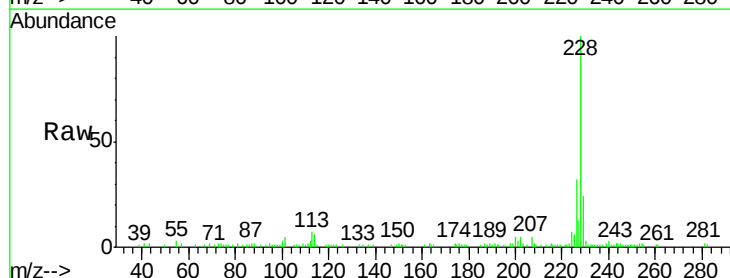
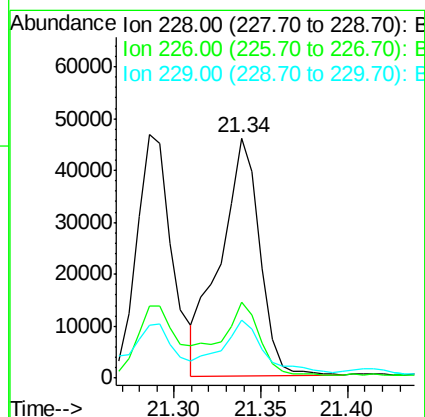
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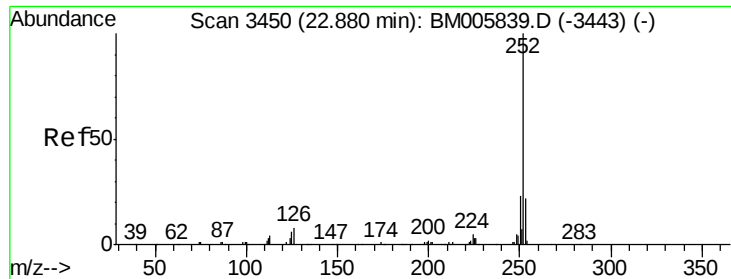
Delta R.T. -0.00 min

Lab File: BM005847.D

Acq: 17 Jun 2016 02:50

Tgt Ion:	228	Resp:	72204
Ion Ratio	Lower	Upper	
228	100		
226	31.6	23.5	35.3
229	24.4	15.4	23.0#





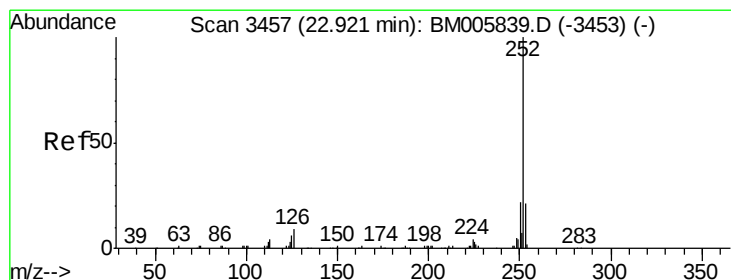
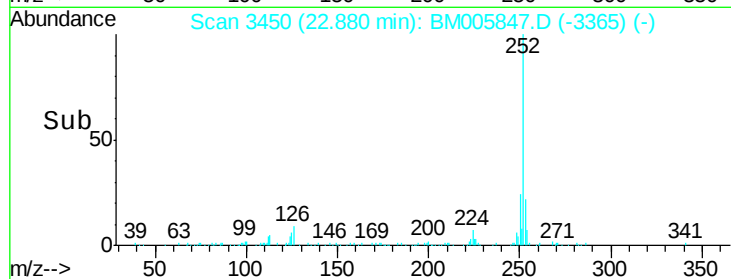
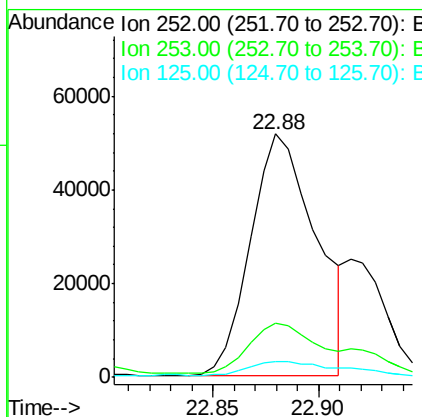
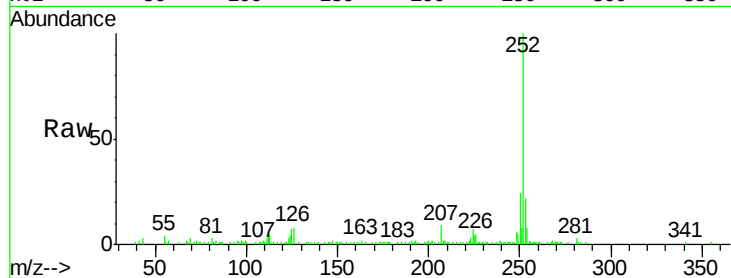
#35
Benzo(b)fluoranthene
Concen: 9.70 ng/ul
RT: 22.88 min Scan# 3450
Delta R.T. -0.00 min
Lab File: BM005847.D
Acq: 17 Jun 2016 02:50

Instrument :
BNA_M
ClientSampleId :
D9XX2

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	111228		
253	22.3	17.1	25.7	
125	6.6	4.9	7.3	

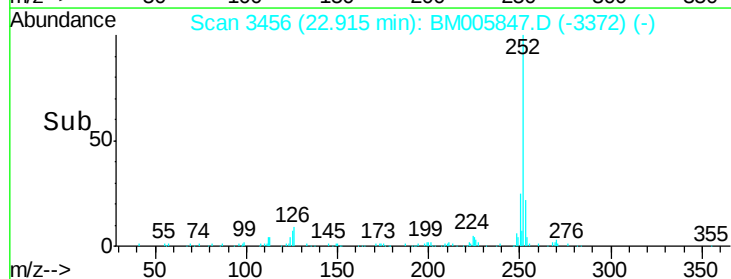
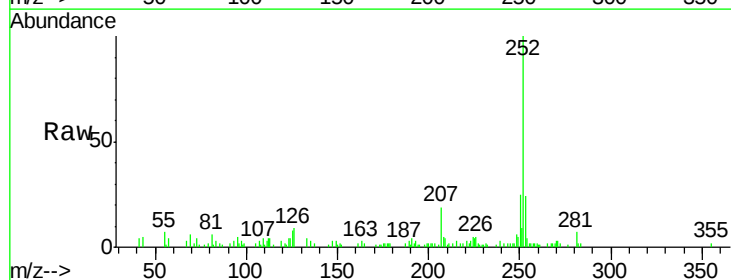
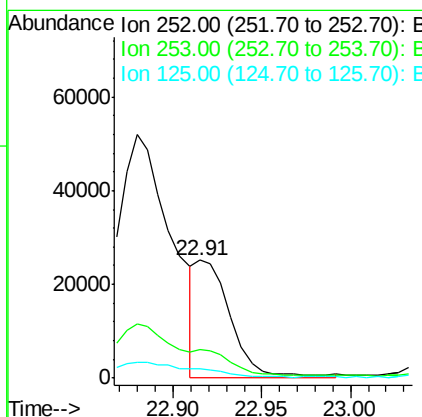
Manual Integrations
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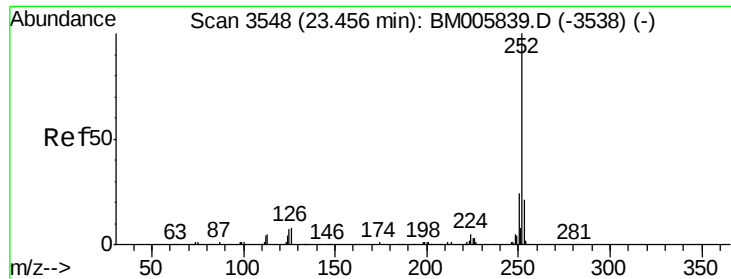
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#36
Benzo(k)fluoranthene
Concen: 3.17 ng/ul m
RT: 22.91 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BM005847.D
Acq: 17 Jun 2016 02:50

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	35075		
253	24.3	17.5	26.3	
125	8.1	4.8	7.2#	





#38

Benzo(a)pyrene

Concen: 5.62 ng/ul

RT: 23.46 min Scan# 3548

Delta R.T. -0.00 min

Lab File: BM005847.D

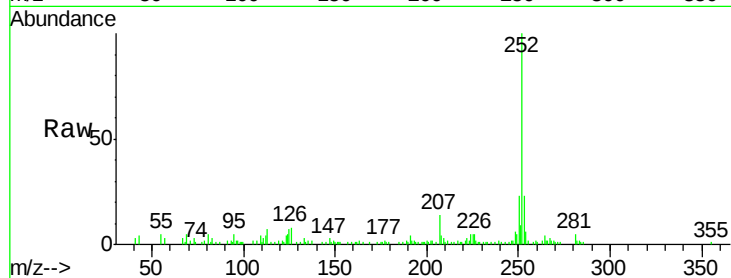
Acq: 17 Jun 2016 02:50

Instrument :

BNA_M

ClientSampleId :

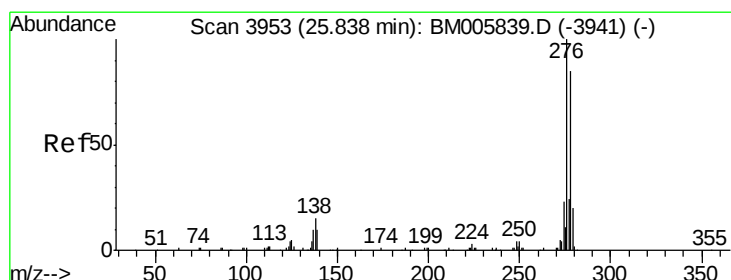
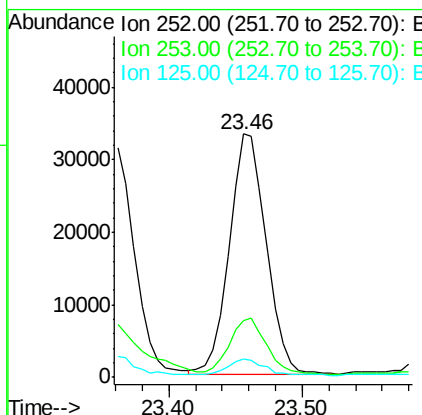
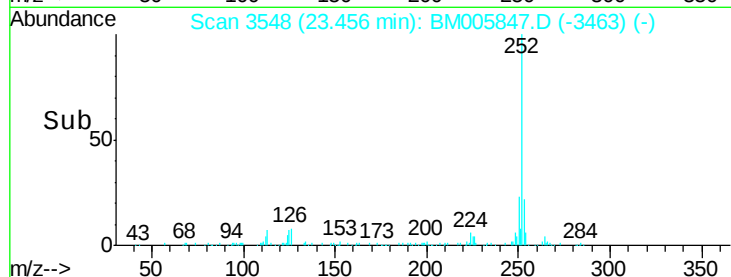
D9XX2



Tgt Ion:	252	Resp:	63256
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.0	27.0
125	7.3	5.1	7.7

Manual Integrations
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#39

Indeno(1,2,3-cd)pyrene

Concen: 3.30 ng/ul

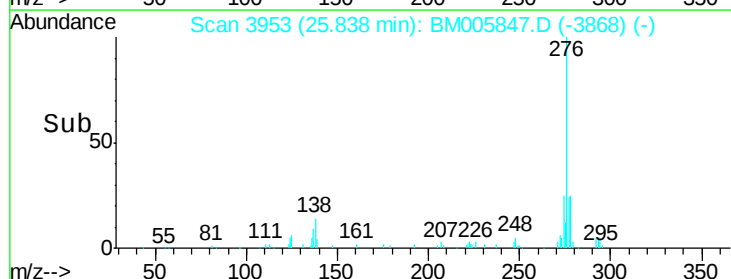
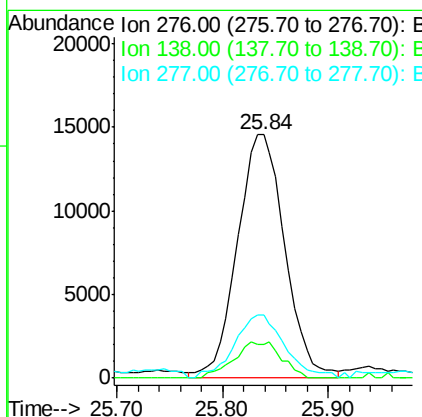
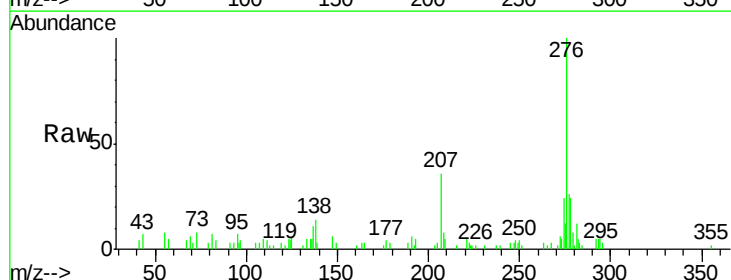
RT: 25.84 min Scan# 3953

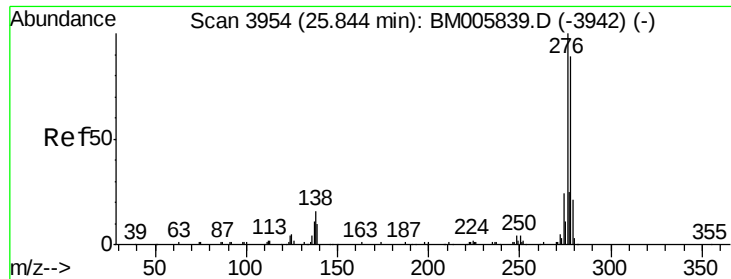
Delta R.T. -0.00 min

Lab File: BM005847.D

Acq: 17 Jun 2016 02:50

Tgt Ion:	276	Resp:	45457
Ion Ratio	Lower	Upper	
276	100		
138	14.1	11.9	17.9
277	25.9	21.0	31.6





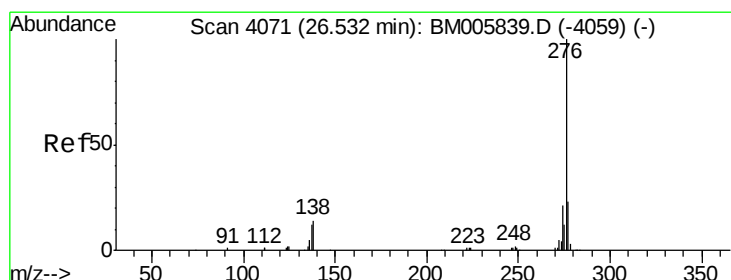
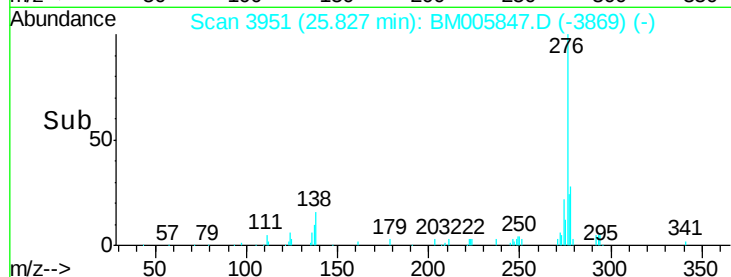
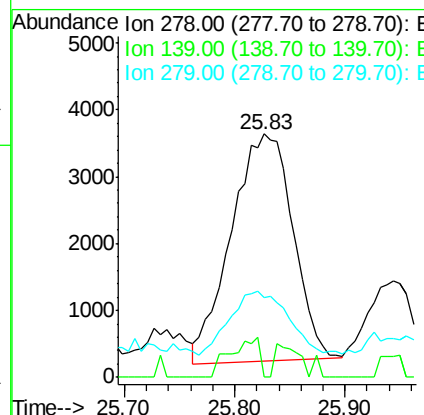
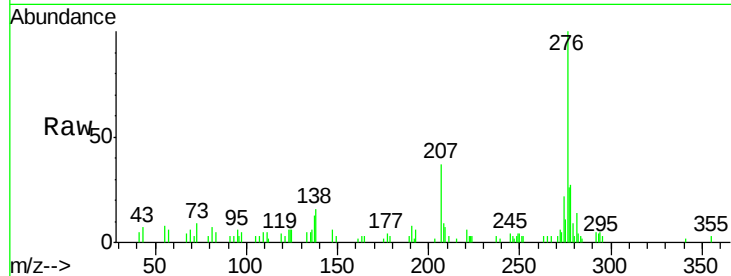
#40
Dibenzo(a,h)anthracene
Concen: 1.17 ng/ul
RT: 25.83 min Scan# 3951
Delta R.T. -0.02 min
Lab File: BM005847.D
Acq: 17 Jun 2016 02:50

Instrument :
BNA_M
ClientSampled :
D9XX2

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	13290		
139	0.0	8.2	12.4#	
279	32.7	18.6	27.8#	

Manual Integrations
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#41
Benzo(g,h,i)perylene
Concen: 3.60 ng/ul
RT: 26.54 min Scan# 4072
Delta R.T. 0.01 min
Lab File: BM005847.D
Acq: 17 Jun 2016 02:50

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	42116		
138	14.5	10.6	15.8	
277	26.9	19.6	29.4	

