

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082115\
 Data File : BM002545.D
 Acq On : 22 Aug 2015 05:56
 Operator : UM/IZ
 Sample : G3372-24
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DX4

Manual Integrations
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MMDadoda
 8/24/2015 11:25:35 AM

Quant Time: Aug 24 00:49:51 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 23:16:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	122960	20.00	ng/ul	0.00
2) Naphthalene-d8	11.69	136	574203	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.40	164	306923	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.12	188	632573	20.00	ng/ul	0.00
17) Chrysene-d12	22.20	240	546957	20.00	ng/ul	0.00
22) Perylene-d12	24.84	264	451884	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	15.11	160	334035	10.64	ng/ul	0.00
10) Fluorene-d10	16.37	176	224582	10.19	ng/ul	0.00
14) Anthracene-d10	18.21	188	322908	10.58	ng/ul	0.00
18) Pyrene-d10	20.43	212	301144	12.42	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	191905	8.08	ng/ul	0.00

Target Compounds

						Qvalue
3) Naphthalene	11.74	128	99044	3.38	ng/ul	99
4) 2-Methylnaphthalene	13.28	142	35659	1.62	ng/ul	100
5) 1-Methylnaphthalene	13.50	142	28764	1.32	ng/ul	99
8) Acenaphthylene	15.13	152	112974	3.44	ng/ul	99
9) Acenaphthene	15.47	153	79211	3.66	ng/ul	99
11) Fluorene	16.43	166	106860	4.31	ng/ul	99
13) Phenanthrene	18.16	178	3433401	93.99	ng/ul	99
15) Anthracene	18.25	178	213508	5.77	ng/ul	99
16) Fluoranthene	20.11	202	4075368	98.55	ng/ul	95
19) Pyrene	20.47	202	3038586	94.83	ng/ul	98
20) Benzo(a)anthracene	22.18	228	804189	24.59	ng/ul	99
21) Chrysene	22.24	228	1267209	41.42	ng/ul	98
23) Benzo(b)fluoranthene	24.03	252	1187245	43.46	ng/ul	97
24) Benzo(k)fluoranthene	24.07	252	400434m	15.47	ng/ul	
26) Benzo(a)pyrene	24.73	252	635426	24.35	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.63	276	449680	14.99	ng/ul	94
28) Dibenzo(a,h)anthracene	27.63	278	113695	4.53	ng/ul#	73
29) Benzo(g,h,i)perylene	28.51	276	372178	14.90	ng/ul	97

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

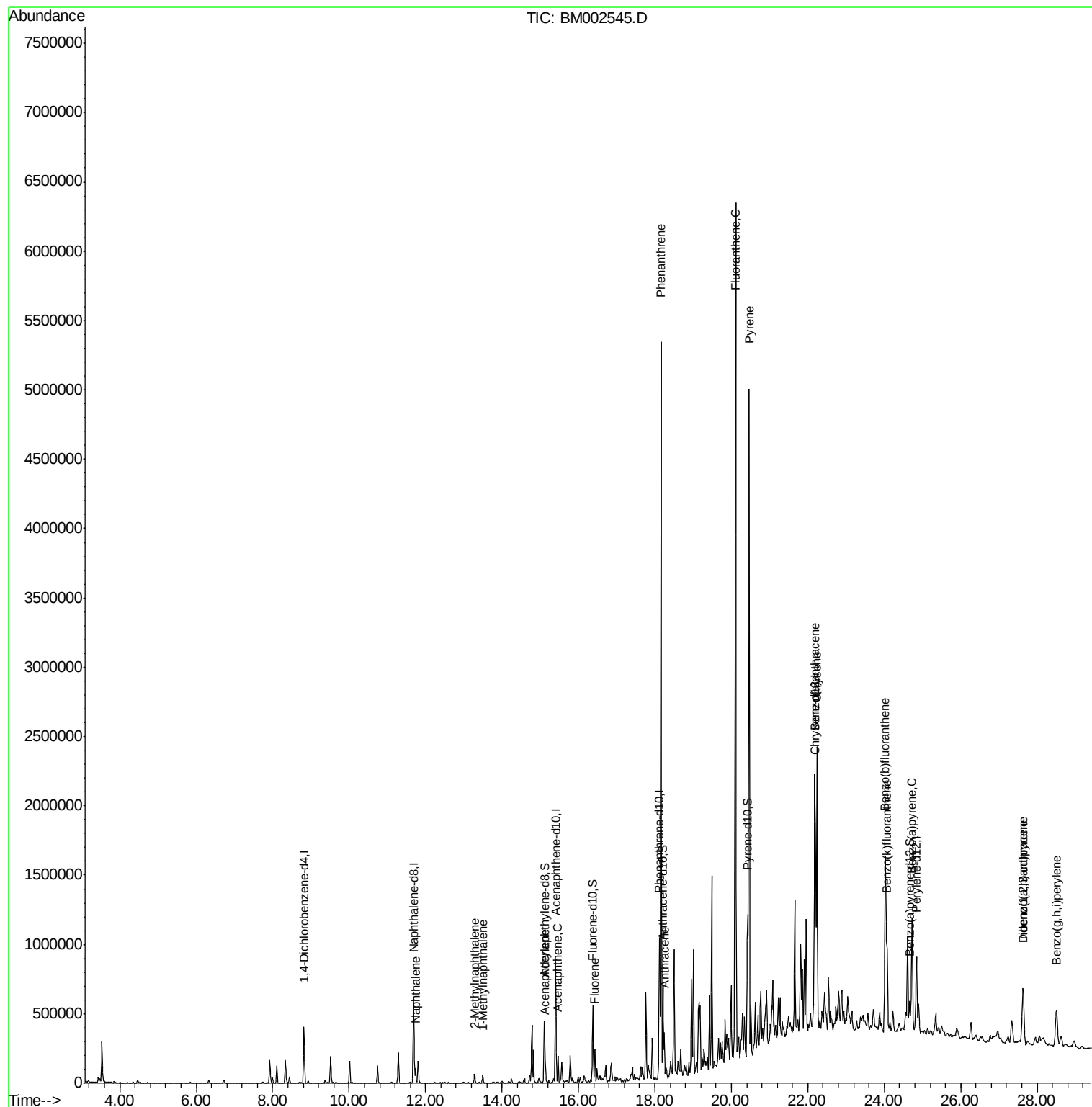
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082115\
Data File : BM002545.D
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ALS Vial : 27 Sample Multiplier: 1

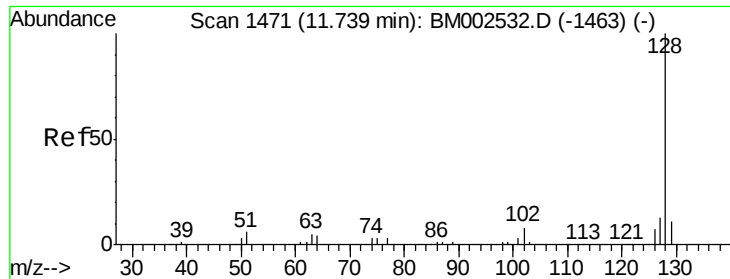
Instrument :
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D9DX4

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#3

Naphthalene

Concen: 3.38 ng/ul

RT: 11.74 min Scan# 1471

Delta R.T. 0.00 min

Lab File: BM002545.D

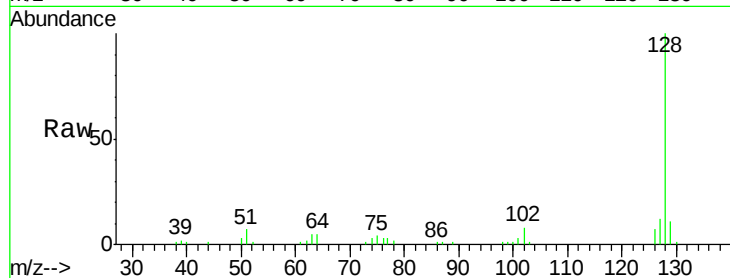
Acq: 22 Aug 2015 05:56

Instrument :

BNA_M

ClientSampleId :

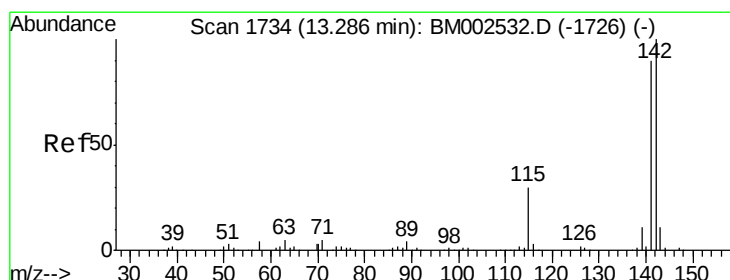
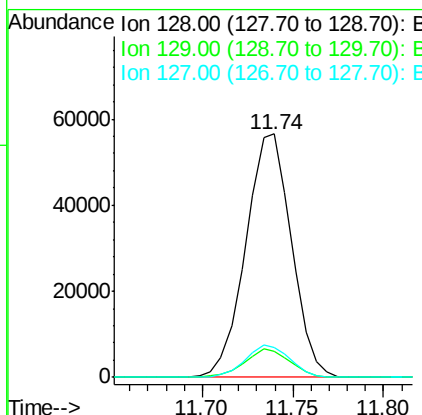
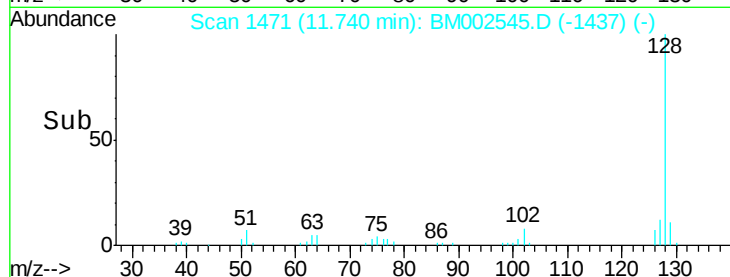
D9DX4



Tgt Ion:	128	Resp:	99044
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.6	12.8
127	12.5	10.4	15.6

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#4

2-Methylnaphthalene

Concen: 1.62 ng/ul

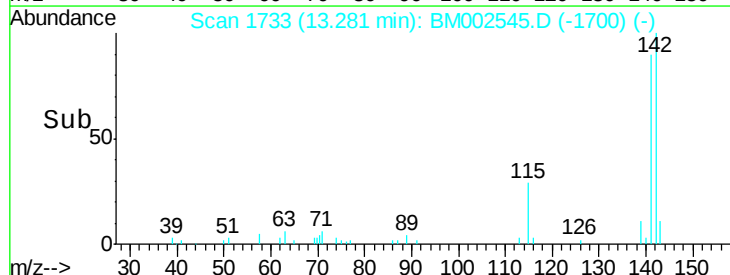
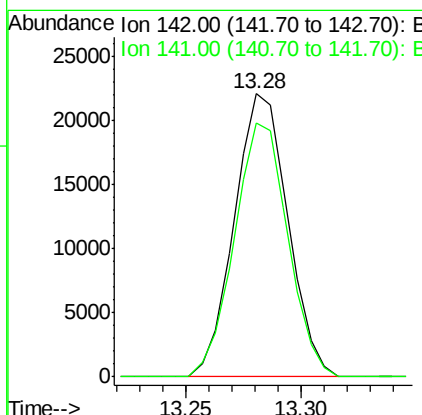
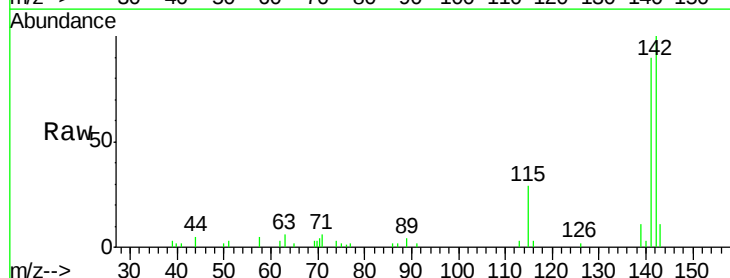
RT: 13.28 min Scan# 1733

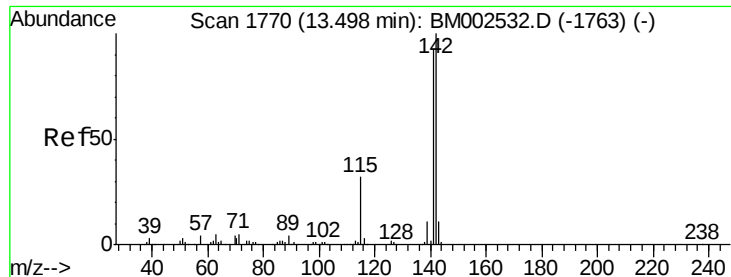
Delta R.T. -0.01 min

Lab File: BM002545.D

Acq: 22 Aug 2015 05:56

Tgt Ion:	142	Resp:	35659
Ion Ratio	Lower	Upper	
142	100		
141	89.8	72.2	108.2





#5

1-Methylnaphthalene

Concen: 1.32 ng/ul

RT: 13.50 min Scan# 1770

Delta R.T. 0.00 min

Lab File: BM002545.D

Acq: 22 Aug 2015 05:56

Instrument :

BNA_M

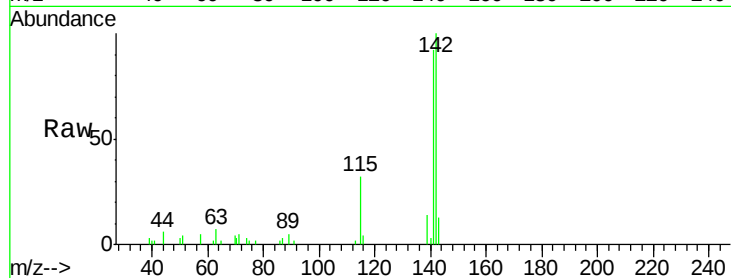
ClientSampleId :

D9DX4

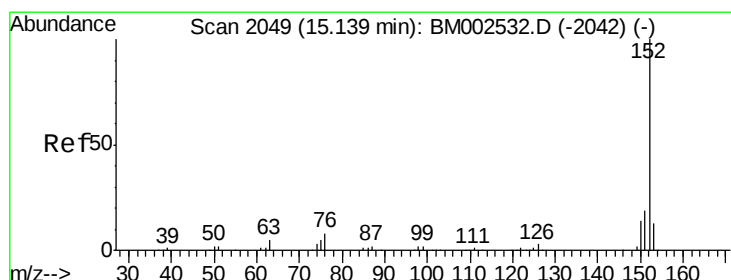
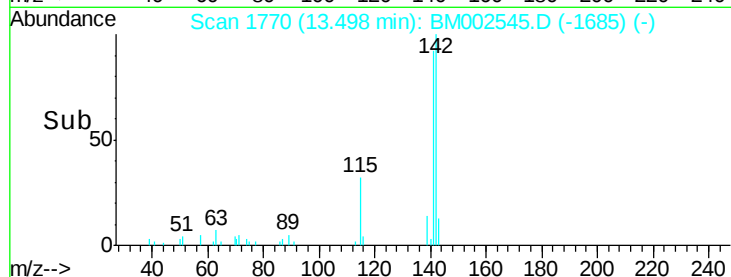
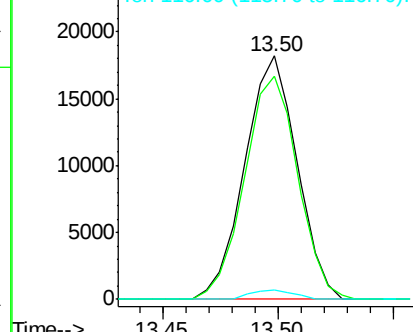
Tgt Ion:	142	Resp:	28764
Ion Ratio	Lower	Upper	
142	100		
141	91.8	73.9	110.9
116	3.9	3.0	4.4

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



#8

Acenaphthylene

Concen: 3.44 ng/ul

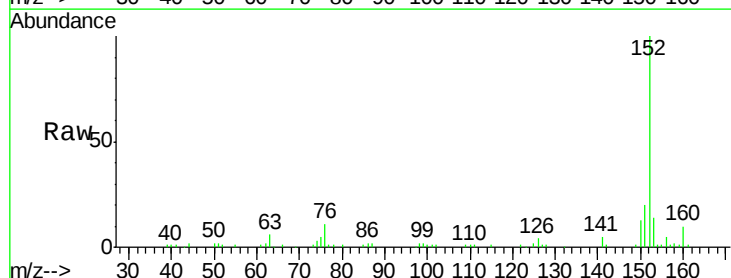
RT: 15.13 min Scan# 2048

Delta R.T. -0.01 min

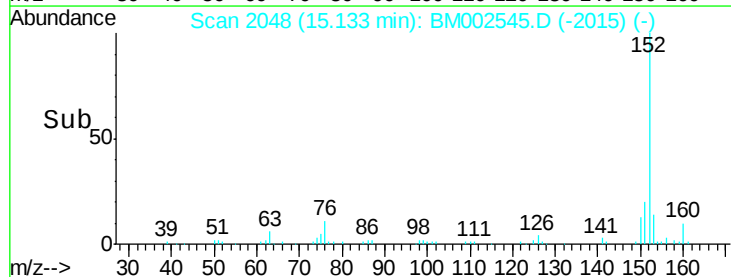
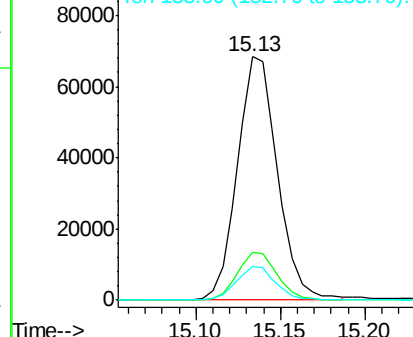
Lab File: BM002545.D

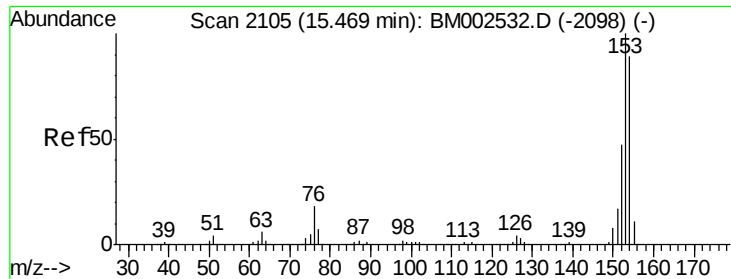
Acq: 22 Aug 2015 05:56

Tgt Ion:	152	Resp:	112974
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.7	23.5
153	13.6	10.2	15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#9

Acenaphthene

Concen: 3.66 ng/u1

RT: 15.47 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BM002545.D

Acq: 22 Aug 2015 05:56

Instrument :

BNA_M

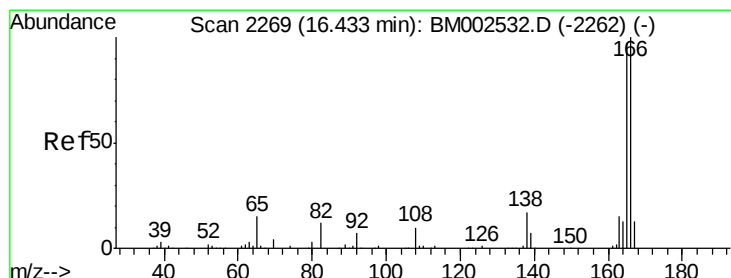
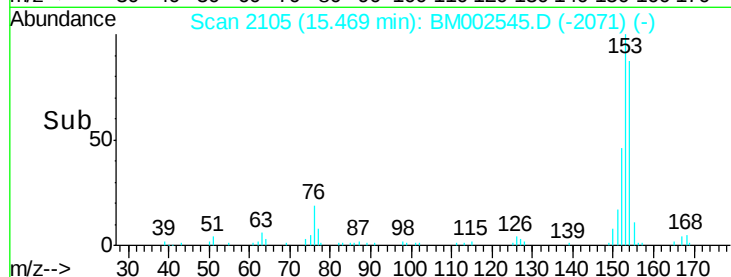
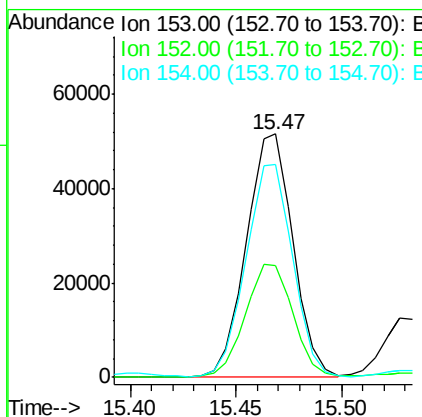
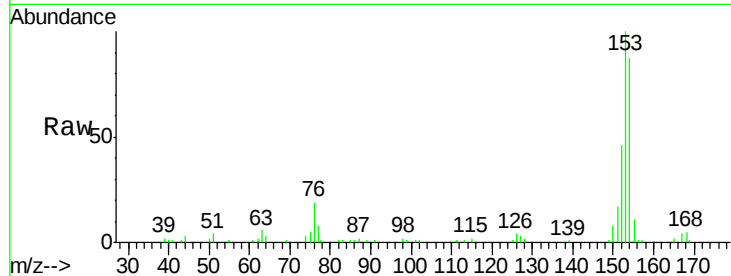
ClientSampleId :

D9DX4

Tgt Ion:	153	Resp:	79211
Ion Ratio	Lower	Upper	
153	100		
152	45.9	36.9	55.3
154	87.2	71.3	106.9

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#11

Fluorene

Concen: 4.31 ng/u1

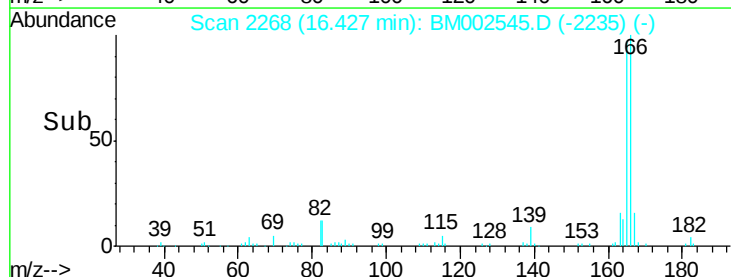
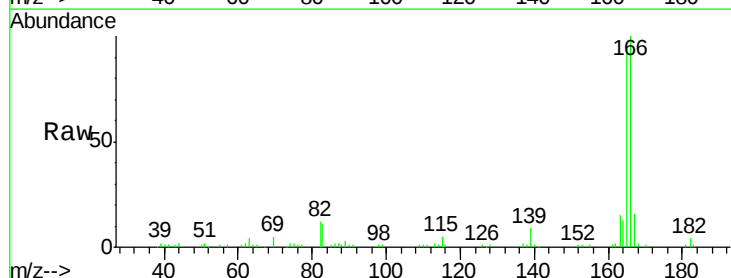
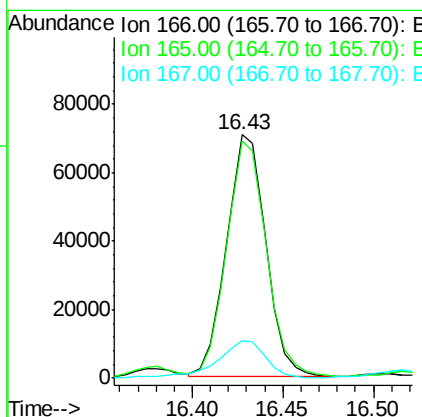
RT: 16.43 min Scan# 2268

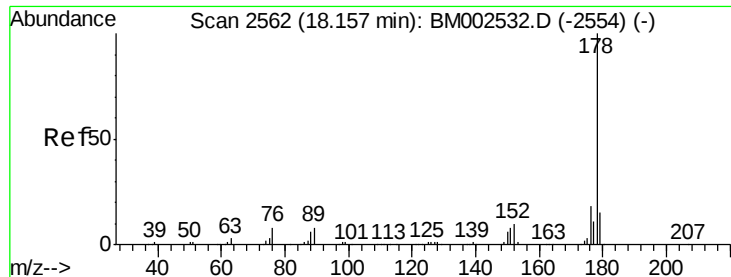
Delta R.T. -0.01 min

Lab File: BM002545.D

Acq: 22 Aug 2015 05:56

Tgt Ion:	166	Resp:	106860
Ion Ratio	Lower	Upper	
166	100		
165	97.3	77.6	116.4
167	15.7	10.7	16.1





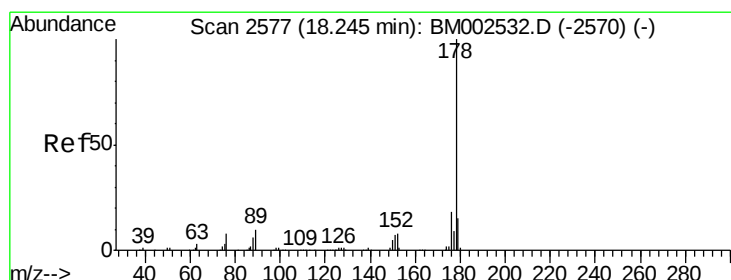
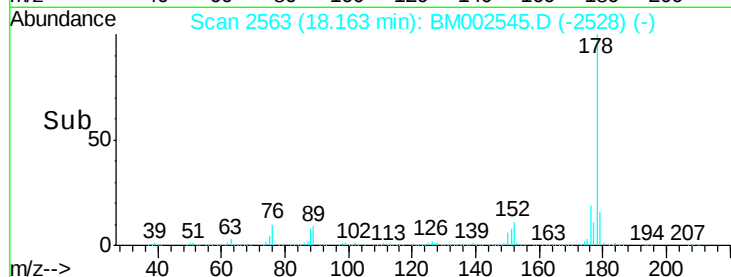
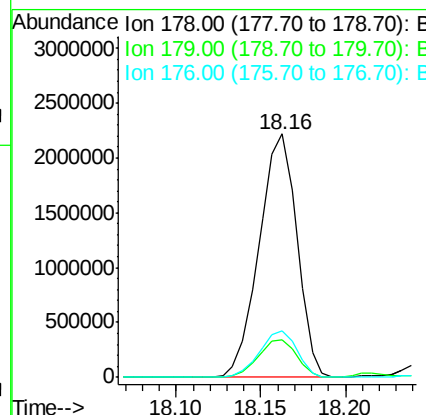
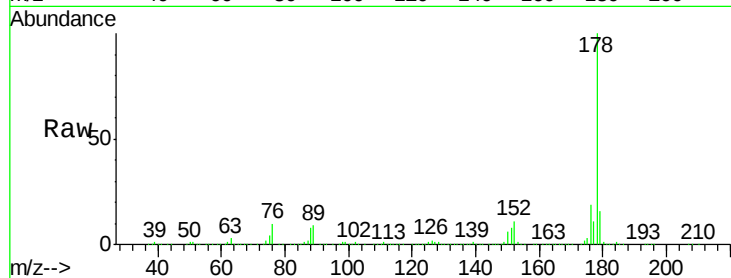
#13
Phenanthrene
Concen: 93.99 ng/ul
RT: 18.16 min Scan# 2563
Delta R.T. 0.01 min
Lab File: BM002545.D
Acq: 22 Aug 2015 05:56

Instrument :
BNA_M
ClientSampleId :
D9DX4

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	19.3	15.1	22.7

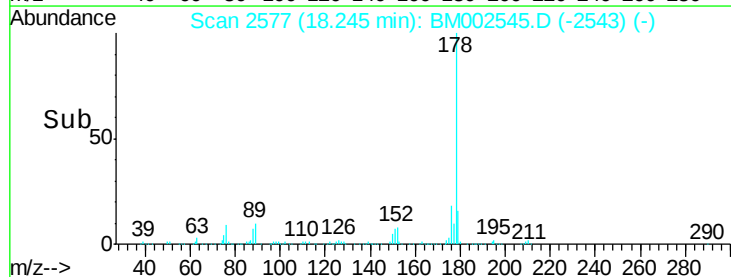
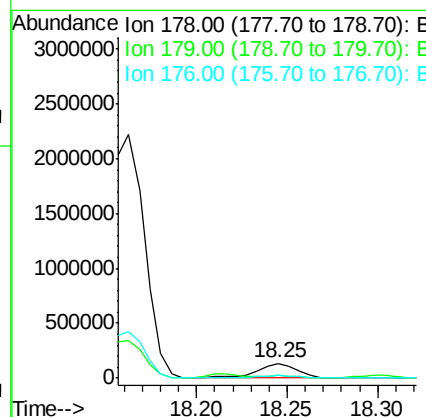
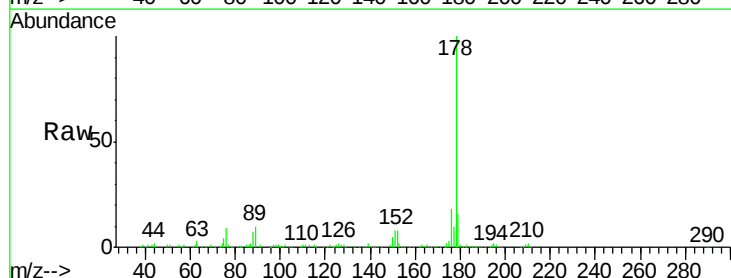
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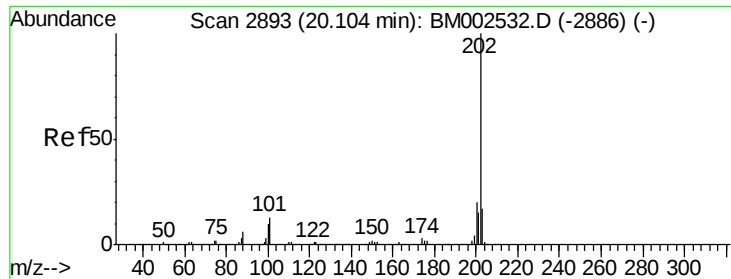
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#15
Anthracene
Concen: 5.77 ng/ul
RT: 18.25 min Scan# 2577
Delta R.T. 0.00 min
Lab File: BM002545.D
Acq: 22 Aug 2015 05:56

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	18.8
176	18.4	14.5	21.7





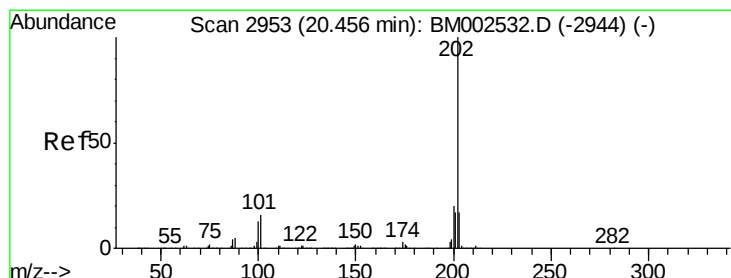
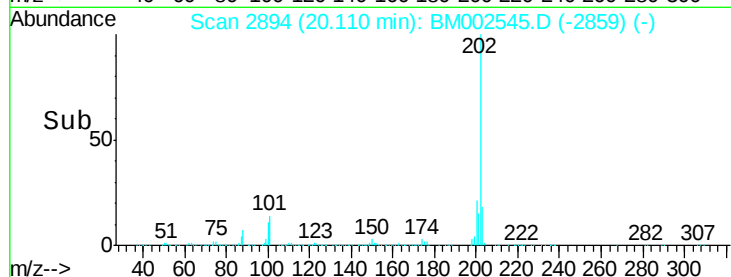
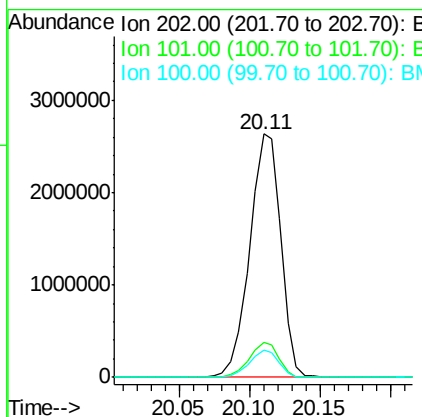
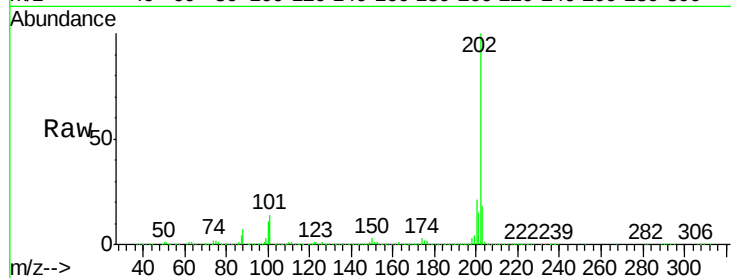
#16
Fluoranthene
Concen: 98.55 ng/ul
RT: 20.11 min Scan# 2894
Delta R.T. 0.01 min
Lab File: BM002545.D
Acq: 22 Aug 2015 05:56

Instrument :
BNA_M
ClientSampleId :
D9DX4

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	9.7	14.5
100	11.0	7.4	11.2

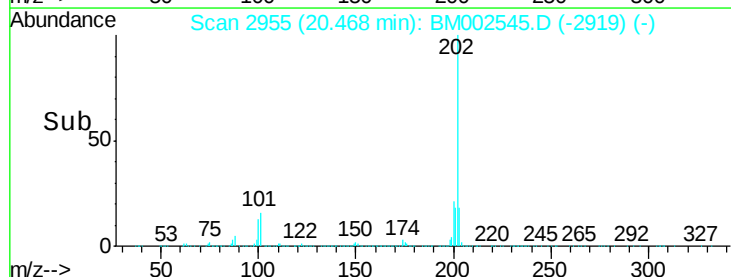
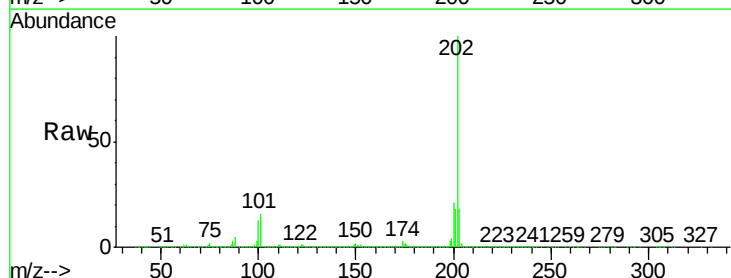
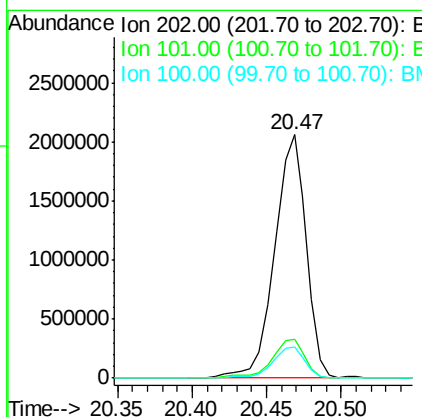
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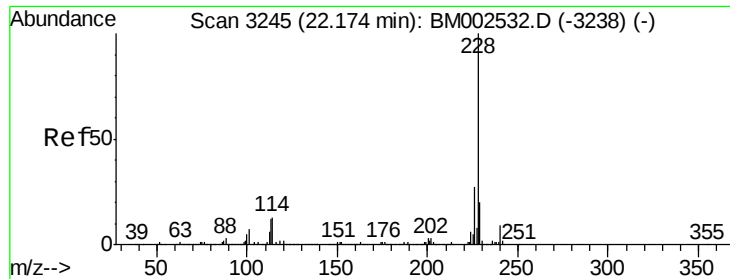
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#19
Pyrene
Concen: 94.83 ng/ul
RT: 20.47 min Scan# 2955
Delta R.T. 0.01 min
Lab File: BM002545.D
Acq: 22 Aug 2015 05:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.9	12.0	18.0
100	12.9	9.7	14.5





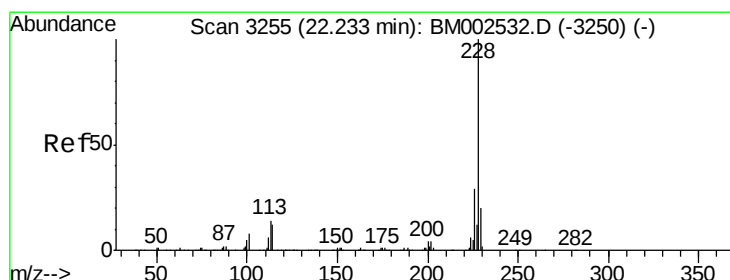
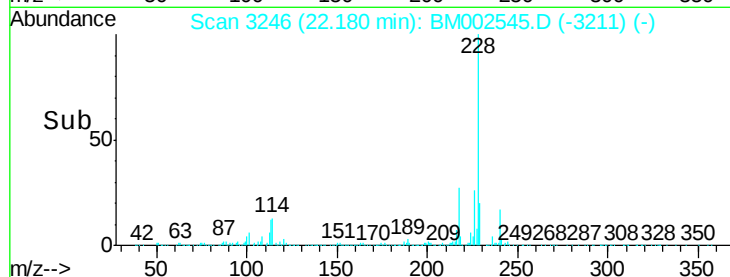
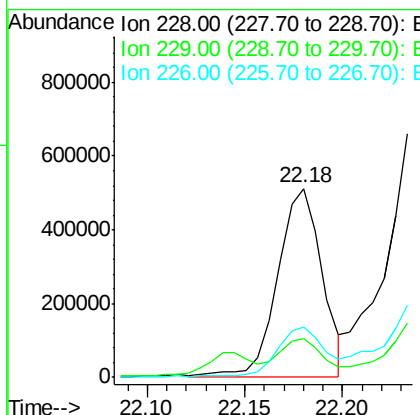
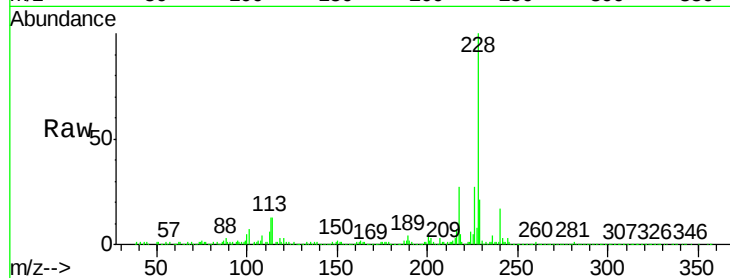
#20
Benzo(a)anthracene
Concen: 24.59 ng/u1
RT: 22.18 min Scan# 3246
Delta R.T. 0.01 min
Lab File: BM002545.D
Acq: 22 Aug 2015 05:56

Instrument :
BNA_M
ClientSampleId :
D9DX4

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.6
226	26.9	21.1	31.7

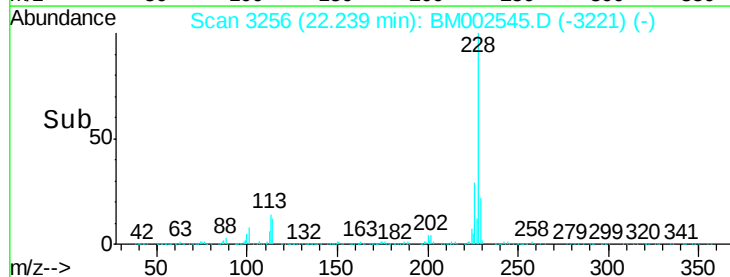
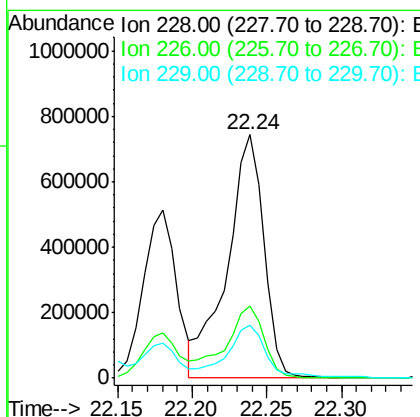
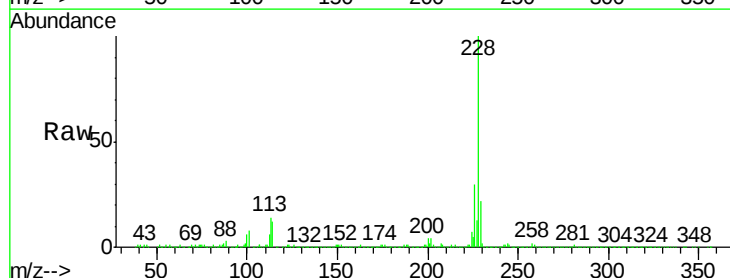
Manual Integrations
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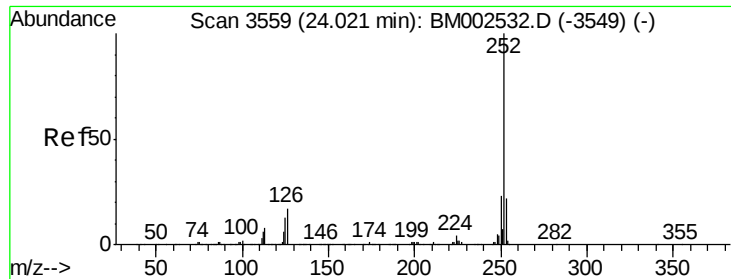
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#21
Chrysene
Concen: 41.42 ng/u1
RT: 22.24 min Scan# 3256
Delta R.T. 0.01 min
Lab File: BM002545.D
Acq: 22 Aug 2015 05:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	21.9	15.7	23.5





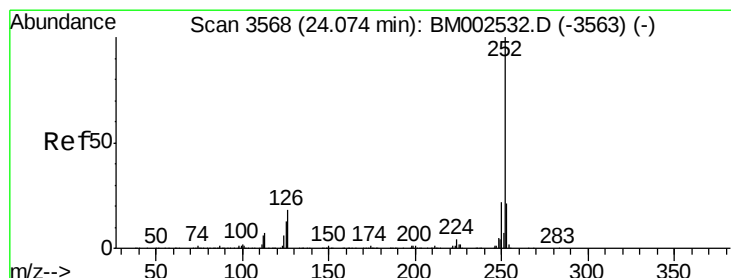
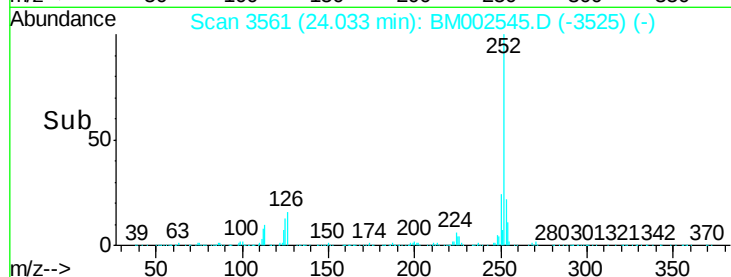
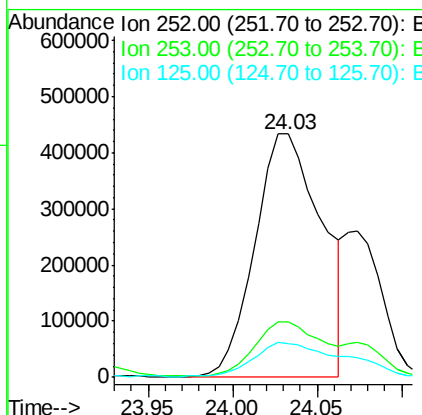
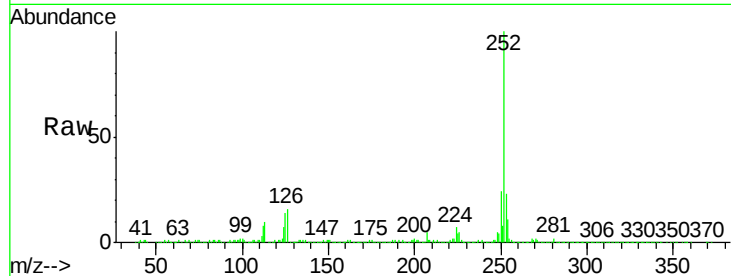
#23
Benzo(b)fluoranthene
Concen: 43.46 ng/ul
RT: 24.03 min Scan# 3561
Delta R.T. 0.01 min
Lab File: BM002545.D
Acq: 22 Aug 2015 05:56

Instrument :
BNA_M
ClientSampled :
D9DX4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	13.9	10.0	15.0

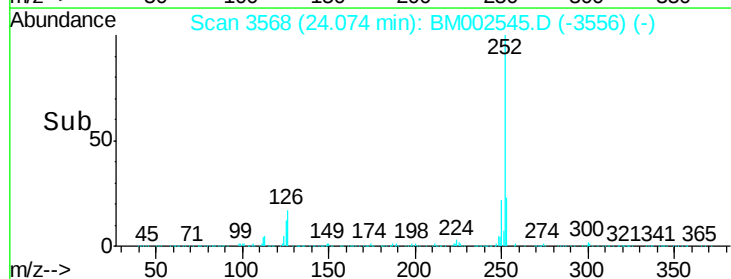
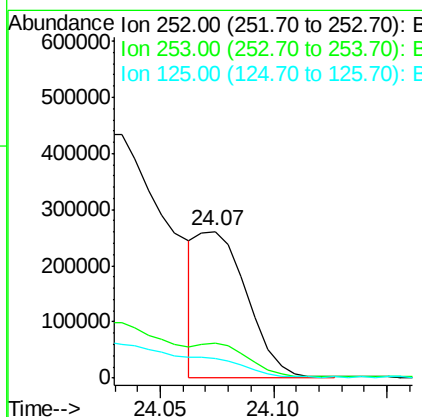
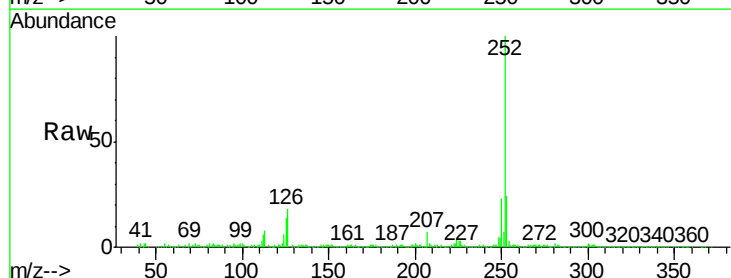
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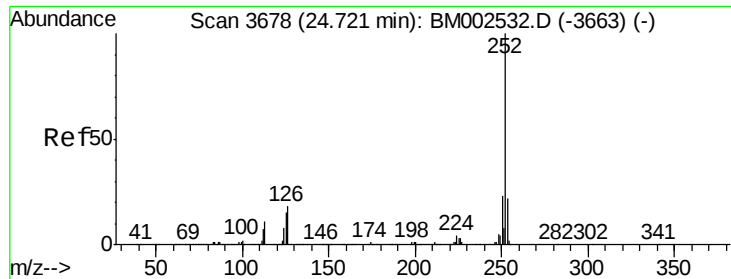
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#24
Benzo(k)fluoranthene
Concen: 15.47 ng/ul m
RT: 24.07 min Scan# 3568
Delta R.T. 0.00 min
Lab File: BM002545.D
Acq: 22 Aug 2015 05:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	13.6	9.8	14.8





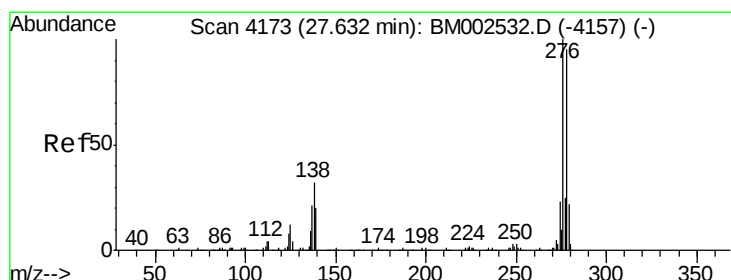
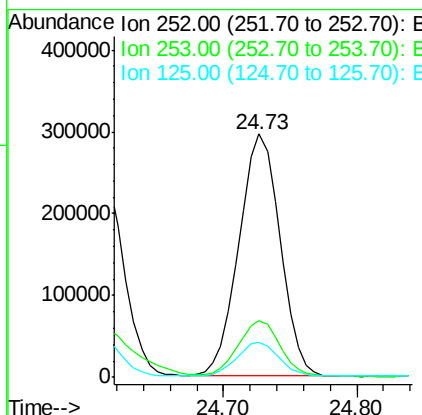
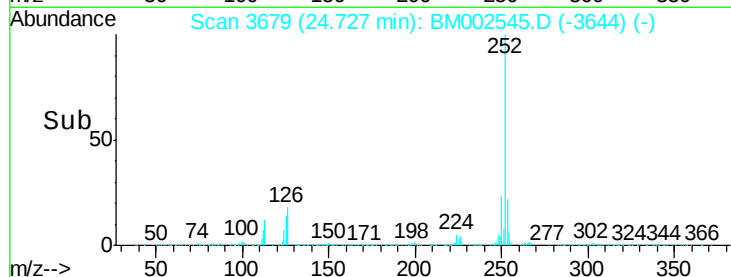
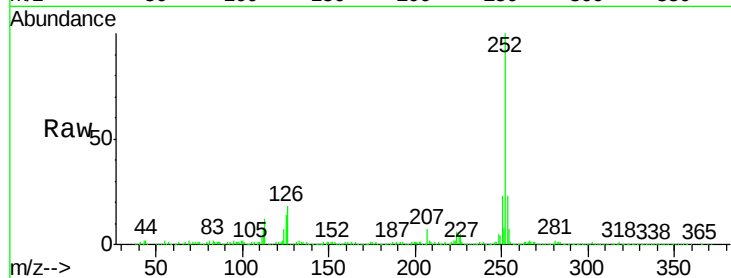
#26
Benzo(a)pyrene
Concen: 24.35 ng/ul
RT: 24.73 min Scan# 3679
Delta R.T. 0.01 min
Lab File: BM002545.D
Acq: 22 Aug 2015 05:56

Instrument :
BNA_M
ClientSampleId :
D9DX4

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.4	17.6	26.4
125	14.4	10.7	16.1

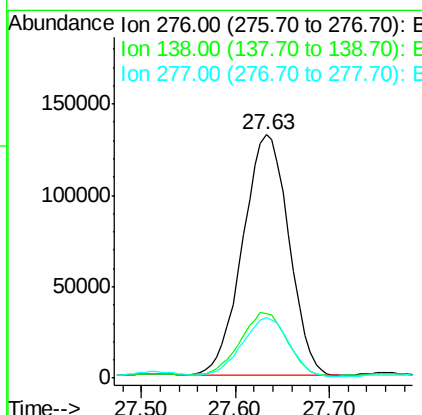
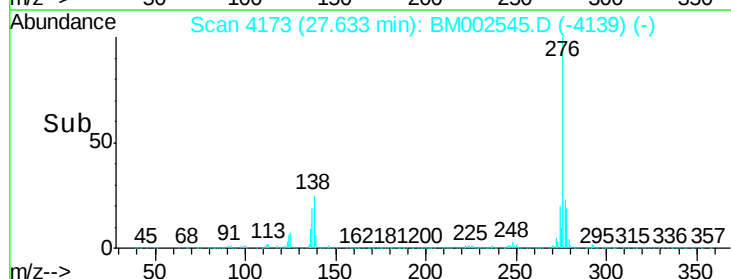
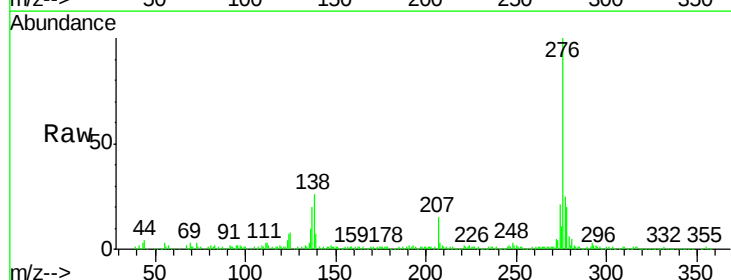
Manual Integrations
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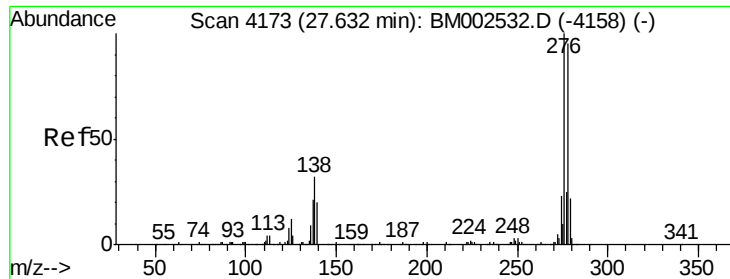
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#27
Indeno(1,2,3-cd)pyrene
Concen: 14.99 ng/ul
RT: 27.63 min Scan# 4173
Delta R.T. 0.00 min
Lab File: BM002545.D
Acq: 22 Aug 2015 05:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.4	25.3	37.9
277	24.8	20.2	30.2





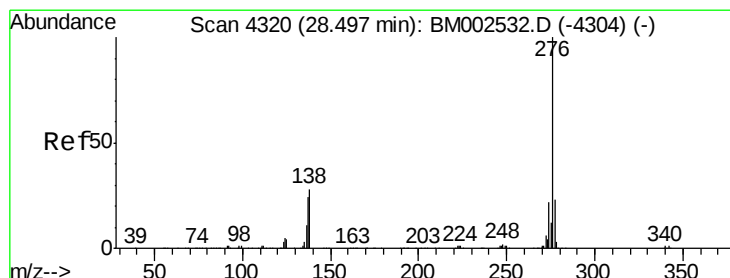
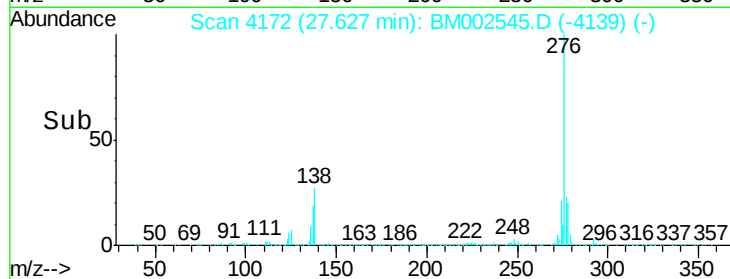
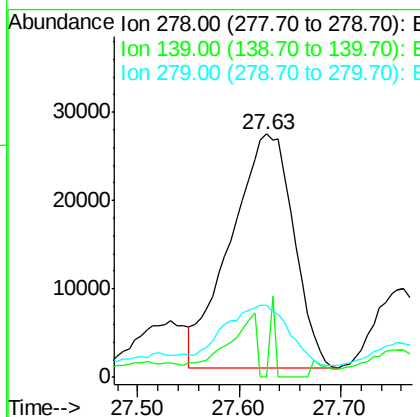
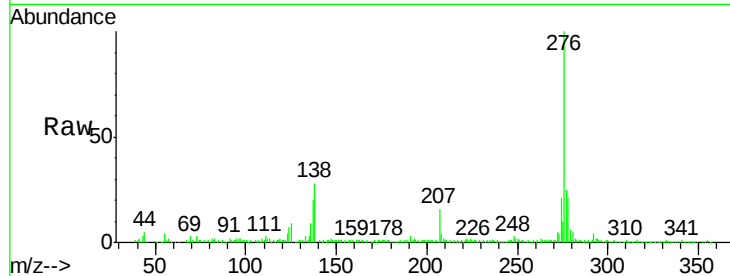
#28
Dibenzo(a,h)anthracene
Concen: 4.53 ng/ul
RT: 27.63 min Scan# 4172
Delta R.T. -0.01 min
Lab File: BM002545.D
Acq: 22 Aug 2015 05:56

Instrument :
BNA_M
ClientSampleId :
D9DX4

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	113695		
139	0.0	16.5	24.7#	
279	29.4	18.8	28.2#	

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 14.90 ng/ul
RT: 28.51 min Scan# 4322
Delta R.T. 0.01 min
Lab File: BM002545.D
Acq: 22 Aug 2015 05:56

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	372178		
138	29.2	21.0	31.6	
277	24.2	19.2	28.8	

