

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
 Data File : BM010549.D
 Acq On : 12 Jun 2017 23:33
 Operator : SJ/MA
 Sample : I3522-12DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C33DL

Manual Integrations
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 6/13/2017 3:54:43 PM

Quant Time: Jun 13 04:09:38 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 13 03:33:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	123171	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	434770	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	299502	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	792366	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1163832	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1215006	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	2433	0.81	ng/uL	0.01
5) Phenol-d5	7.07	99	26490	2.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	18123	3.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	27770	3.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	24642	3.27	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	11575	3.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	12975	3.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	32443	4.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	29578	4.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	107365	4.31	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	118605	4.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.79	143	8837m	2.37	ng/ul	0.02
57) Fluorene-d10	15.52	176	99691	4.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	15900	2.83	ng/ul	0.00
70) Anthracene-d10	17.37	188	161153	4.18	ng/ul	0.00
76) Pyrene-d10	19.66	212	220240	4.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	248307	4.39	ng/ul	0.00

Target Compounds

					Qvalue	
28) Naphthalene	10.74	128	58345	2.676	ng/ul	96
34) 2-Methylnaphthalene	12.35	142	40810	2.468	ng/ul	83
40) 1,1'-Biphenyl	13.36	154	37917	1.561	ng/ul#	94
44) Dimethylphthalate	13.99	163	106285	4.343	ng/ul#	96
49) Acenaphthene	14.59	153	162224	8.154	ng/ul	88
53) Dibenzofuran	14.92	168	206133	7.007	ng/ul	95
58) Fluorene	15.57	166	200628	8.314	ng/ul	97
69) Phenanthrene	17.32	178	1222559	28.902	ng/ul	99
71) Anthracene	17.40	178	126356	2.861	ng/ul	98
74) Fluoranthene	19.32	202	967068	18.591	ng/ul#	95
77) Pyrene	19.69	202	656368	10.944	ng/ul#	94
80) Benzo(a)anthracene	21.42	228	283137	4.314	ng/ul	97
82) Chrysene	21.47	228	183369m	3.091	ng/ul	
85) Benzo(b)fluoranthene	23.06	252	221948	3.139	ng/ul	94
86) Benzo(k)fluoranthene	23.10	252	77621m	1.149	ng/ul	
88) Benzo(a)pyrene	23.67	252	142221	2.029	ng/ul	99

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

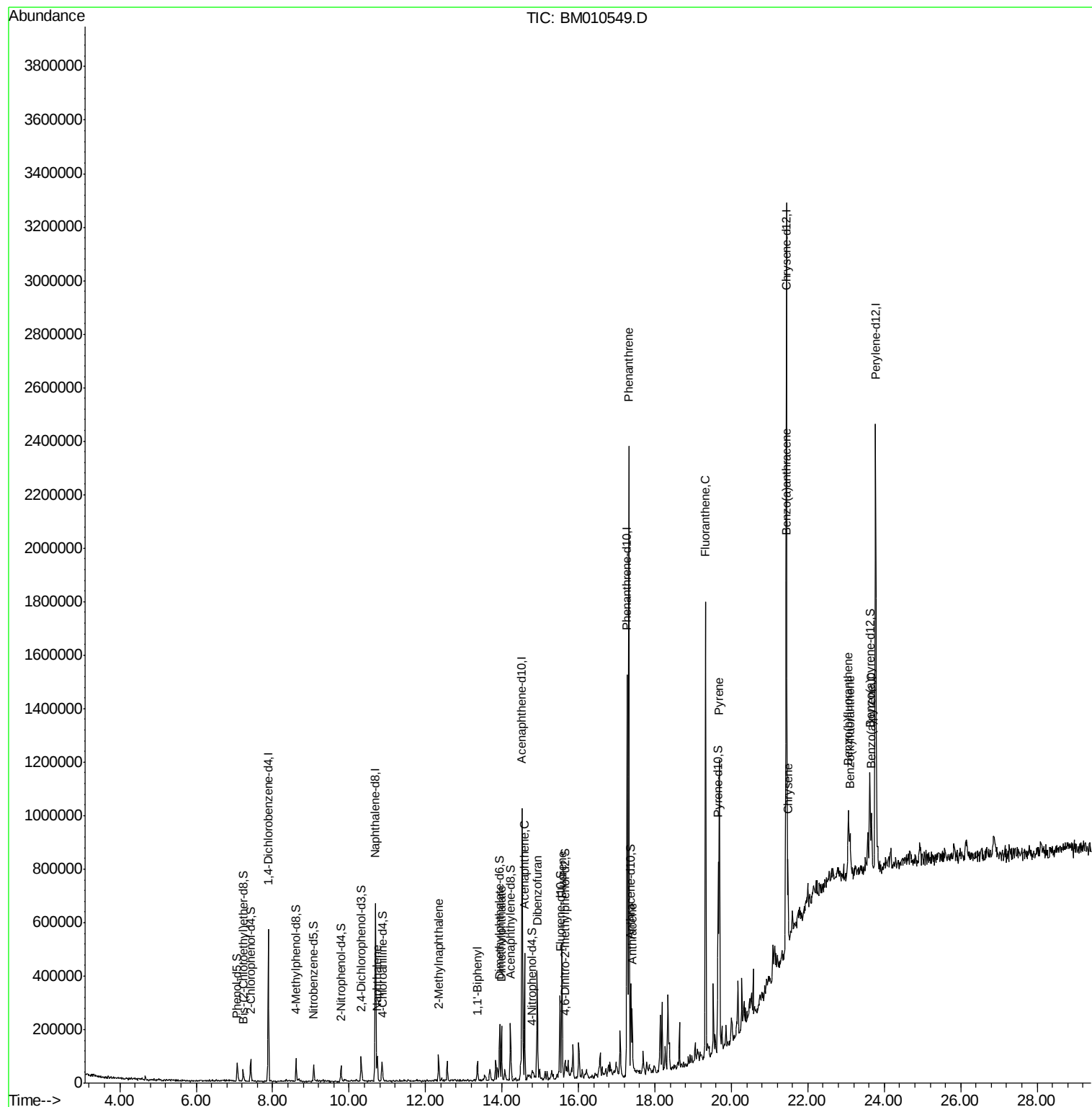
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010549.D
Acq On : 12 Jun 2017 23:33
Operator : SJ/MA
Sample : I3522-12DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

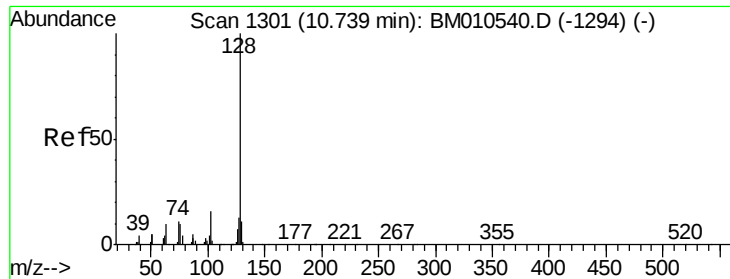
Instrument :
BNA_M
ClientSampleId :
F5C33DL

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Quant Time: Jun 13 04:09:38 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
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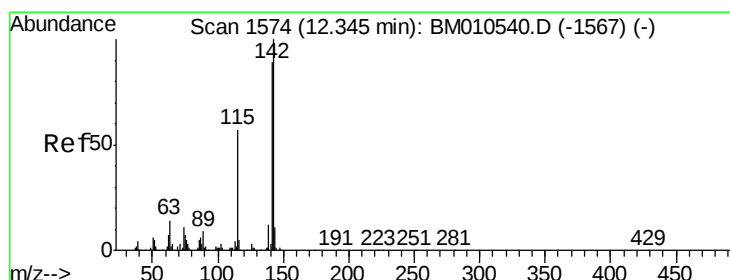
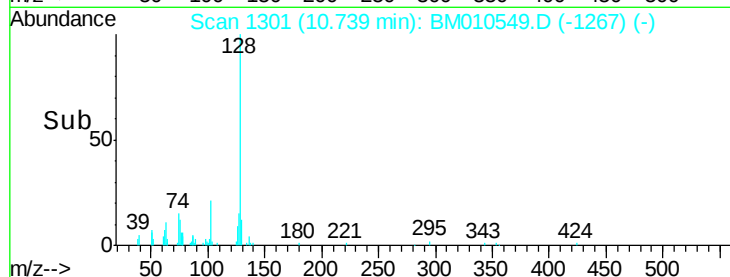
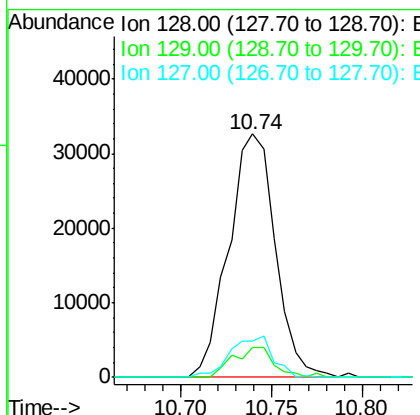
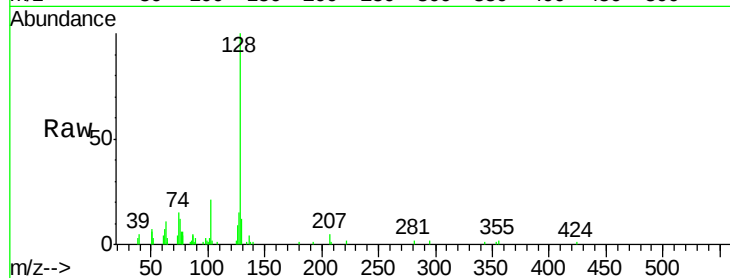
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Naphthalene
Concen: 2.676 ng/ul
RT: 10.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BM010549.D
Acq: 12 Jun 2017 23:33

Instrument :
BNA_M
ClientSampleId :
F5C33DL

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	58345		
129	12.4		8.8	13.2
127	15.0		10.6	16.0

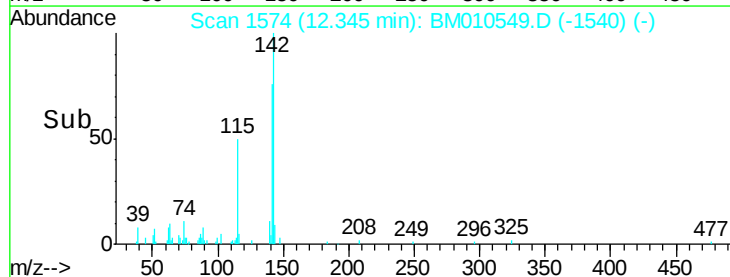
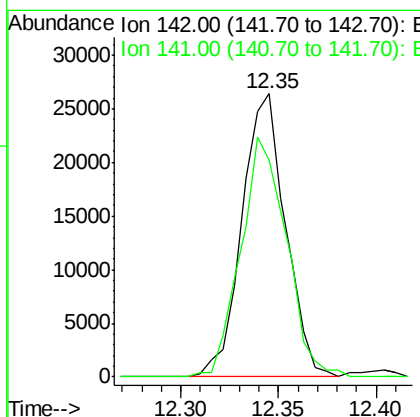
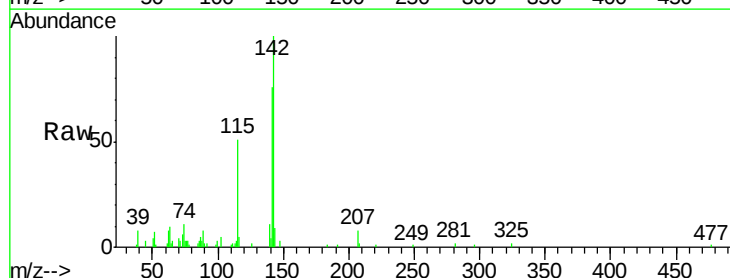
Manual Integrations
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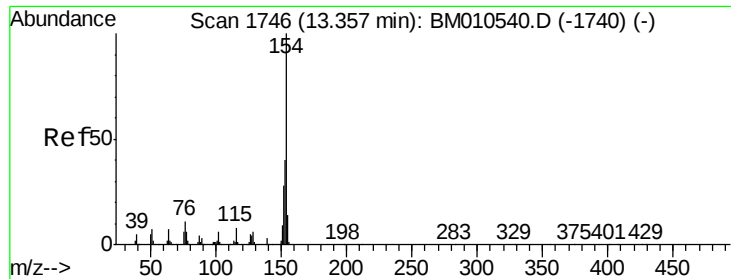
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#34
2-Methylnaphthalene
Concen: 2.468 ng/ul
RT: 12.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BM010549.D
Acq: 12 Jun 2017 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	40810		
141	76.5		74.1	111.1





#40

1,1'-Biphenyl

Concen: 1.561 ng/ul

RT: 13.36 min Scan# 1746

Delta R.T. 0.00 min

Lab File: BM010549.D

Acq: 12 Jun 2017 23:33

Instrument :

BNA_M

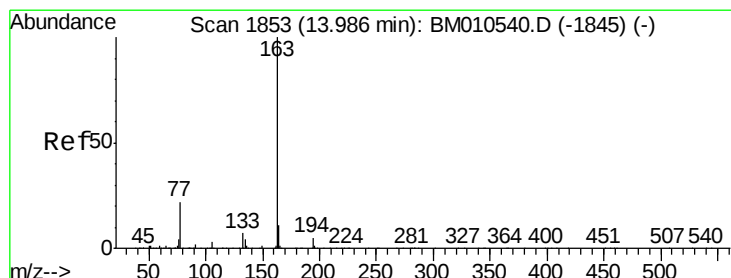
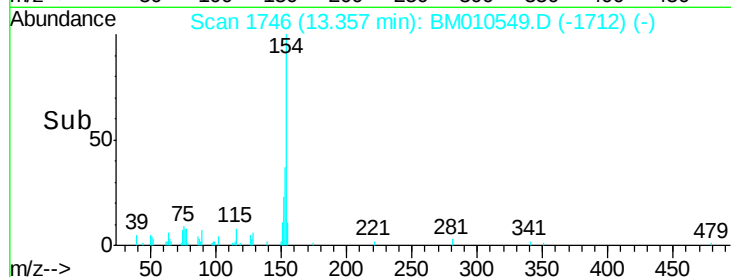
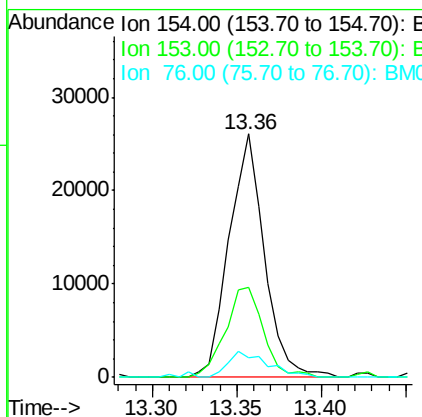
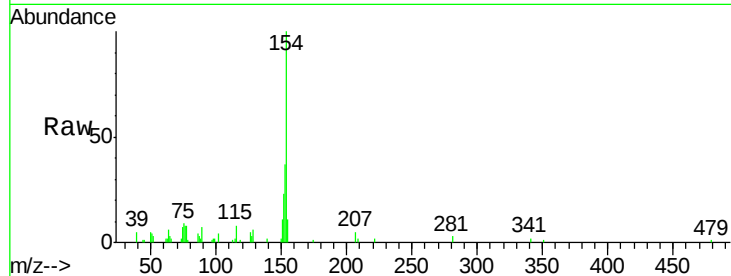
ClientSampleId :

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Tgt Ion:	154	Resp:	37917
Ion Ratio	Lower	Upper	
154	100		
153	36.8	32.6	48.8
76	8.0	8.5	12.7#

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#44

Dimethylphthalate

Concen: 4.343 ng/ul

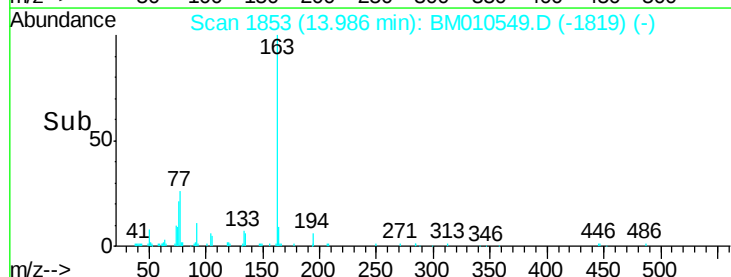
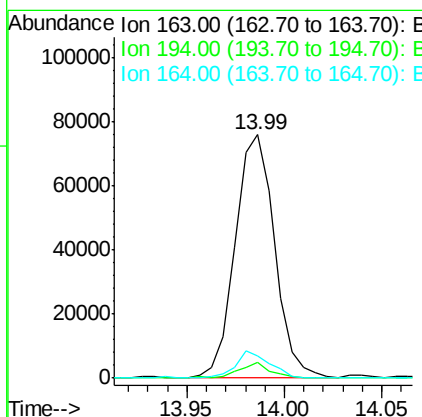
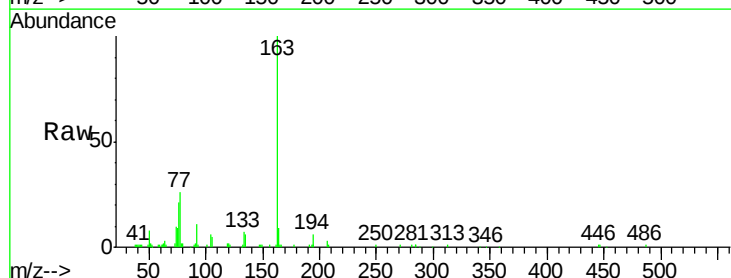
RT: 13.99 min Scan# 1853

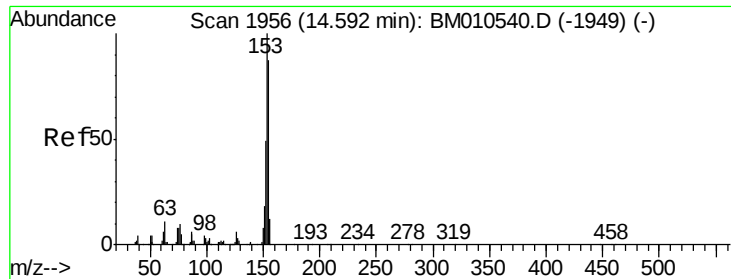
Delta R.T. 0.00 min

Lab File: BM010549.D

Acq: 12 Jun 2017 23:33

Tgt Ion:	163	Resp:	106285
Ion Ratio	Lower	Upper	
163	100		
194	6.4	3.5	5.3#
164	9.1	8.2	12.4





#49

Acenaphthene

Concen: 8.154 ng/ul

RT: 14.59 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BM010549.D

Acq: 12 Jun 2017 23:33

Instrument :

BNA_M

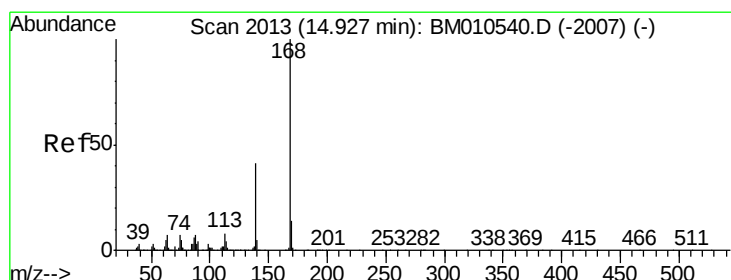
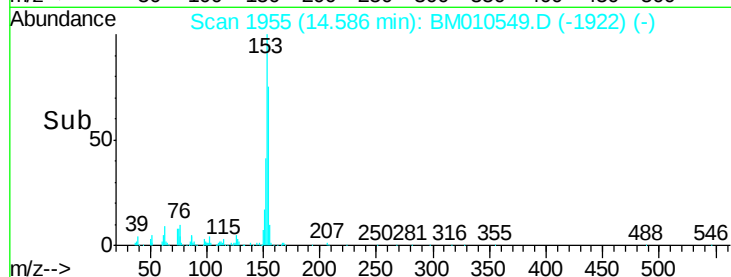
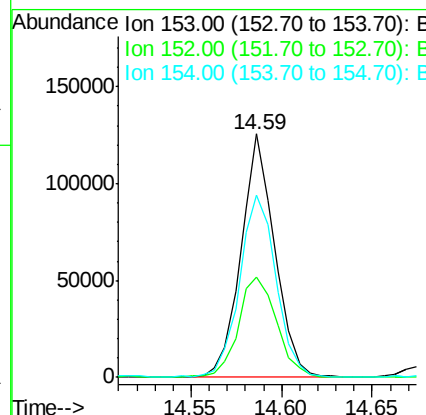
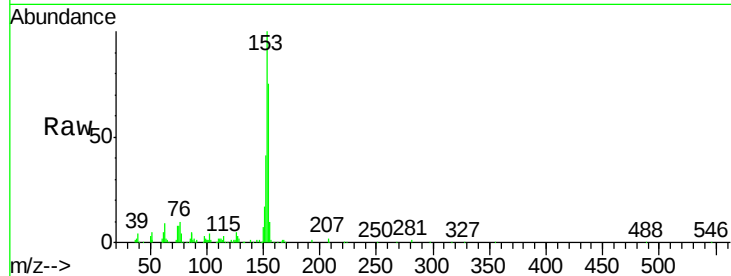
ClientSampleId :

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Tgt Ion:	153	Resp:	162224
Ion Ratio	Lower	Upper	
153	100		
152	41.3	37.6	56.4
154	74.8	70.4	105.6

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#53

Dibenzofuran

Concen: 7.007 ng/ul

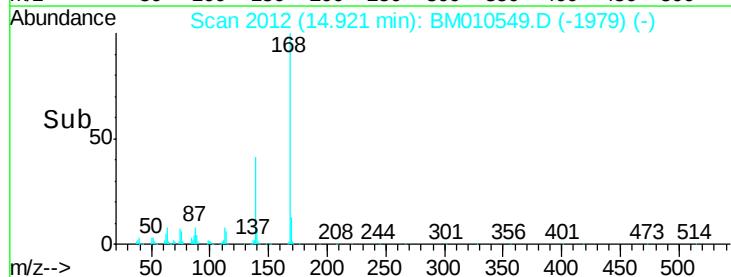
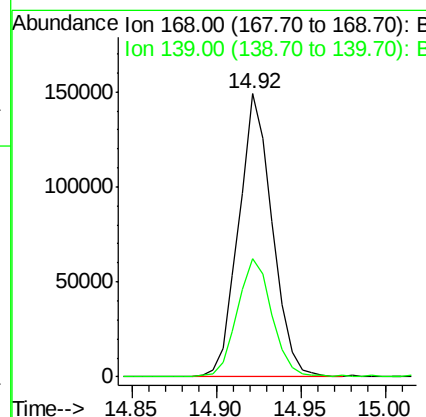
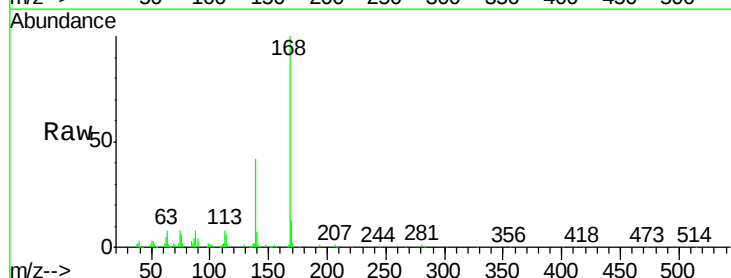
RT: 14.92 min Scan# 2012

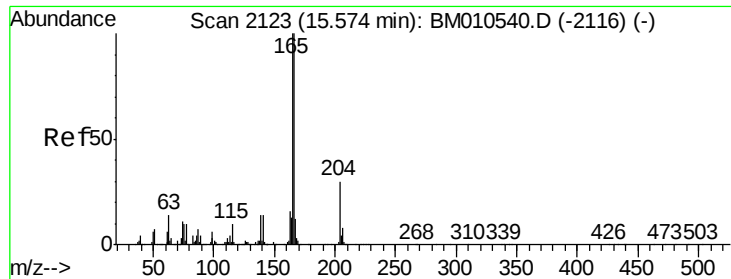
Delta R.T. -0.01 min

Lab File: BM010549.D

Acq: 12 Jun 2017 23:33

Tgt Ion:	168	Resp:	206133
Ion Ratio	Lower	Upper	
168	100		
139	41.8	30.8	46.2





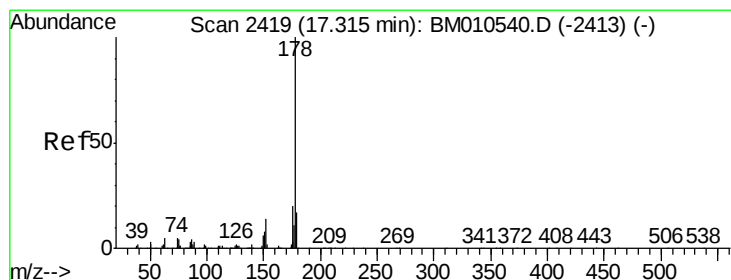
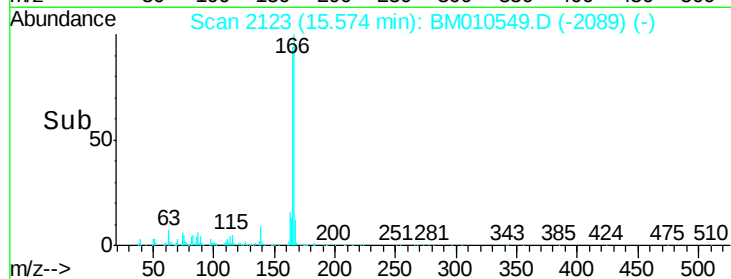
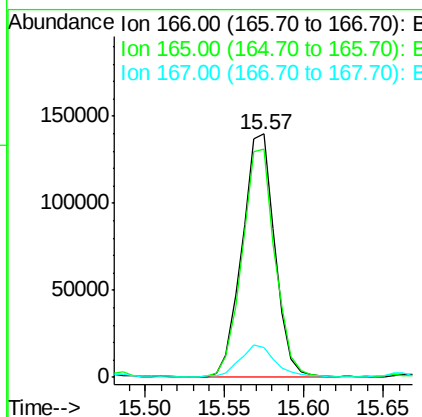
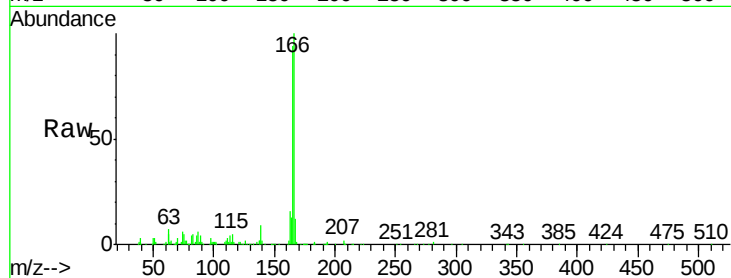
#58
 Fluorene
 Concen: 8.314 ng/ul
 RT: 15.57 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: BM010549.D
 Acq: 12 Jun 2017 23:33

Instrument :
 BNA_M
 ClientSampleId :
 F5C33DL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	200628		
165	93.8		77.9	116.9
167	12.3		10.6	16.0

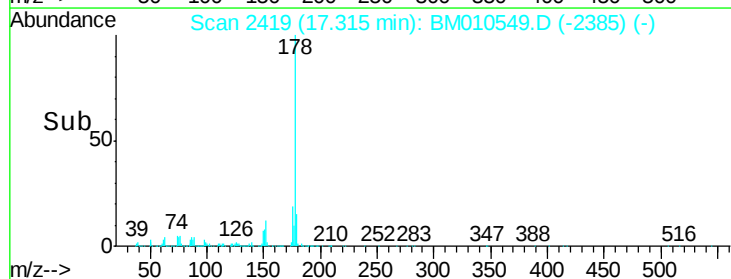
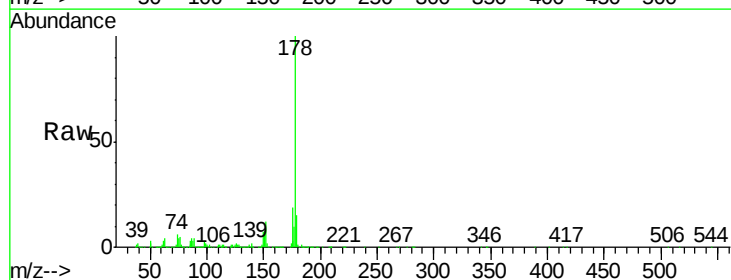
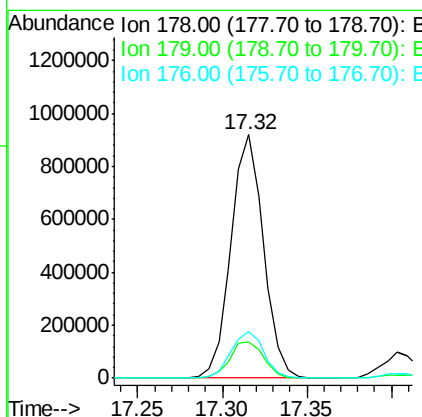
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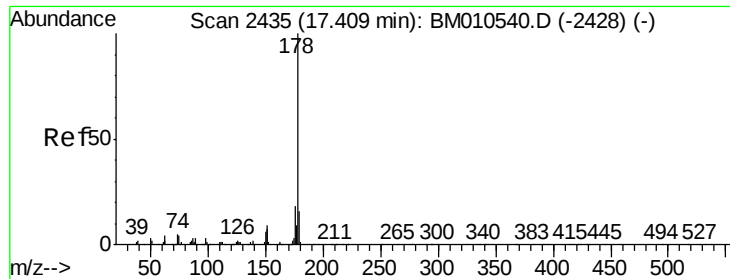
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#69
 Phenanthrene
 Concen: 28.902 ng/ul
 RT: 17.32 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: BM010549.D
 Acq: 12 Jun 2017 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1222559		
179	15.1		12.6	19.0
176	18.9		14.9	22.3





#71

Anthracene

Concen: 2.861 ng/ul

RT: 17.40 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BM010549.D

Acq: 12 Jun 2017 23:33

Instrument :

BNA_M

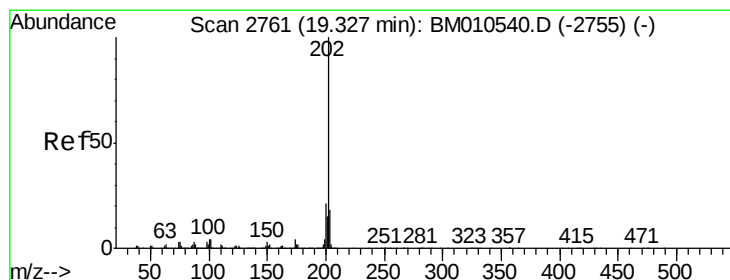
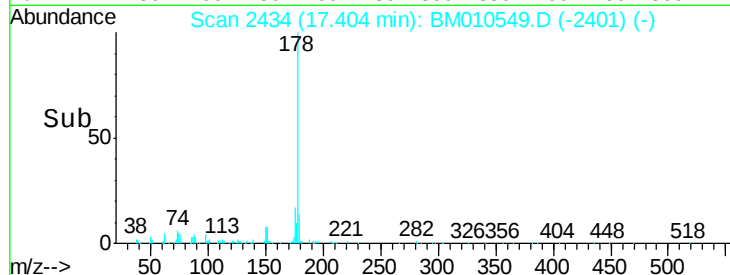
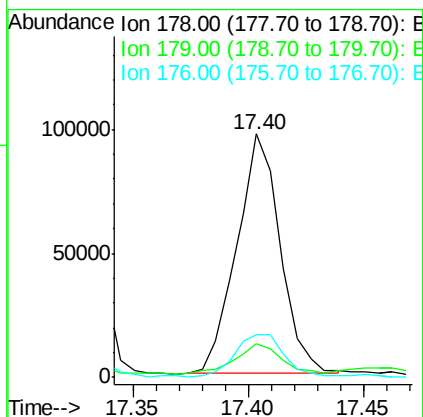
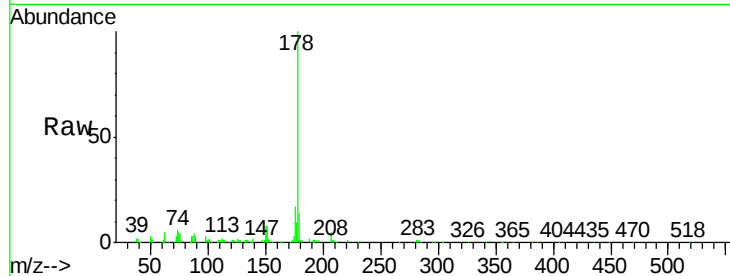
ClientSampleId :

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Tgt Ion:	178	Resp:	126356
Ion Ratio		Lower	Upper
178	100		
179	13.6	11.7	17.5
176	17.3	14.6	21.8

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#74

Fluoranthene

Concen: 18.591 ng/ul

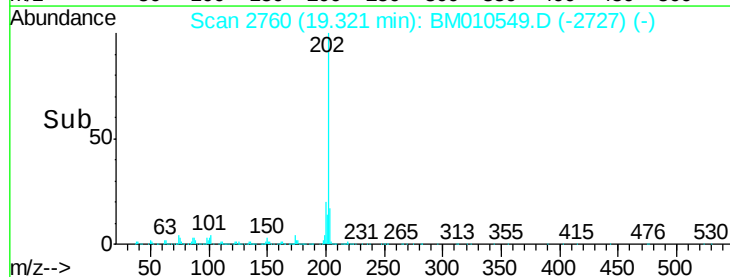
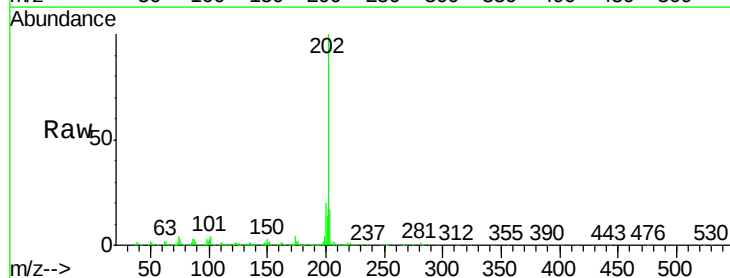
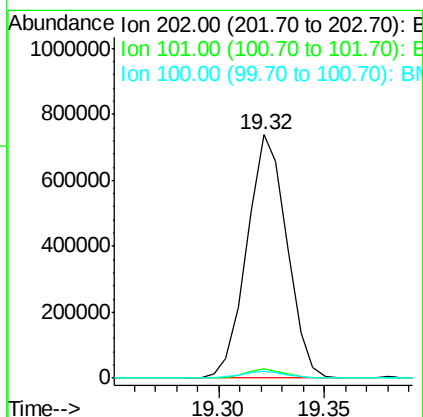
RT: 19.32 min Scan# 2760

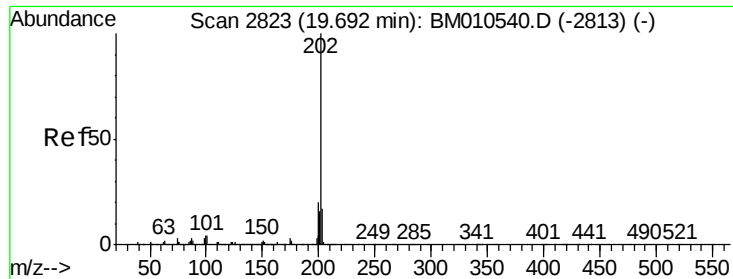
Delta R.T. -0.01 min

Lab File: BM010549.D

Acq: 12 Jun 2017 23:33

Tgt Ion:	202	Resp:	967068
Ion Ratio		Lower	Upper
202	100		
101	3.9	4.6	7.0#
100	3.0	3.4	5.2#





#77

Pyrene

Concen: 10.944 ng/ul

RT: 19.69 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BM010549.D

Acq: 12 Jun 2017 23:33

Instrument :

BNA_M

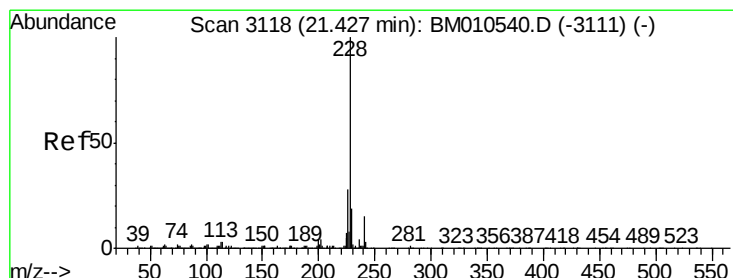
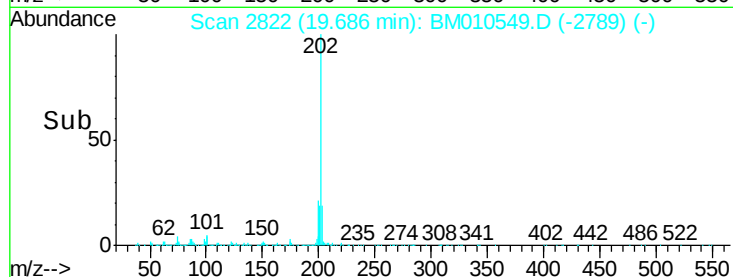
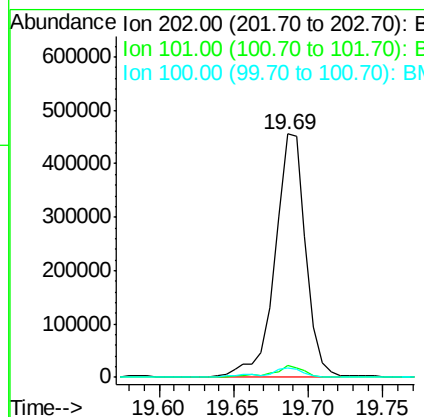
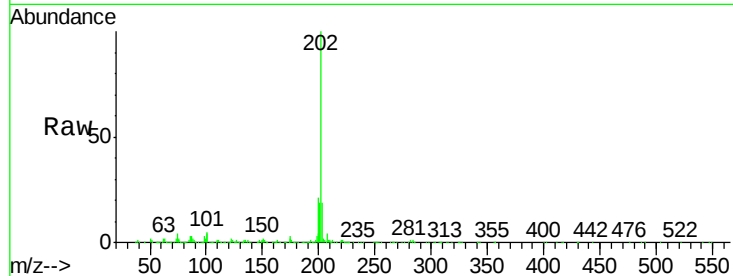
ClientSampleId :

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Tgt Ion:	202	Resp:	656368
Ion Ratio	Lower	Upper	
202	100		
101	4.8	5.1	7.7#
100	3.9	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 4.314 ng/ul

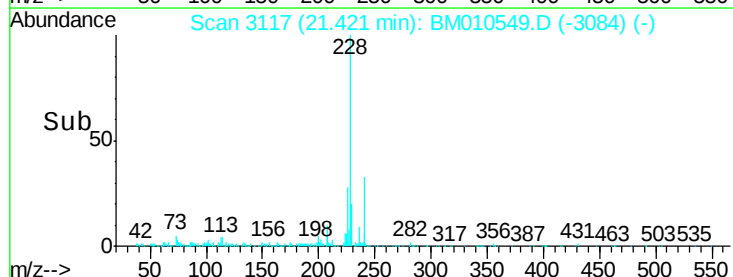
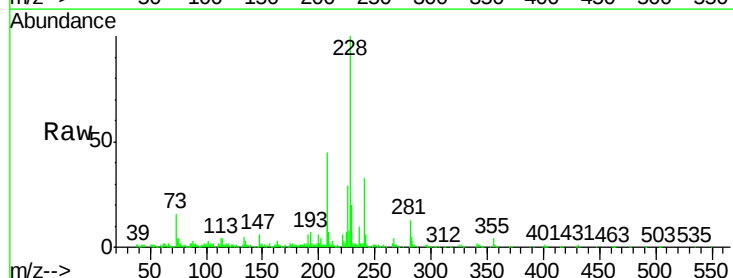
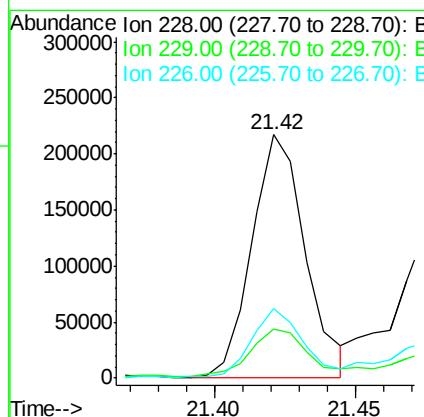
RT: 21.42 min Scan# 3117

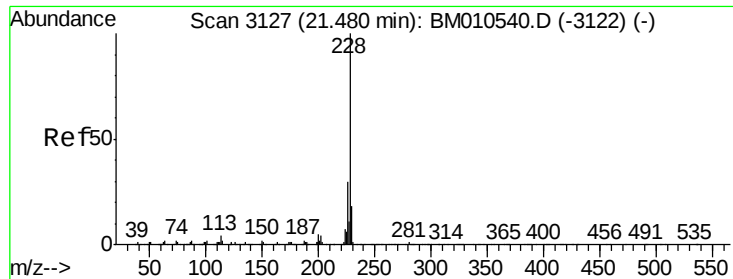
Delta R.T. -0.01 min

Lab File: BM010549.D

Acq: 12 Jun 2017 23:33

Tgt Ion:	228	Resp:	283137
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.4	23.0
226	28.6	21.4	32.0





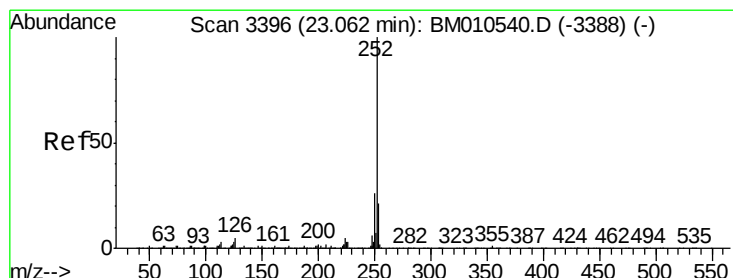
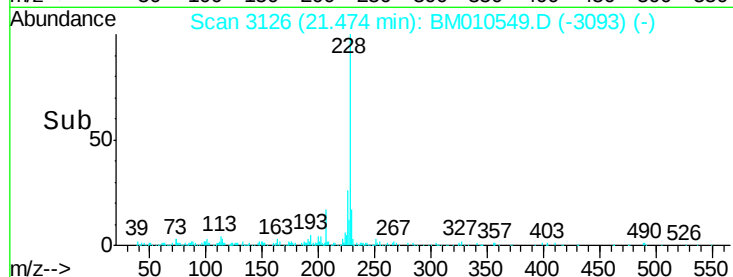
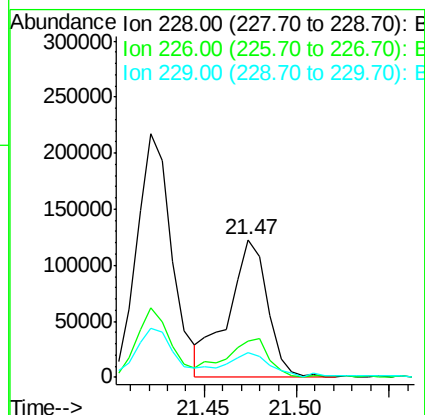
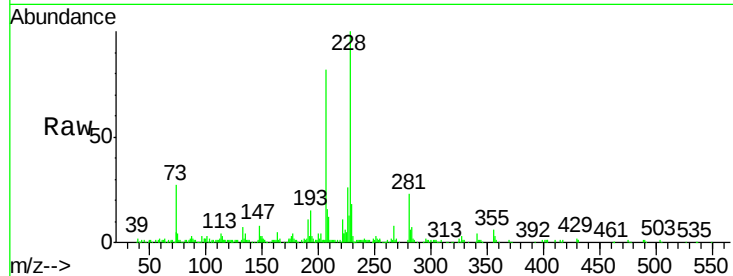
#82
Chrysene
Concen: 3.091 ng/u1 m
RT: 21.47 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BM010549.D
Acq: 12 Jun 2017 23:33

Instrument :
BNA_M
ClientSampleId :
F5C33DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	26.3	23.4	35.2
229	18.0	15.5	23.3

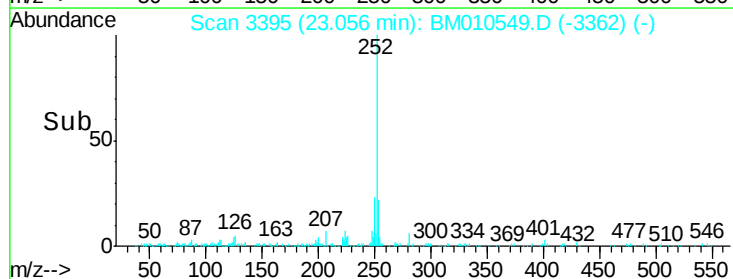
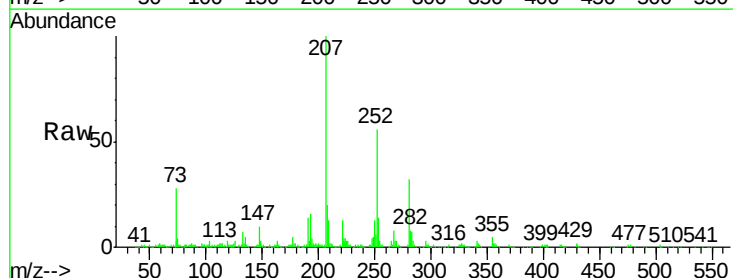
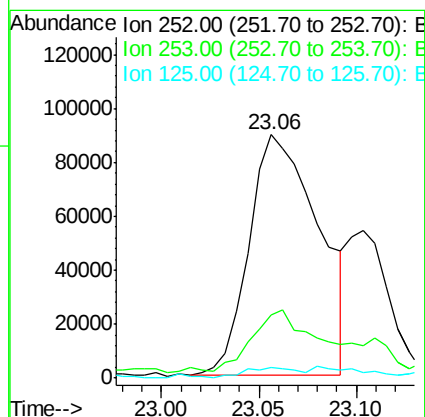
Manual Integrations
APPROVED

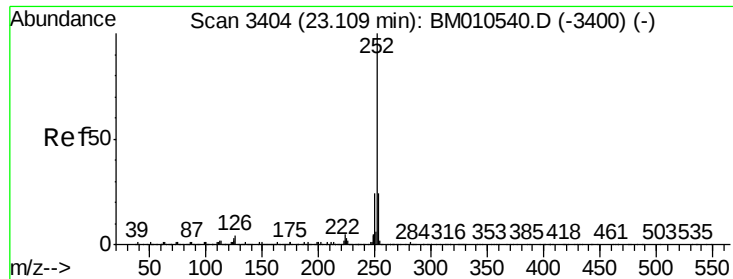
mohammad
6/13/2017 3:54:43 PM



#85
Benzo(b)fluoranthene
Concen: 3.139 ng/u1
RT: 23.06 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BM010549.D
Acq: 12 Jun 2017 23:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.7	17.9	26.9
125	4.4	3.6	5.4





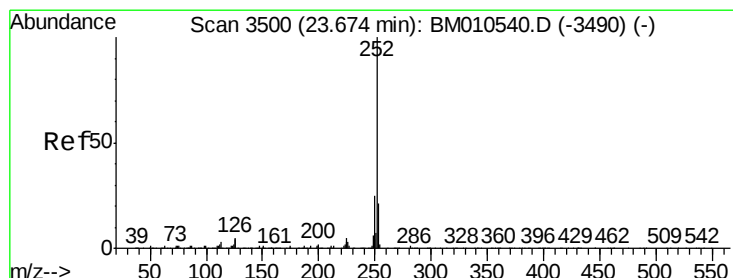
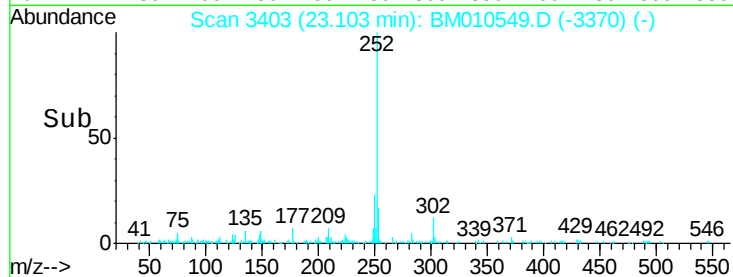
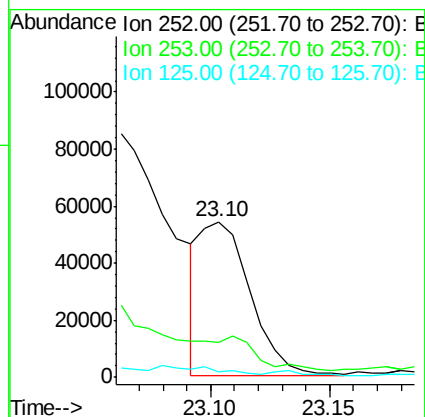
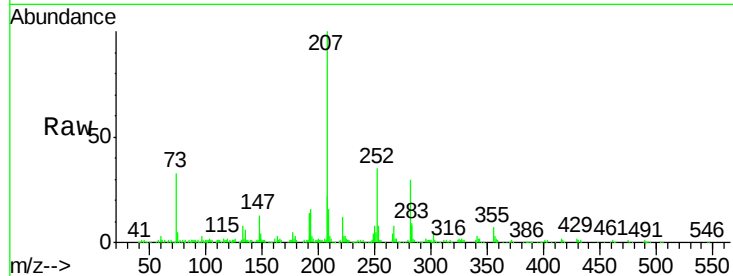
#86
Benzo(k)fluoranthene
Concen: 1.149 ng/ul m
RT: 23.10 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM010549.D
Acq: 12 Jun 2017 23:33

Instrument :
BNA_M
ClientSampleId :
F5C33DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	3.6	3.4	5.2

Manual Integrations
APPROVED

mohammad
6/13/2017 3:54:43 PM



#88
Benzo(a)pyrene
Concen: 2.029 ng/ul
RT: 23.67 min Scan# 3499
Delta R.T. -0.01 min
Lab File: BM010549.D
Acq: 12 Jun 2017 23:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	5.5	4.0	6.0

