

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030218\
 Data File : BM014459.D
 Acq On : 02 Mar 2018 13:31
 Operator : SJ/JU
 Sample : J1679-05RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE610RE

Manual Integrations
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Quant Time: Mar 08 11:31:53 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 02 14:54:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	141478	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	621567	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	370504	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	779004	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	622922	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	491632	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	7986	2.42	ng/uL	0.00
5) Phenol-d5	6.73	99	198287	16.58	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	120702	16.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	161427	17.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	158920	15.19	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	81818	17.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	94707	19.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	157574	16.00	ng/ul	0.01
29) 4-Chloroaniline-d4	10.45	131	143176	14.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	534864	17.48	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	691314	18.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	52768	12.49	ng/ul	0.05
57) Fluorene-d10	15.18	176	441210	16.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	20424	4.37	ng/ul	0.02
70) Anthracene-d10	17.04	188	644165	17.14	ng/ul	0.00
76) Pyrene-d10	19.35	212	663968	20.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	399340	16.69	ng/ul	0.02

Target Compounds

					Qvalue	
28) Naphthalene	10.33	128	67649	2.119	ng/ul	99
44) Dimethylphthalate	13.65	163	112779	3.738	ng/ul	98
49) Acenaphthene	14.24	153	83727	3.334	ng/ul	93
53) Dibenzofuran	14.58	168	64130	1.703	ng/ul	92
58) Fluorene	15.24	166	100585	3.094	ng/ul	96
69) Phenanthrene	16.99	178	1376667	30.672	ng/ul	98
71) Anthracene	17.07	178	244022	5.406	ng/ul	97
72) Carbazole	17.36	167	149428	3.937	ng/ul#	95
74) Fluoranthene	19.02	202	1676607	31.266	ng/ul#	93
77) Pyrene	19.38	202	1428049	34.496	ng/ul#	93
80) Benzo(a)anthracene	21.14	228	615841	15.841	ng/ul	99
82) Chrysene	21.20	228	563666	15.542	ng/ul	95
85) Benzo(b)fluoranthene	22.70	252	573725	17.428	ng/ul#	97
86) Benzo(k)fluoranthene	22.73	252	196868m	6.290	ng/ul	
88) Benzo(a)pyrene	23.25	252	387983	13.189	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.52	276	226829	7.946	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.51	278	66672	2.811	ng/ul#	83
91) Benzo(g,h,i)perylene	26.19	276	207720	8.983	ng/ul#	96

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

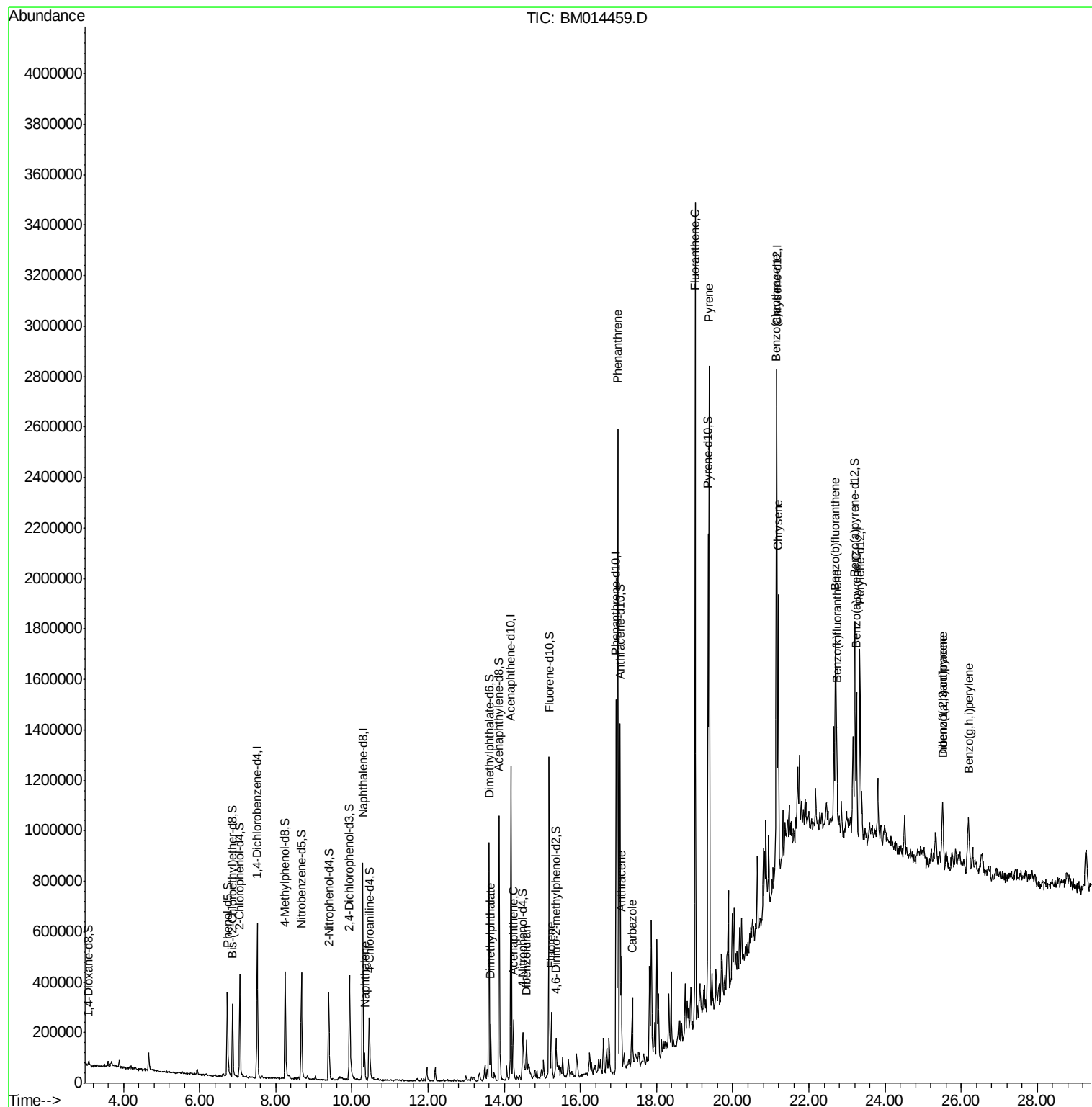
Data Path : Z:\HPCHEM1\BNA_M\Data\BM030218\
Data File : BM014459.D
Acq On : 02 Mar 2018 13:31
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Sample : J1679-05RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

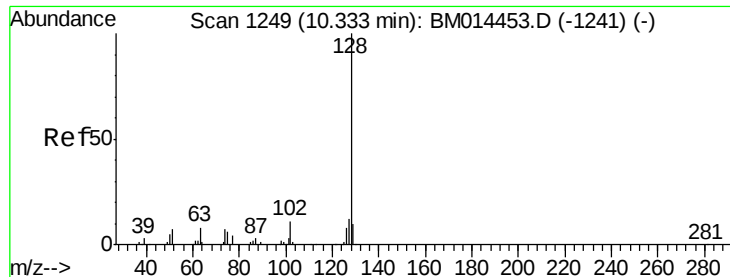
Instrument :
BNA_M
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Quant Time: Mar 08 11:31:53 2018
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 14:54:45 2018
Response via : Initial Calibration

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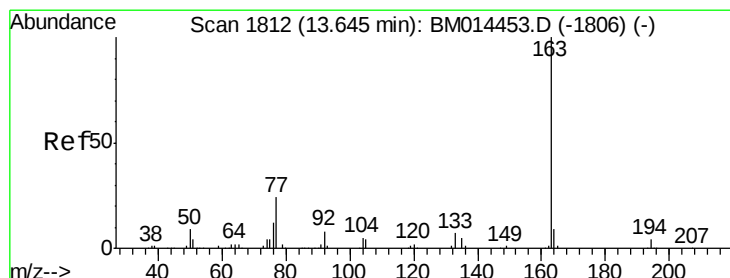
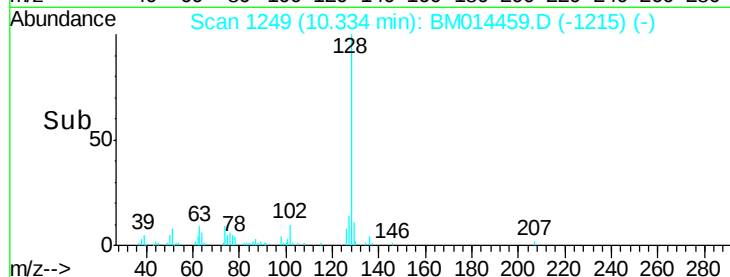
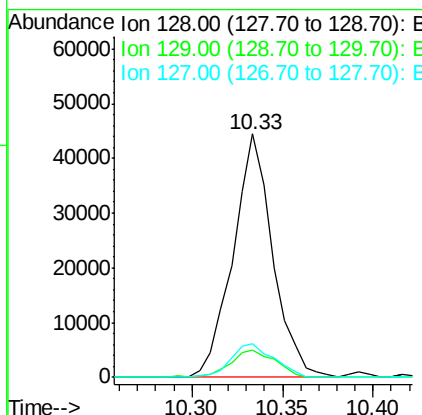
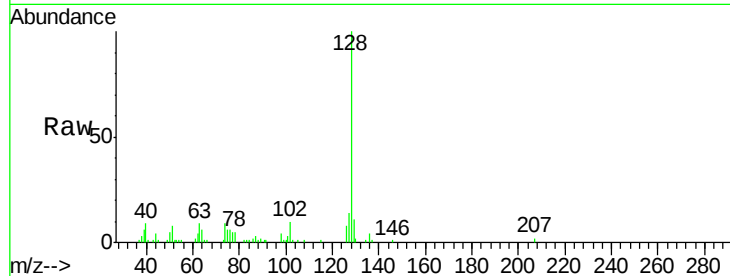
#28
Naphthalene
Concen: 2.119 ng/ul
RT: 10.33 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Instrument :
BNA_M
ClientSampleId :
BE610RE

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	67649		
129	11.3		8.8	13.2
127	13.8		10.6	16.0

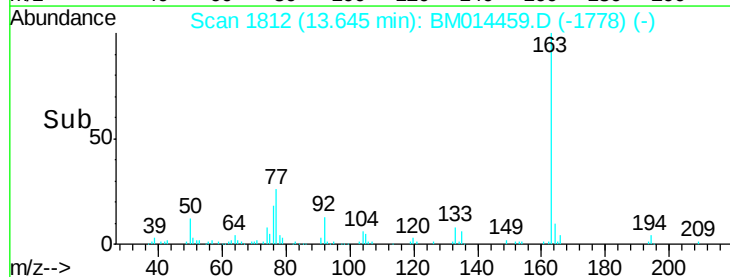
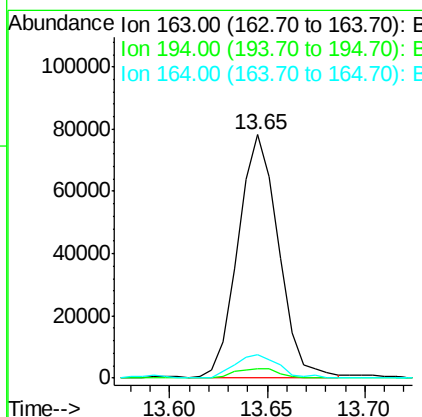
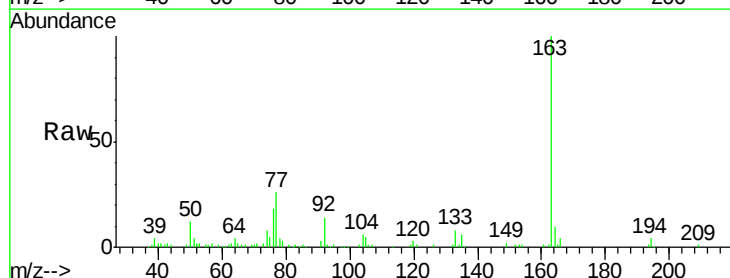
Manual Integrations
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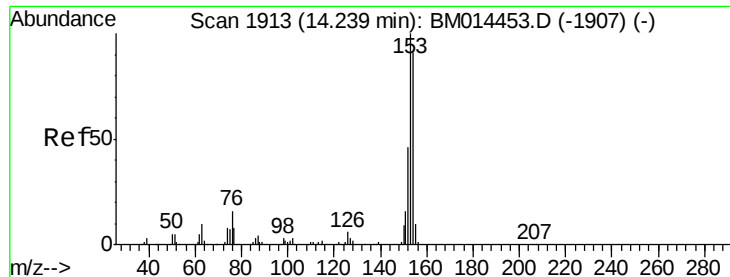
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#44
Dimethylphthalate
Concen: 3.738 ng/ul
RT: 13.65 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	112779		
194	4.0		3.5	5.3
164	9.6		8.2	12.4





#49

Acenaphthene

Concen: 3.334 ng/ul

RT: 14.24 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BM014459.D

Acq: 02 Mar 2018 13:31

Instrument :

BNA_M

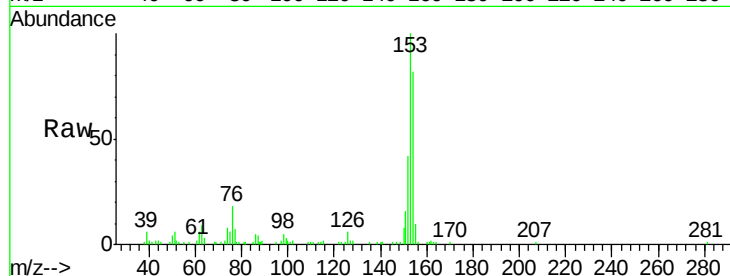
ClientSampleId :

BE610RE

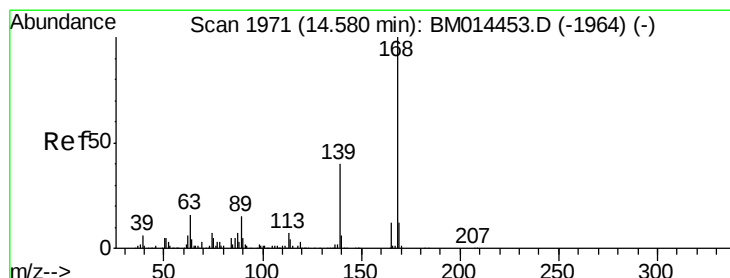
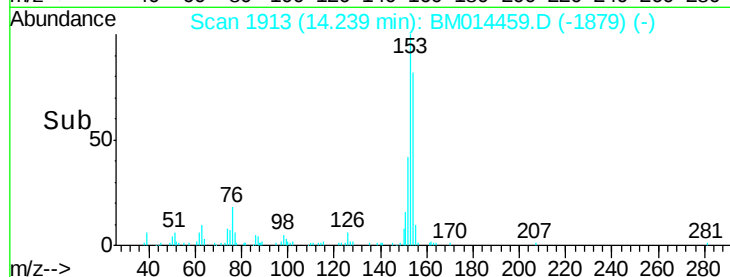
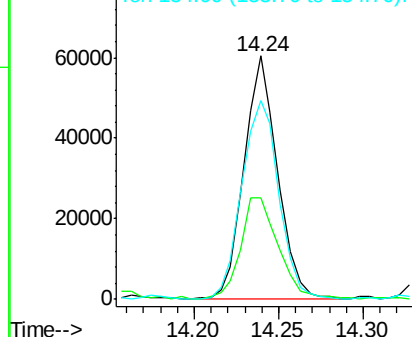
Tgt Ion:	153	Resp:	83727
Ion Ratio	Lower	Upper	
153	100		
152	41.6	37.6	56.4
154	81.5	70.4	105.6

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 1.703 ng/ul

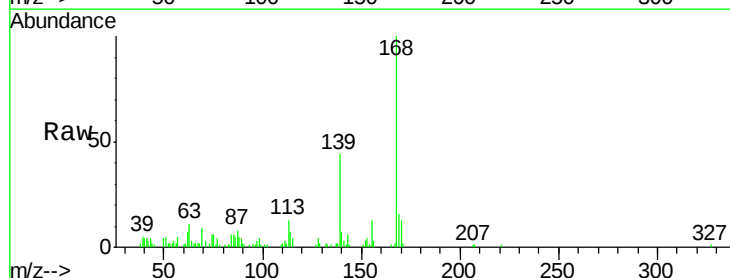
RT: 14.58 min Scan# 1971

Delta R.T. 0.00 min

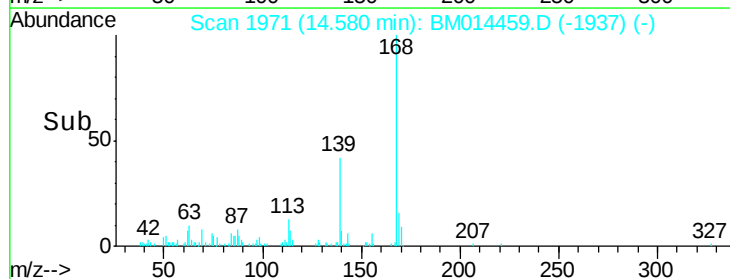
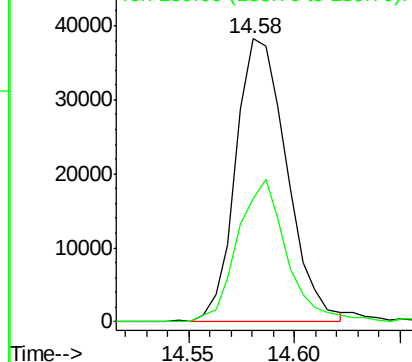
Lab File: BM014459.D

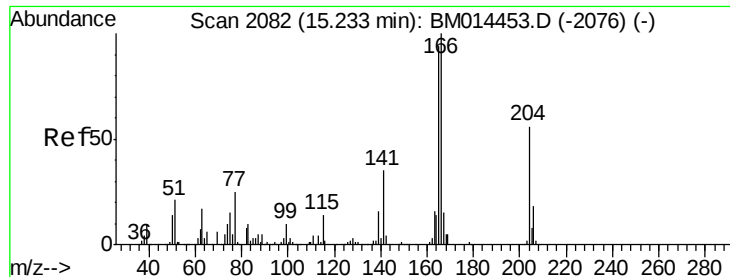
Acq: 02 Mar 2018 13:31

Tgt Ion:	168	Resp:	64130
Ion Ratio	Lower	Upper	
168	100		
139	43.6	30.8	46.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 3.094 ng/ul

RT: 15.24 min Scan# 2083

Delta R.T. 0.01 min

Lab File: BM014459.D

Acq: 02 Mar 2018 13:31

Instrument :

BNA_M

ClientSampleId :

BE610RE

Tgt Ion:166 Resp: 100585
Ion Ratio Lower Upper

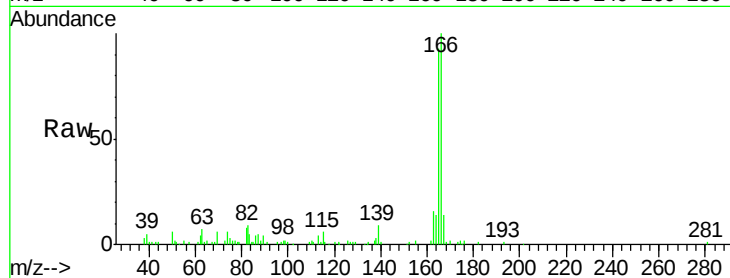
166 100

165 93.3 77.9 116.9

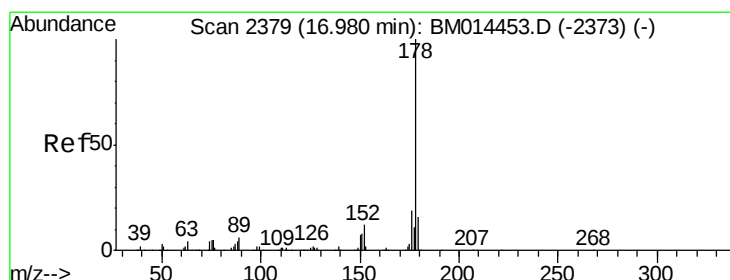
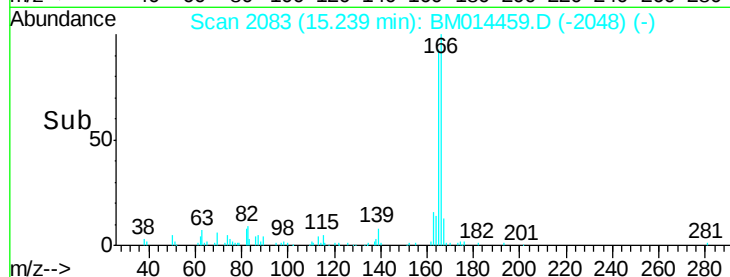
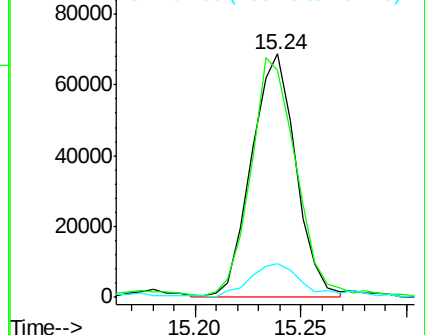
167 13.8 10.6 16.0

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 30.672 ng/ul

RT: 16.99 min Scan# 2380

Delta R.T. 0.01 min

Lab File: BM014459.D

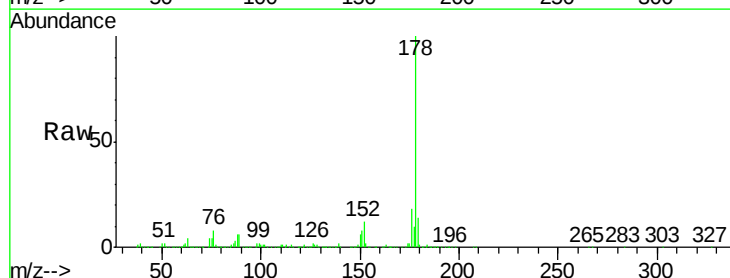
Acq: 02 Mar 2018 13:31

Tgt Ion:178 Resp: 1376667
Ion Ratio Lower Upper

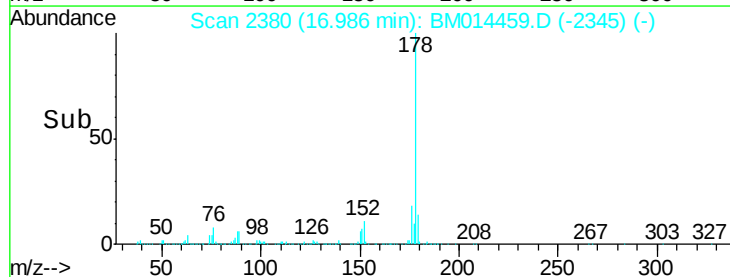
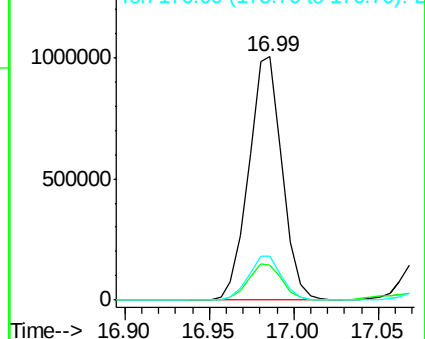
178 100

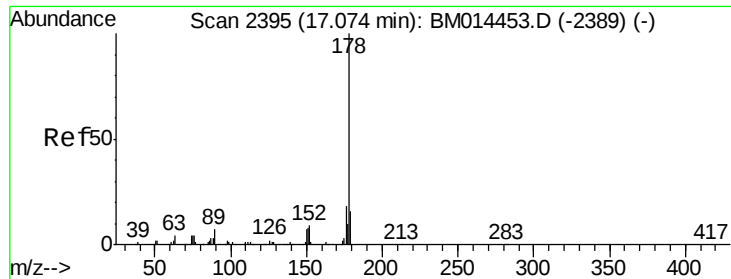
179 14.4 12.6 19.0

176 17.9 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





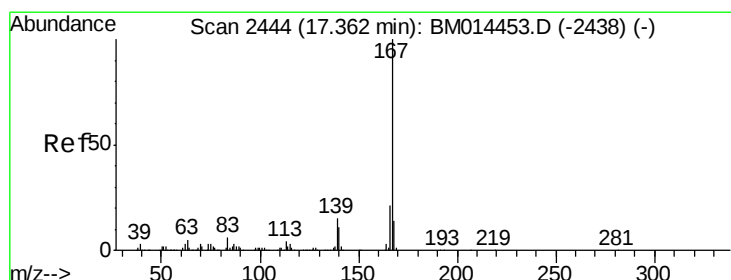
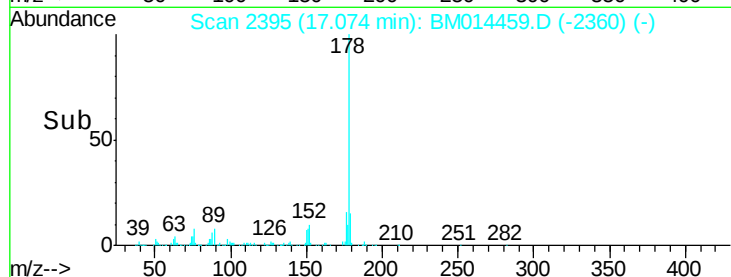
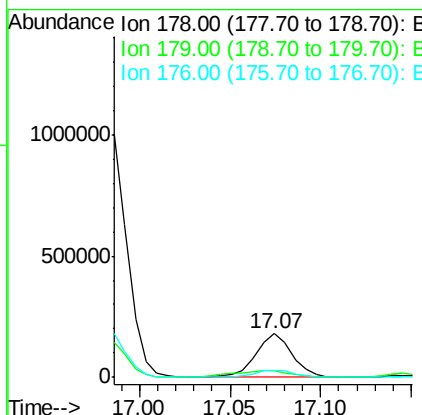
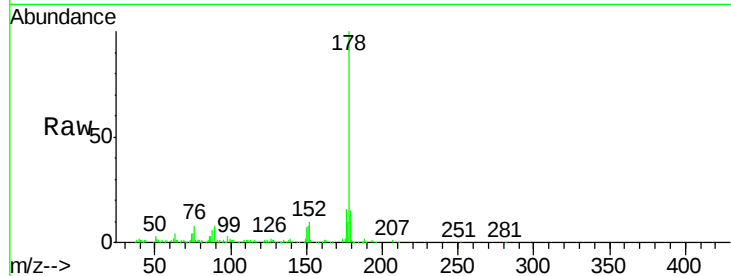
#71
 Anthracene
 Concen: 5.406 ng/ul
 RT: 17.07 min Scan# 2395
 Delta R.T. 0.01 min
 Lab File: BM014459.D
 Acq: 02 Mar 2018 13:31

Instrument :
 BNA_M
 ClientSampleId :
 BE610RE

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.7	17.5
176	16.4	14.6	21.8

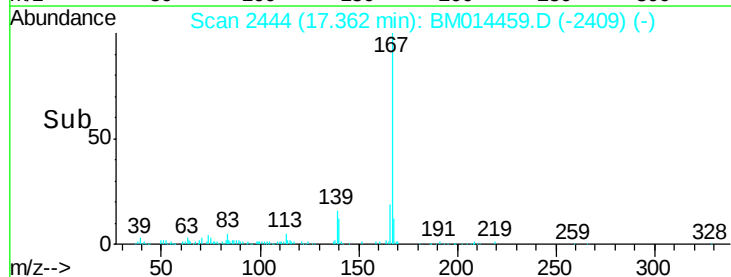
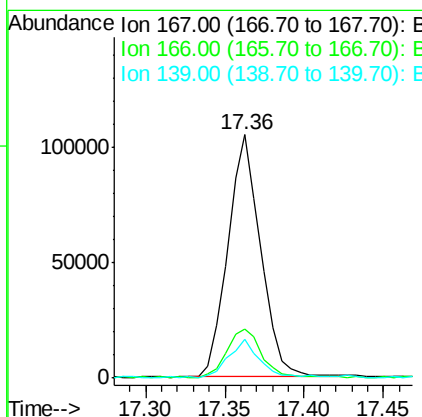
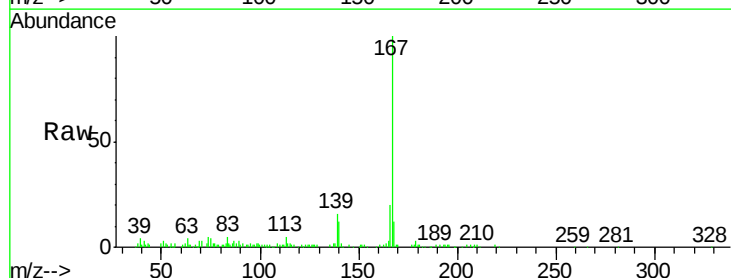
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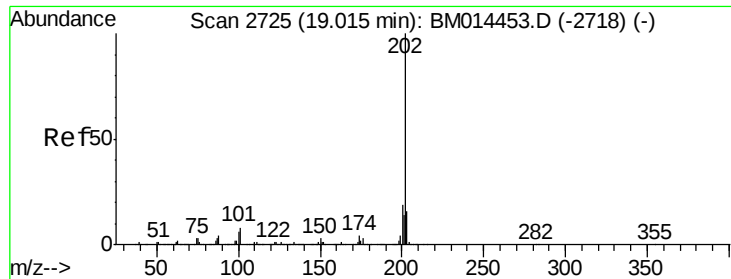
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#72
 Carbazole
 Concen: 3.937 ng/ul
 RT: 17.36 min Scan# 2444
 Delta R.T. 0.01 min
 Lab File: BM014459.D
 Acq: 02 Mar 2018 13:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	19.9	17.1	25.7
139	15.7	10.0	15.0#





#74

Fluoranthene

Concen: 31.266 ng/ul

RT: 19.02 min Scan# 2725

Delta R.T. 0.01 min

Lab File: BM014459.D

Acq: 02 Mar 2018 13:31

Instrument :

BNA_M

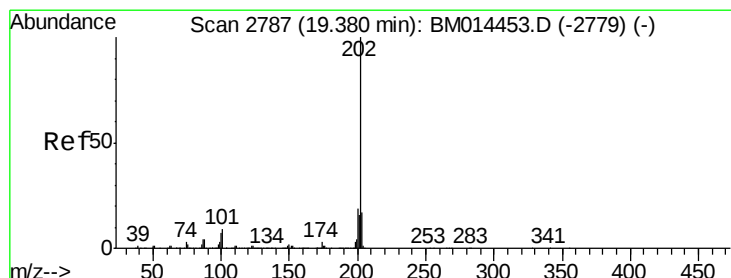
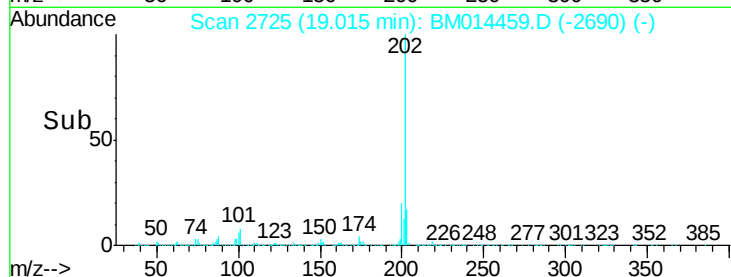
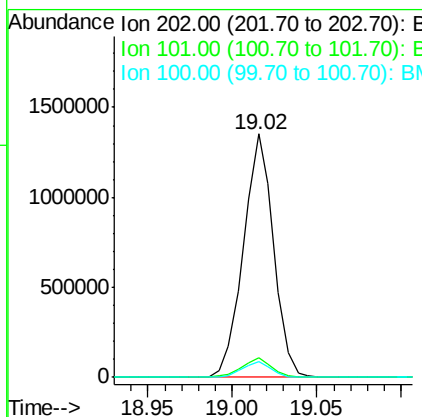
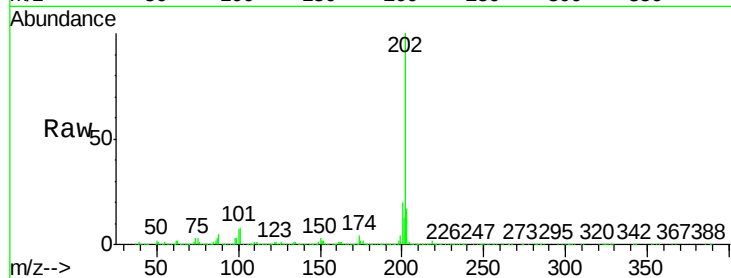
ClientSampleId :

BE610RE

Tgt	Ion	Ratio	Lower	Upper
202	100			
101	8.1	4.6	7.0#	
100	6.5	3.4	5.2#	

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#77

Pyrene

Concen: 34.496 ng/ul

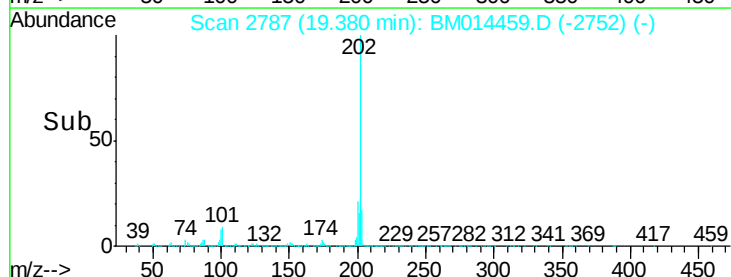
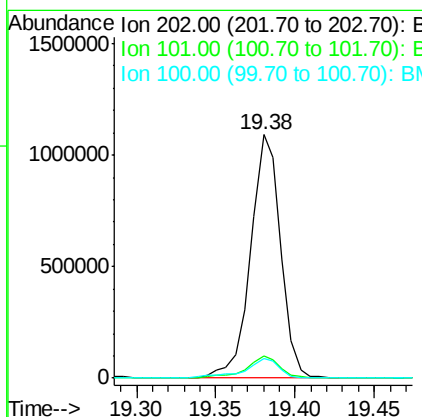
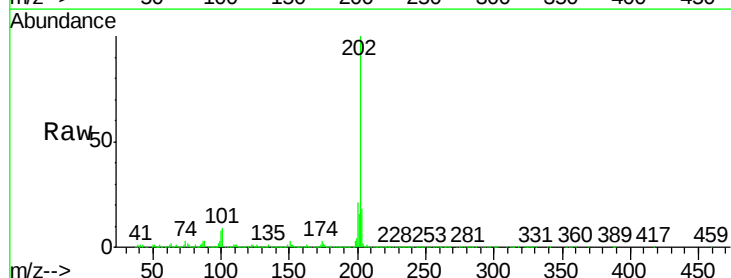
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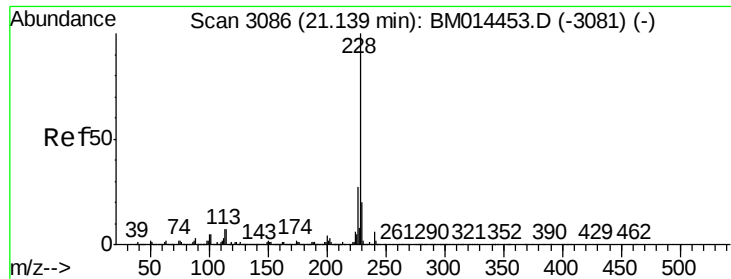
Delta R.T. 0.01 min

Lab File: BM014459.D

Acq: 02 Mar 2018 13:31

Tgt	Ion	Ratio	Lower	Upper
202	100			
101	9.1	5.1	7.7#	
100	7.8	4.9	7.3#	





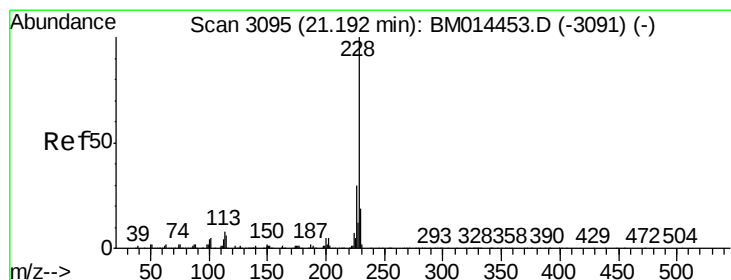
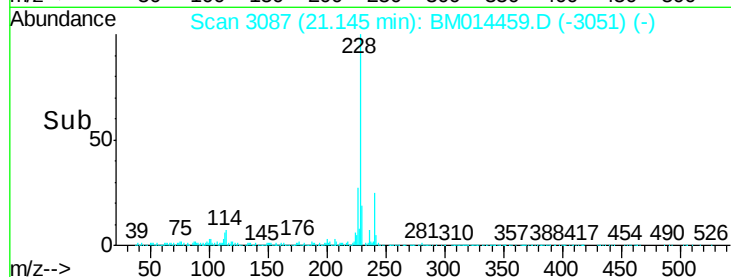
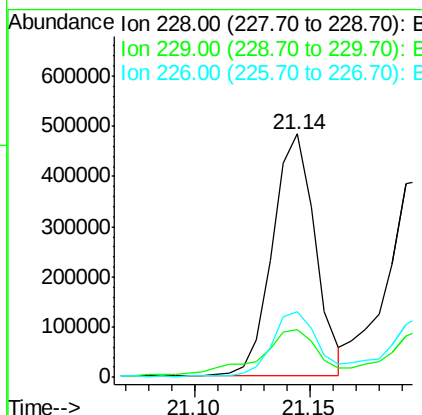
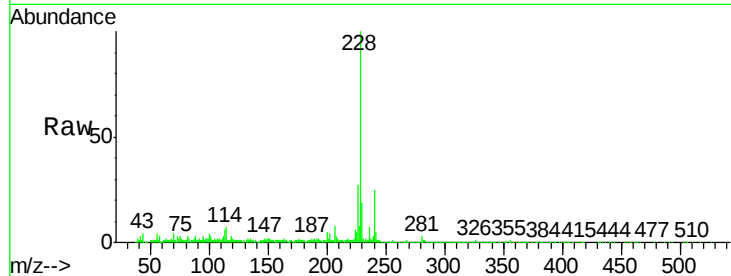
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Benzo(a)anthracene
Concen: 15.841 ng/ul
RT: 21.14 min Scan# 3087
Delta R.T. 0.01 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Instrument :
BNA_M
ClientSampleId :
BE610RE

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.4	23.0
226	27.1	21.4	32.0

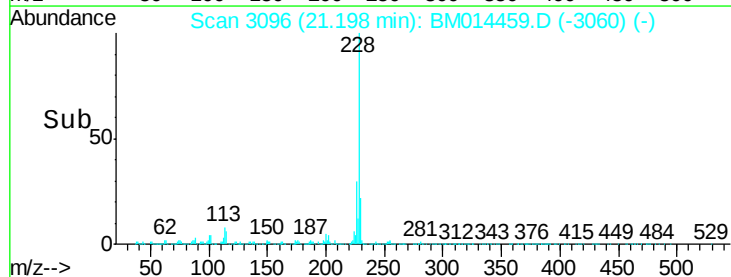
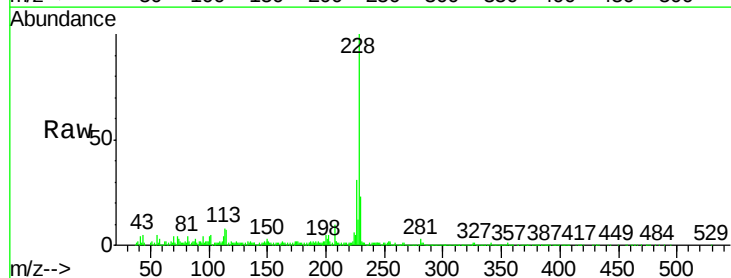
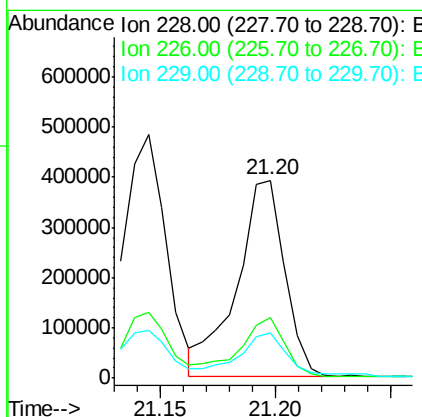
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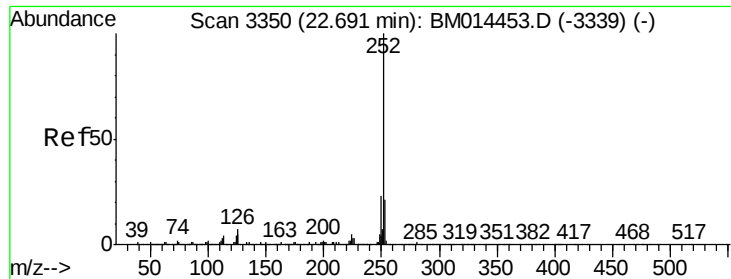
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#82
Chrysene
Concen: 15.542 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	23.0	15.5	23.3





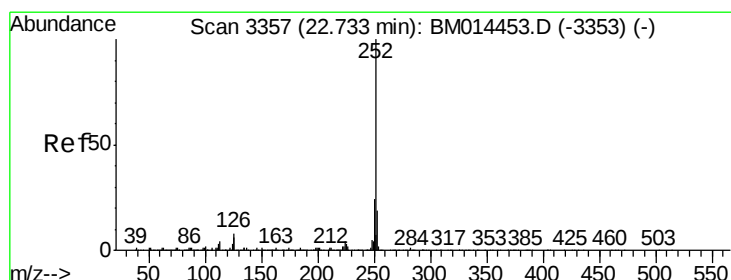
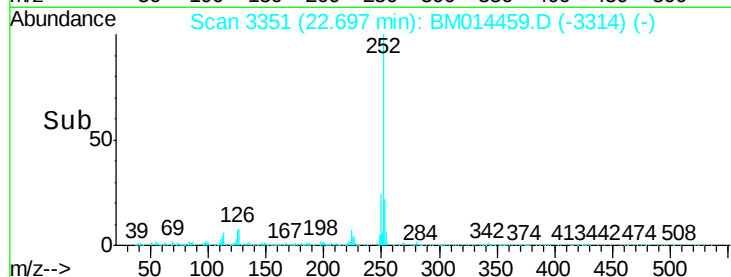
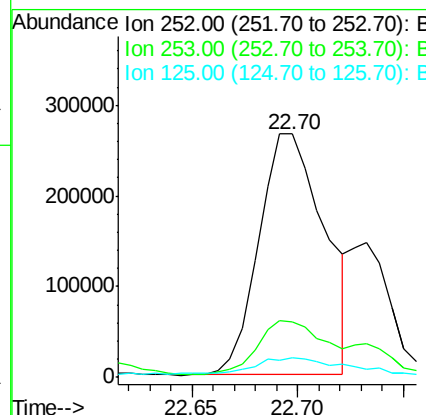
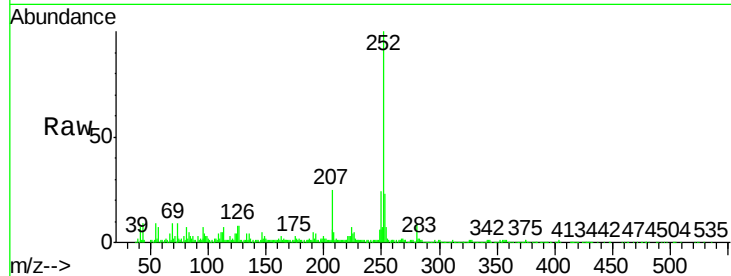
#85
Benzo(b)fluoranthene
Concen: 17.428 ng/ul
RT: 22.70 min Scan# 3351
Delta R.T. 0.02 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Instrument :
BNA_M
ClientSampleId :
BE610RE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	8.3	3.6	5.4

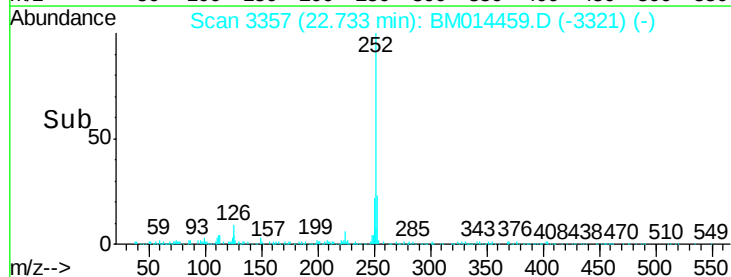
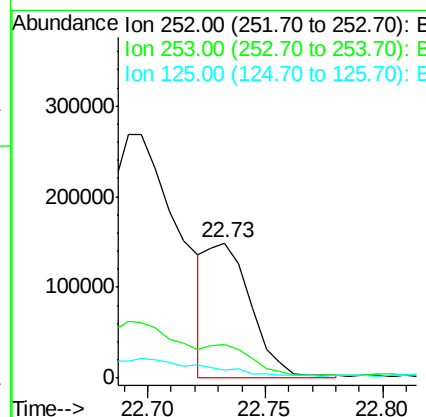
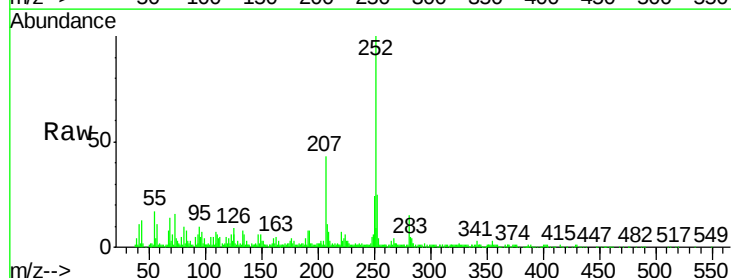
Manual Integrations
APPROVED

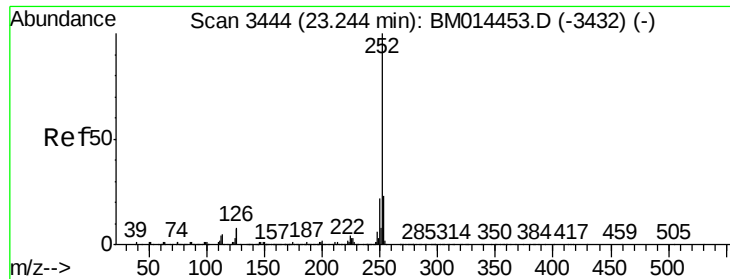
Sohil
3/5/2018 3:21:02 PM



#86
Benzo(k)fluoranthene
Concen: 6.290 ng/ul m
RT: 22.73 min Scan# 3357
Delta R.T. 0.01 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.1	25.7
125	6.0	3.4	5.2





#88

Benzo(a)pyrene

Concen: 13.189 ng/ul

RT: 23.25 min Scan# 3445

Delta R.T. 0.02 min

Lab File: BM014459.D

Acq: 02 Mar 2018 13:31

Instrument :

BNA_M

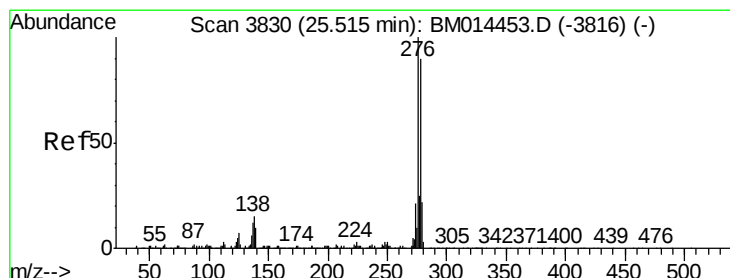
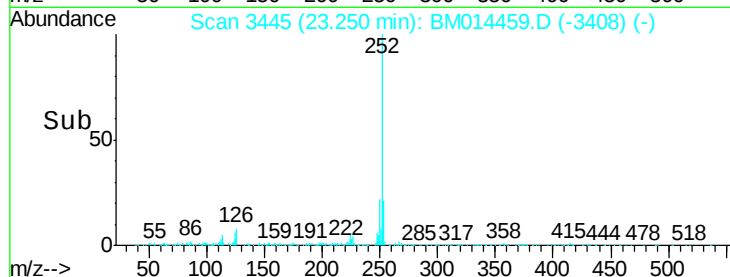
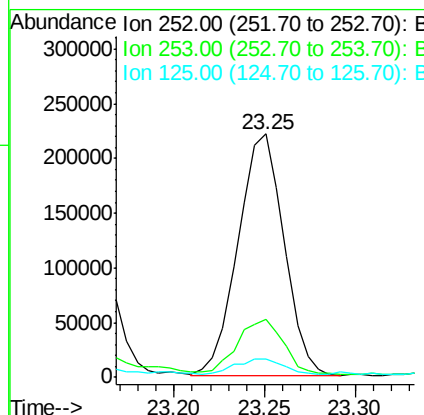
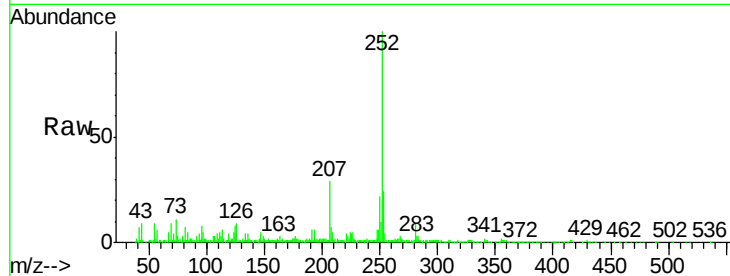
ClientSampleId :

BE610RE

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	387983		
253	23.9	18.2	27.2	
125	7.7	4.0	6.0	

Manual Integrations
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3/5/2018 3:21:02 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 7.946 ng/ul

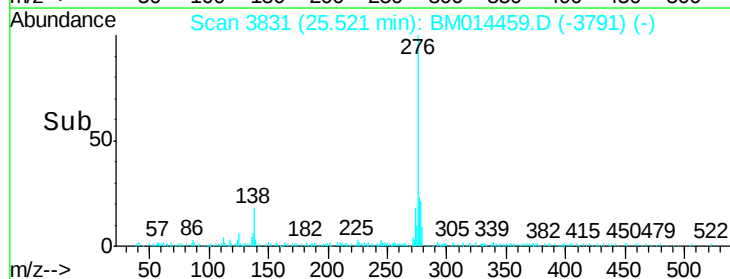
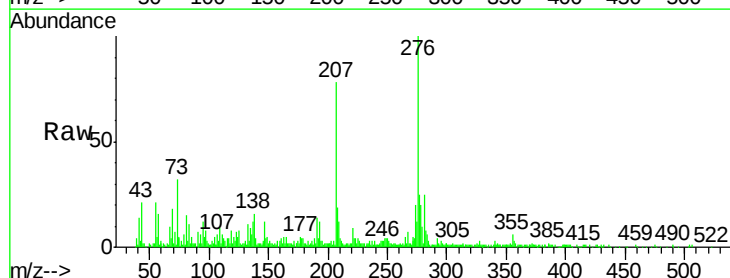
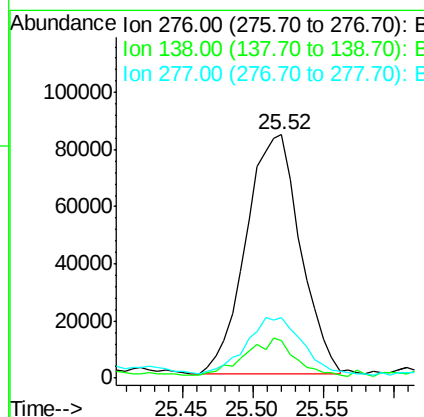
RT: 25.52 min Scan# 3831

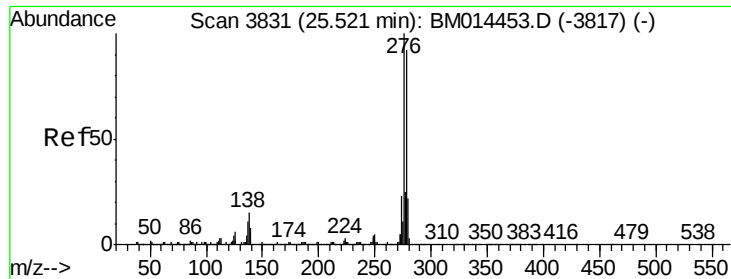
Delta R.T. 0.04 min

Lab File: BM014459.D

Acq: 02 Mar 2018 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	226829		
138	15.7	9.3	13.9	
277	24.7	19.9	29.9	





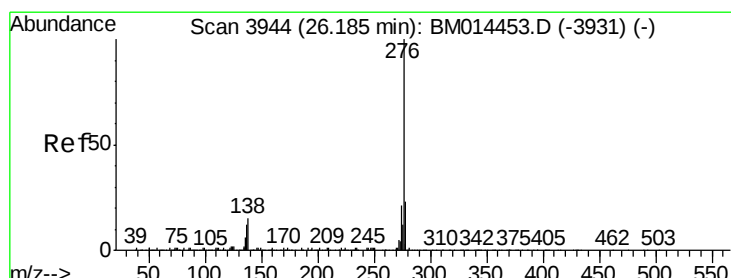
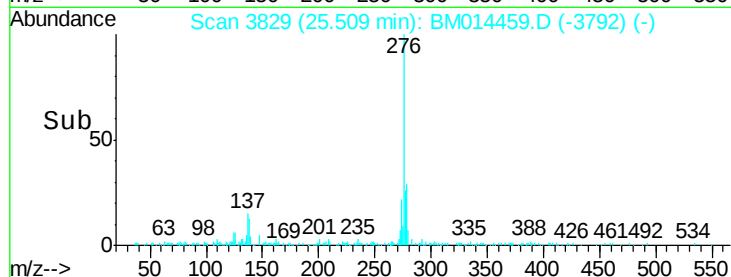
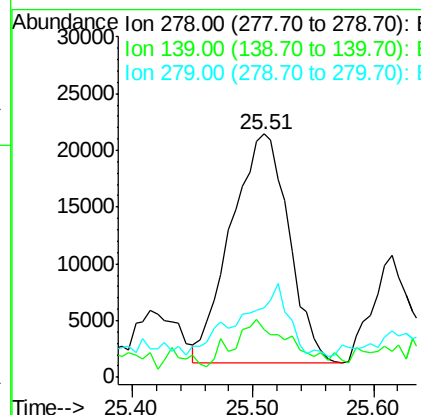
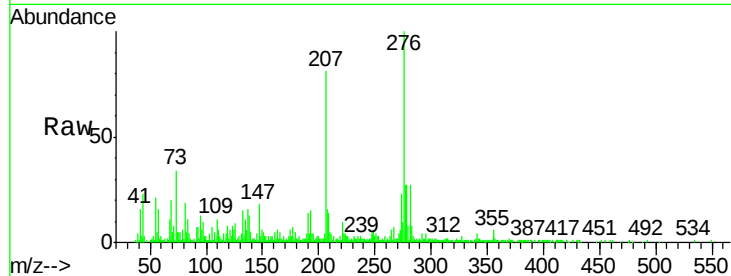
#90
Dibenzo(a,h)anthracene
Concen: 2.811 ng/ul
RT: 25.51 min Scan# 3829
Delta R.T. 0.02 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Instrument :
BNA_M
ClientSampled :
BE610RE

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	66672		
139	19.4	5.8	8.8#	
279	28.8	18.6	27.8#	

Manual Integrations
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3/5/2018 3:21:02 PM



#91
Benzo(g,h,i)perylene
Concen: 8.983 ng/ul
RT: 26.19 min Scan# 3944
Delta R.T. 0.04 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	207720		
138	12.8	8.5	12.7#	
277	24.7	18.6	28.0	

