

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
 Data File : BM014560.D
 Acq On : 14 Mar 2018 01:29
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F6F21

Manual Integrations
 APPROVED

Sohil
 3/14/2018 1:36:13 PM

Quant Time: Mar 14 04:01:34 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 02:08:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	132899	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	550586	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.14	164	281948	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.92	188	484038	20.00	ng/ul	0.01
75) Chrysene-d12	21.14	240	324745	20.00	ng/ul	0.01
83) Perylene-d12	23.31	264	324203	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	9023	2.91	ng/uL	0.00
5) Phenol-d5	6.70	99	302912	26.97	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.83	67	187889	27.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	256696	29.80	ng/ul	0.01
13) 4-Methylphenol-d8	8.22	113	251810	25.62	ng/ul	0.01
19) Nitrobenzene-d5	8.65	128	130851	32.16	ng/ul	0.01
22) 2-Nitrophenol-d4	9.36	143	140655	33.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	268541	30.79	ng/ul	0.02
29) 4-Chloroaniline-d4	10.43	131	161703	18.82	ng/ul	0.01
43) Dimethylphthalate-d6	13.57	166	837900	35.99	ng/ul	0.00
46) Acenaphthylene-d8	13.84	160	976259	34.00	ng/ul	0.01
51) 4-Nitrophenol-d4	14.47	143	73792m	22.95	ng/ul	0.00
57) Fluorene-d10	15.15	176	618864	29.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	26634	9.17	ng/ul	0.00
70) Anthracene-d10	17.02	188	779758	33.39	ng/ul	0.01
76) Pyrene-d10	19.33	212	624009	37.26	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.18	264	524029	33.21	ng/ul	0.02

Target Compounds

					Ovalue	
28) Naphthalene	10.30	128	135934	4.807	ng/ul	96
34) 2-Methylnaphthalene	11.93	142	38592	1.793	ng/ul	98
44) Dimethylphthalate	13.62	163	114657	4.994	ng/ul#	96
49) Acenaphthene	14.21	153	134896	7.059	ng/ul	94
53) Dibenzofuran	14.56	168	71522	2.496	ng/ul	98
58) Fluorene	15.21	166	95677	3.868	ng/ul#	99
69) Phenanthrene	16.96	178	997030	35.751	ng/ul	98
71) Anthracene	17.05	178	252350	8.997	ng/ul	98
72) Carbazole	17.34	167	131784	5.588	ng/ul#	96
74) Fluoranthene	18.99	202	1102699	33.095	ng/ul#	97
77) Pyrene	19.36	202	887878	41.140	ng/ul	97
80) Benzo(a)anthracene	21.12	228	538743	26.582	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.04	149	39327	3.077	ng/ul#	95
82) Chrysene	21.17	228	499200	26.403	ng/ul	95
85) Benzo(b)fluoranthene	22.67	252	767654	35.363	ng/ul#	98
86) Benzo(k)fluoranthene	22.71	252	212819	10.311	ng/ul#	96
88) Benzo(a)pyrene	23.22	252	507651	26.170	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.48	276	357363	18.985	ng/ul	100
90) Dibenzo(a,h)anthracene	25.47	278	105292	6.732	ng/ul#	80
91) Benzo(g,h,i)perylene	26.15	276	315496	20.690	ng/ul#	92

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

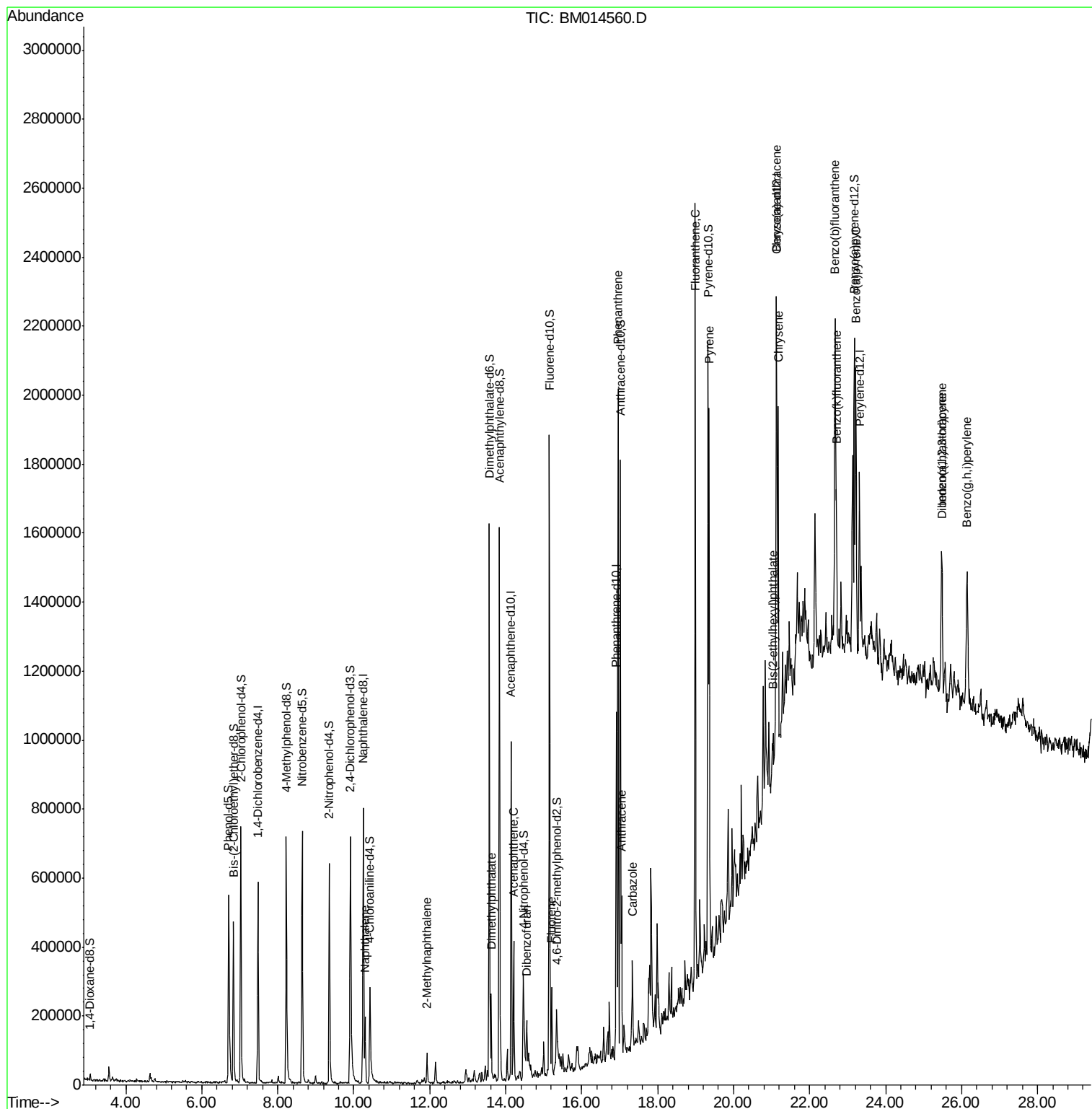
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014560.D
Acq On : 14 Mar 2018 01:29
Operator : SJ/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

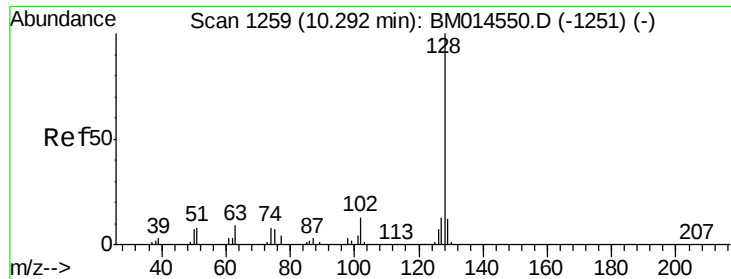
Instrument :
BNA_M
ClientSampleId :
F6F21

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Quant Title : SVOA CALIBRATION
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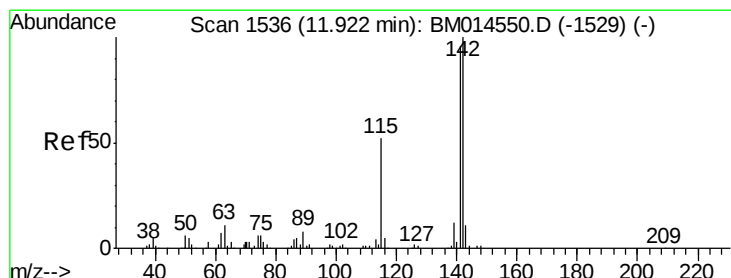
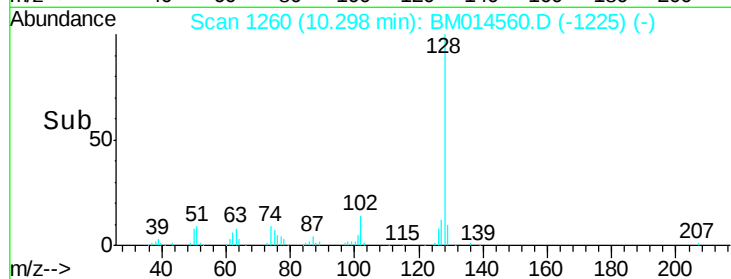
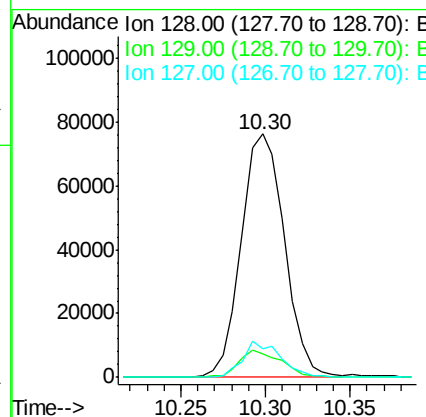
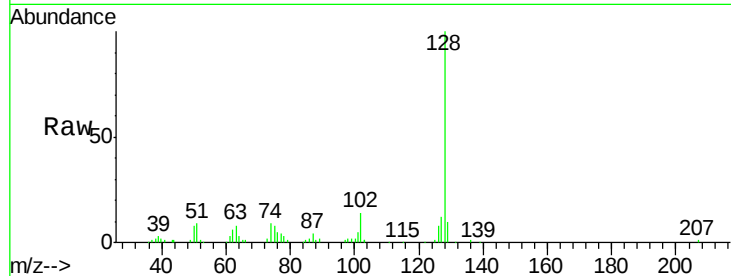
#28
Naphthalene
Concen: 4.807 ng/ul
RT: 10.30 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BM014560.D
Acq: 14 Mar 2018 01:29

Instrument :
BNA_M
ClientSampled :
F6F21

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.7	8.8	13.2
127	11.9	10.6	16.0

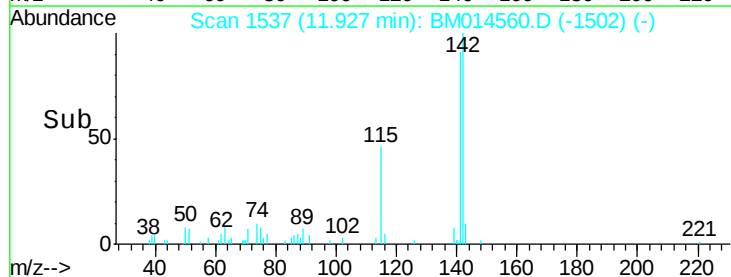
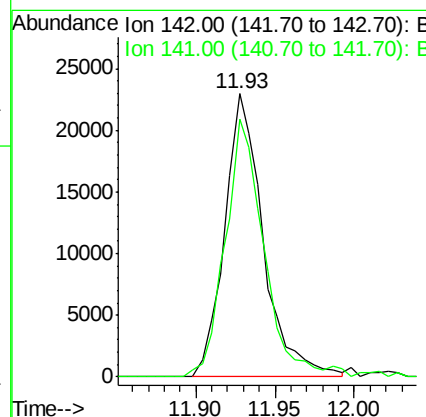
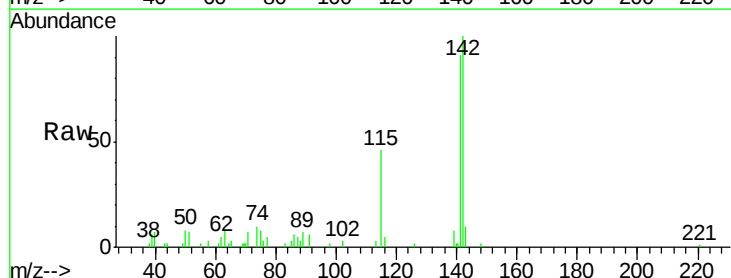
Manual Integrations
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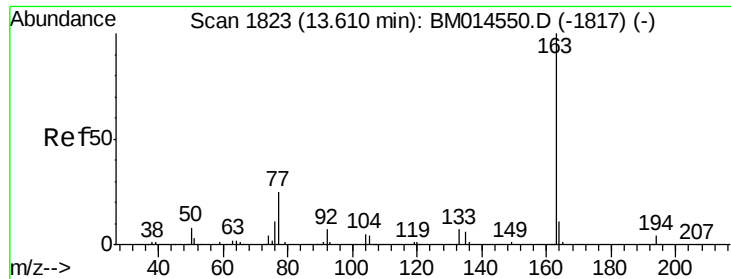
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#34
2-Methylnaphthalene
Concen: 1.793 ng/ul
RT: 11.93 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BM014560.D
Acq: 14 Mar 2018 01:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.1	111.1





#44

Dimethylphthalate

Concen: 4.994 ng/ul

RT: 13.62 min Scan# 1824

Delta R.T. 0.01 min

Lab File: BM014560.D

Acq: 14 Mar 2018 01:29

Instrument :

BNA_M

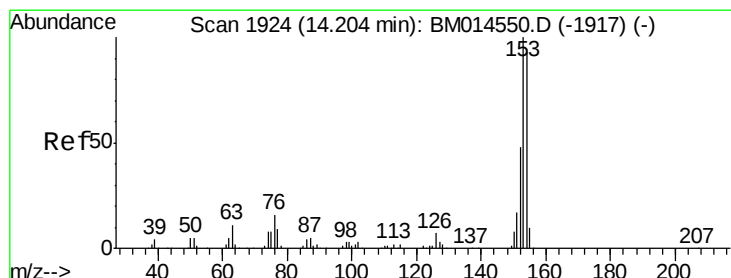
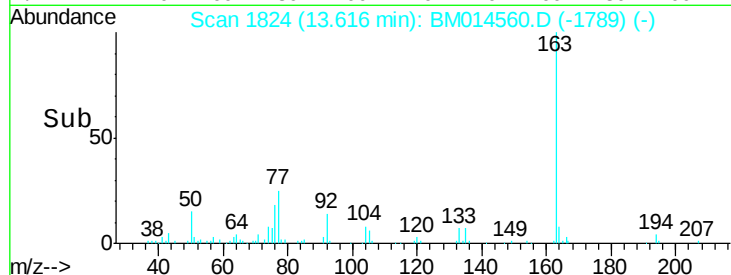
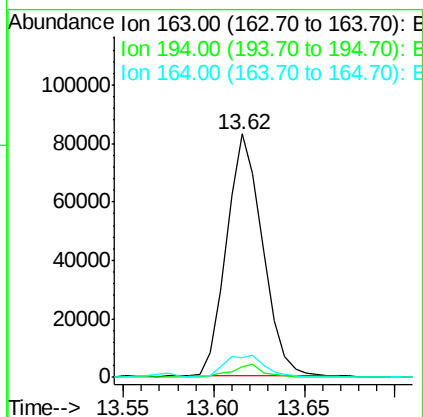
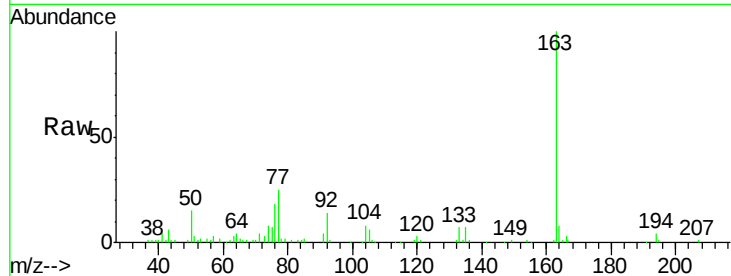
ClientSampled :

F6F21

Tot Ion	Ratio	Resp	Lower	Upper
163	100	114657		
194	4.2	3.5	5.3	
164	8.2	8.2	12.4	

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#49

Acenaphthene

Concen: 7.059 ng/ul

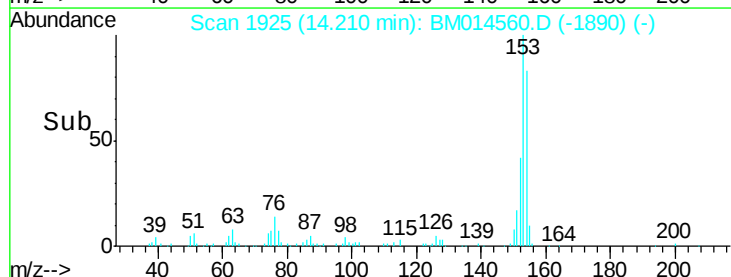
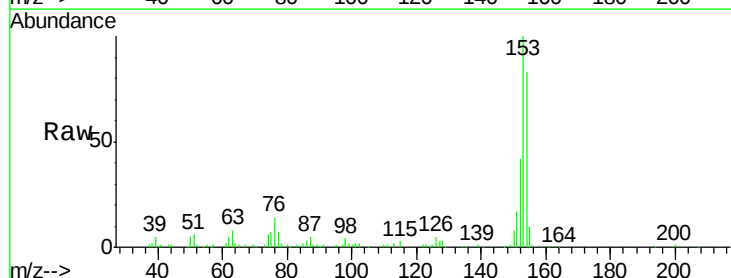
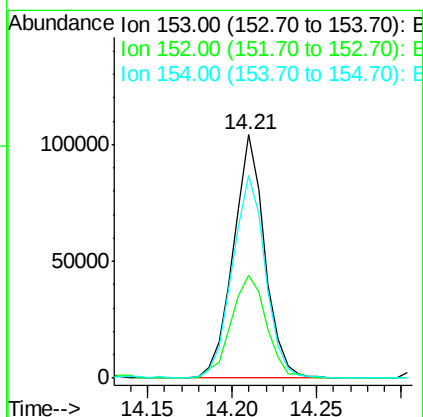
RT: 14.21 min Scan# 1925

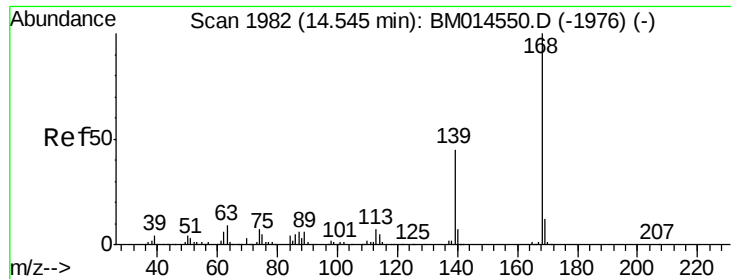
Delta R.T. 0.01 min

Lab File: BM014560.D

Acq: 14 Mar 2018 01:29

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	134896		
152	42.3	37.6	56.4	
154	83.4	70.4	105.6	





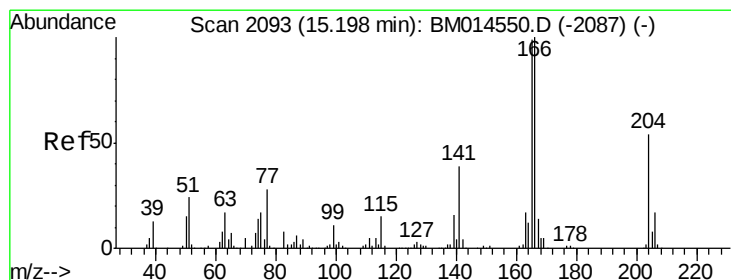
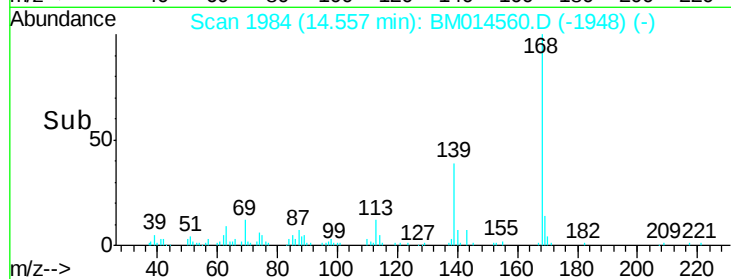
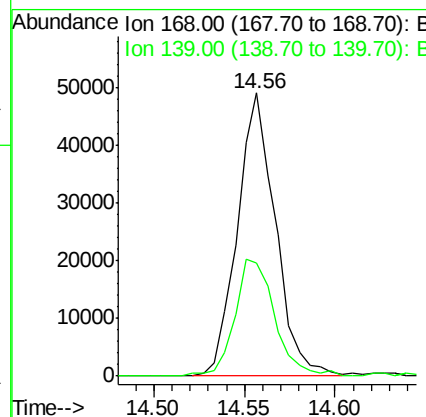
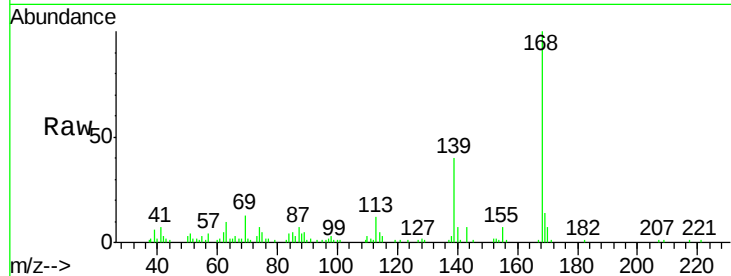
#53
Dibenzenofuran
Concen: 2.496 ng/ul
RT: 14.56 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BM014560.D
Acq: 14 Mar 2018 01:29

Instrument :
BNA_M
ClientSampled :
F6F21

Tot Ion:168 Resp: 71522
Ion Ratio Lower Upper
168 100
139 39.9 30.8 46.2

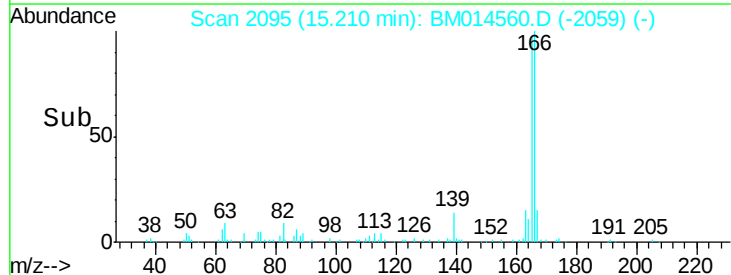
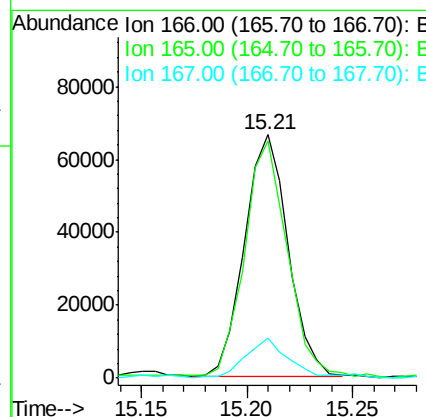
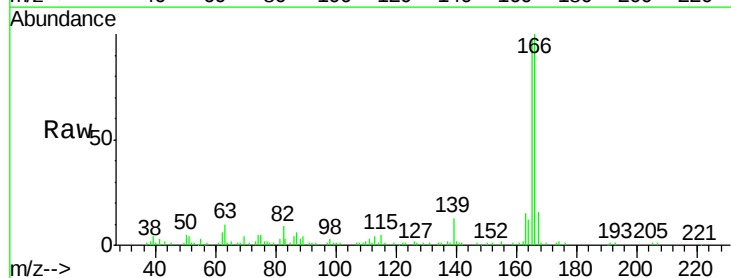
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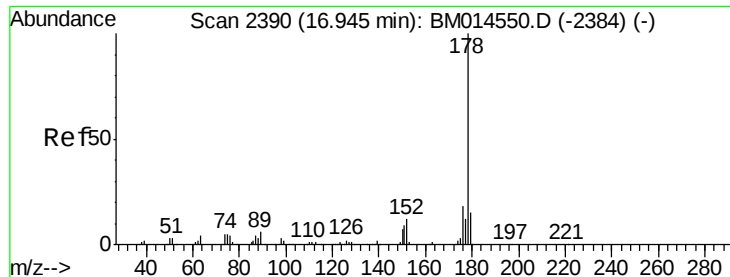
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#58
Fluorene
Concen: 3.868 ng/ul
RT: 15.21 min Scan# 2095
Delta R.T. 0.01 min
Lab File: BM014560.D
Acq: 14 Mar 2018 01:29

Tgt Ion:166 Resp: 95677
Ion Ratio Lower Upper
166 100
165 97.3 77.9 116.9
167 16.5 10.6 16.0#





#69

Phenanthrene

Concen: 35.751 ng/ul

RT: 16.96 min Scan# 2392

Delta R.T. 0.01 min

Lab File: BM014560.D

Acq: 14 Mar 2018 01:29

Instrument :

BNA_M

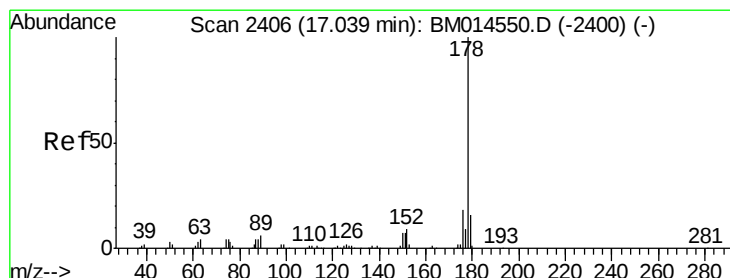
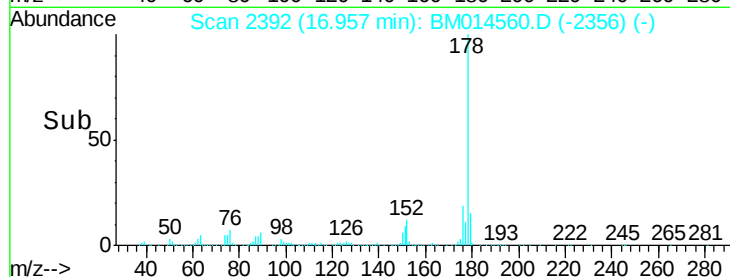
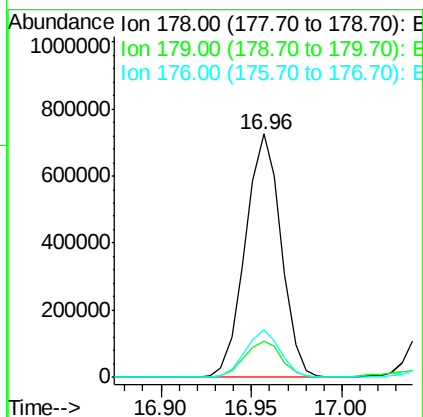
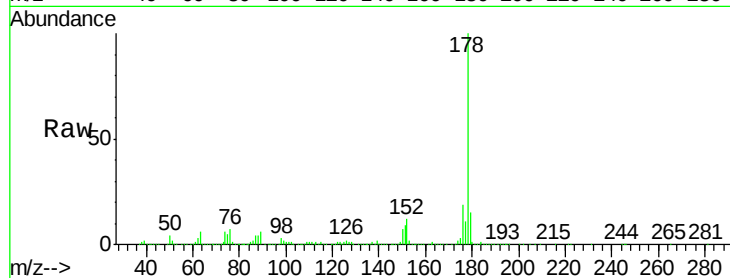
ClientSampled :

F6F21

Tot Ion:	178	Resp:	997030
Ion Ratio	Lower	Upper	
178	100		
179	14.8	12.6	19.0
176	19.5	14.9	22.3

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#71

Anthracene

Concen: 8.997 ng/ul

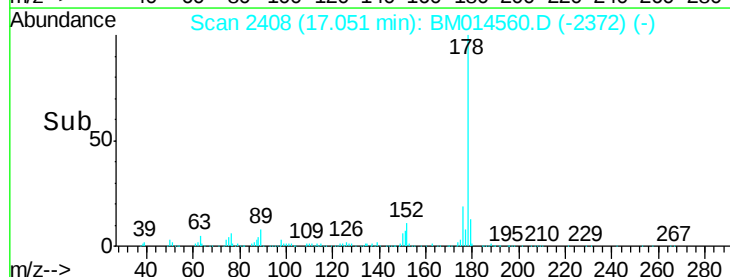
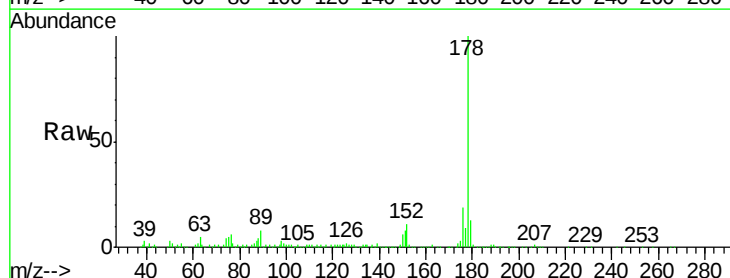
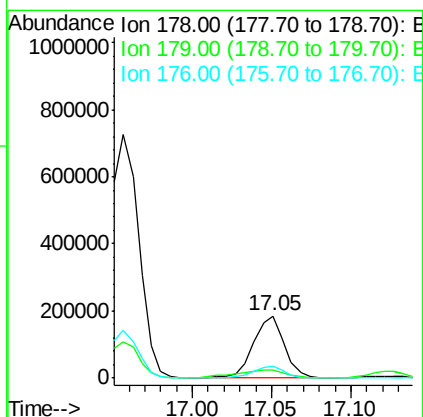
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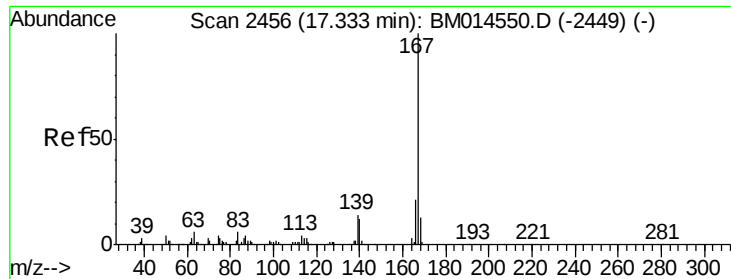
Delta R.T. 0.01 min

Lab File: BM014560.D

Acq: 14 Mar 2018 01:29

Tgt Ion:	178	Resp:	252350
Ion Ratio	Lower	Upper	
178	100		
179	13.5	11.7	17.5
176	18.8	14.6	21.8





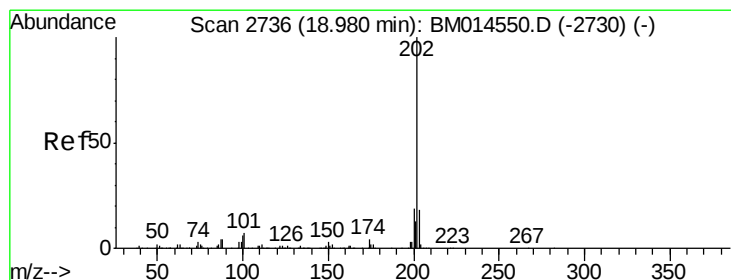
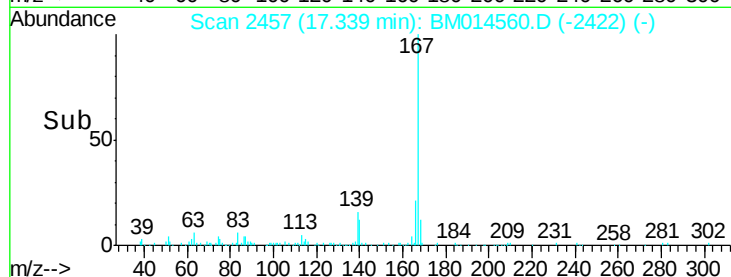
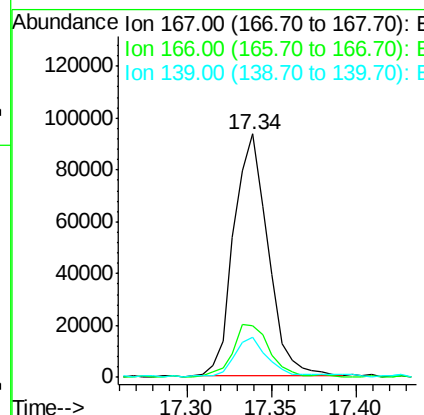
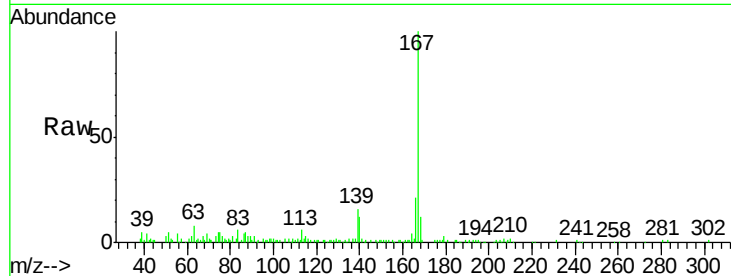
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 Carbazole
 Concen: 5.588 ng/ul
 RT: 17.34 min Scan# 2457
 Delta R.T. 0.01 min
 Lab File: BM014560.D
 Acq: 14 Mar 2018 01:29

Instrument :
 BNA_M
 ClientSampleId :
 F6F21

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	16.5	10.0	15.0

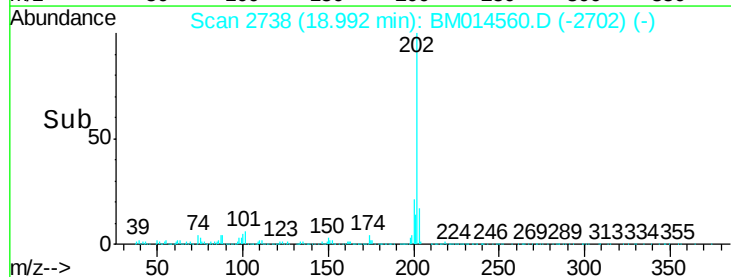
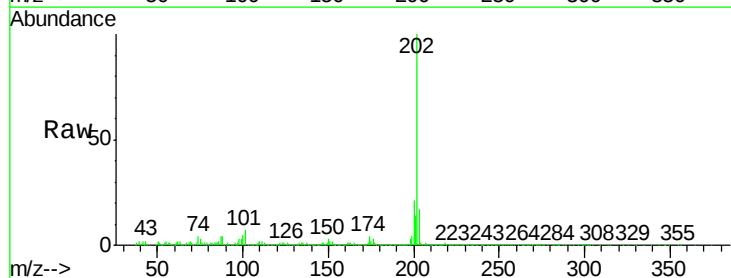
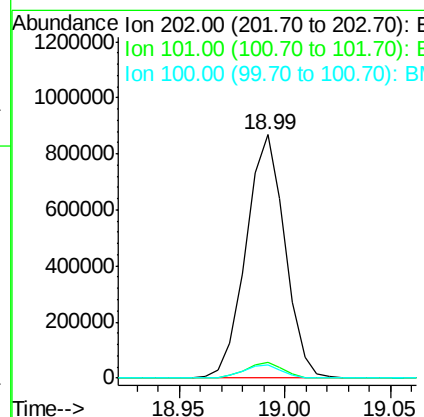
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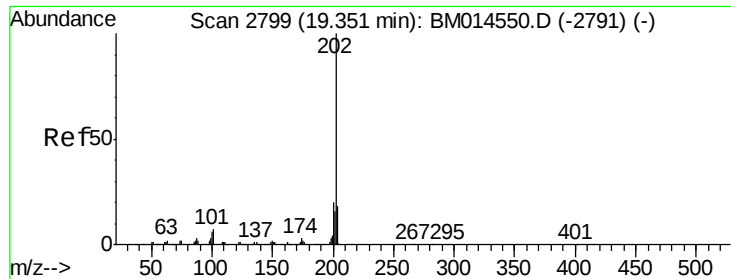
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#74
 Fluoranthene
 Concen: 33.095 ng/ul
 RT: 18.99 min Scan# 2738
 Delta R.T. 0.01 min
 Lab File: BM014560.D
 Acq: 14 Mar 2018 01:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.5	4.6	7.0
100	5.3	3.4	5.2





#77

Pvrene

Concen: 41.140 ng/ul

RT: 19.36 min Scan# 2800

Delta R.T. 0.01 min

Lab File: BM014560.D

Acq: 14 Mar 2018 01:29

Instrument :

BNA_M

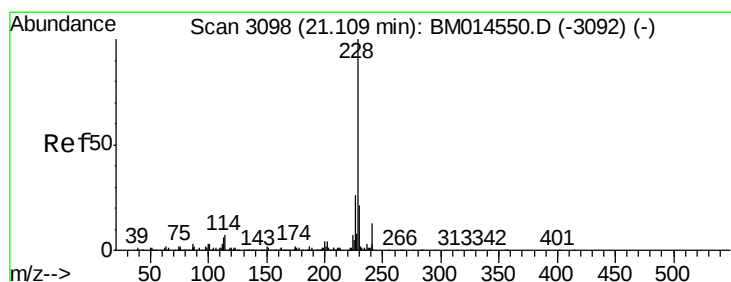
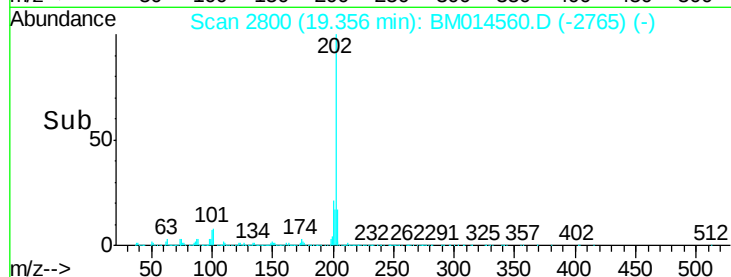
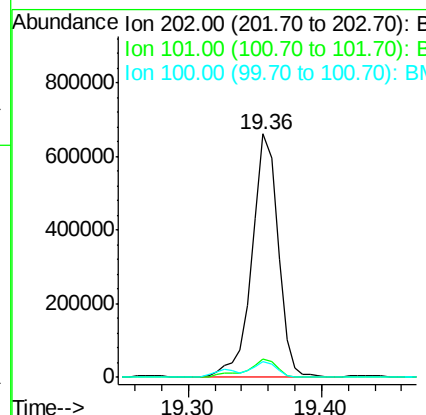
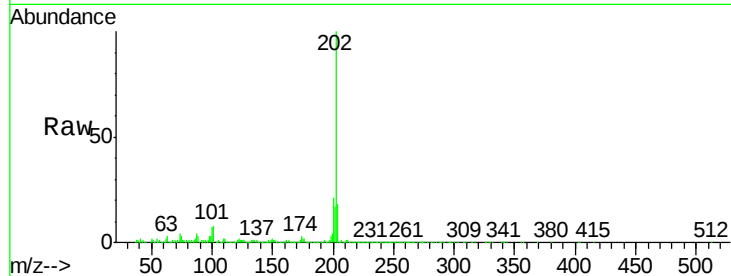
ClientSampleId :

F6F21

Tot Ion:	202	Resp:	887878
Ion Ratio	Lower	Upper	
202	100		
101	7.6	5.1	7.7
100	6.7	4.9	7.3

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#80

Benzo(a)anthracene

Concen: 26.582 ng/ul

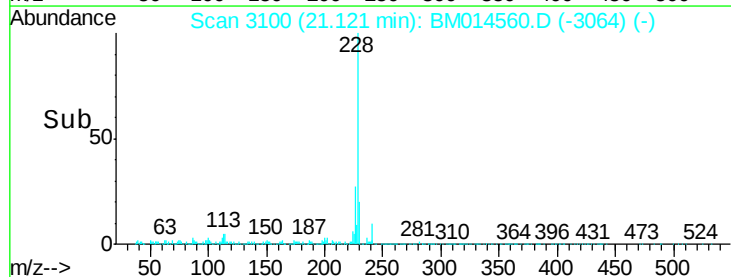
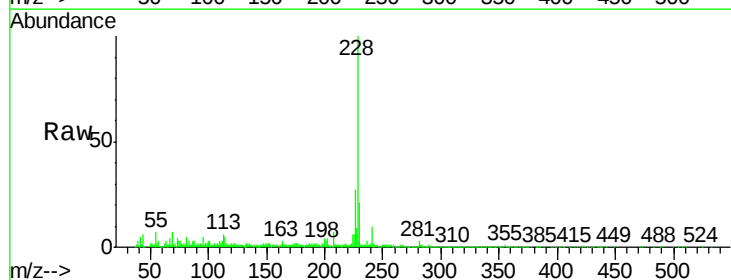
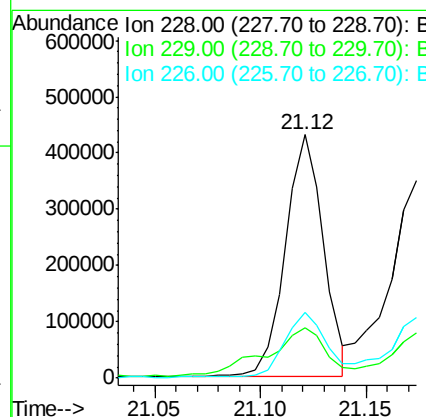
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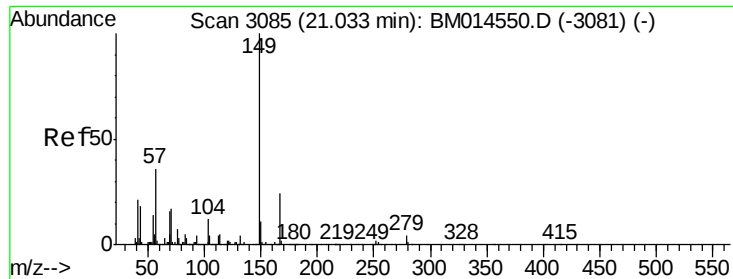
Delta R.T. 0.01 min

Lab File: BM014560.D

Acq: 14 Mar 2018 01:29

Tgt Ion:	228	Resp:	538743
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.4	23.0
226	26.8	21.4	32.0





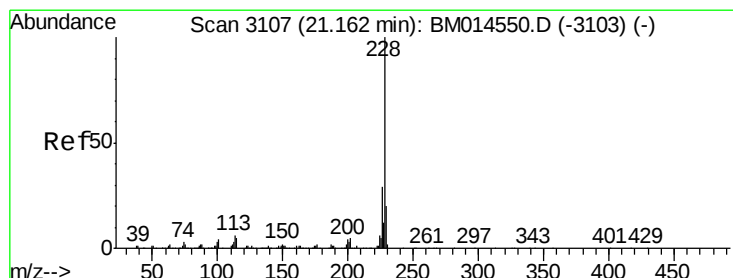
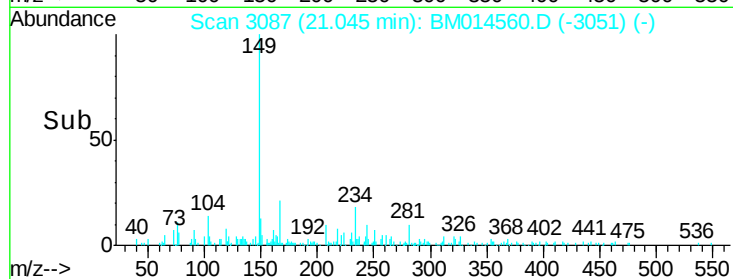
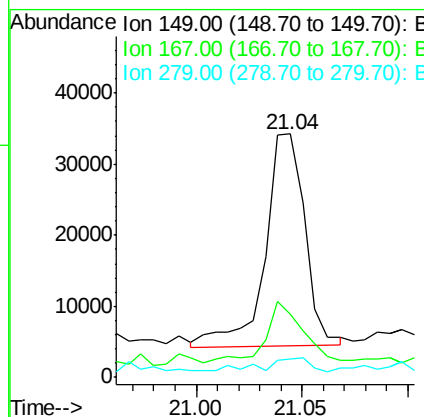
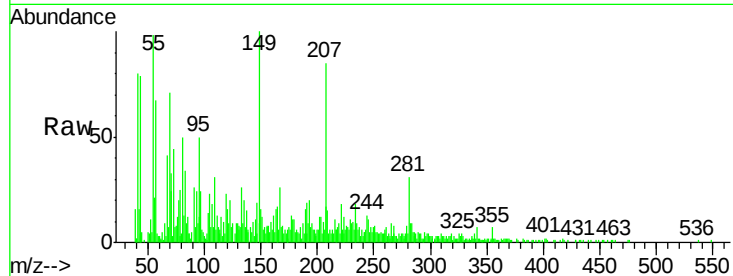
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 3.077 ng/ul
 RT: 21.04 min Scan# 3087
 Delta R.T. 0.01 min
 Lab File: BM014560.D
 Acq: 14 Mar 2018 01:29

Instrument :
 BNA_M
 ClientSampleId :
 F6F21

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	22.8	34.2
279	7.5	4.9	7.3

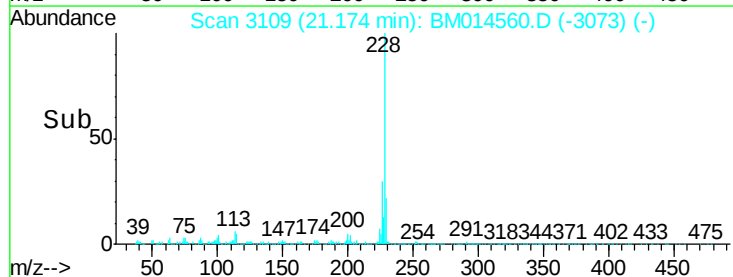
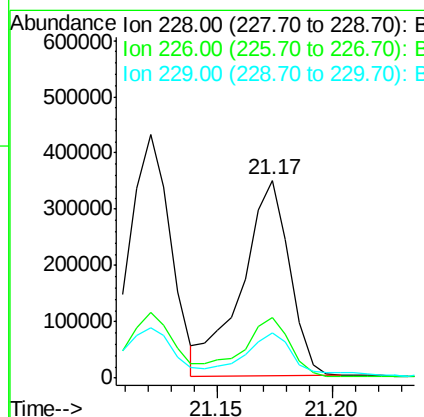
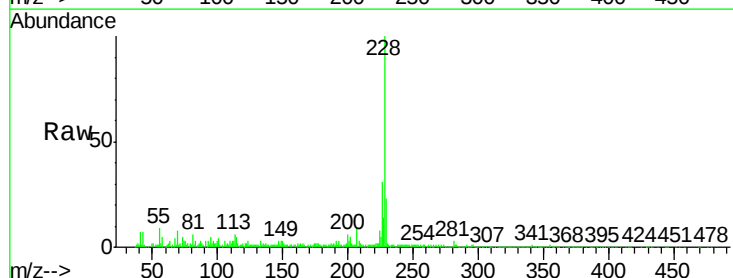
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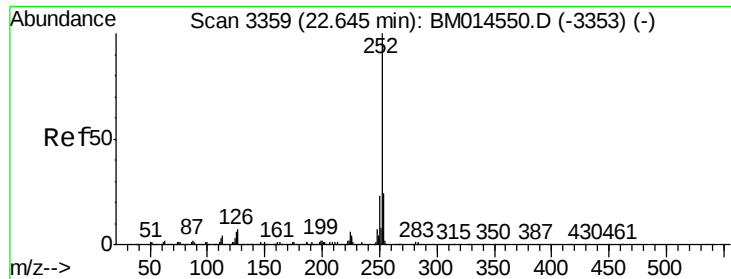
Sohil
 3/14/2018 1:36:13 PM



#82
 Chrysene
 Concen: 26.403 ng/ul
 RT: 21.17 min Scan# 3109
 Delta R.T. 0.01 min
 Lab File: BM014560.D
 Acq: 14 Mar 2018 01:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	22.8	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 35.363 ng/u1

RT: 22.67 min Scan# 3363

Delta R.T. 0.02 min

Lab File: BM014560.D

Acq: 14 Mar 2018 01:29

Instrument :

BNA_M

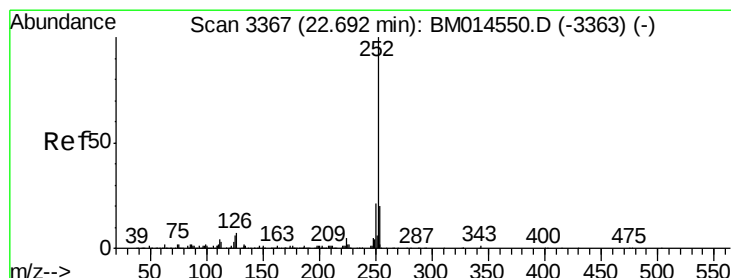
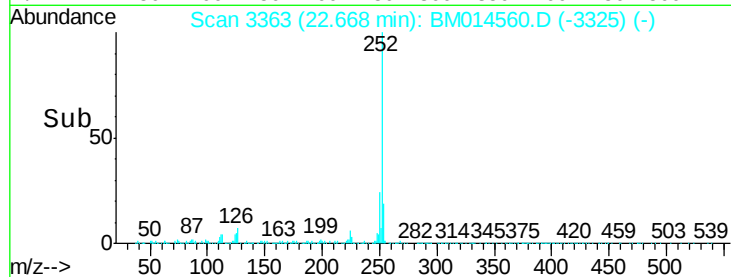
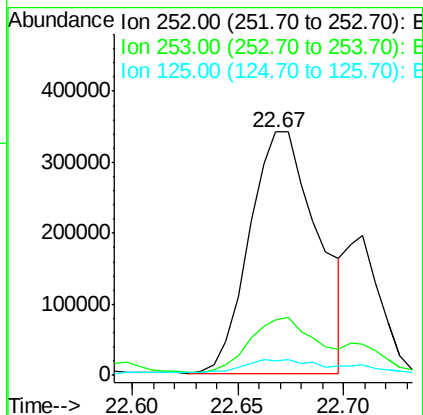
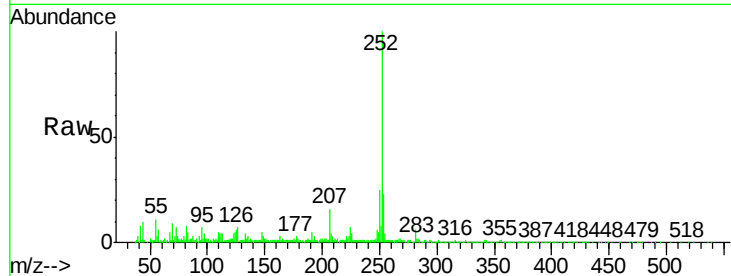
ClientSampled :

F6F21

Tot Ion:	252	Resp:	767654
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.9	26.9
125	6.0	3.6	5.4#

Manual Integrations
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#86

Benzo(k)fluoranthene

Concen: 10.311 ng/u1

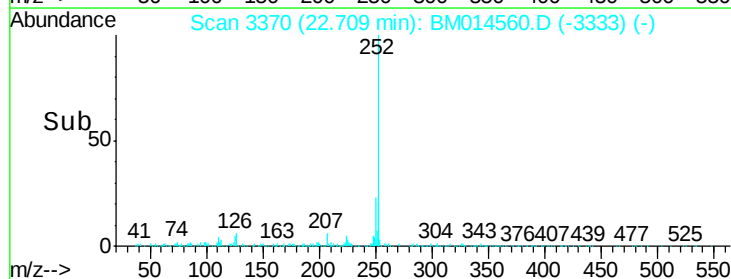
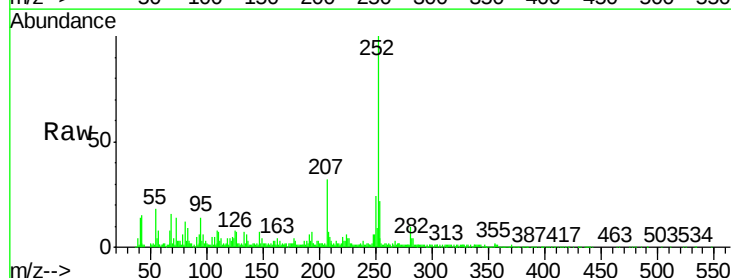
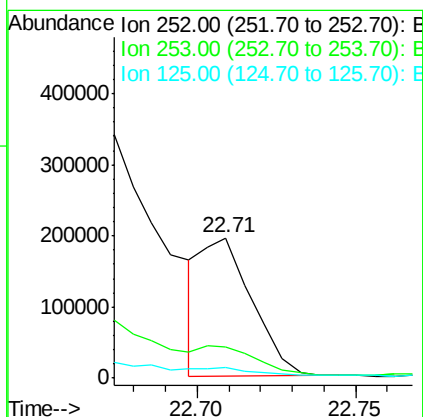
RT: 22.71 min Scan# 3370

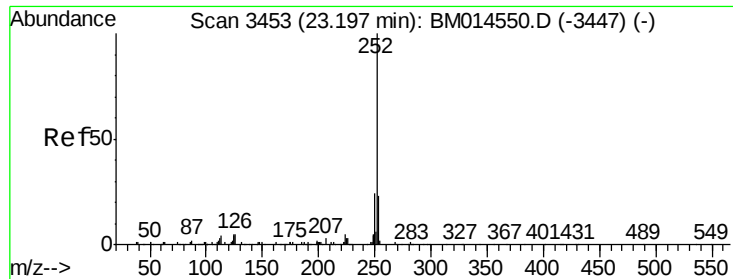
Delta R.T. 0.02 min

Lab File: BM014560.D

Acq: 14 Mar 2018 01:29

Tgt Ion:	252	Resp:	212819
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.1	25.7
125	7.6	3.4	5.2#





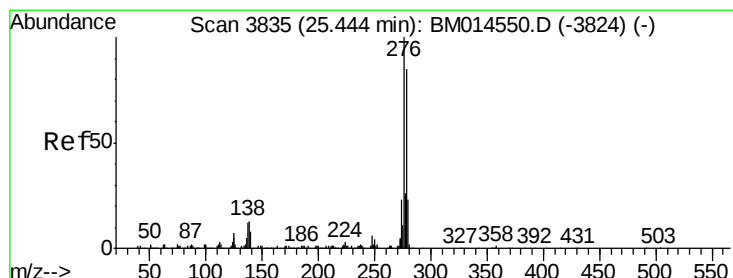
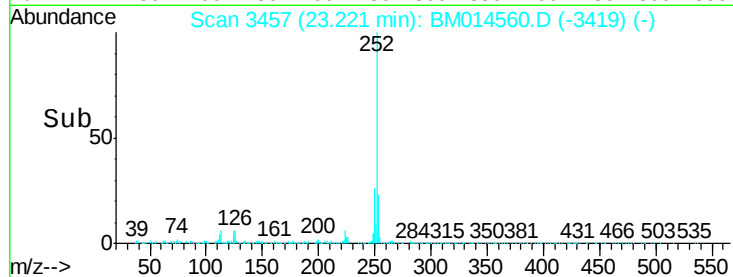
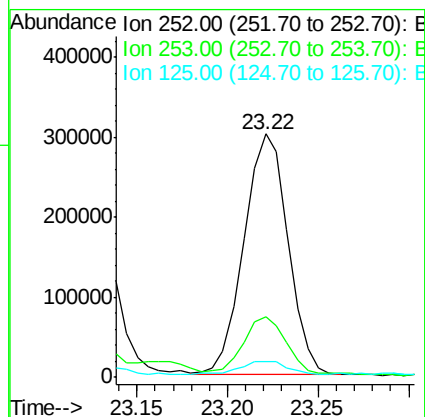
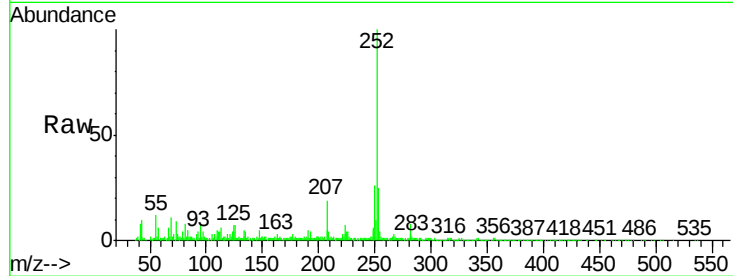
#88
Benzo(a)pyrene
Concen: 26.170 ng/ul
RT: 23.22 min Scan# 3457
Delta R.T. 0.02 min
Lab File: BM014560.D
Acq: 14 Mar 2018 01:29

Instrument :
BNA_M
ClientSampleId :
F6F21

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.7	18.2	27.2
125	6.6	4.0	6.0

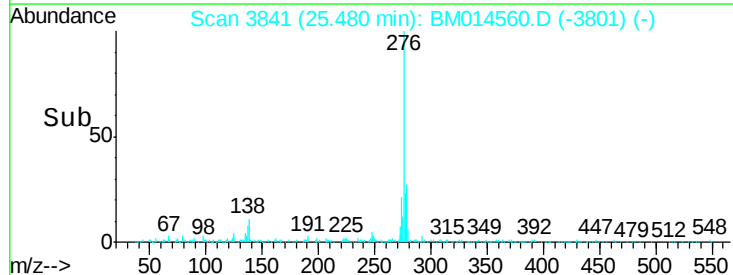
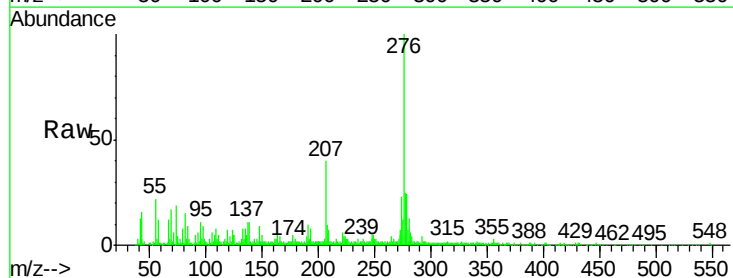
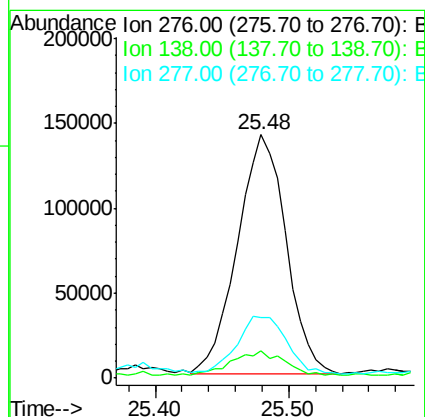
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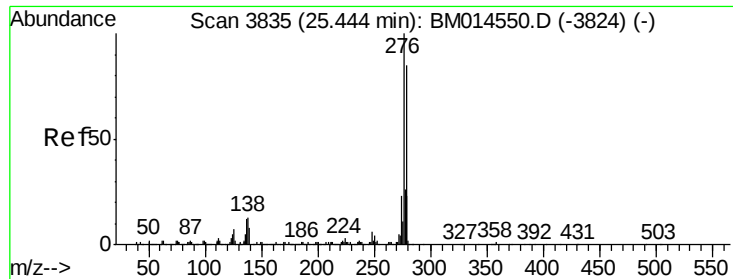
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#89
Indeno(1,2,3-cd)pyrene
Concen: 18.985 ng/ul
RT: 25.48 min Scan# 3841
Delta R.T. 0.04 min
Lab File: BM014560.D
Acq: 14 Mar 2018 01:29

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	11.4	9.3	13.9
277	24.7	19.9	29.9





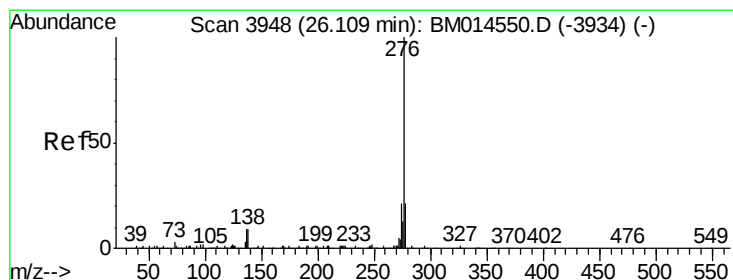
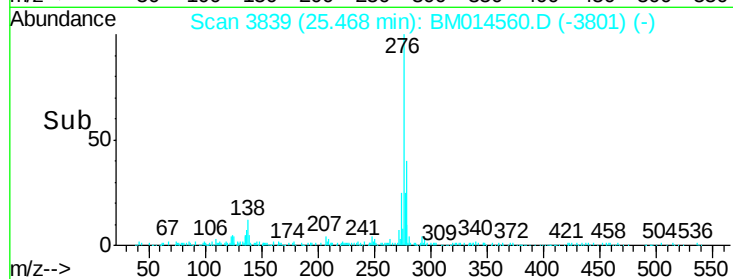
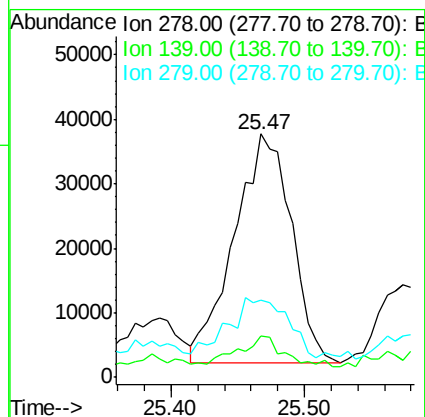
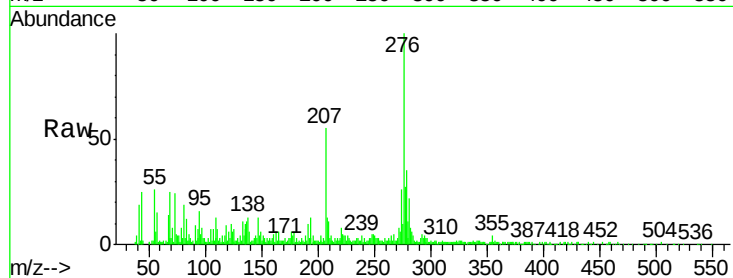
#90
Dibenzo(a,h)anthracene
Concen: 6.732 ng/u1
RT: 25.47 min Scan# 3839
Delta R.T. 0.02 min
Lab File: BM014560.D
Acq: 14 Mar 2018 01:29

Instrument :
BNA_M
ClientSampled :
F6F21

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	5.8	8.8#
279	31.6	18.6	27.8#

Manual Integrations
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3/14/2018 1:36:13 PM



#91
Benzo(g,h,i)perylene
Concen: 20.690 ng/u1
RT: 26.15 min Scan# 3955
Delta R.T. 0.04 min
Lab File: BM014560.D
Acq: 14 Mar 2018 01:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.3	8.5	12.7
277	28.2	18.6	28.0#

