

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
 Data File : BM014559.D
 Acq On : 14 Mar 2018 00:53
 Operator : SJ/JU
 Sample : J1813-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F20

Manual Integrations
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Sohil
 3/14/2018 1:36:11 PM

Quant Time: Mar 14 03:48:34 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	89659	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	394551	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.15	164	230625	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.91	188	504616	20.00	ng/ul	0.00
75) Chrysene-d12	21.13	240	391142	20.00	ng/ul	0.00
83) Perylene-d12	23.31	264	346358	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	6717	3.21	ng/uL	0.00
5) Phenol-d5	6.70	99	220625	29.12	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	135559	29.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	183983	31.66	ng/ul	0.01
13) 4-Methylphenol-d8	8.22	113	190260	28.69	ng/ul	0.01
19) Nitrobenzene-d5	8.65	128	100947	34.62	ng/ul	0.01
22) 2-Nitrophenol-d4	9.36	143	107500	35.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	207502	33.20	ng/ul	0.01
29) 4-Chloroaniline-d4	10.42	131	141697m	23.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	690425	36.25	ng/ul	0.00
46) Acenaphthylene-d8	13.83	160	830027	35.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	85744m	32.61	ng/ul	0.00
57) Fluorene-d10	15.15	176	568616	33.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	24713	8.16	ng/ul	0.00
70) Anthracene-d10	17.02	188	861174	35.37	ng/ul	0.01
76) Pyrene-d10	19.33	212	848519	42.06	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.17	264	591287m	35.08	ng/ul	0.02

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.62	163	85917	4.575	ng/ul	97
49) Acenaphthene	14.21	153	22862	1.463	ng/ul	89
69) Phenanthrene	16.96	178	243238	8.366	ng/ul	99
71) Anthracene	17.04	178	59092m	2.021	ng/ul	
72) Carbazole	17.34	167	38113	1.550	ng/ul#	94
74) Fluoranthene	18.99	202	458883	13.211	ng/ul	98
77) Pyrene	19.36	202	379481	14.599	ng/ul#	98
80) Benzo(a)anthracene	21.12	228	205175	8.405	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.04	149	31523	2.048	ng/ul	94
82) Chrysene	21.17	228	210090	9.226	ng/ul	98
85) Benzo(b)fluoranthene	22.67	252	289253	12.472	ng/ul#	93
86) Benzo(k)fluoranthene	22.70	252	96219	4.364	ng/ul#	91
88) Benzo(a)pyrene	23.22	252	185948	8.973	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	25.47	276	144472	7.184	ng/ul	97
90) Dibenzo(a,h)anthracene	25.48	278	38706m	2.316	ng/ul	
91) Benzo(g,h,i)perylene	26.14	276	121967	7.487	ng/ul#	83

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

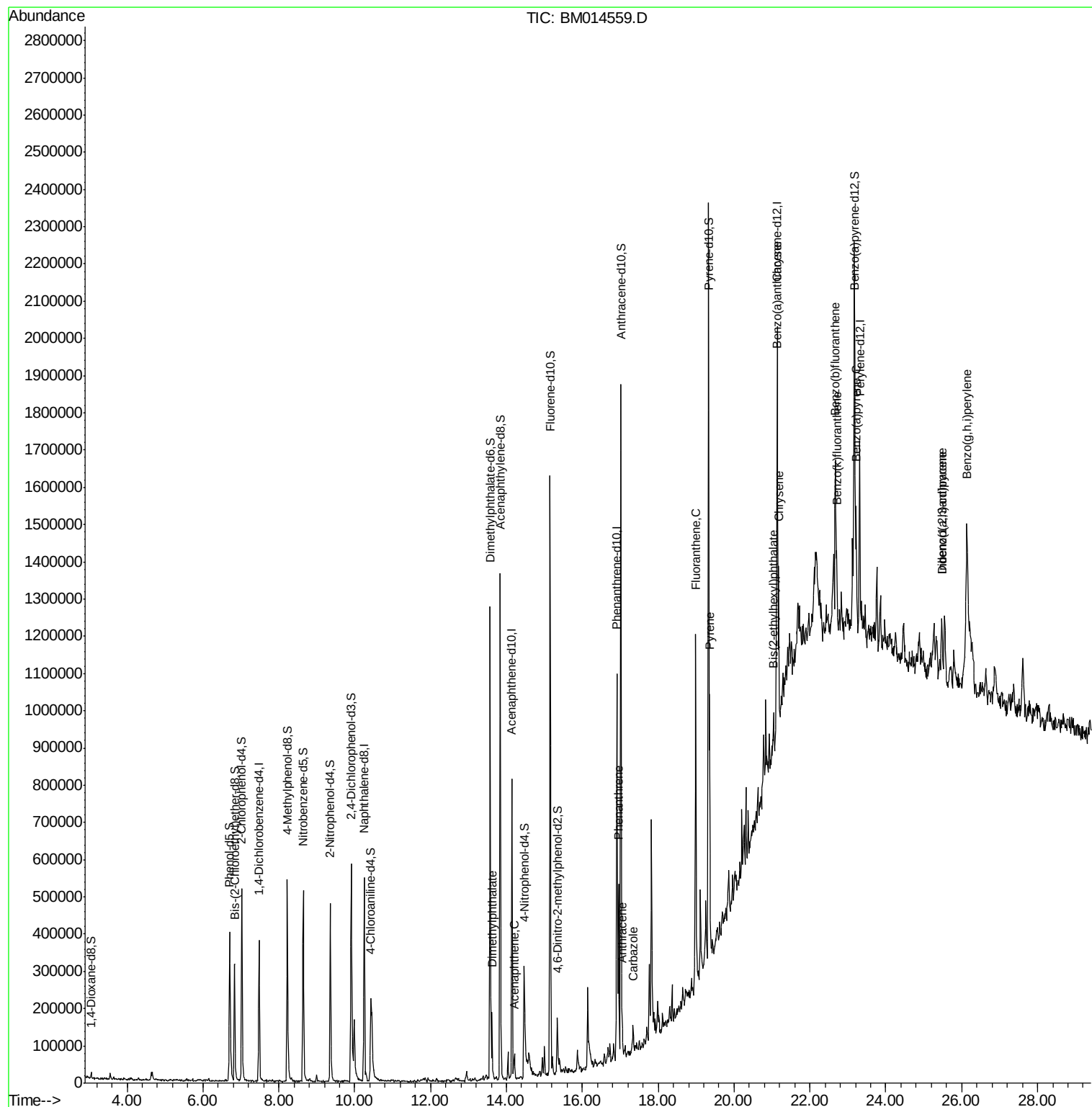
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014559.D
Acq On : 14 Mar 2018 00:53
Operator : SJ/JU
Sample : J1813-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

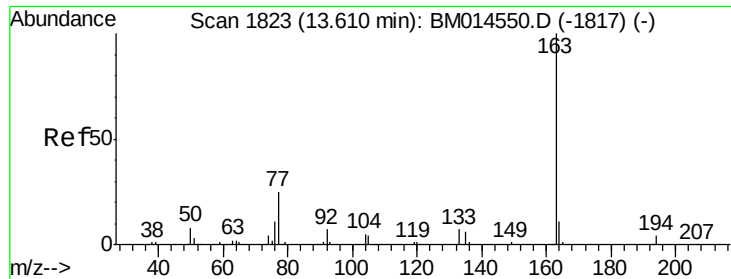
Instrument :
BNA_M
ClientSampleId :
F6F20

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Quant Time: Mar 14 03:48:34 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
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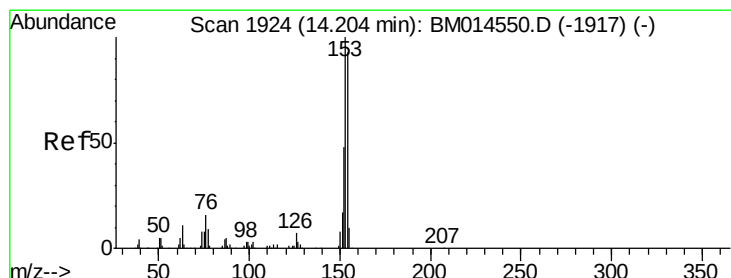
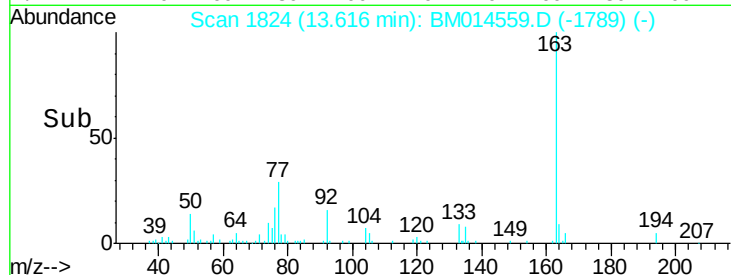
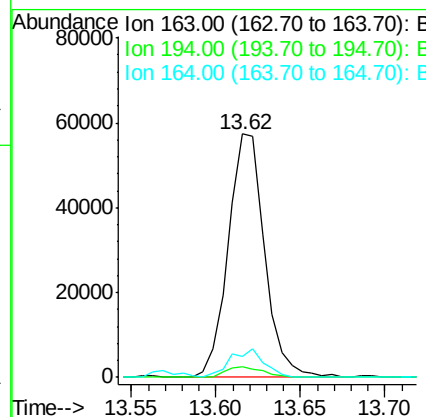
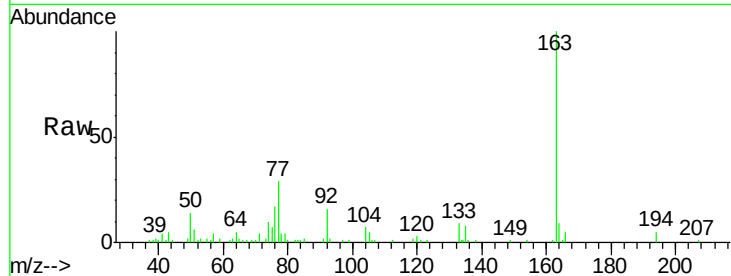
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Dimethylphthalate
Concen: 4.575 ng/ul
RT: 13.62 min Scan# 1824
Delta R.T. 0.01 min
Lab File: BM014559.D
Acq: 14 Mar 2018 00:53

Instrument :
BNA_M
ClientSampleId :
F6F20

Tot Ion	Ratio	Resp	Lower	Upper
163	100	85917		
194	4.6		3.5	5.3
164	8.6		8.2	12.4

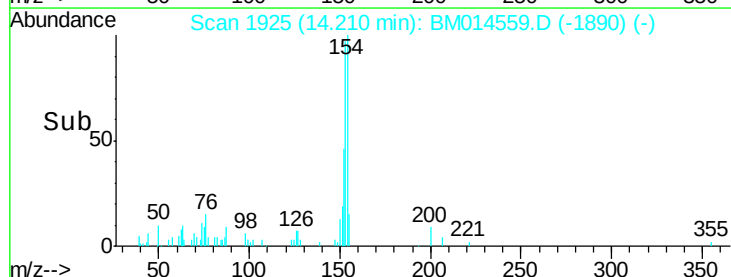
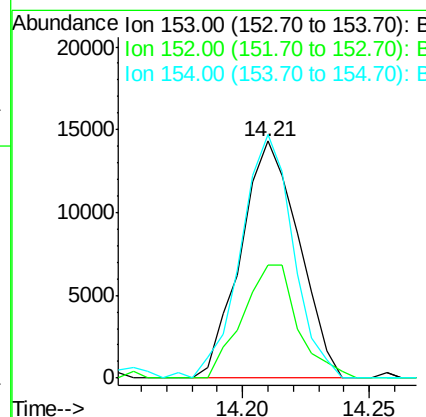
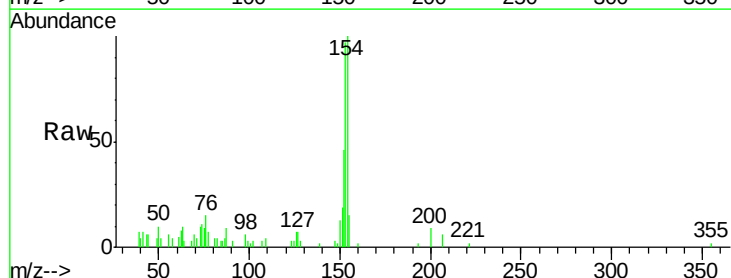
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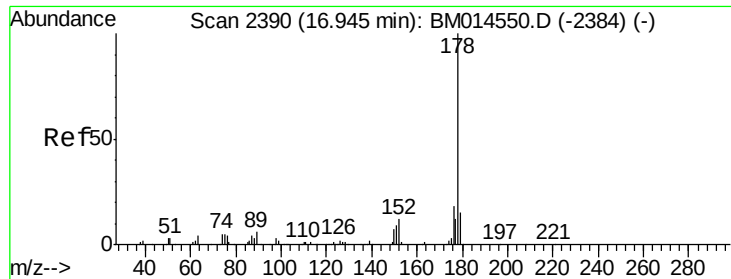
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#49
Acenaphthene
Concen: 1.463 ng/ul
RT: 14.21 min Scan# 1925
Delta R.T. 0.01 min
Lab File: BM014559.D
Acq: 14 Mar 2018 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	22862		
152	47.5		37.6	56.4
154	102.8		70.4	105.6





#69

Phenanthrene

Concen: 8.366 ng/ul

RT: 16.96 min Scan# 2392

Delta R.T. 0.01 min

Lab File: BM014559.D

Acq: 14 Mar 2018 00:53

Instrument :

BNA_M

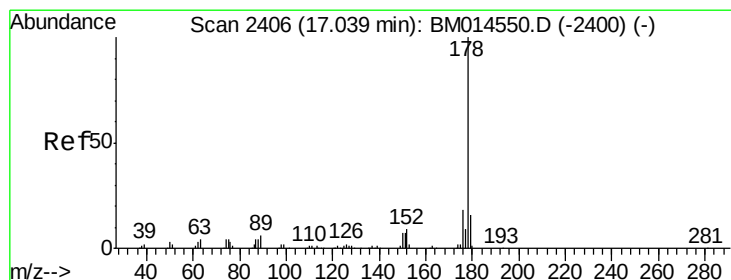
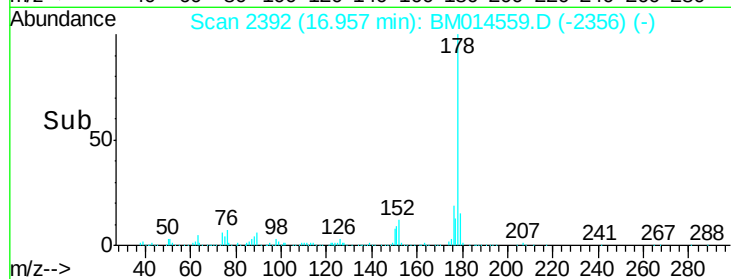
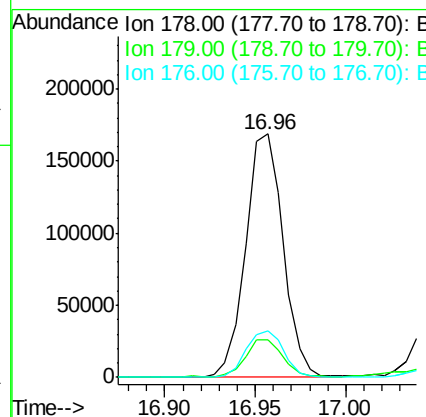
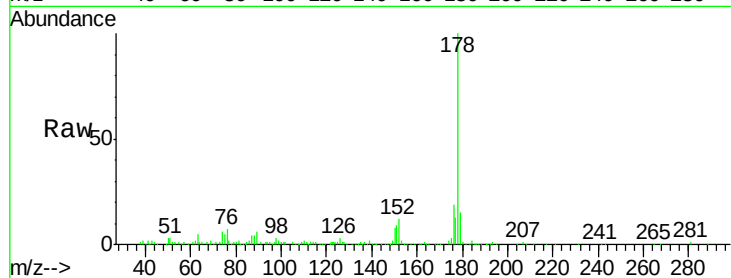
ClientSampleId :

F6F20

Tot Ion:	178	Resp:	243238
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.6	19.0
176	18.8	14.9	22.3

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#71

Anthracene

Concen: 2.021 ng/ul

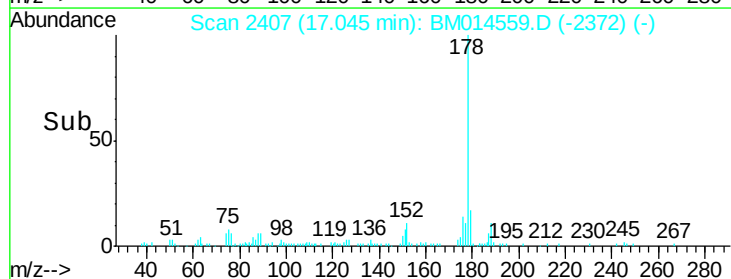
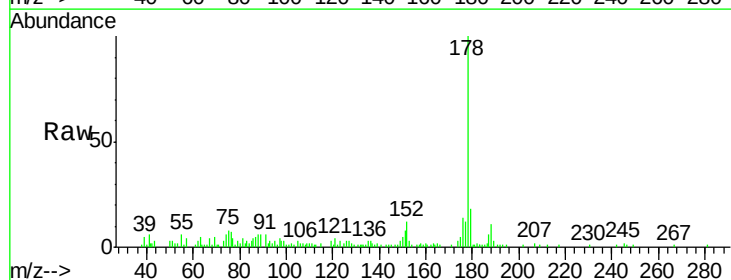
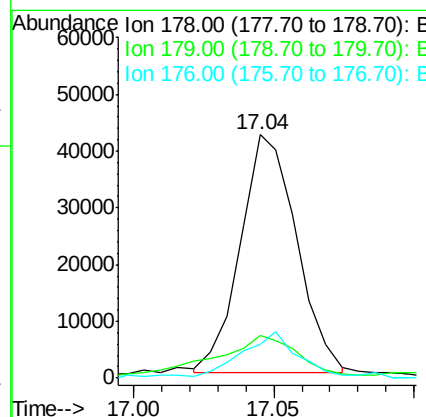
RT: 17.04 min Scan# 2407

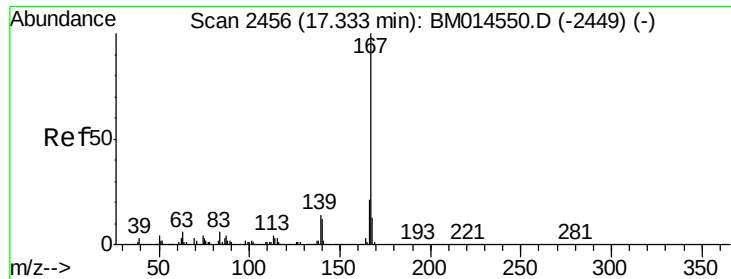
Delta R.T. 0.01 min

Lab File: BM014559.D

Acq: 14 Mar 2018 00:53

Tgt Ion:	178	Resp:	59092
Ion Ratio	Lower	Upper	
178	100		
179	17.6	11.7	17.5#
176	14.0	14.6	21.8#





#72

Carbazole

Concen: 1.550 ng/ul

RT: 17.34 min Scan# 2457

Delta R.T. 0.01 min

Lab File: BM014559.D

Acq: 14 Mar 2018 00:53

Instrument :

BNA_M

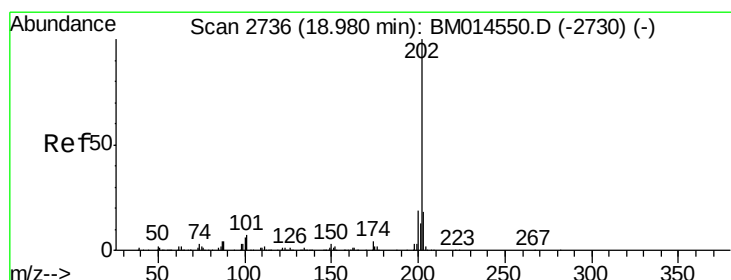
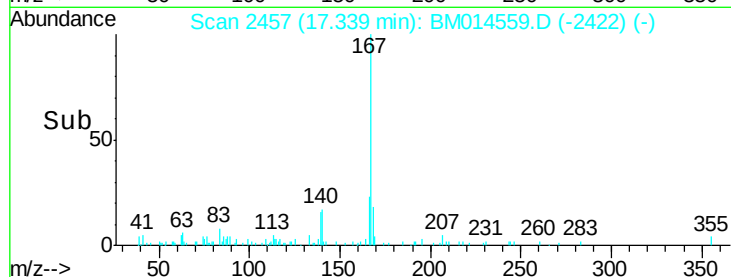
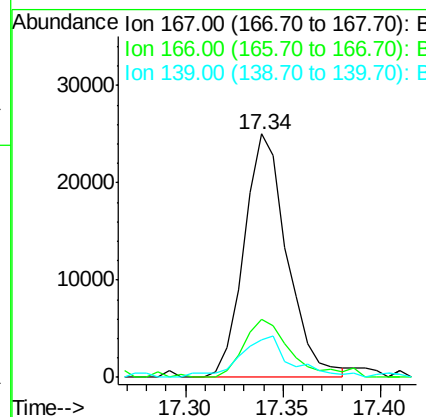
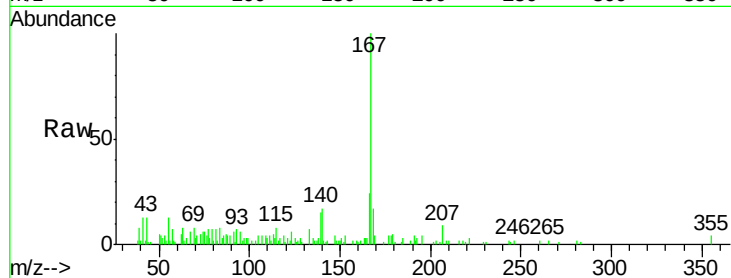
ClientSampleId :

F6F20

Tot Ion:	167	Resp:	38113
Ion Ratio	Lower	Upper	
167	100		
166	23.8	17.1	25.7
139	15.5	10.0	15.0#

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#74

Fluoranthene

Concen: 13.211 ng/ul

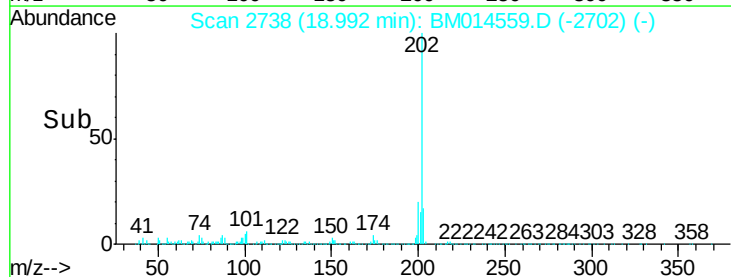
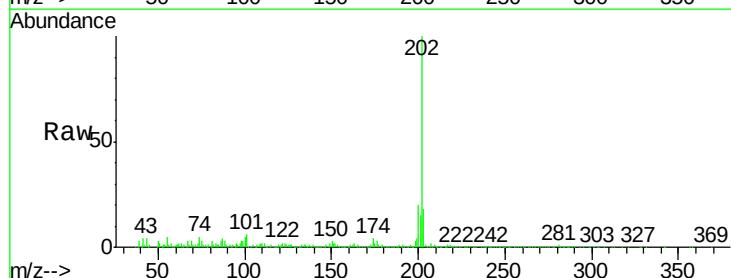
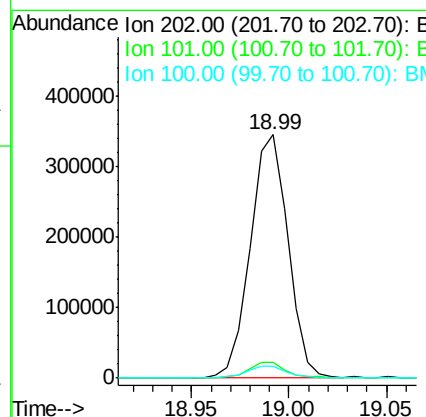
RT: 18.99 min Scan# 2738

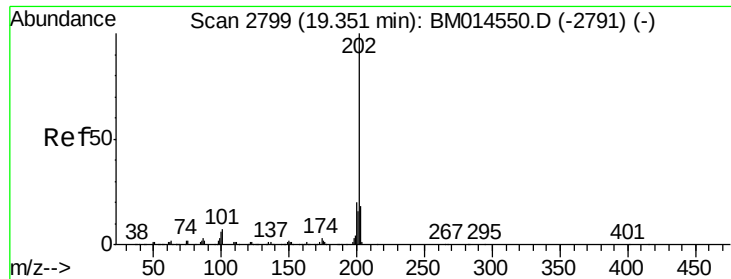
Delta R.T. 0.01 min

Lab File: BM014559.D

Acq: 14 Mar 2018 00:53

Tgt Ion:	202	Resp:	458883
Ion Ratio	Lower	Upper	
202	100		
101	6.3	4.6	7.0
100	5.0	3.4	5.2





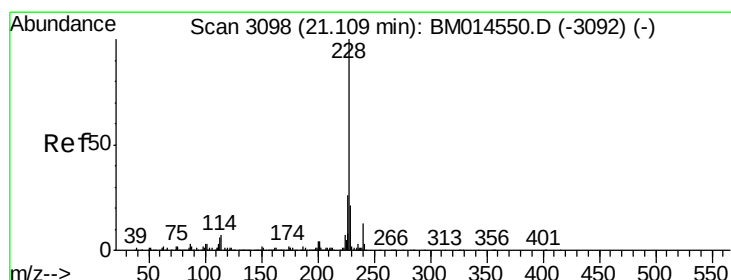
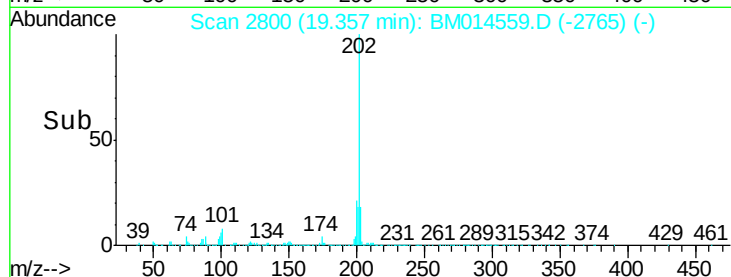
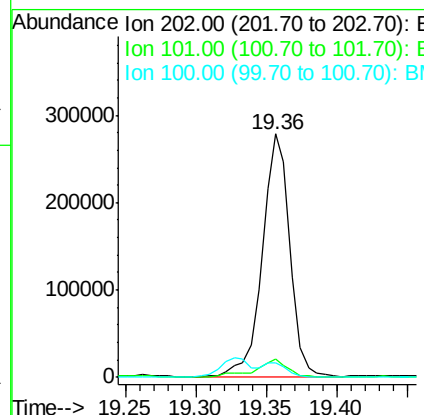
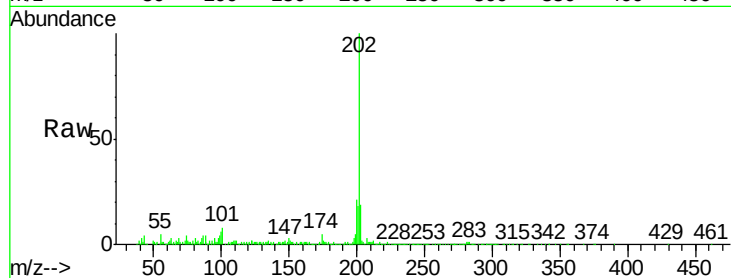
#77
 Pvrene
 Concen: 14.599 ng/ul
 RT: 19.36 min Scan# 2800
 Delta R.T. 0.01 min
 Lab File: BM014559.D
 Acq: 14 Mar 2018 00:53

Instrument :
 BNA_M
 ClientSampleId :
 F6F20

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.8	5.1	7.7#
100	6.2	4.9	7.3

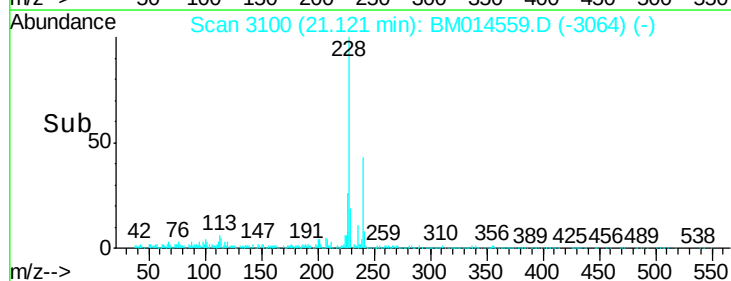
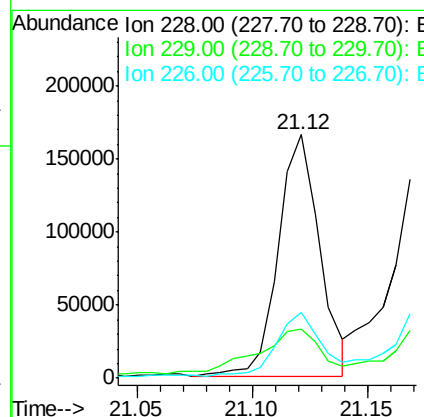
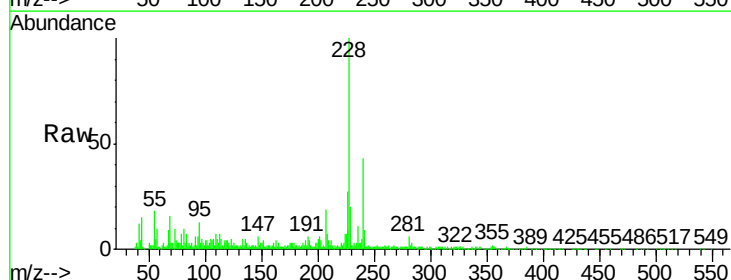
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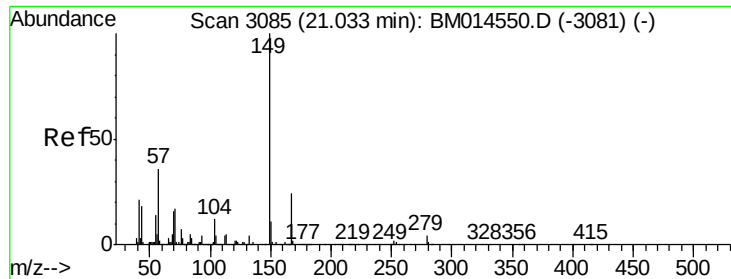
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#80
 Benzo(a)anthracene
 Concen: 8.405 ng/ul
 RT: 21.12 min Scan# 3100
 Delta R.T. 0.01 min
 Lab File: BM014559.D
 Acq: 14 Mar 2018 00:53

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.9	15.4	23.0
226	26.8	21.4	32.0





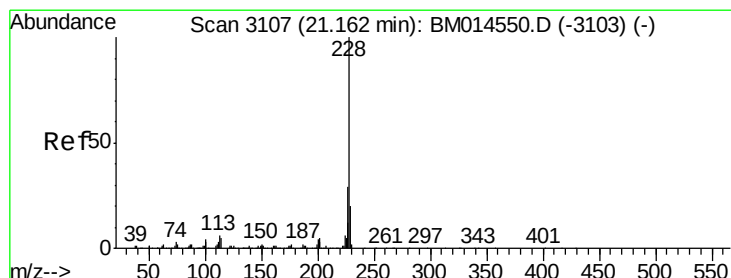
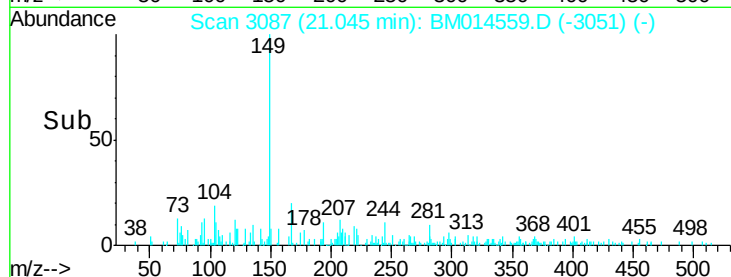
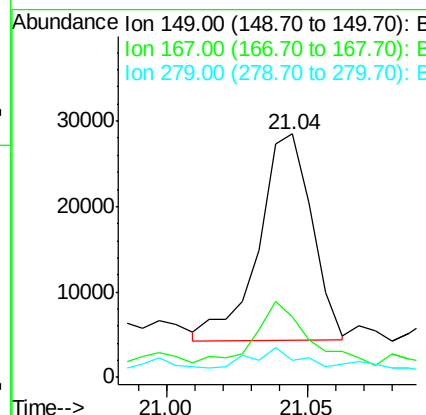
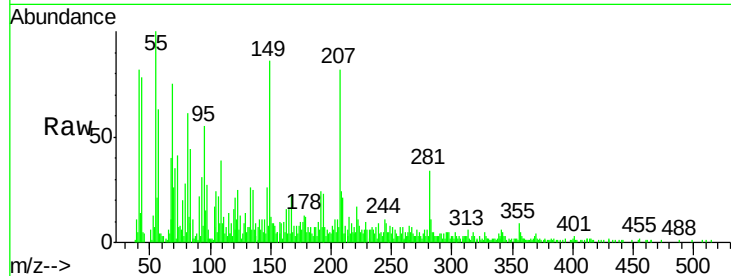
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 Bis(2-ethylhexyl)phthalate
 Concen: 2.048 ng/ul
 RT: 21.04 min Scan# 3087
 Delta R.T. 0.01 min
 Lab File: BM014559.D
 Acq: 14 Mar 2018 00:53

Instrument :
 BNA_M
 ClientSampleId :
 F6F20

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.0	22.8	34.2
279	7.1	4.9	7.3

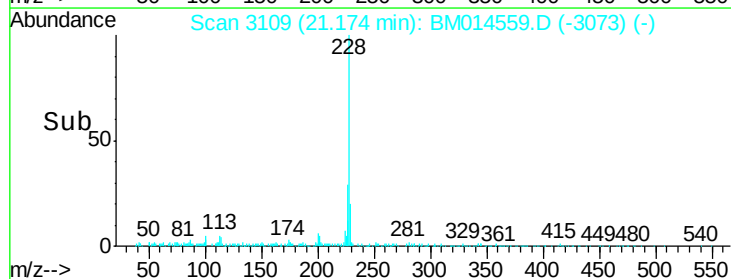
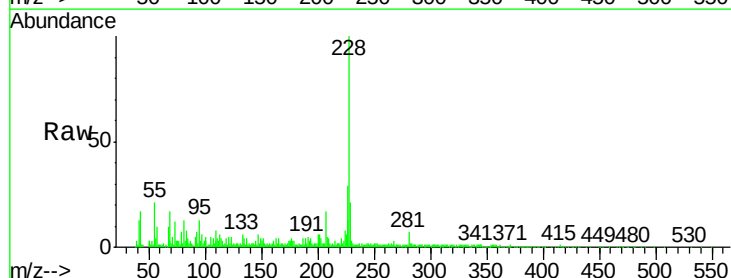
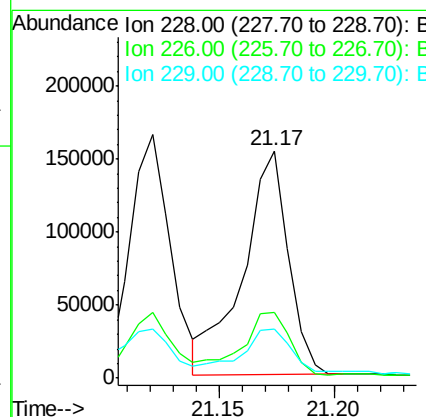
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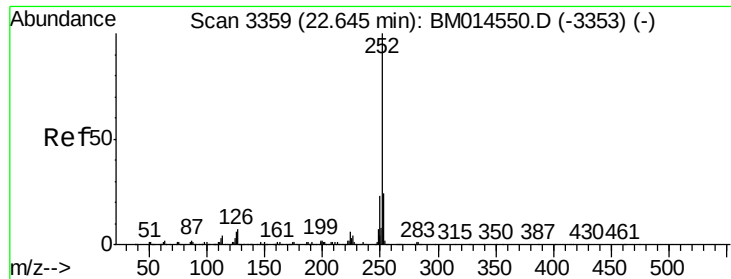
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#82
 Chrysene
 Concen: 9.226 ng/ul
 RT: 21.17 min Scan# 3109
 Delta R.T. 0.01 min
 Lab File: BM014559.D
 Acq: 14 Mar 2018 00:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	21.4	15.5	23.3





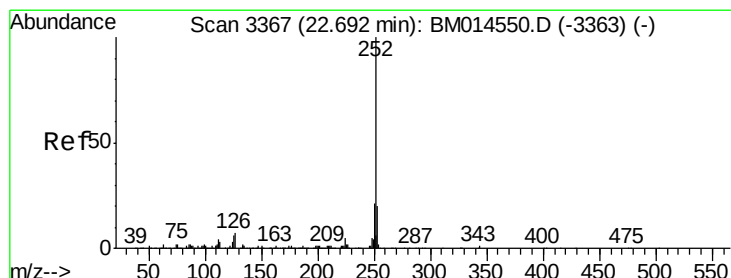
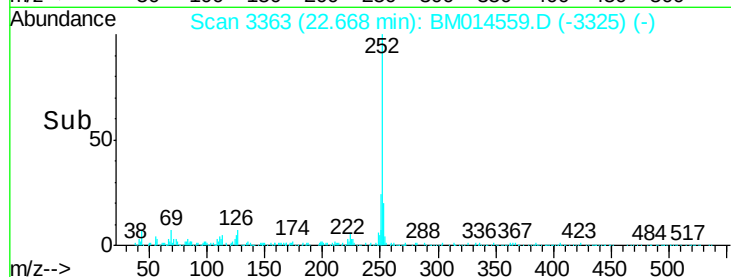
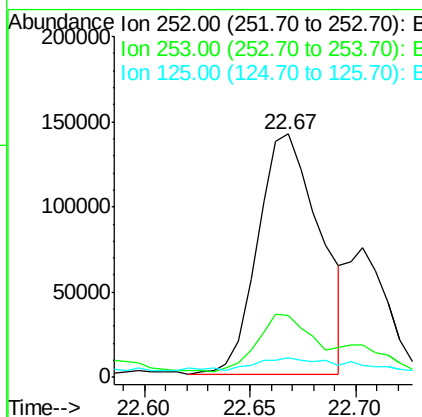
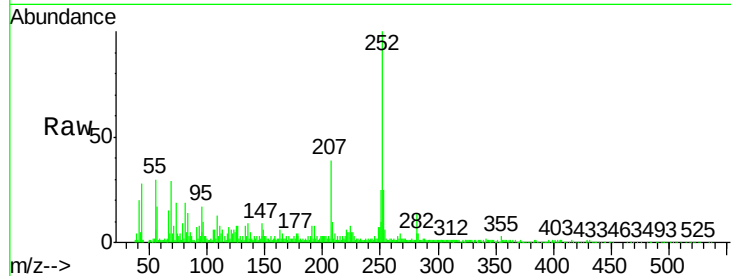
#85
Benzo(b)fluoranthene
Concen: 12.472 ng/ul
RT: 22.67 min Scan# 3363
Delta R.T. 0.02 min
Lab File: BM014559.D
Acq: 14 Mar 2018 00:53

Instrument :
BNA_M
ClientSampleId :
F6F20

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.9	26.9
125	8.3	3.6	5.4

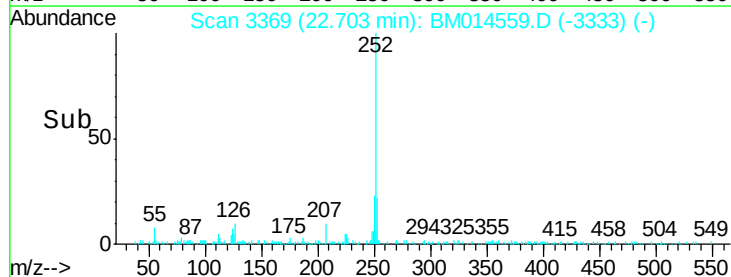
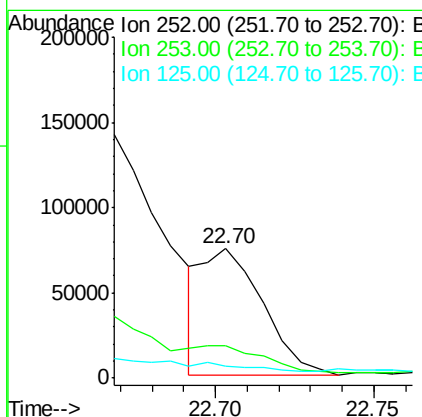
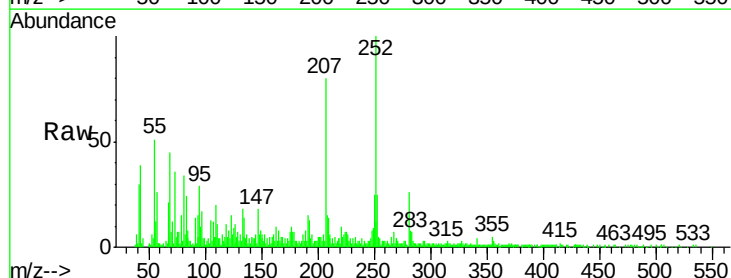
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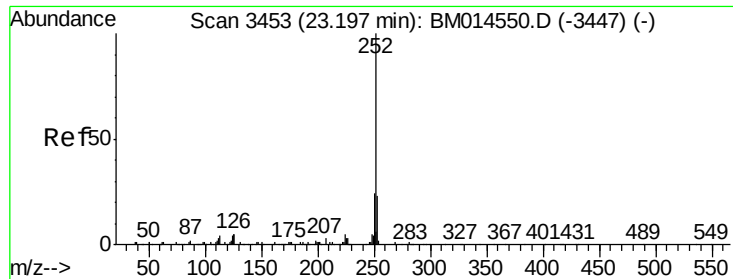
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#86
Benzo(k)fluoranthene
Concen: 4.364 ng/ul
RT: 22.70 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BM014559.D
Acq: 14 Mar 2018 00:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	8.8	3.4	5.2





#88

Benzo(a)pyrene

Concen: 8.973 ng/ul

RT: 23.22 min Scan# 3457

Delta R.T. 0.02 min

Lab File: BM014559.D

Acq: 14 Mar 2018 00:53

Instrument :

BNA_M

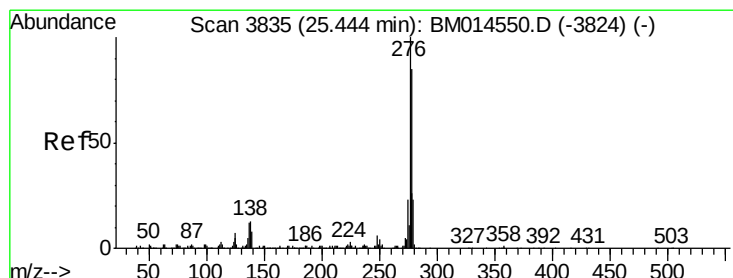
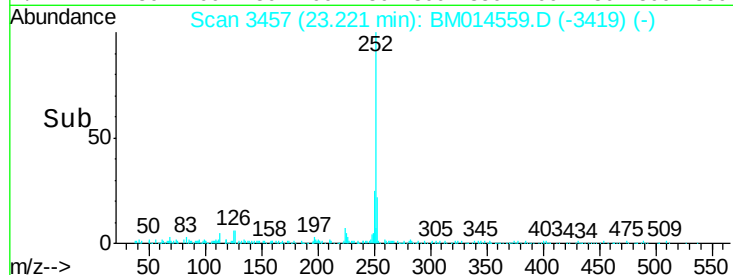
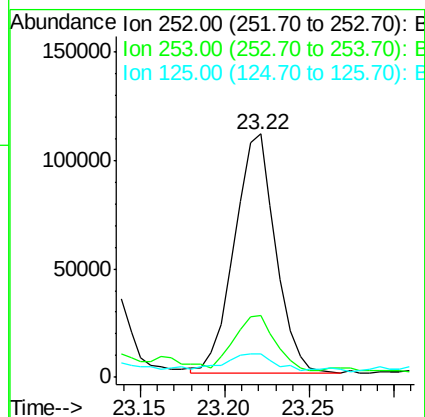
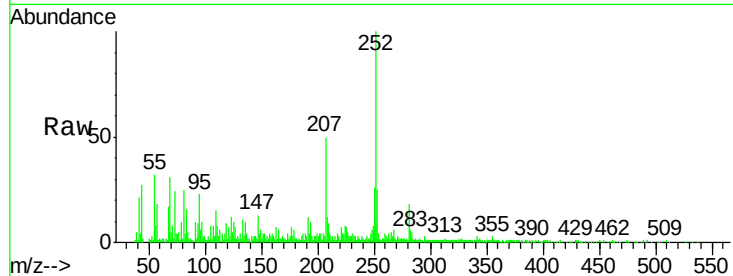
ClientSampled :

F6F20

Tot Ion:	252	Resp:	185948
Ion Ratio	Lower	Upper	
252	100		
253	25.4	18.2	27.2
125	9.9	4.0	6.0#

Manual Integrations
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3/14/2018 1:36:11 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 7.184 ng/ul

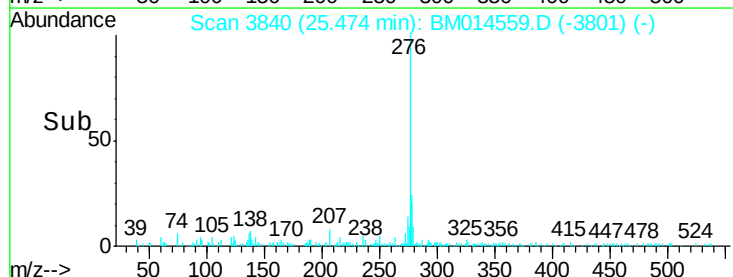
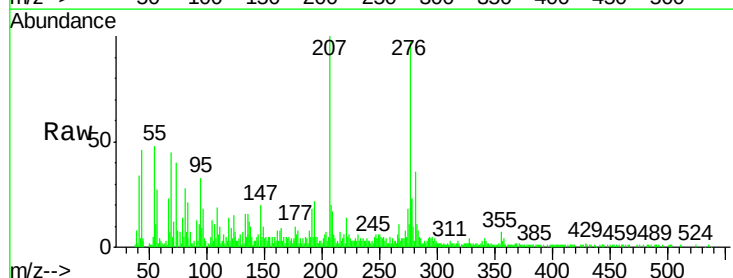
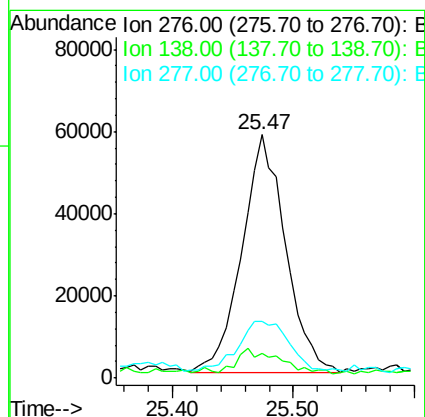
RT: 25.47 min Scan# 3840

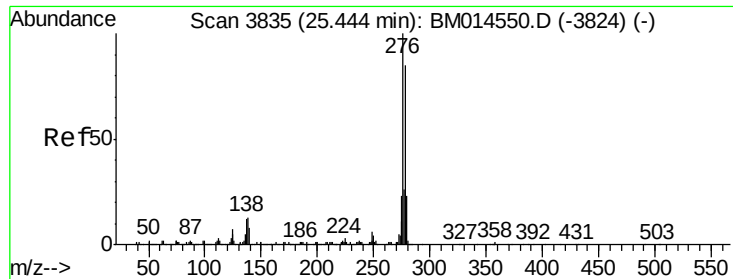
Delta R.T. 0.03 min

Lab File: BM014559.D

Acq: 14 Mar 2018 00:53

Tgt Ion:	276	Resp:	144472
Ion Ratio	Lower	Upper	
276	100		
138	10.0	9.3	13.9
277	23.4	19.9	29.9





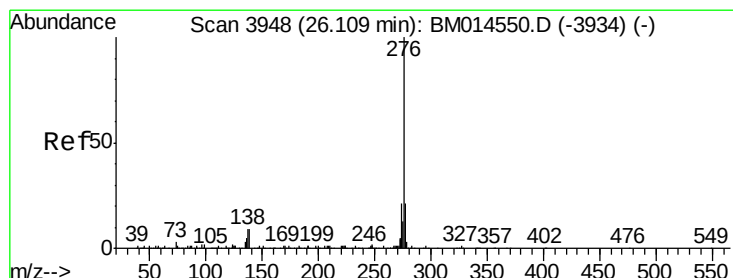
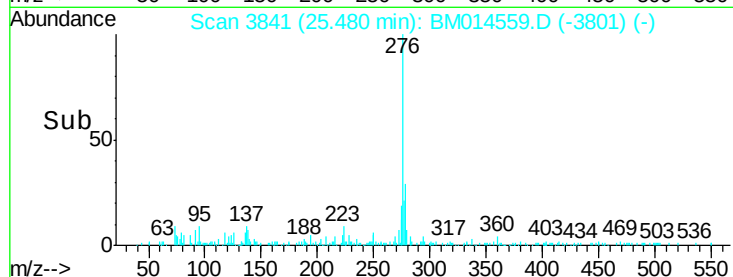
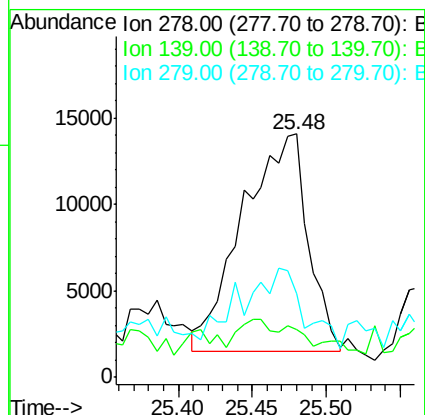
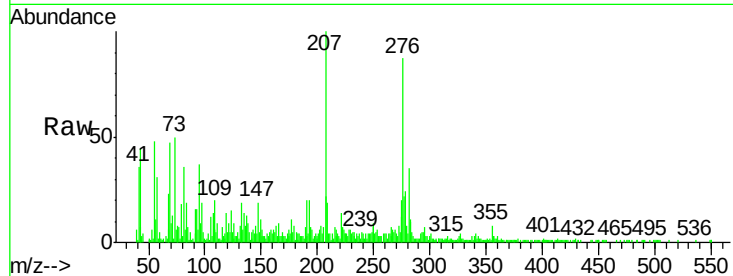
#90
Dibenzo(a,h)anthracene
Concen: 2.316 ng/ul m
RT: 25.48 min Scan# 3841
Delta R.T. 0.04 min
Lab File: BM014559.D
Acq: 14 Mar 2018 00:53

Instrument :
BNA_M
ClientSampleId :
F6F20

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.7	5.8	8.8#
279	34.3	18.6	27.8#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 7.487 ng/ul
RT: 26.14 min Scan# 3953
Delta R.T. 0.03 min
Lab File: BM014559.D
Acq: 14 Mar 2018 00:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.9	8.5	12.7#
277	32.2	18.6	28.0#

