

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013991.D
 Acq On : 30 Jan 2018 11:03
 Operator : SJ/JU
 Sample : J1243-07DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B30DL

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:35:10 PM

Quant Time: Jan 30 12:54:57 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 07:49:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	110032	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	428176	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	267855	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	649662	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	813146	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	788736	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3108	1.12	ng/uL	0.00
5) Phenol-d5	6.76	99	41305	4.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	28473m	5.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	36334	5.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	35864	5.52	ng/ul	0.01
19) Nitrobenzene-d5	8.74	128	18244	5.49	ng/ul	0.01
22) 2-Nitrophenol-d4	9.45	143	18002	5.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	37544	5.54	ng/ul	0.02
29) 4-Chloroaniline-d4	10.51	131	30998m	5.27	ng/ul	0.01
43) Dimethylphthalate-d6	13.64	166	140335	6.36	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	168778	5.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	537	0.15	ng/ul	0.00
57) Fluorene-d10	15.22	176	127199	6.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	12441	3.18	ng/ul	0.02
70) Anthracene-d10	17.07	188	210604	6.66	ng/ul	0.00
76) Pyrene-d10	19.38	212	256907	6.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	252990	6.98	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.39	128	244908	11.497	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	161655	10.179	ng/ul	87
40) 1,1'-Biphenyl	13.05	154	27616	1.239	ng/ul#	79
44) Dimethylphthalate	13.69	163	31325	1.443	ng/ul#	95
49) Acenaphthene	14.29	153	161737	9.067	ng/ul	97
53) Dibenzofuran	14.63	168	396490	14.774	ng/ul	97
58) Fluorene	15.28	166	133436	6.070	ng/ul	97
68) Pentachlorophenol	16.63	266	111091	25.311	ng/ul	97
69) Phenanthrene	17.02	178	1863832	51.612	ng/ul	99
71) Anthracene	17.11	178	698075	18.741	ng/ul	98
72) Carbazole	17.39	167	188262	6.123	ng/ul#	96
73) Di-n-butylphthalate	17.95	149	115240	3.187	ng/ul#	98
74) Fluoranthene	19.04	202	1825103	42.340	ng/ul#	97
77) Pyrene	19.41	202	1285686	26.008	ng/ul	97
80) Benzo(a)anthracene	21.16	228	238151	4.847	ng/ul	98
82) Chrysene	21.22	228	191900	4.257	ng/ul	95
85) Benzo(b)fluoranthene	22.72	252	135800	2.804	ng/ul#	98
88) Benzo(a)pyrene	23.27	252	58570	1.280	ng/ul#	94

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

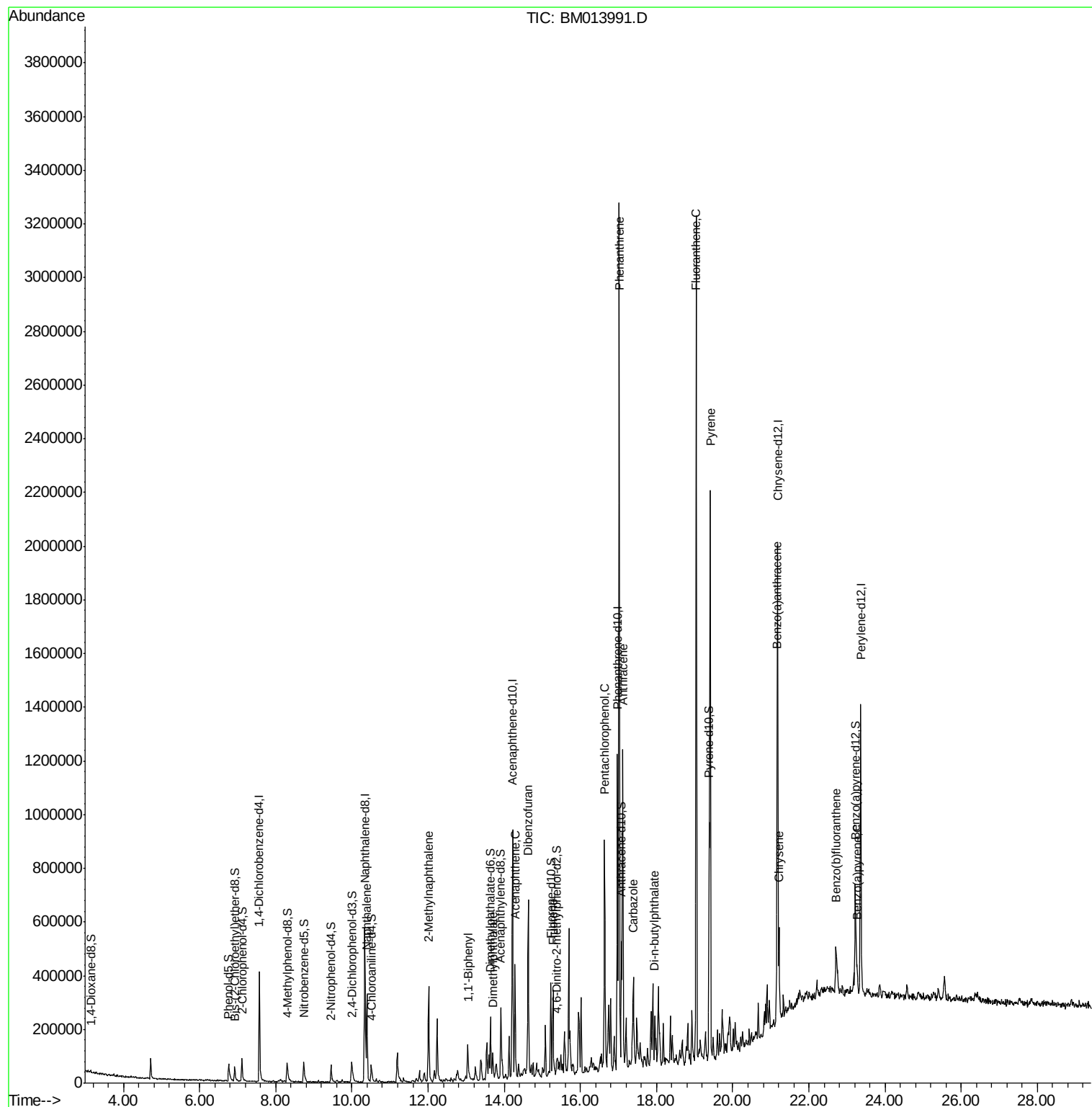
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013991.D
Acq On : 30 Jan 2018 11:03
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Sample : J1243-07DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

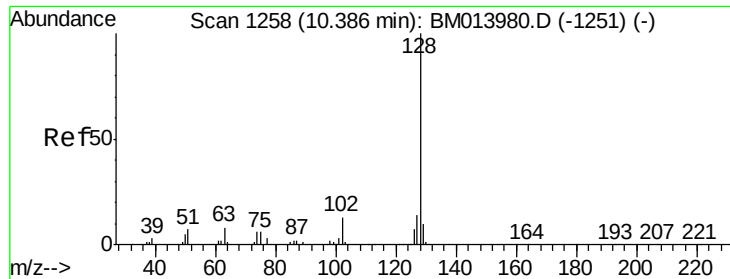
Instrument :
BNA_M
ClientSampleId :
F6B30DL

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Quant Time: Jan 30 12:54:57 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
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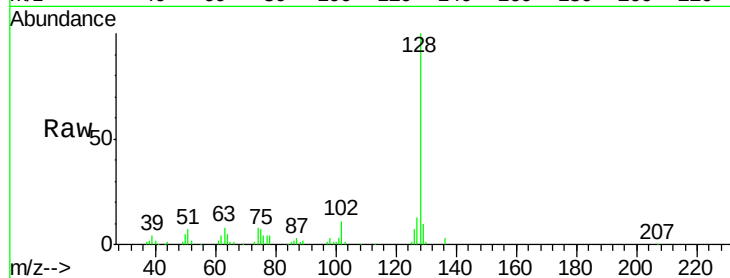
#28
Naphthalene
Concen: 11.497 ng/ul
RT: 10.39 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BM013991.D
Acq: 30 Jan 2018 11:03

Instrument :
BNA_M
ClientSampleId :
F6B30DL

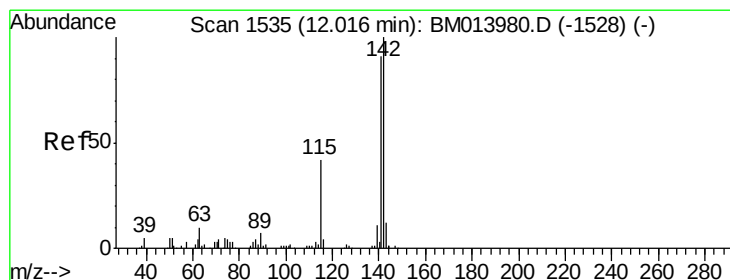
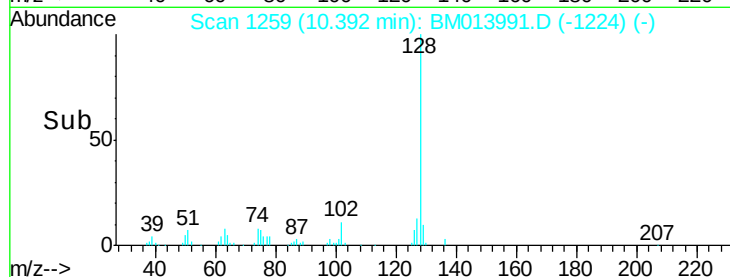
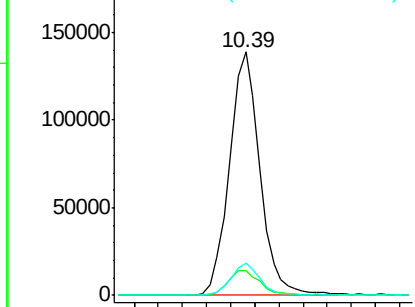
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.8	13.2
127	13.4	10.6	16.0

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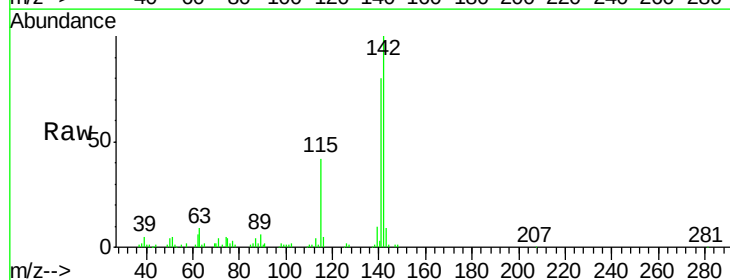


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

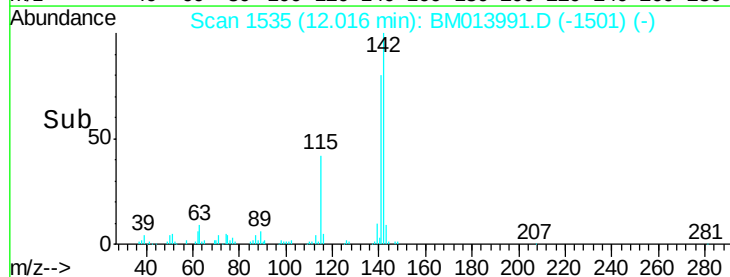
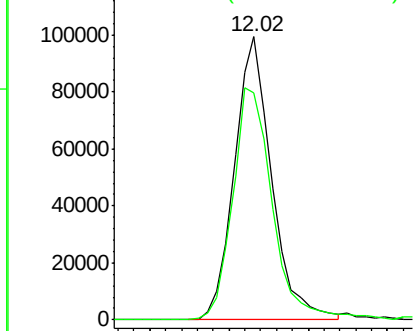


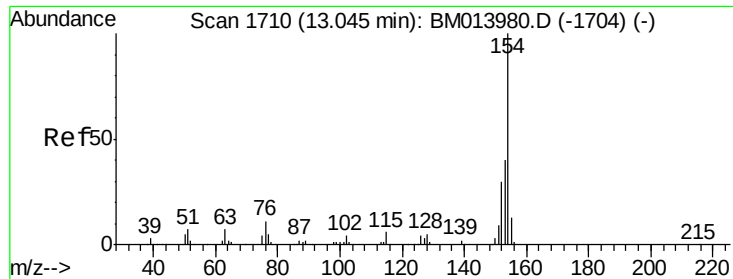
#34
2-Methylnaphthalene
Concen: 10.179 ng/ul
RT: 12.02 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BM013991.D
Acq: 30 Jan 2018 11:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	80.2	74.1	111.1



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





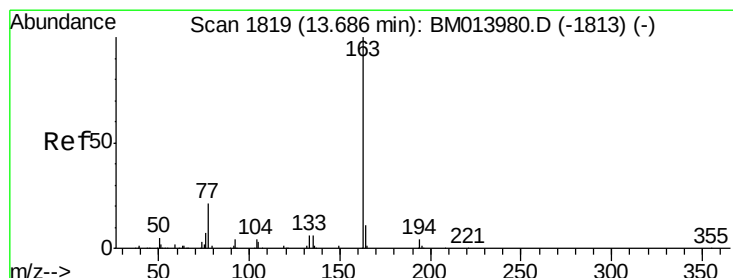
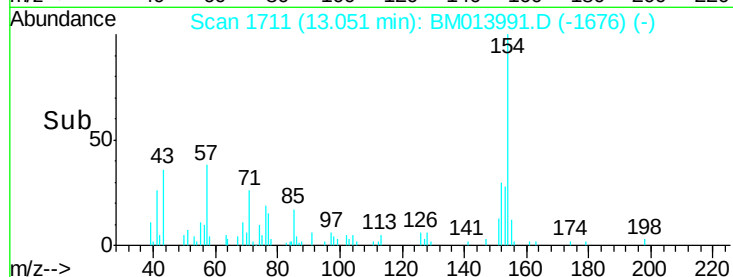
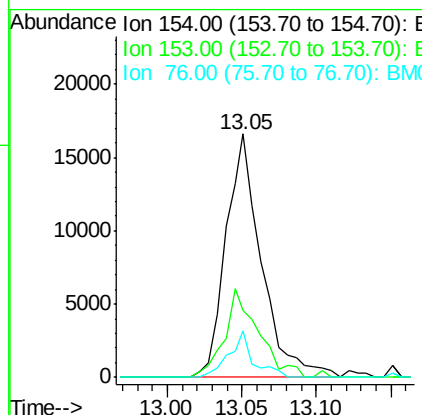
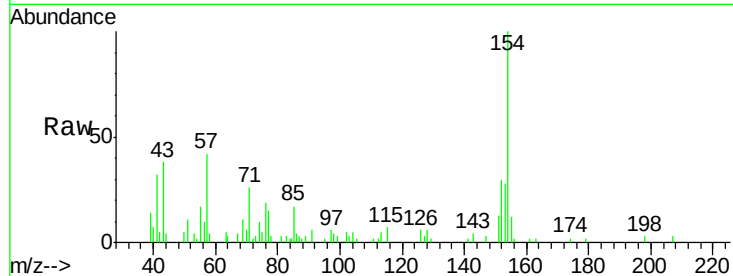
#40
1,1'-Biphenyl
Concen: 1.239 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. 0.01 min
Lab File: BM013991.D
Acq: 30 Jan 2018 11:03

Instrument :
BNA_M
ClientSampleId :
F6B30DL

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	27.5	32.6	48.8#
76	18.9	8.5	12.7#

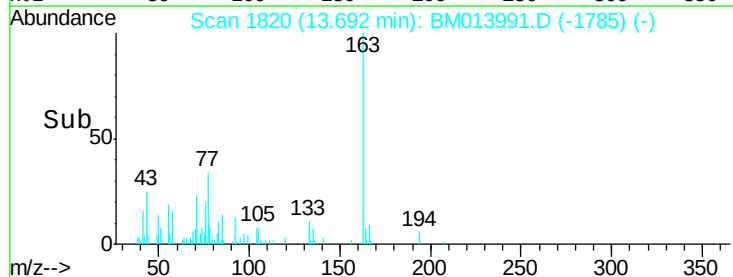
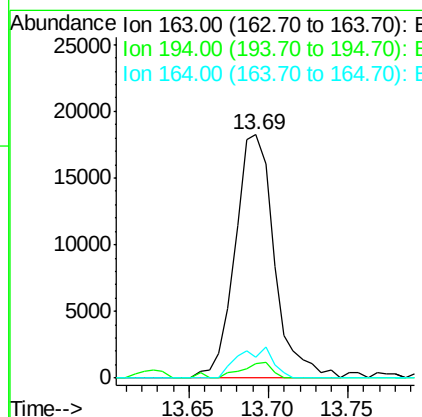
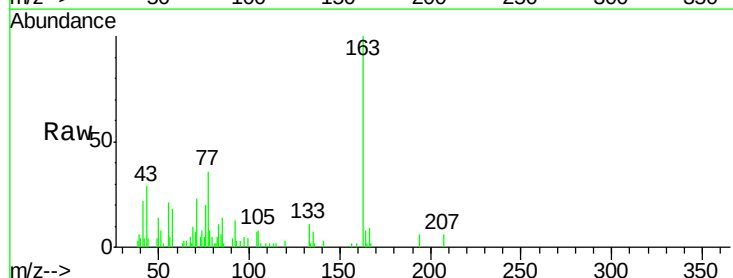
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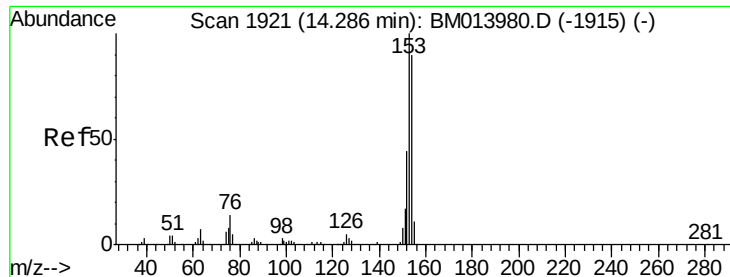
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#44
Dimethylphthalate
Concen: 1.443 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BM013991.D
Acq: 30 Jan 2018 11:03

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	5.9	3.5	5.3#
164	8.4	8.2	12.4





#49

Acenaphthene

Concen: 9.067 ng/ul

RT: 14.29 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BM013991.D

Acq: 30 Jan 2018 11:03

Instrument :

BNA_M

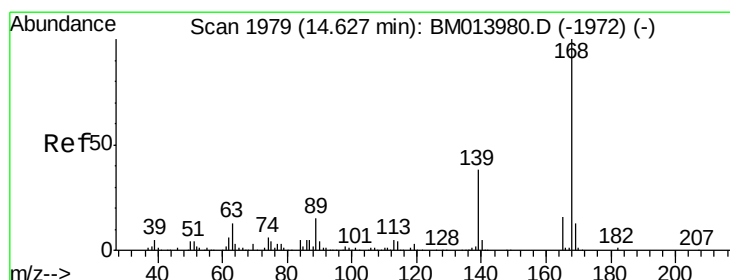
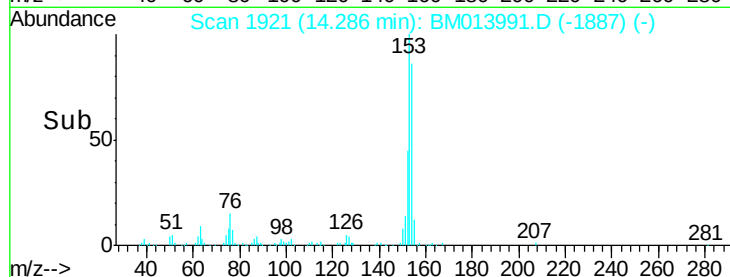
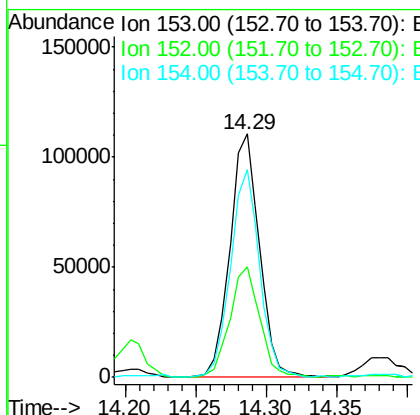
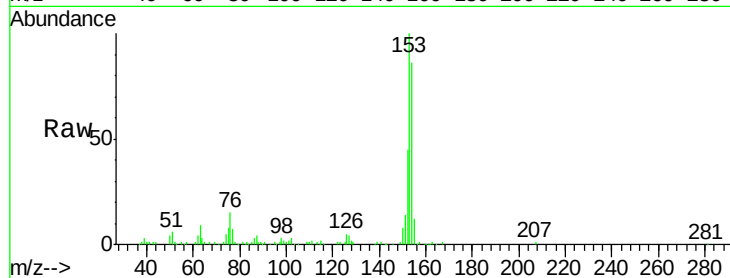
ClientSampleID :

F6B30DL

Tot Ion:	153	Resp:	161737
Ion Ratio	Lower	Upper	
153	100		
152	45.3	37.6	56.4
154	85.6	70.4	105.6

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#53

Dibenzofuran

Concen: 14.774 ng/ul

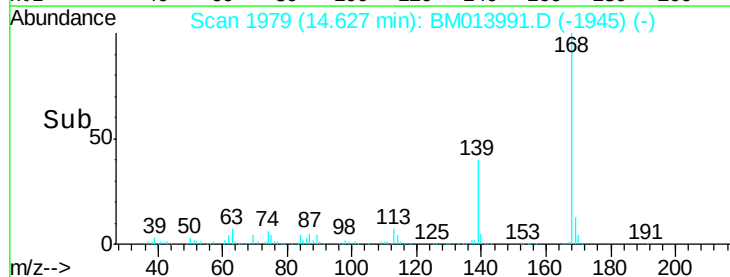
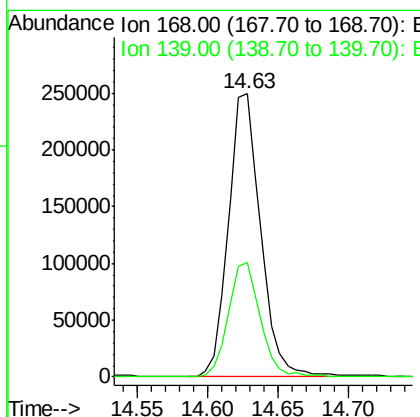
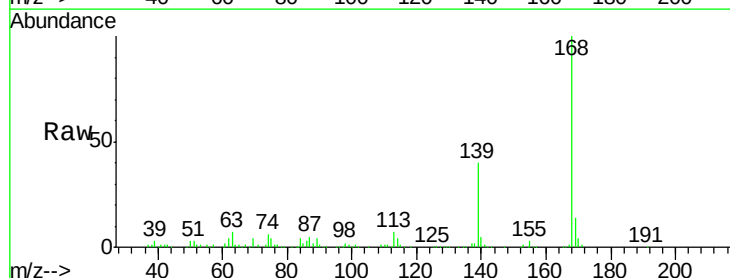
RT: 14.63 min Scan# 1979

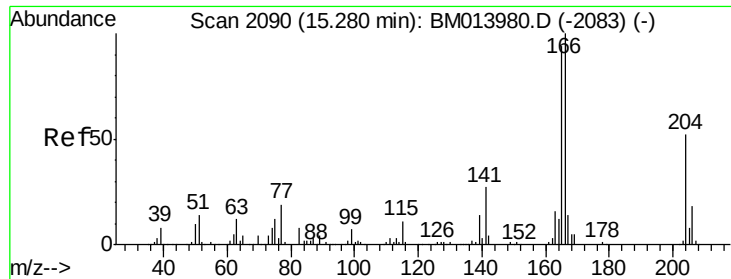
Delta R.T. 0.00 min

Lab File: BM013991.D

Acq: 30 Jan 2018 11:03

Tgt Ion:	168	Resp:	396490
Ion Ratio	Lower	Upper	
168	100		
139	40.3	30.8	46.2





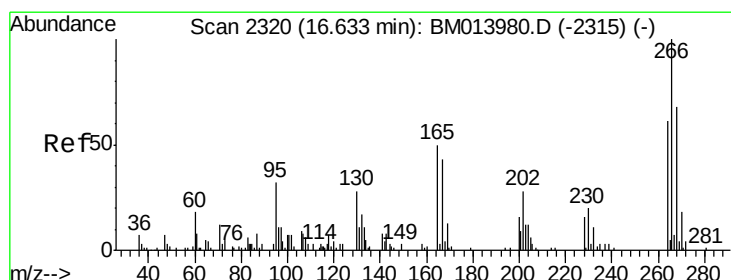
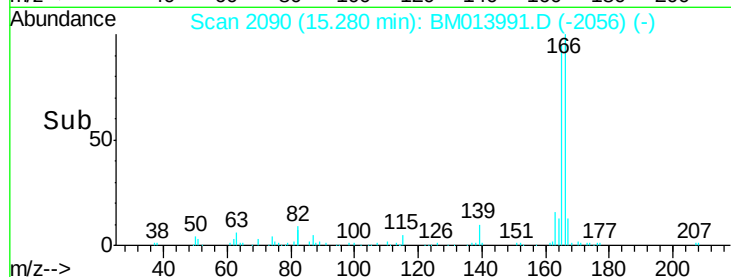
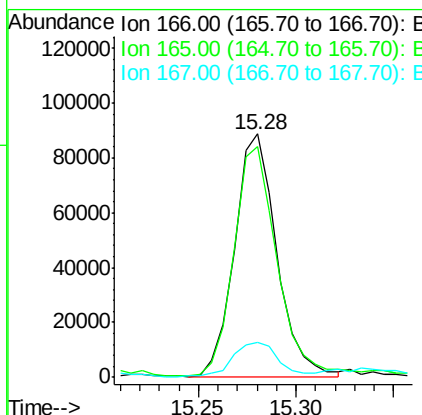
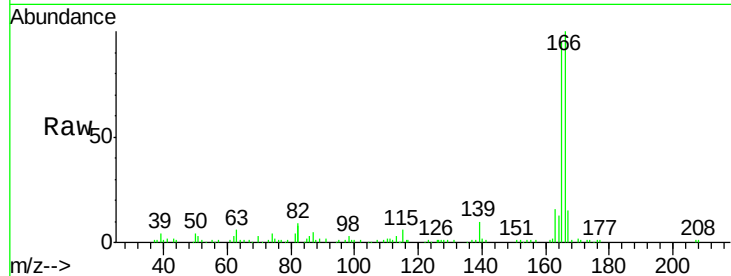
#58
 Fluorene
 Concen: 6.070 ng/ul
 RT: 15.28 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: BM013991.D
 Acq: 30 Jan 2018 11:03

Instrument :
 BNA_M
 ClientSampleId :
 F6B30DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		133436		
165	94.9	77.9	116.9		
167	14.6	10.6	16.0		

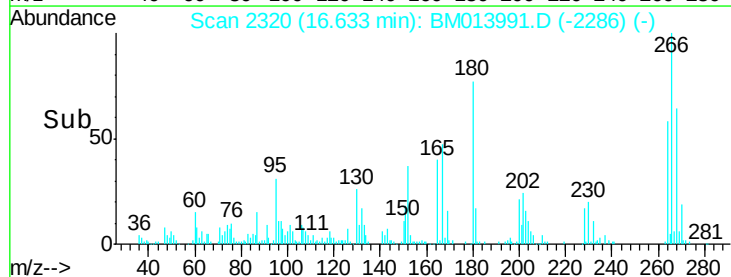
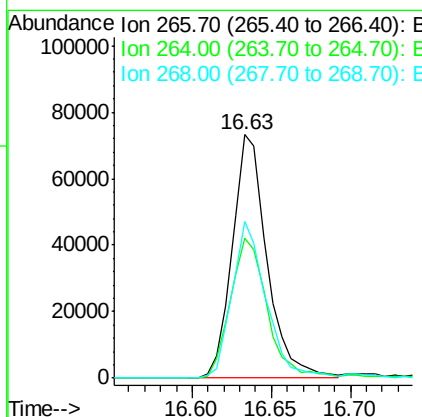
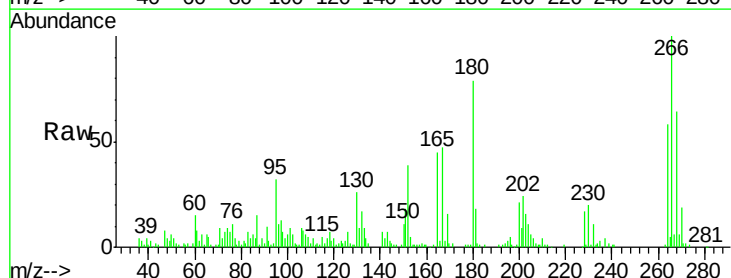
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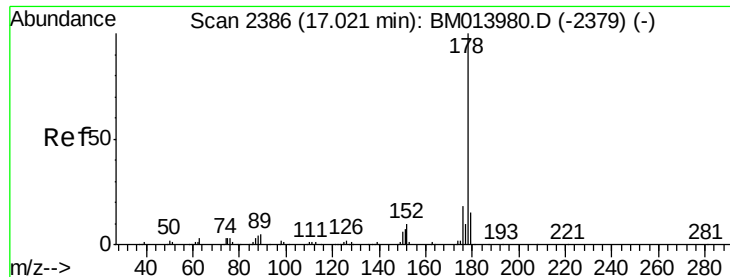
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#68
 Pentachlorophenol
 Concen: 25.311 ng/ul
 RT: 16.63 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BM013991.D
 Acq: 30 Jan 2018 11:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
266	100		111091		
264	57.6	49.3	73.9		
268	64.3	52.6	78.8		





#69

Phenanthrene

Concen: 51.612 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BM013991.D

Acq: 30 Jan 2018 11:03

Instrument :

BNA_M

ClientSampled :

F6B30DL

Tot Ion:178 Resp: 1863832

Ion Ratio Lower Upper

178 100

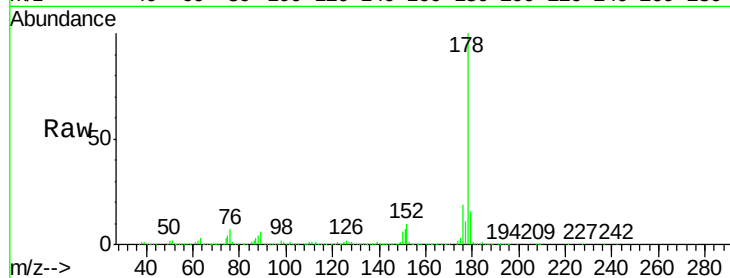
179 15.6 12.6 19.0

176 18.9 14.9 22.3

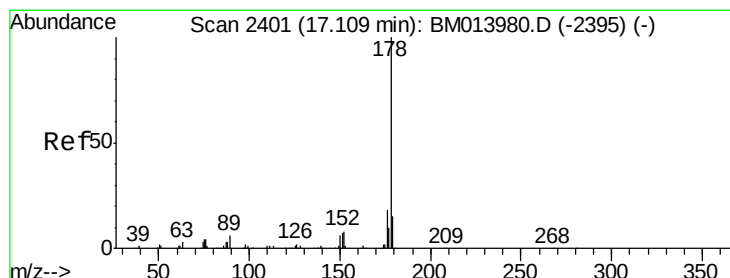
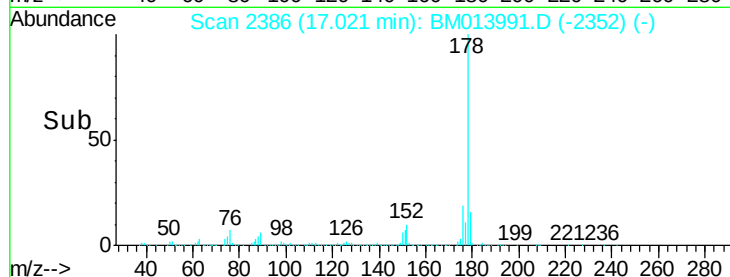
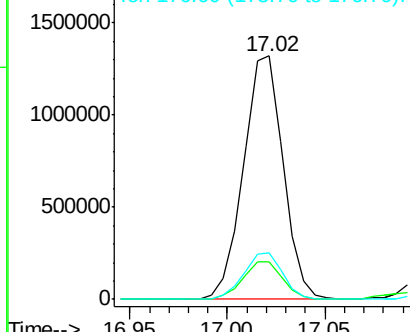
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 18.741 ng/ul

RT: 17.11 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BM013991.D

Acq: 30 Jan 2018 11:03

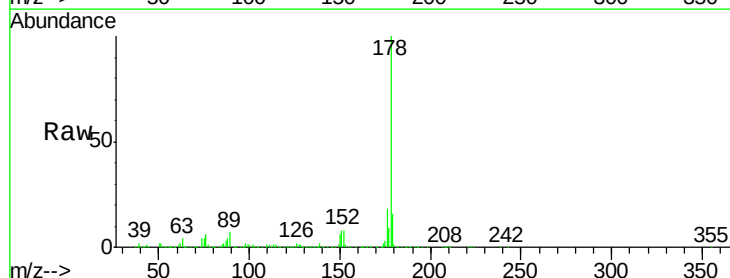
Tgt Ion:178 Resp: 698075

Ion Ratio Lower Upper

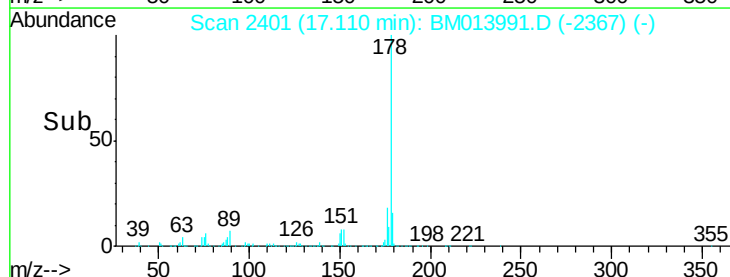
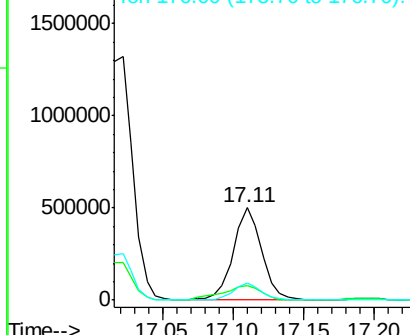
178 100

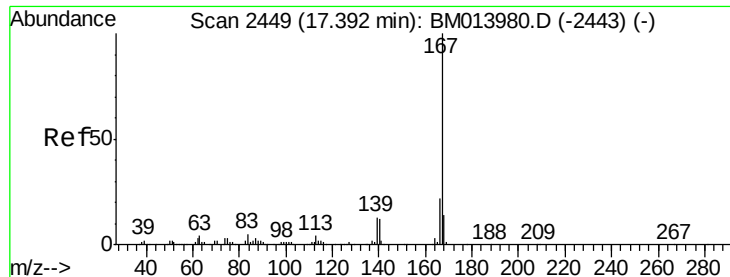
179 15.9 11.7 17.5

176 18.0 14.6 21.8



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





#72

Carbazole

Concen: 6.123 ng/ul

RT: 17.39 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BM013991.D

Acq: 30 Jan 2018 11:03

Instrument :

BNA_M

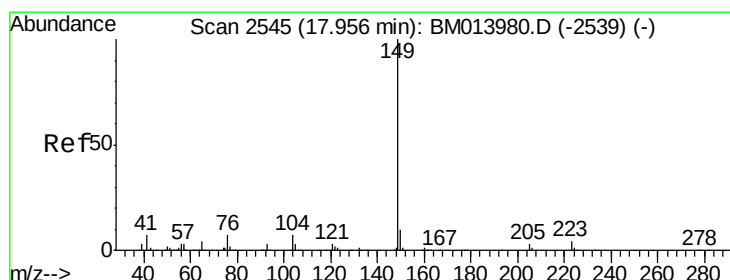
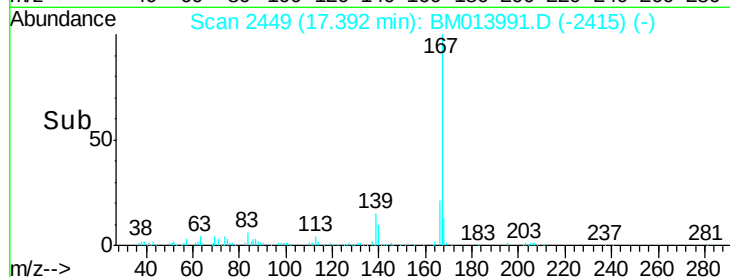
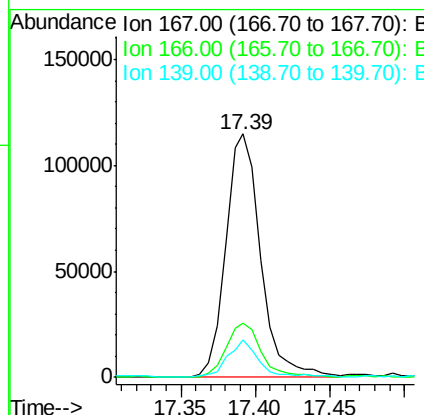
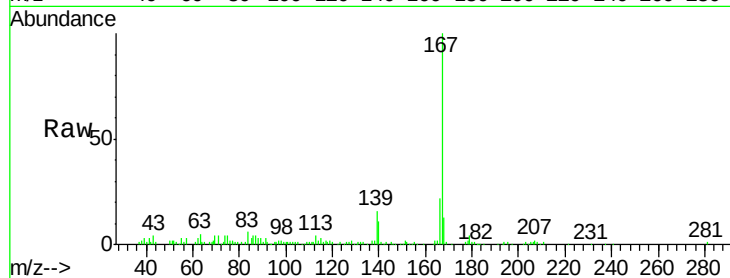
ClientSampleId :

F6B30DL

Tot Ion:	167	Resp:	188262
Ion Ratio	Lower	Upper	
167	100		
166	22.3	17.1	25.7
139	15.6	10.0	15.0#

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#73

Di-n-butylphthalate

Concen: 3.187 ng/ul

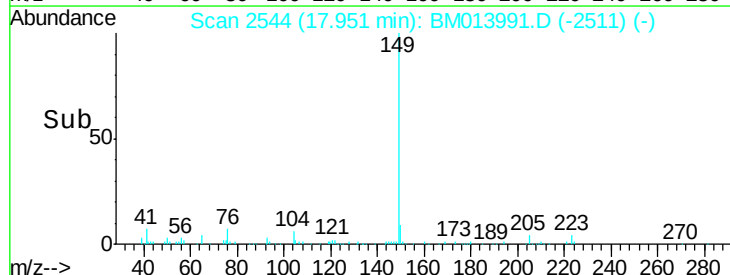
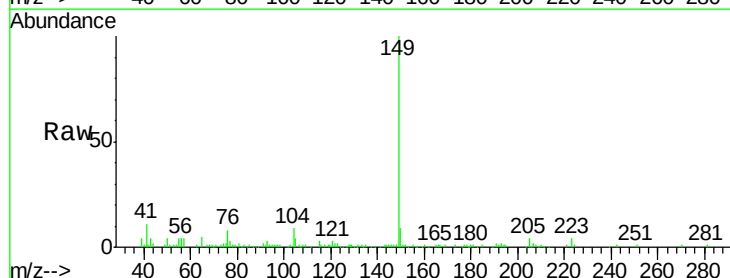
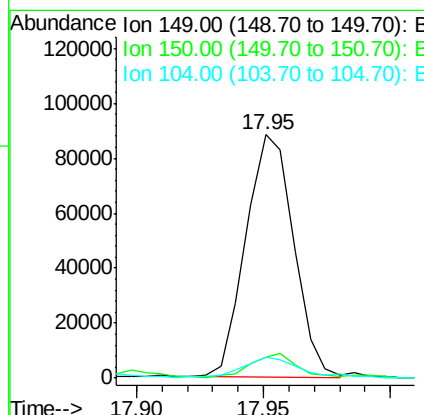
RT: 17.95 min Scan# 2544

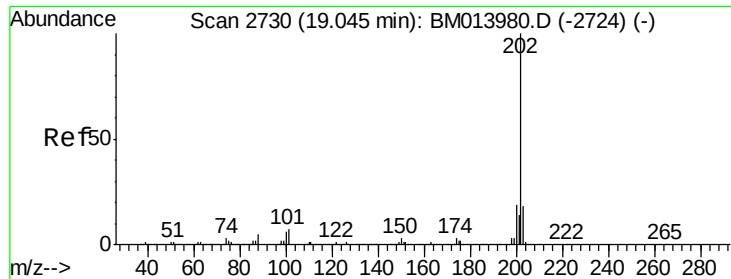
Delta R.T. -0.01 min

Lab File: BM013991.D

Acq: 30 Jan 2018 11:03

Tgt Ion:	149	Resp:	115240
Ion Ratio	Lower	Upper	
149	100		
150	8.6	7.1	10.7
104	8.6	5.6	8.4#





#74

Fluoranthene

Concen: 42.340 ng/ul

RT: 19.04 min Scan# 2730

Delta R.T. 0.00 min

Lab File: BM013991.D

Acq: 30 Jan 2018 11:03

Instrument :

BNA_M

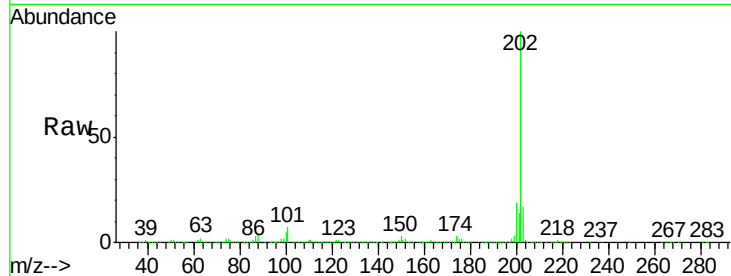
ClientSampled :

F6B30DL

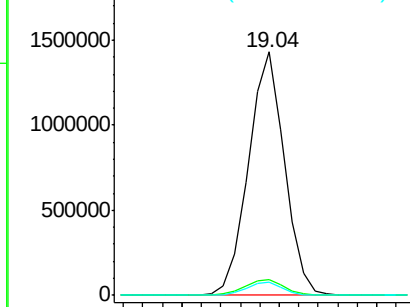
Tot Ion:	202	Resp:	1825103
Ion Ratio	Lower	Upper	
202	100		
101	6.6	4.6	7.0
100	5.2	3.4	5.2#

Manual Integrations
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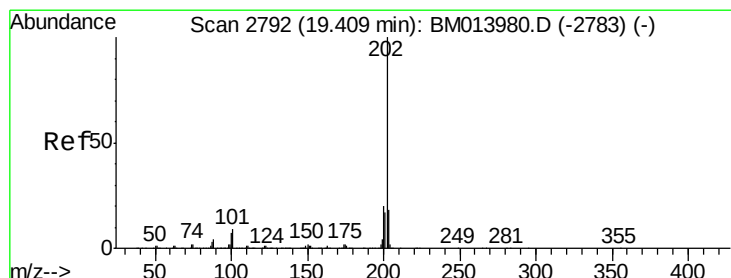
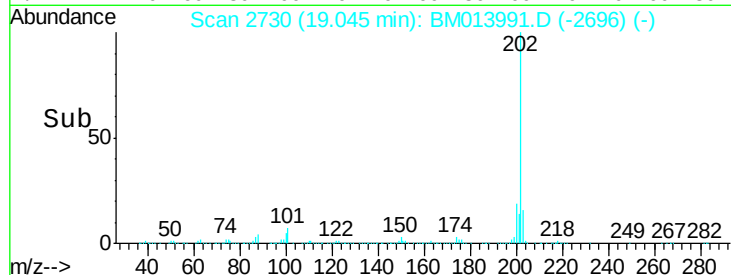
Sohil
1/30/2018 3:35:10 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->



#77

Pyrene

Concen: 26.008 ng/ul

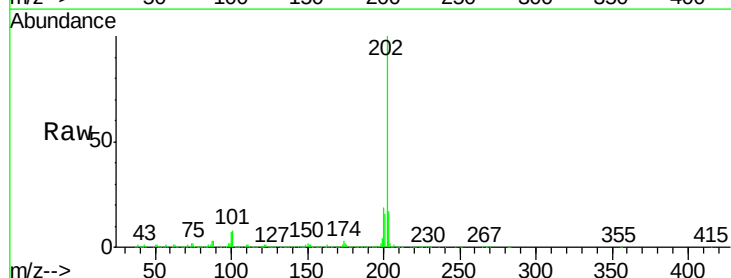
RT: 19.41 min Scan# 2792

Delta R.T. 0.00 min

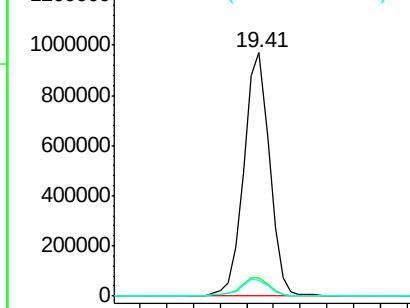
Lab File: BM013991.D

Acq: 30 Jan 2018 11:03

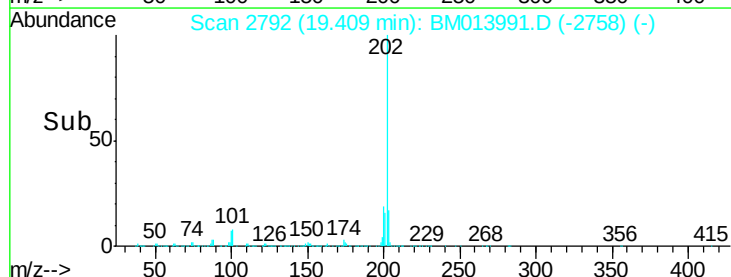
Tgt Ion:	202	Resp:	1285686
Ion Ratio	Lower	Upper	
202	100		
101	7.7	5.1	7.7
100	6.6	4.9	7.3

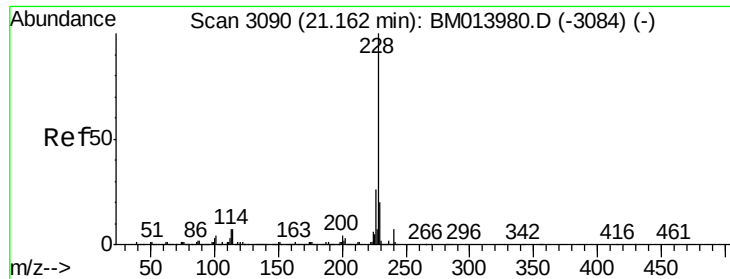


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





#80

Benzo(a)anthracene

Concen: 4.847 ng/ul

RT: 21.16 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM013991.D

Acq: 30 Jan 2018 11:03

Instrument :

BNA_M

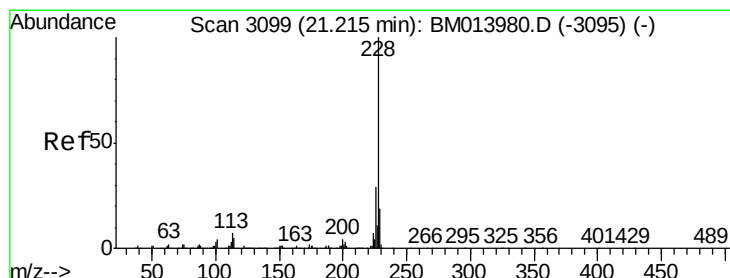
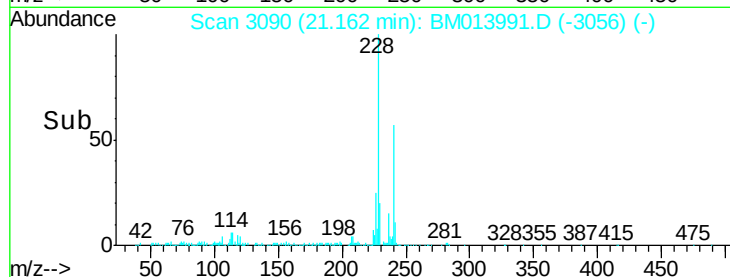
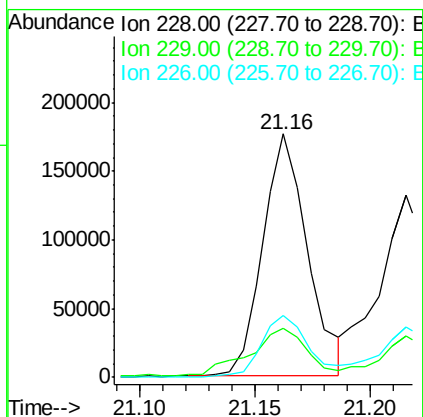
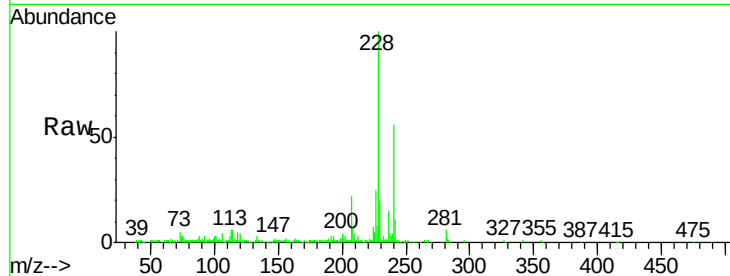
ClientSampleId :

F6B30DL

Tot Ion:	228	Resp:	238151
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.4	23.0
226	25.4	21.4	32.0

Manual Integrations
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#82

Chrysene

Concen: 4.257 ng/ul

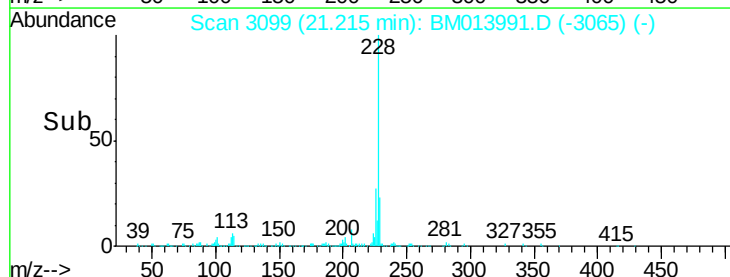
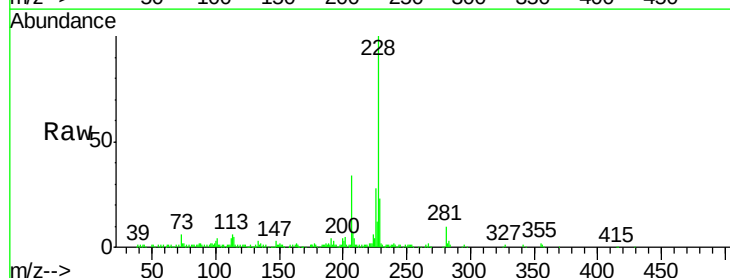
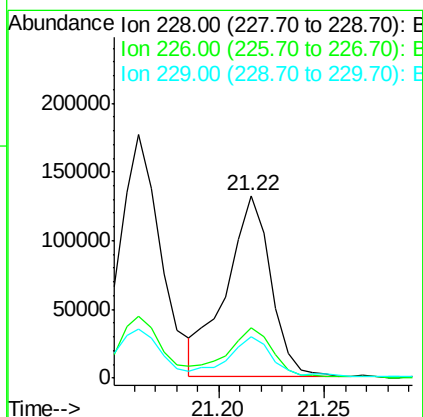
RT: 21.22 min Scan# 3099

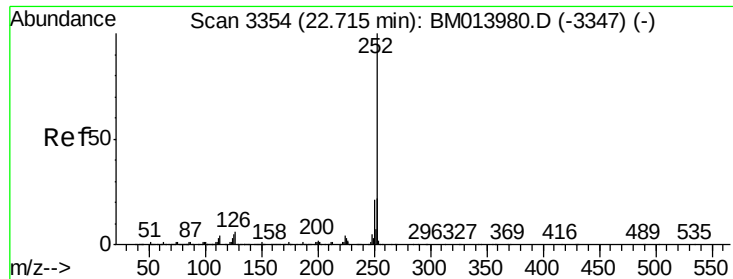
Delta R.T. 0.00 min

Lab File: BM013991.D

Acq: 30 Jan 2018 11:03

Tgt Ion:	228	Resp:	191900
Ion Ratio	Lower	Upper	
228	100		
226	27.7	23.4	35.2
229	22.8	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 2.804 ng/ul

RT: 22.72 min Scan# 3354

Delta R.T. 0.00 min

Lab File: BM013991.D

Acq: 30 Jan 2018 11:03

Instrument :

BNA_M

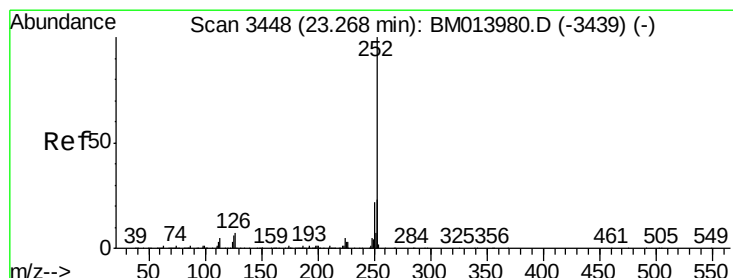
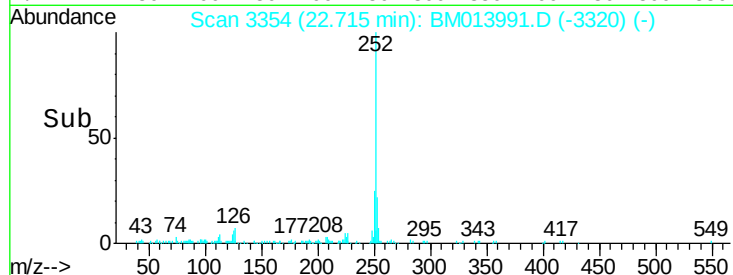
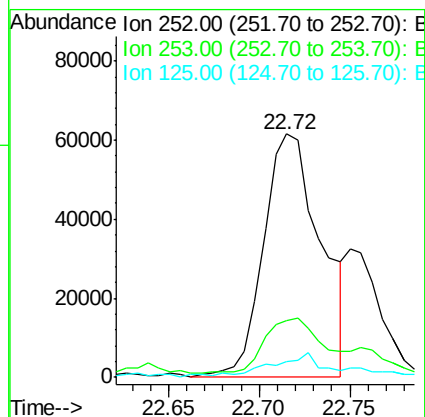
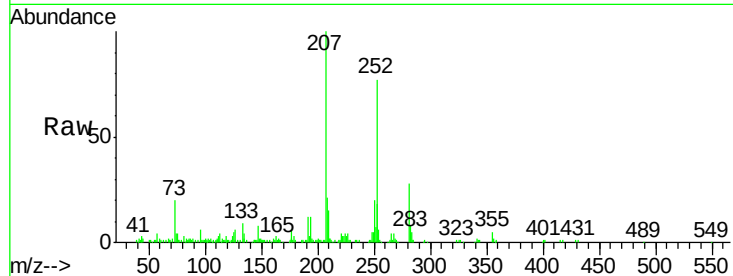
ClientSampleId :

F6B30DL

Tot Ion:	252	Resp:	135800
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.9	26.9
125	6.6	3.6	5.4#

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 1.280 ng/ul

RT: 23.27 min Scan# 3448

Delta R.T. 0.00 min

Lab File: BM013991.D

Acq: 30 Jan 2018 11:03

Tgt Ion:	252	Resp:	58570
Ion Ratio	Lower	Upper	
252	100		
253	25.0	18.2	27.2
125	8.1	4.0	6.0#

