

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM012818\
 Data File : BM013926.D
 Acq On : 28 Jan 2018 17:28
 Operator : SJ/JU
 Sample : J1243-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B32

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:07:51 PM

Quant Time: Feb 08 11:28:20 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 02:34:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	142001	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	548278	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	392159	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	770569	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	835679	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	824748	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	8514	2.37	ng/uL	0.00
5) Phenol-d5	6.77	99	144133	13.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	97980	14.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	129280	14.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	99247	11.84	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	68564	16.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	70924	15.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	133270	15.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	128194	17.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	443023	13.71	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	570755	13.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	44013	8.38	ng/ul	0.01
57) Fluorene-d10	15.23	176	396815	13.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	43539	9.39	ng/ul	0.01
70) Anthracene-d10	17.09	188	609521	16.24	ng/ul	0.00
76) Pyrene-d10	19.39	212	689517	17.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	670209	17.68	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.79	94	16670	1.525	ng/ul#	89
28) Naphthalene	10.41	128	8056135	295.348	ng/ul	100
34) 2-Methylnaphthalene	12.03	142	3875527	190.570	ng/ul	93
40) 1,1'-Biphenyl	13.06	154	841143	25.768	ng/ul	99
44) Dimethylphthalate	13.70	163	67141	2.113	ng/ul#	95
47) Acenaphthylene	13.95	152	64417	1.708	ng/ul#	78
49) Acenaphthene	14.30	153	2325870	89.054	ng/ul	97
53) Dibenzofuran	14.64	168	4532085	115.348	ng/ul	99
58) Fluorene	15.29	166	1767045	54.903	ng/ul	98
68) Pentachlorophenol	16.65	266	137894	26.488	ng/ul	93
69) Phenanthrene	17.04	178	15432672m	360.300	ng/ul	
71) Anthracene	17.12	178	1729864	39.155	ng/ul	99
72) Carbazole	17.40	167	762468	20.908	ng/ul	99
74) Fluoranthene	19.06	202	9147843	178.918	ng/ul#	94
77) Pyrene	19.42	202	5648334	111.180	ng/ul#	94
80) Benzo(a)anthracene	21.17	228	1035888	20.514	ng/ul	97
82) Chrysene	21.22	228	760968	16.427	ng/ul	98
85) Benzo(b)fluoranthene	22.72	252	420998	8.312	ng/ul#	98
86) Benzo(k)fluoranthene	22.76	252	160269	3.274	ng/ul#	95
88) Benzo(a)pyrene	23.28	252	240994	5.037	ng/ul#	96

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

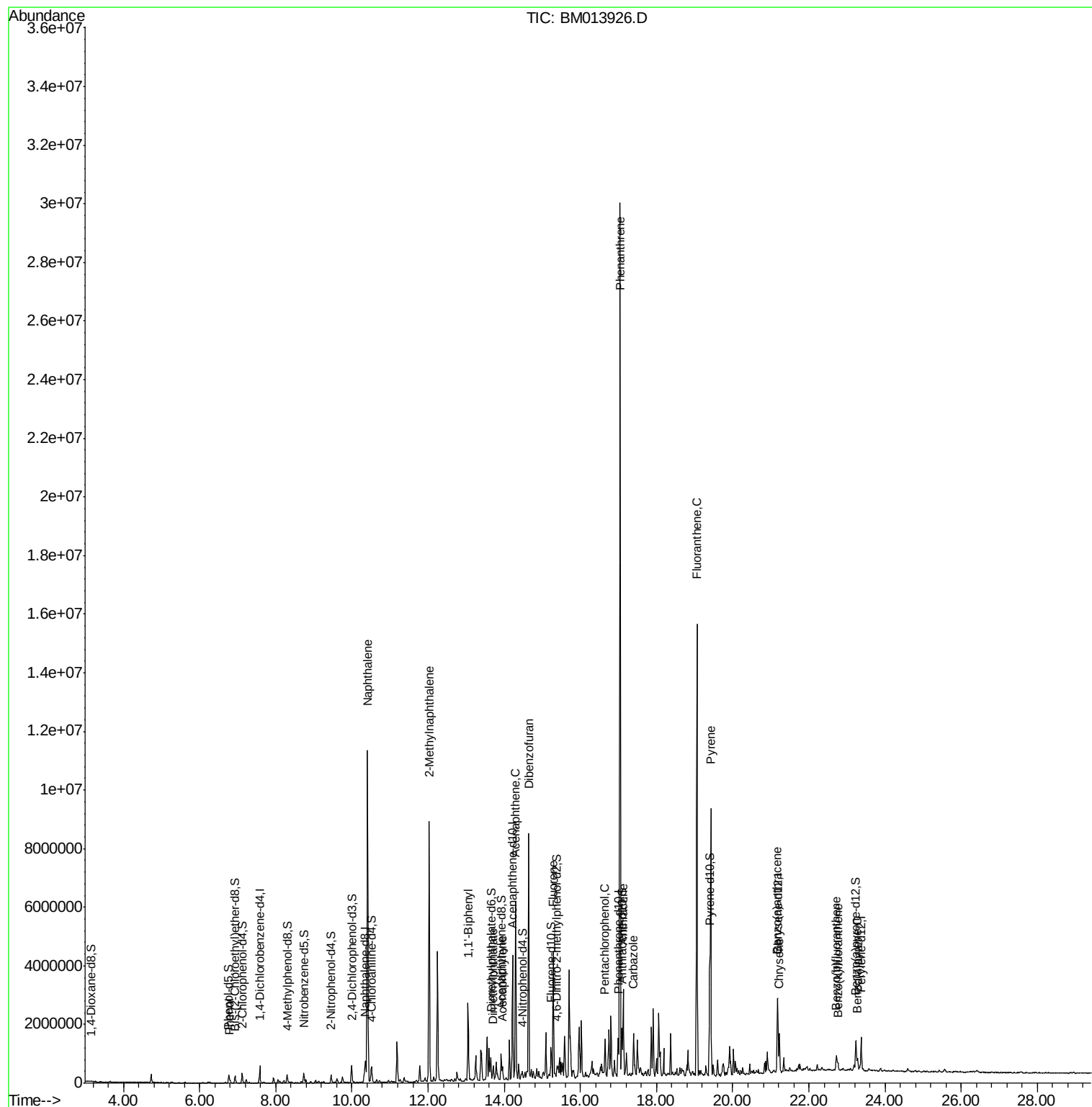
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012818\
Data File : BM013926.D
Acq On : 28 Jan 2018 17:28
Operator : SJ/JU
Sample : J1243-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

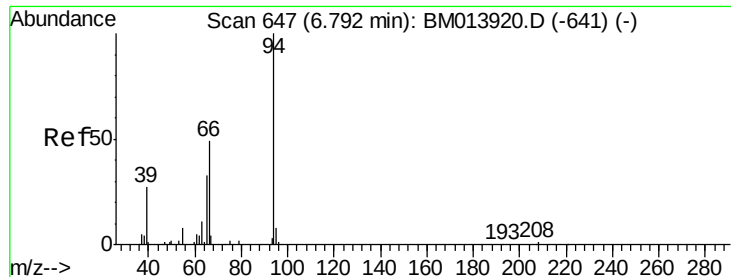
Instrument :
BNA_M
ClientSampleId :
F6B32

Manual Integrations
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1/29/2018 6:07:51 PM

Quant Time: Feb 08 11:28:20 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 02:34:24 2018
Response via : Initial Calibration





#6

Phenol

Concen: 1.525 ng/ul

RT: 6.79 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM013926.D

Acq: 28 Jan 2018 17:28

Instrument :

BNA_M

ClientSampled :

F6B32

Tgt Ion: 94 Resp: 16670

Ion Ratio Lower Upper

94 100

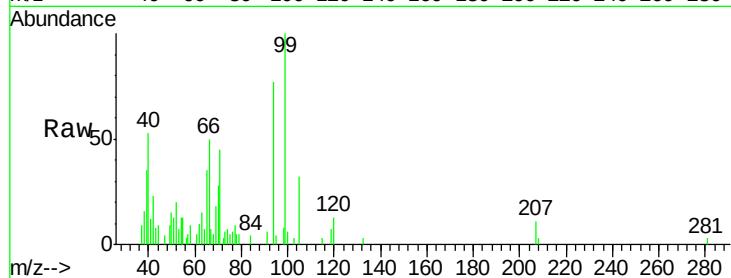
65 45.1 28.2 42.4#

66 64.6 47.2 70.8

Manual Integrations
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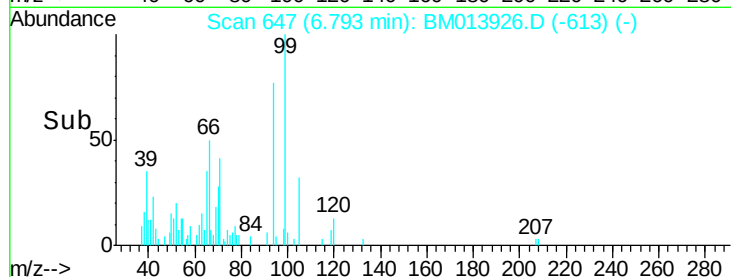


Abundance Ion 94.00 (93.70 to 94.70): BM013920.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BM013920.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BM013920.D (-641) (-)

Time-->

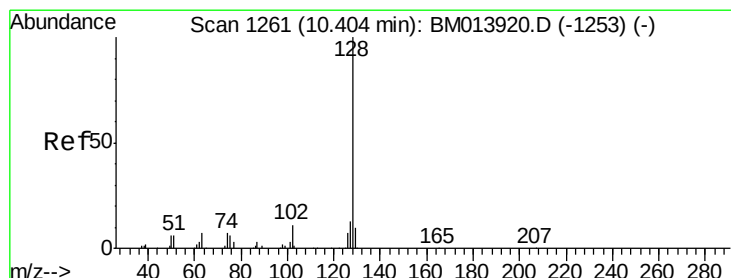


Abundance Ion 94.00 (93.70 to 94.70): BM013926.D (-613) (-)

Ion 65.00 (64.70 to 65.70): BM013926.D (-613) (-)

Ion 66.00 (65.70 to 66.70): BM013926.D (-613) (-)

Time-->



#28

Naphthalene

Concen: 295.348 ng/ul

RT: 10.41 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BM013926.D

Acq: 28 Jan 2018 17:28

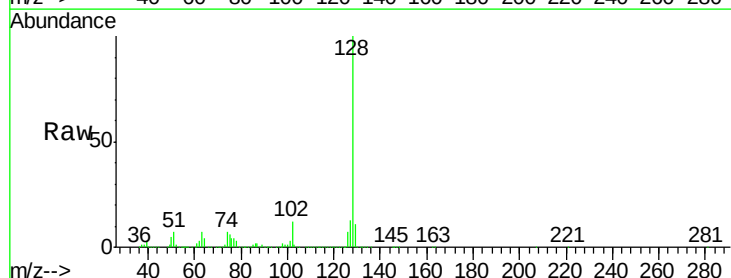
Tgt Ion: 128 Resp: 8056135

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.1 10.6 16.0

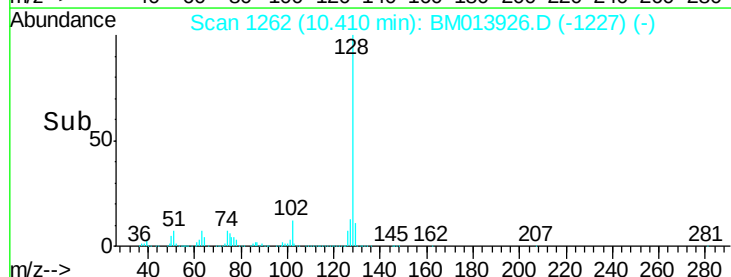


Abundance Ion 128.00 (127.70 to 128.70): BM013920.D (-1253) (-)

Ion 129.00 (128.70 to 129.70): BM013920.D (-1253) (-)

Ion 127.00 (126.70 to 127.70): BM013920.D (-1253) (-)

Time-->

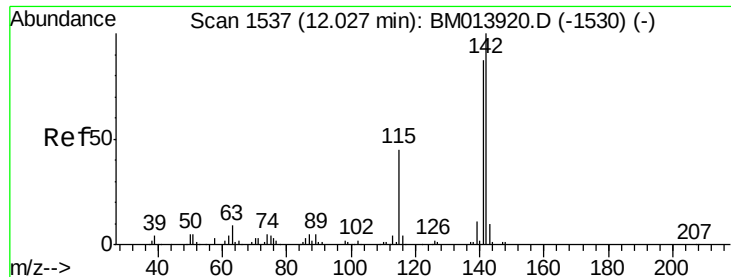


Abundance Ion 128.00 (127.70 to 128.70): BM013926.D (-1227) (-)

Ion 129.00 (128.70 to 129.70): BM013926.D (-1227) (-)

Ion 127.00 (126.70 to 127.70): BM013926.D (-1227) (-)

Time-->



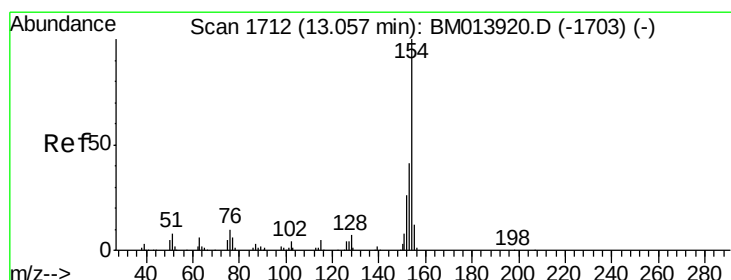
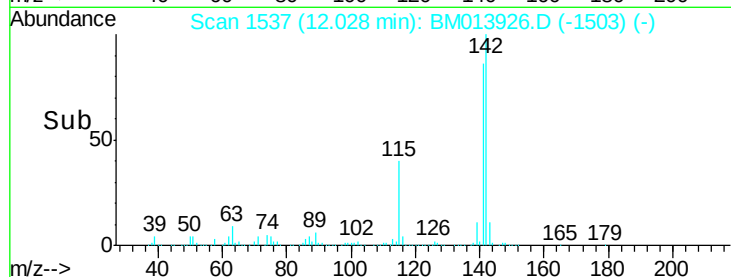
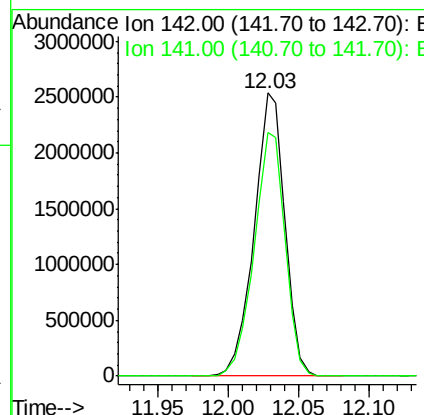
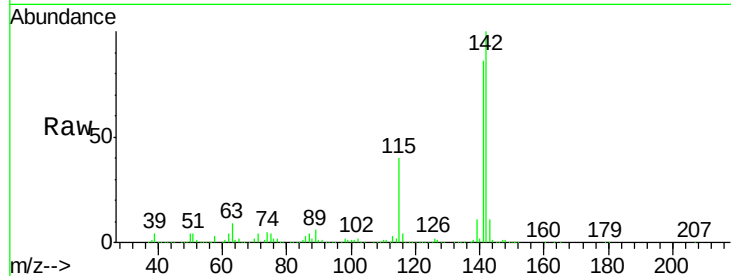
#34
 2-Methylnaphthalene
 Concen: 190.570 ng/ul
 RT: 12.03 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BM013926.D
 Acq: 28 Jan 2018 17:28

Instrument :
 BNA_M
 ClientSampled :
 F6B32

Tgt Ion:142 Resp: 3875527
 Ion Ratio Lower Upper
 142 100
 141 86.1 74.1 111.1

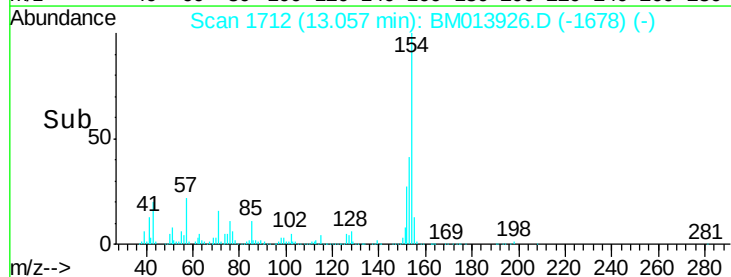
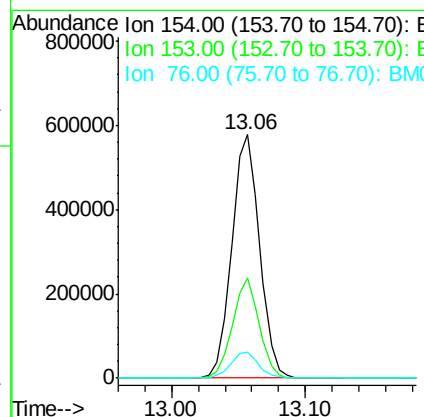
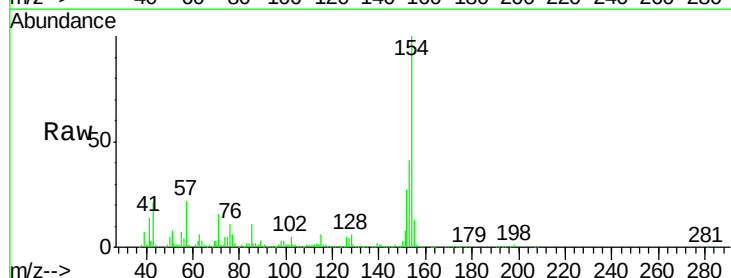
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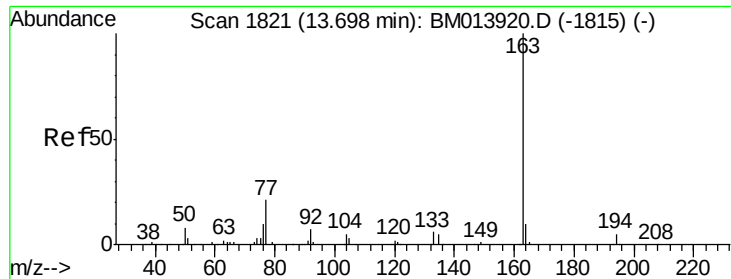
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#40
 1,1'-Biphenyl
 Concen: 25.768 ng/ul
 RT: 13.06 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BM013926.D
 Acq: 28 Jan 2018 17:28

Tgt Ion:154 Resp: 841143
 Ion Ratio Lower Upper
 154 100
 153 41.2 32.6 48.8
 76 10.6 8.5 12.7





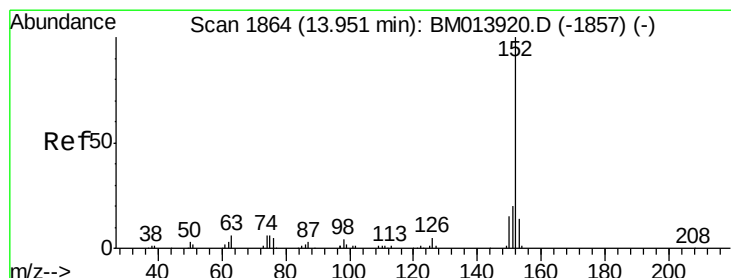
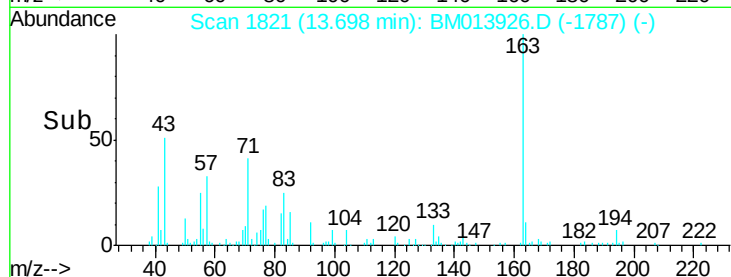
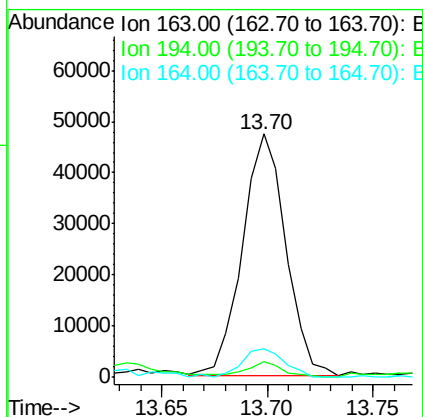
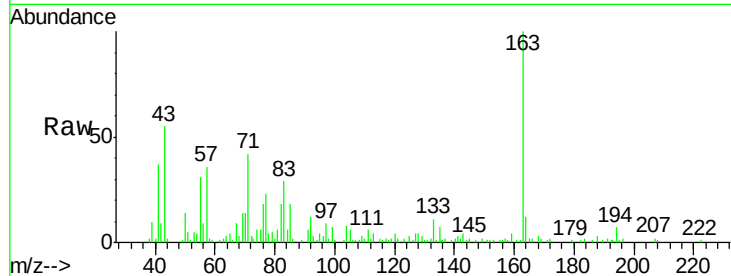
#44
Dimethylphthalate
Concen: 2.113 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BM013926.D
Acq: 28 Jan 2018 17:28

Instrument :
BNA_M
ClientSampleId :
F6B32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.5	3.5	5.3#
164	11.9	8.2	12.4

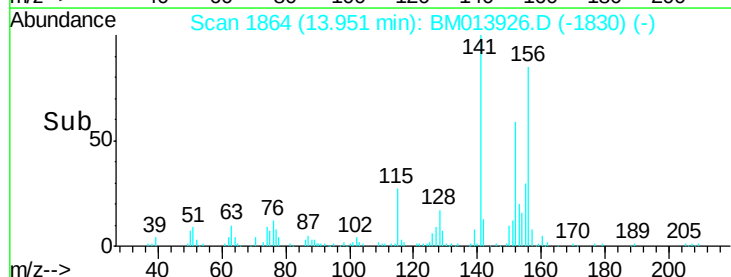
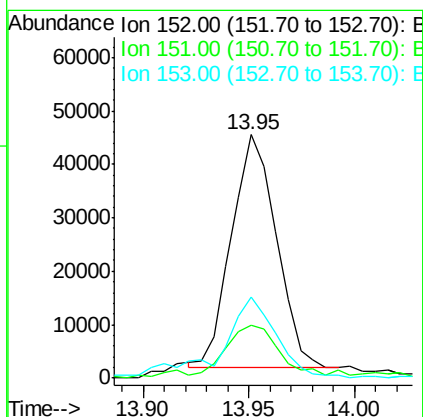
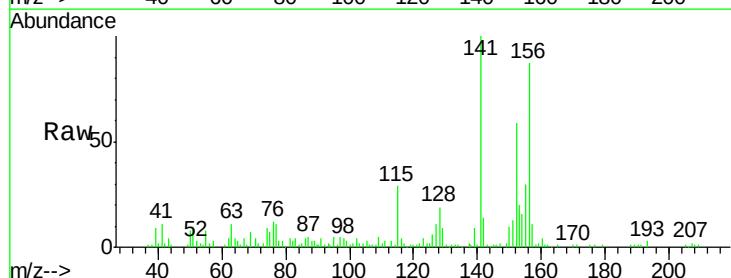
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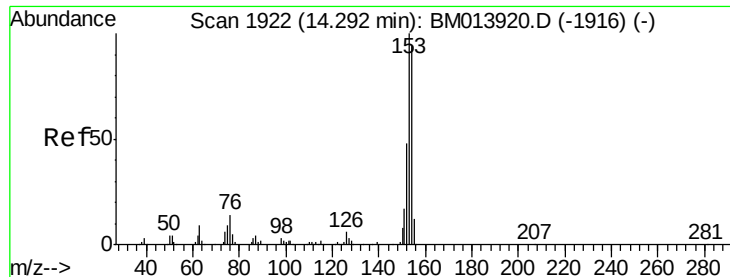
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#47
Acenaphthylene
Concen: 1.708 ng/ul
RT: 13.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BM013926.D
Acq: 28 Jan 2018 17:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.3	24.5
153	33.1	10.2	15.4#





#49

Acenaphthene

Concen: 89.054 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. 0.01 min

Lab File: BM013926.D

Acq: 28 Jan 2018 17:28

Instrument :

BNA_M

ClientSampleId :

F6B32

Tgt Ion:153 Resp: 2325870

Ion Ratio Lower Upper

153 100

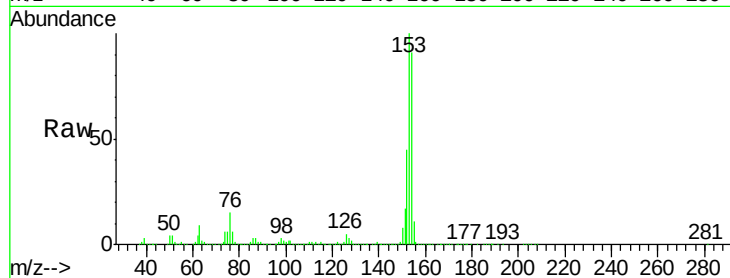
152 45.2 37.6 56.4

154 90.7 70.4 105.6

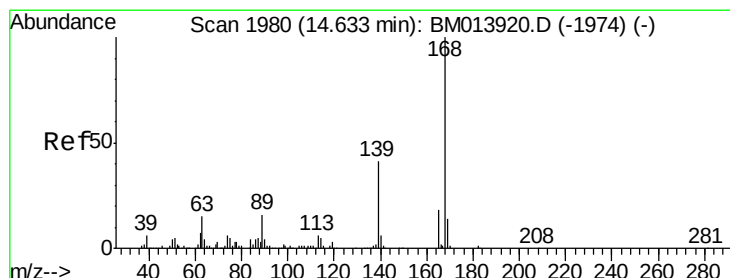
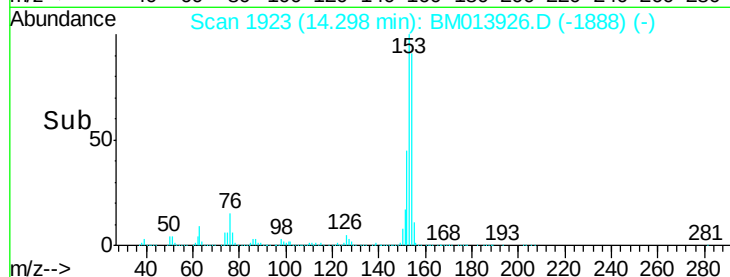
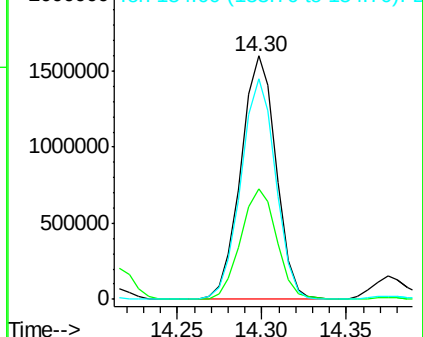
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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 115.348 ng/ul

RT: 14.64 min Scan# 1981

Delta R.T. 0.01 min

Lab File: BM013926.D

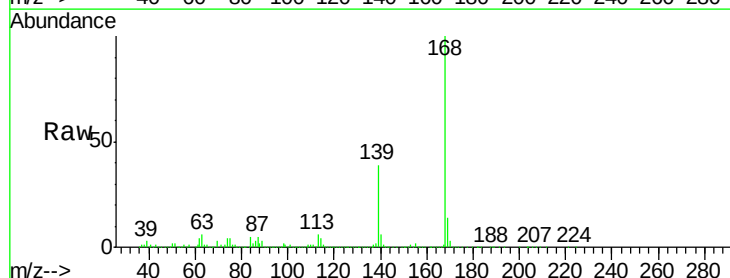
Acq: 28 Jan 2018 17:28

Tgt Ion:168 Resp: 4532085

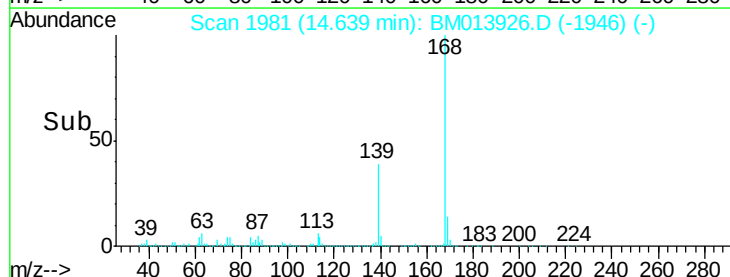
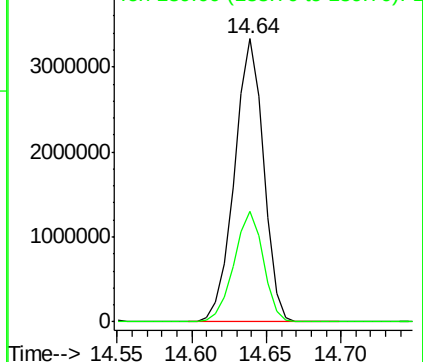
Ion Ratio Lower Upper

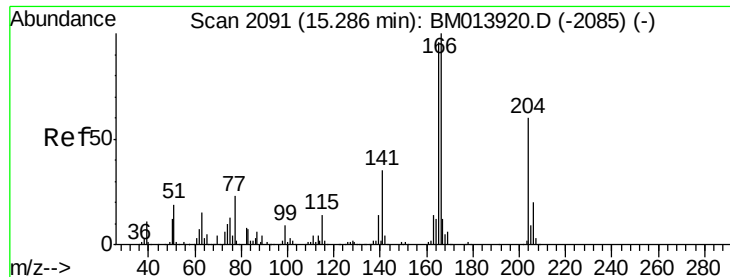
168 100

139 39.2 30.8 46.2



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





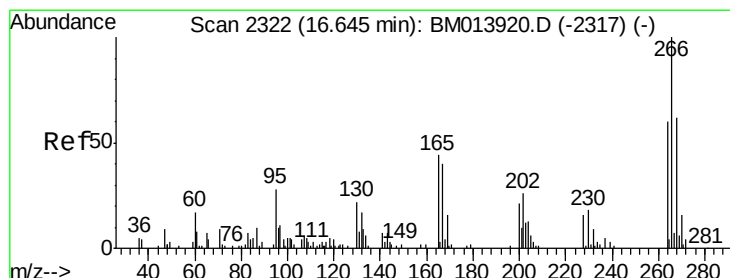
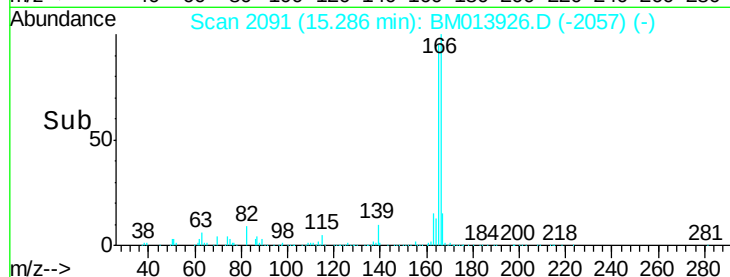
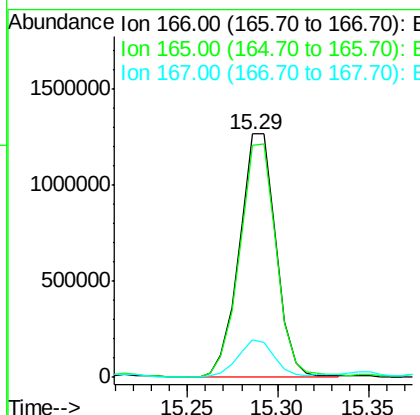
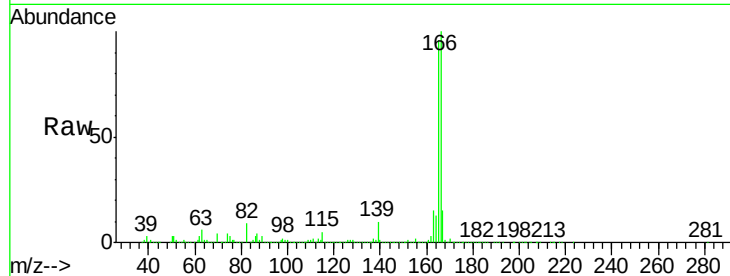
#58
 Fluorene
 Concen: 54.903 ng/ul
 RT: 15.29 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BM013926.D
 Acq: 28 Jan 2018 17:28

Instrument :
 BNA_M
 ClientSampleId :
 F6B32

Tgt Ion:166 Resp: 1767045
 Ion Ratio Lower Upper
 166 100
 165 95.6 77.9 116.9
 167 15.5 10.6 16.0

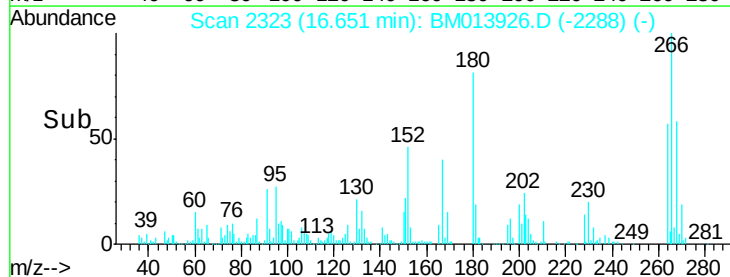
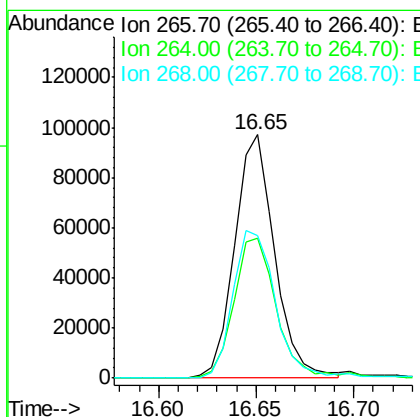
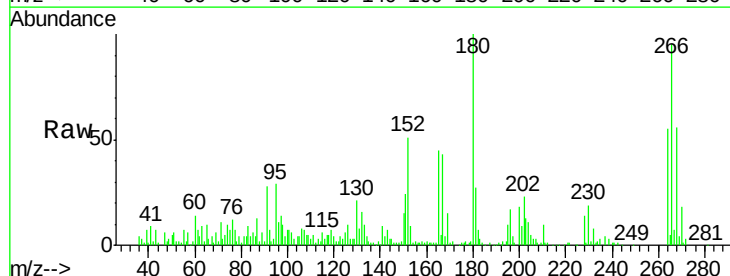
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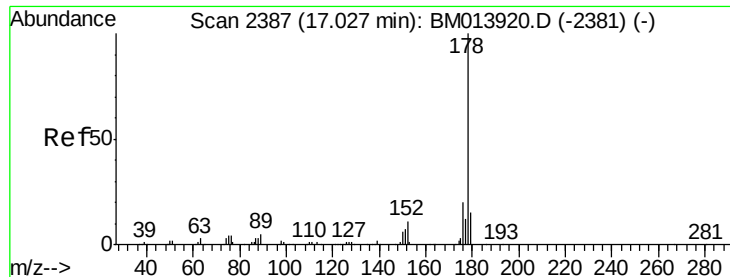
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#68
 Pentachlorophenol
 Concen: 26.488 ng/ul
 RT: 16.65 min Scan# 2323
 Delta R.T. 0.01 min
 Lab File: BM013926.D
 Acq: 28 Jan 2018 17:28

Tgt Ion:266 Resp: 137894
 Ion Ratio Lower Upper
 266 100
 264 57.4 49.3 73.9
 268 58.5 52.6 78.8





#69

Phenanthrene

Concen: 360.300 ng/ul m

RT: 17.04 min Scan# 2389

Delta R.T. 0.01 min

Lab File: BM013926.D

Acq: 28 Jan 2018 17:28

Instrument :

BNA_M

ClientSampled :

F6B32

Tgt Ion:178 Resp:15432672

Ion Ratio Lower Upper

178 100

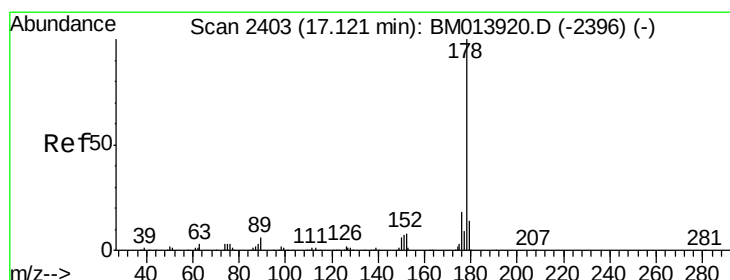
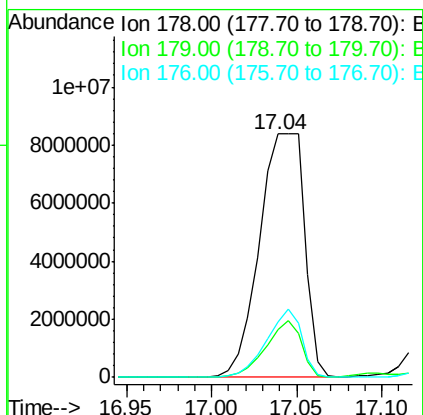
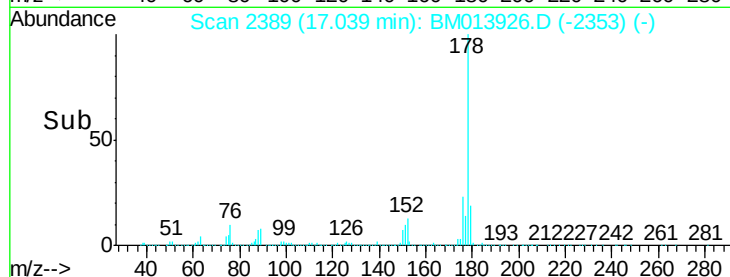
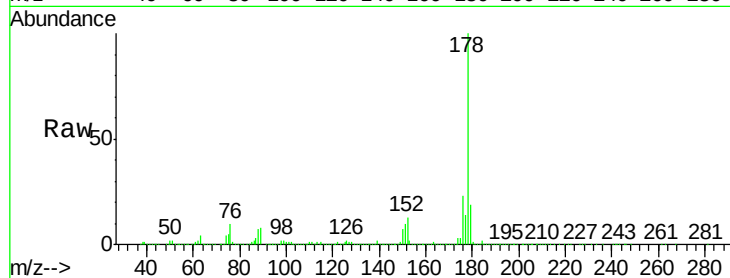
179 19.4 12.6 19.0#

176 22.9 14.9 22.3#

Manual Integrations
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1/29/2018 6:07:51 PM



#71

Anthracene

Concen: 39.155 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BM013926.D

Acq: 28 Jan 2018 17:28

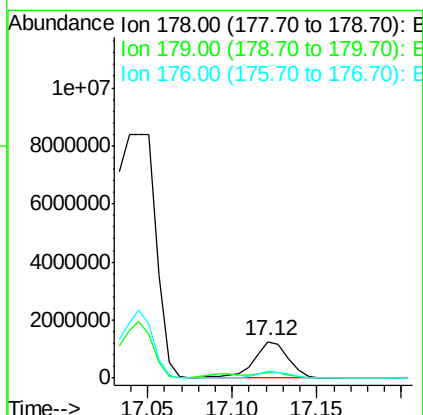
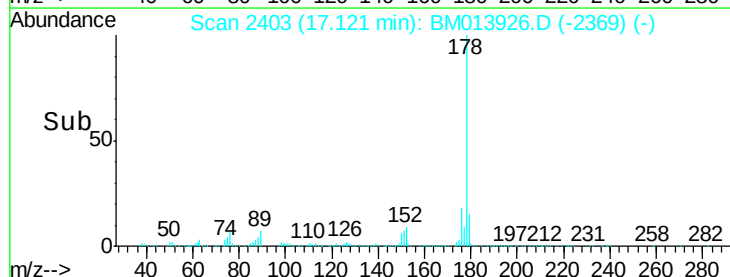
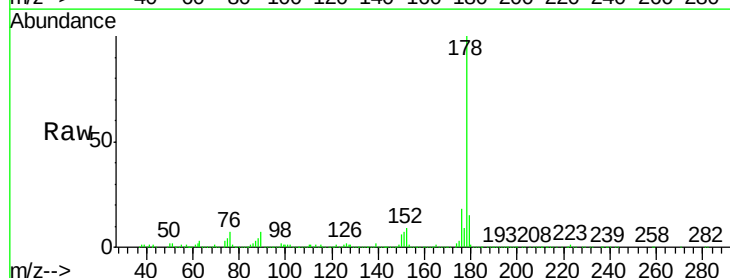
Tgt Ion:178 Resp: 1729864

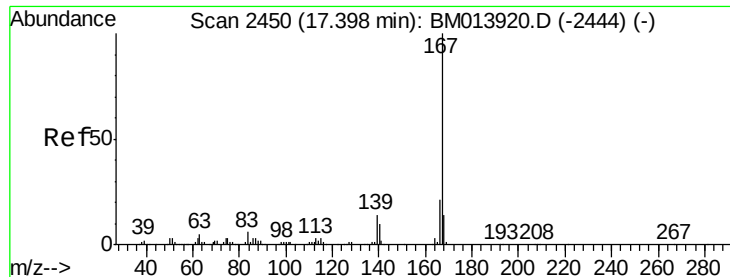
Ion Ratio Lower Upper

178 100

179 15.4 11.7 17.5

176 18.0 14.6 21.8





#72

Carbazole

Concen: 20.908 ng/ul

RT: 17.40 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BM013926.D

Acq: 28 Jan 2018 17:28

Instrument :

BNA_M

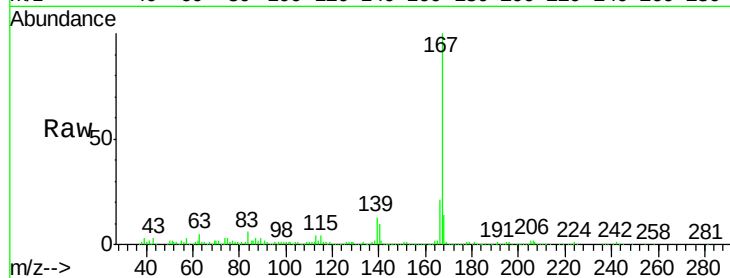
ClientSampleId :

F6B32

Tgt Ion:	167	Resp:	762468
Ion Ratio	Lower	Upper	
167	100		
166	21.3	17.1	25.7
139	13.1	10.0	15.0

Manual Integrations
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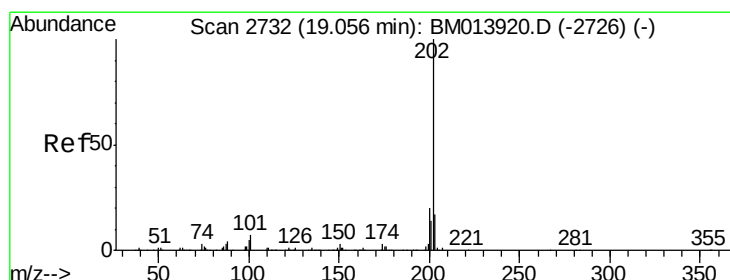
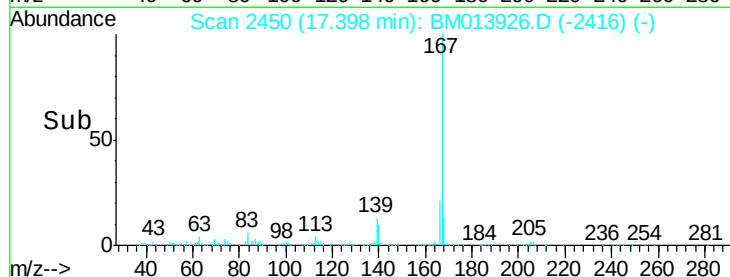
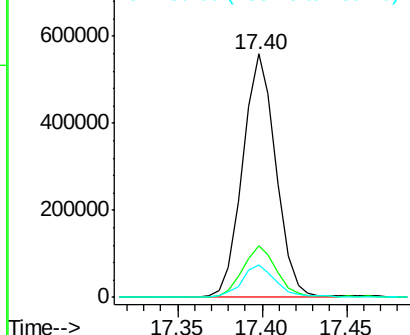
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 178.918 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. 0.01 min

Lab File: BM013926.D

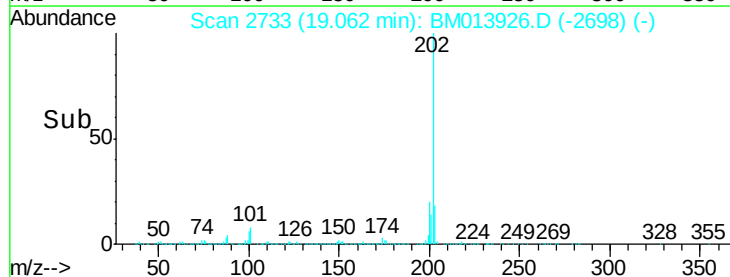
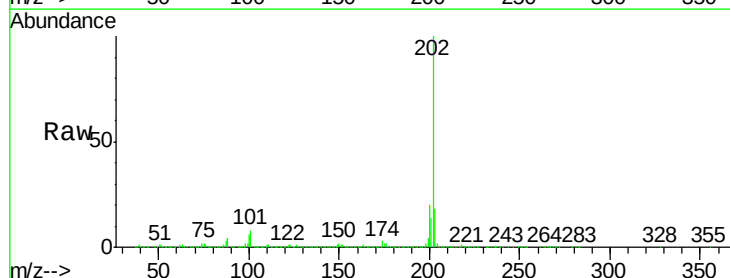
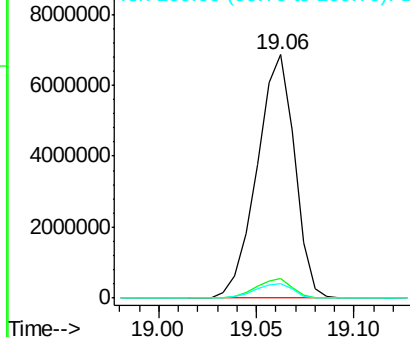
Acq: 28 Jan 2018 17:28

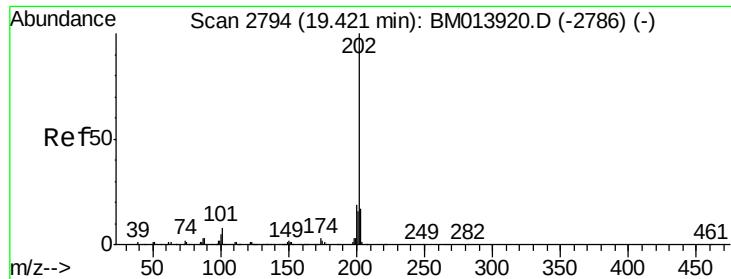
Tgt Ion:	202	Resp:	9147843
Ion Ratio	Lower	Upper	
202	100		
101	7.8	4.6	7.0#
100	6.1	3.4	5.2#

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





#77

Pyrene

Concen: 111.180 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BM013926.D

Acq: 28 Jan 2018 17:28

Instrument :

BNA_M

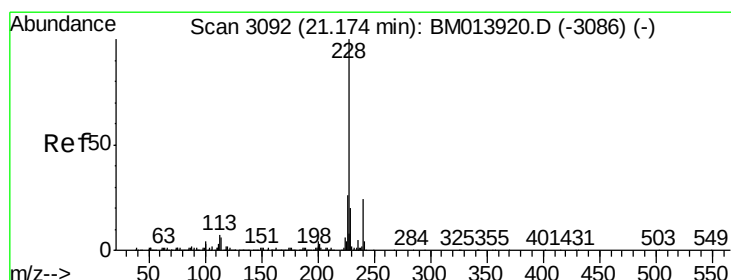
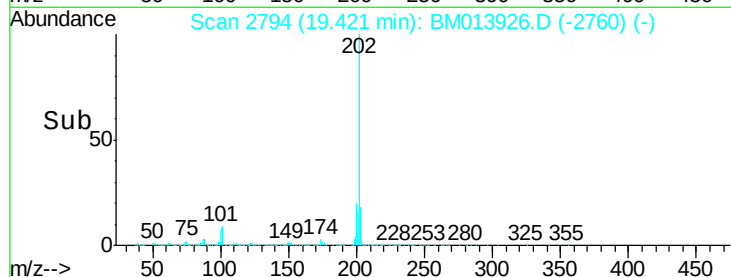
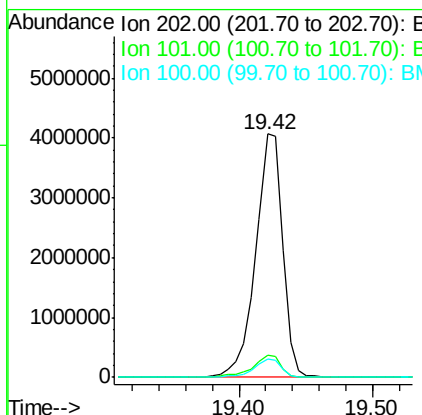
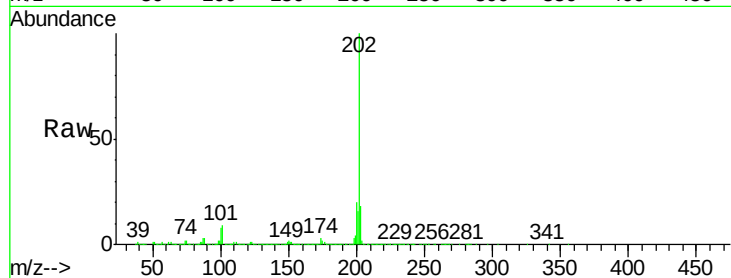
ClientSampleId :

F6B32

Tgt Ion:	202	Resp:	5648334
Ion Ratio	Lower	Upper	
202	100		
101	9.2	5.1	7.7#
100	7.7	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 20.514 ng/ul

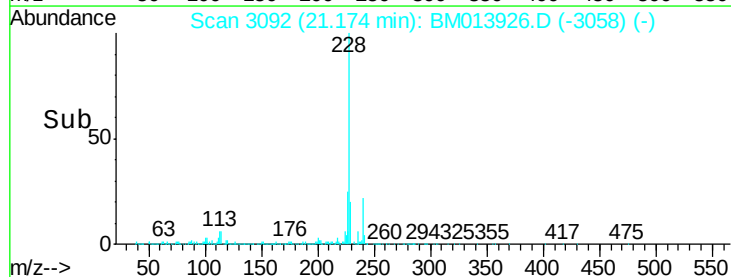
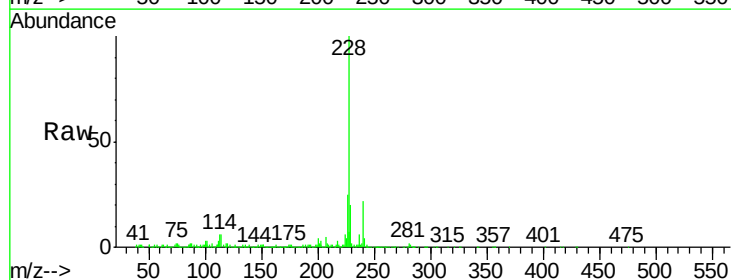
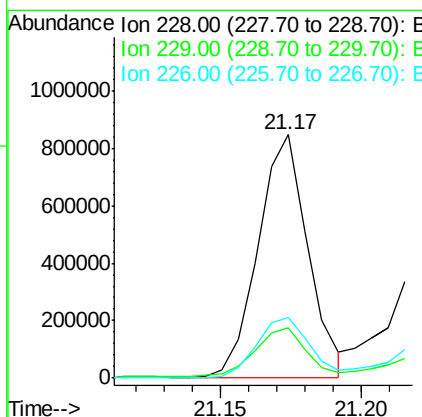
RT: 21.17 min Scan# 3092

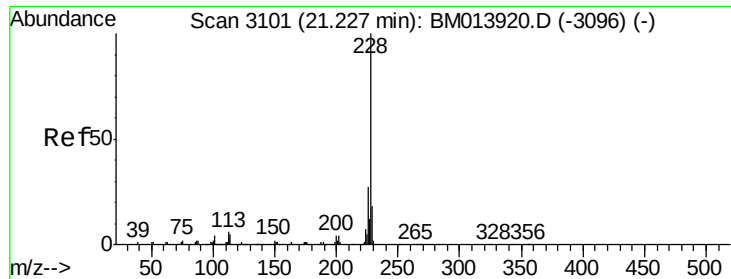
Delta R.T. 0.00 min

Lab File: BM013926.D

Acq: 28 Jan 2018 17:28

Tgt Ion:	228	Resp:	1035888
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.4	23.0
226	24.9	21.4	32.0





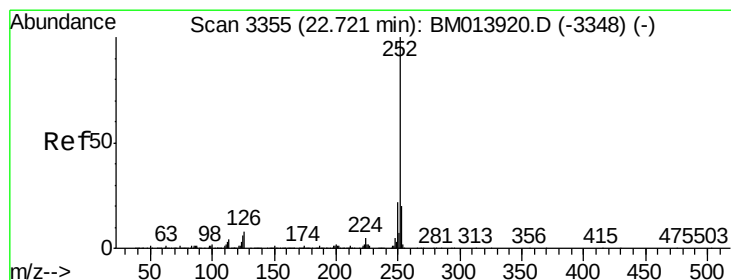
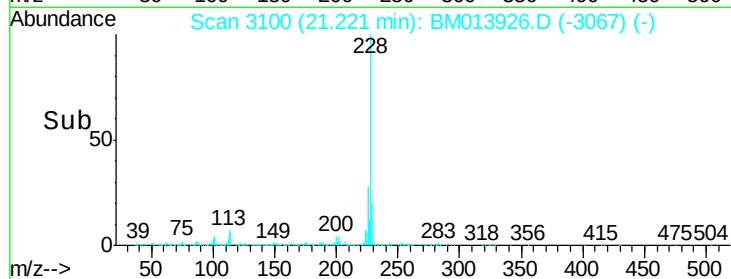
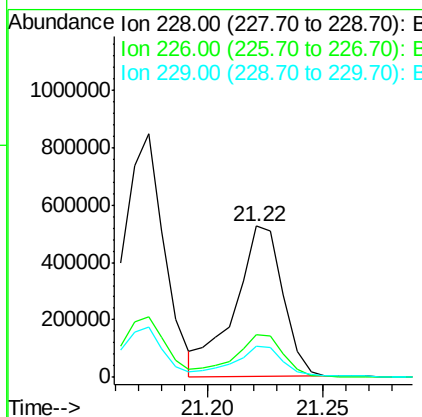
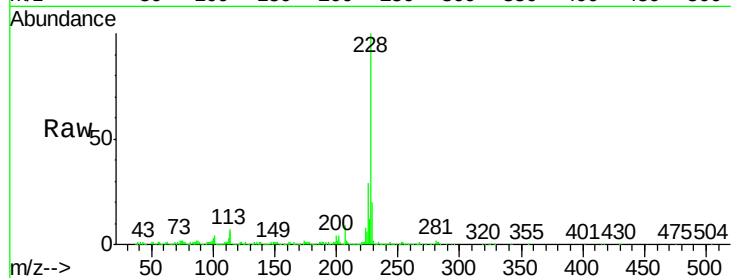
#82
Chrysene
Concen: 16.427 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM013926.D
Acq: 28 Jan 2018 17:28

Instrument :
BNA_M
ClientSampleId :
F6B32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.2
229	20.4	15.5	23.3

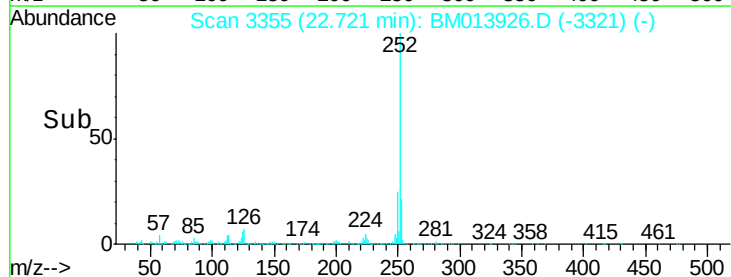
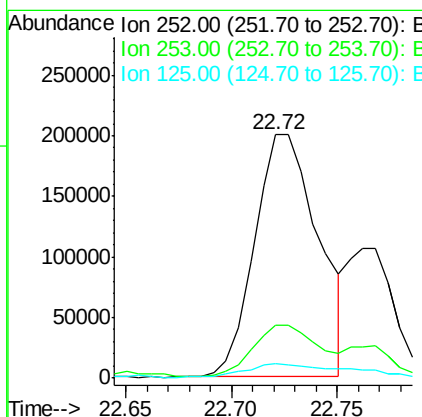
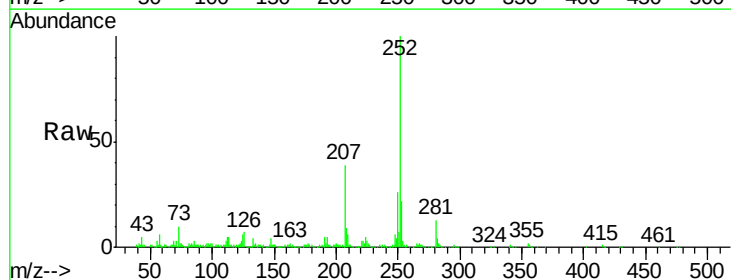
Manual Integrations
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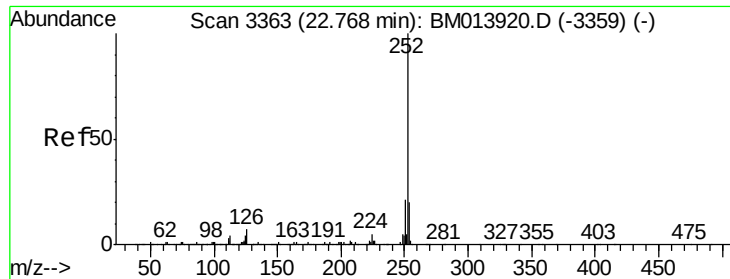
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#85
Benzo(b)fluoranthene
Concen: 8.312 ng/ul
RT: 22.72 min Scan# 3355
Delta R.T. 0.00 min
Lab File: BM013926.D
Acq: 28 Jan 2018 17:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	5.9	3.6	5.4#





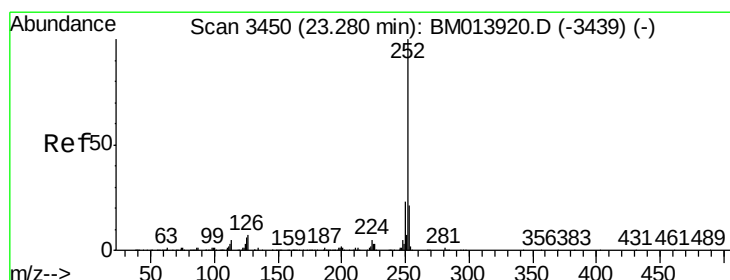
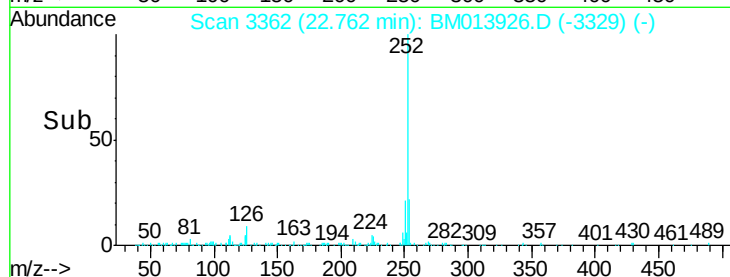
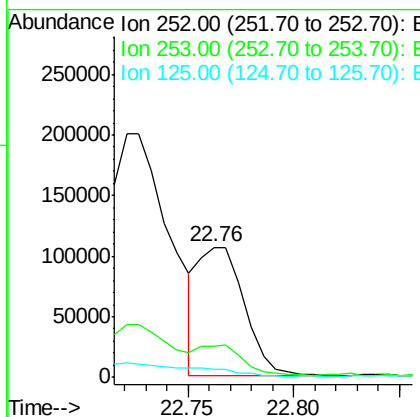
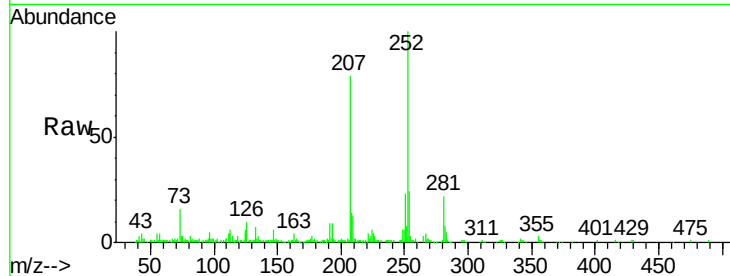
#86
Benzo(k)fluoranthene
Concen: 3.274 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BM013926.D
Acq: 28 Jan 2018 17:28

Instrument :
BNA_M
ClientSampled :
F6B32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	6.0	3.4	5.2

Manual Integrations
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#88
Benzo(a)pyrene
Concen: 5.037 ng/ul
RT: 23.28 min Scan# 3450
Delta R.T. 0.00 min
Lab File: BM013926.D
Acq: 28 Jan 2018 17:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.2	27.2
125	7.5	4.0	6.0

