

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013937.D
 Acq On : 29 Jan 2018 00:02
 Operator : SJ/JU
 Sample : J1233-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B19

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:08:09 PM

Quant Time: Feb 08 08:20:01 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	133992	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	530585	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	336081	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	718645	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	733928	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	746366	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	12053	3.56	ng/uL	0.00
5) Phenol-d5	6.76	99	225852	21.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	149234	23.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	199787	23.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	182176	23.04	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	103104	25.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	110275	25.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	211009	25.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	198369	27.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	719736	25.98	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	883881	25.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	70737	15.71	ng/ul	0.00
57) Fluorene-d10	15.23	176	632105	25.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	87902	20.32	ng/ul	0.00
70) Anthracene-d10	17.09	188	944020	26.97	ng/ul	0.00
76) Pyrene-d10	19.39	212	1008409	29.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	985386	28.72	ng/ul	0.00
Target Compounds				Ovalue		
6) Phenol	6.79	94	23779	2.305	ng/ul#	85
28) Naphthalene	10.40	128	777513	29.455	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	1232244	62.613	ng/ul	95
40) 1,1'-Biphenyl	13.06	154	187338	6.697	ng/ul	97
44) Dimethylphthalate	13.70	163	445923	16.374	ng/ul	97
49) Acenaphthene	14.29	153	429030	19.168	ng/ul	99
53) Dibenzofuran	14.63	168	1112625	33.043	ng/ul	97
58) Fluorene	15.29	166	710341	25.753	ng/ul	98
68) Pentachlorophenol	16.64	266	74229	15.289	ng/ul	95
69) Phenanthrene	17.03	178	5164106	129.275	ng/ul	99
71) Anthracene	17.12	178	556364	13.503	ng/ul	96
72) Carbazole	17.40	167	81324	2.391	ng/ul#	87
74) Fluoranthene	19.06	202	3372270	70.722	ng/ul#	96
77) Pyrene	19.42	202	2108776	47.263	ng/ul#	98
80) Benzo(a)anthracene	21.17	228	500188	11.279	ng/ul	98
82) Chrysene	21.22	228	385181	9.468	ng/ul	99
85) Benzo(b)fluoranthene	22.73	252	266072m	5.805	ng/ul	
86) Benzo(k)fluoranthene	22.76	252	103522	2.337	ng/ul	94
88) Benzo(a)pyrene	23.28	252	159025	3.673	ng/ul#	90

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

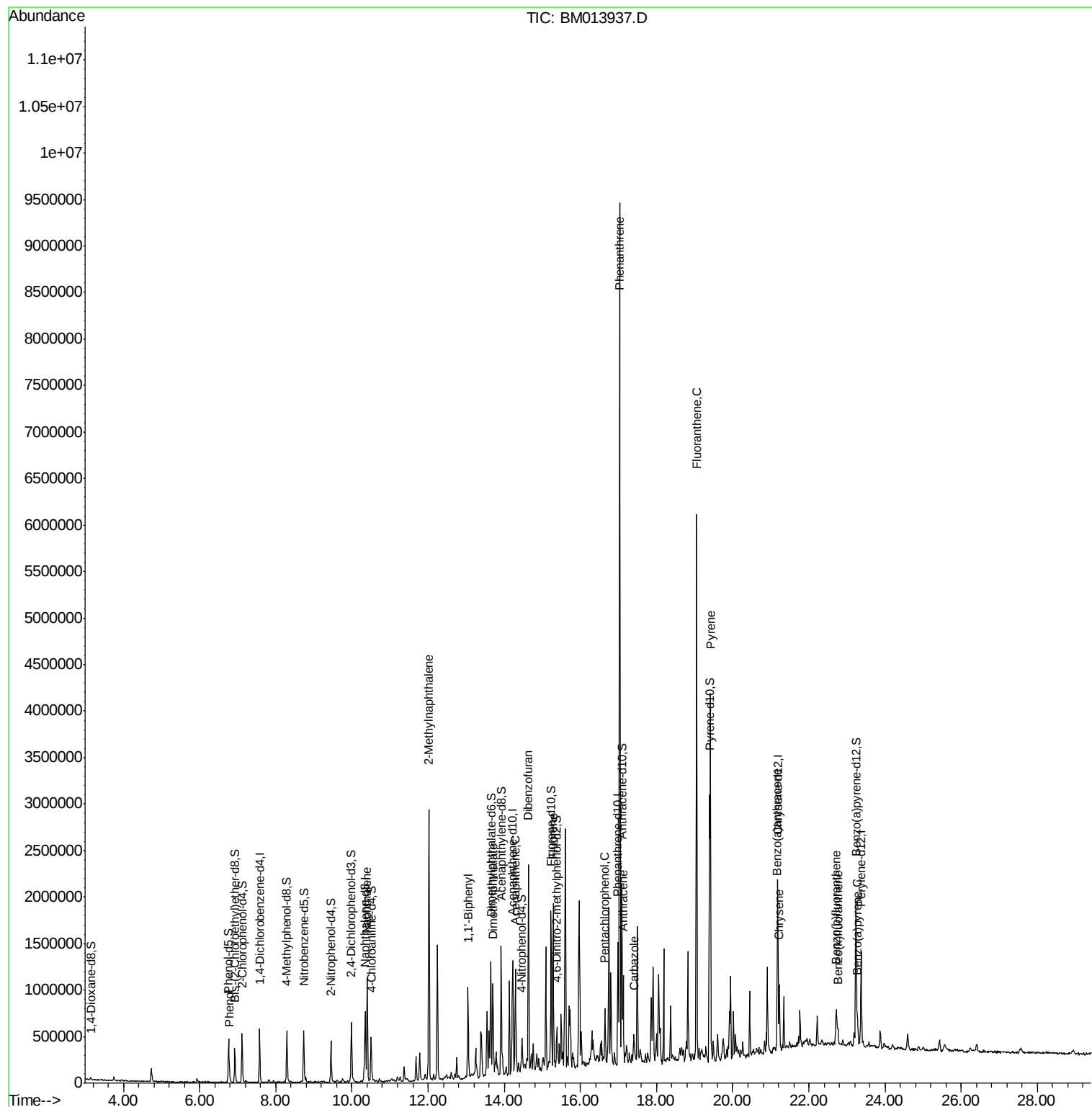
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

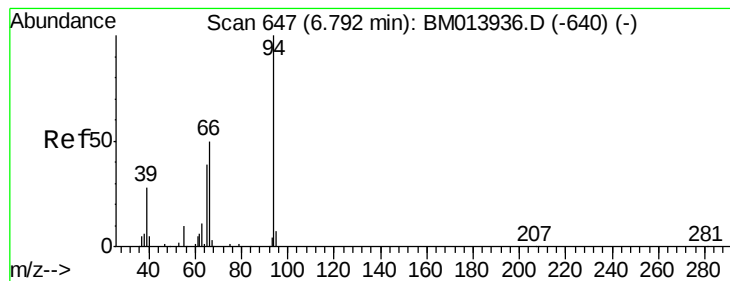
Instrument :
BNA_M
ClientSampleId :
F6B19

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1/29/2018 6:08:09 PM

Quant Time: Feb 08 08:20:01 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration





#6

Phenol

Concen: 2.305 ng/ul

RT: 6.79 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM013937.D

Acq: 29 Jan 2018 00:02

Instrument :

BNA_M

ClientSampleId :

F6B19

Tot Ion: 94 Resp: 23779

Ion Ratio Lower Upper

94 100

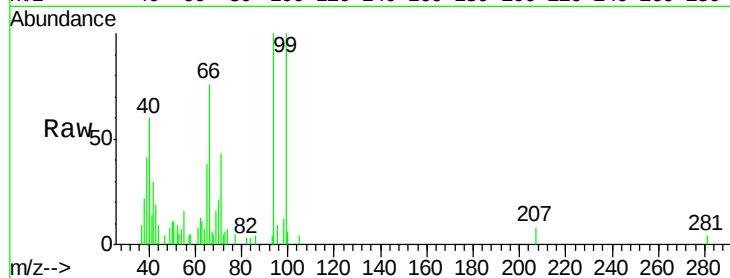
65 37.5 28.2 42.4

66 75.7 47.2 70.8#

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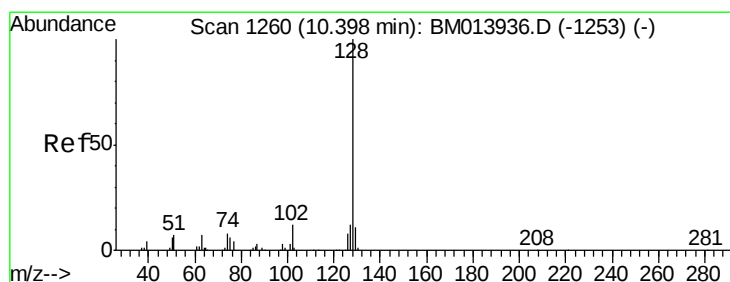
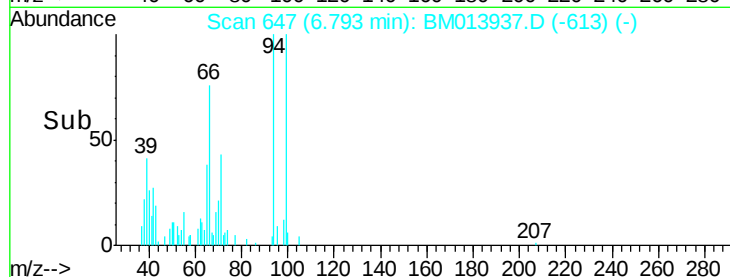
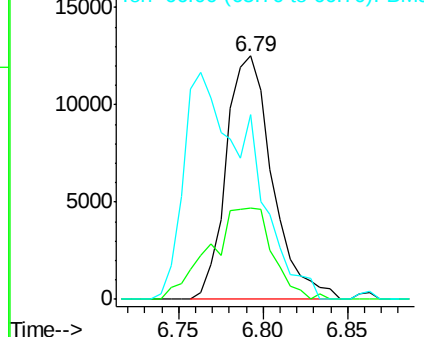
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Abundance Ion 94.00 (93.70 to 94.70): BM013936.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BM013936.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BM013936.D (-640) (-)



#28

Naphthalene

Concen: 29.455 ng/ul

RT: 10.40 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BM013937.D

Acq: 29 Jan 2018 00:02

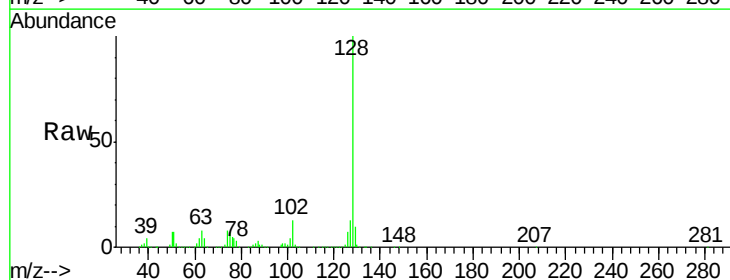
Tgt Ion: 128 Resp: 777513

Ion Ratio Lower Upper

128 100

129 10.4 8.8 13.2

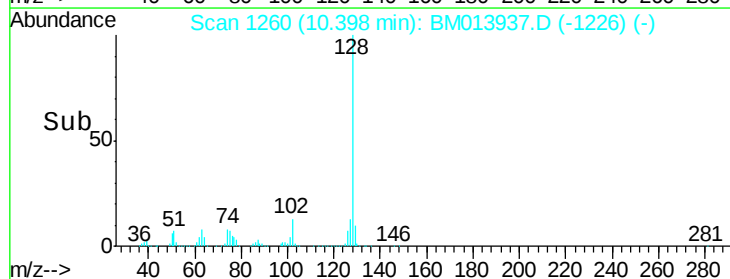
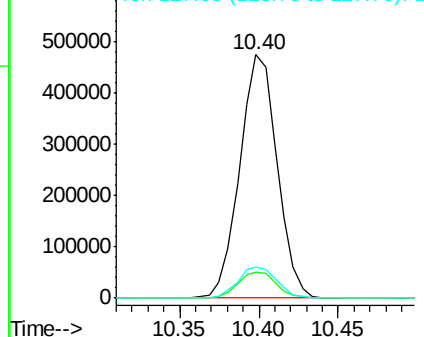
127 12.8 10.6 16.0

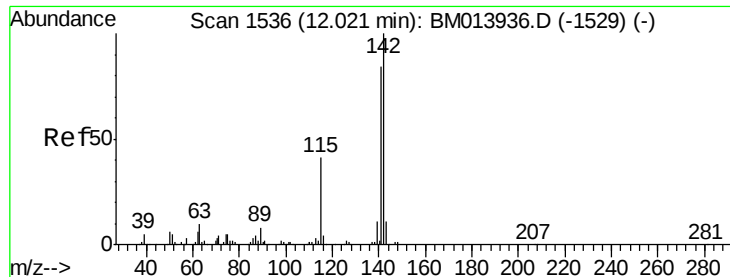


Abundance Ion 128.00 (127.70 to 128.70): BM013936.D (-1253) (-)

Ion 129.00 (128.70 to 129.70): BM013936.D (-1253) (-)

Ion 127.00 (126.70 to 127.70): BM013936.D (-1253) (-)





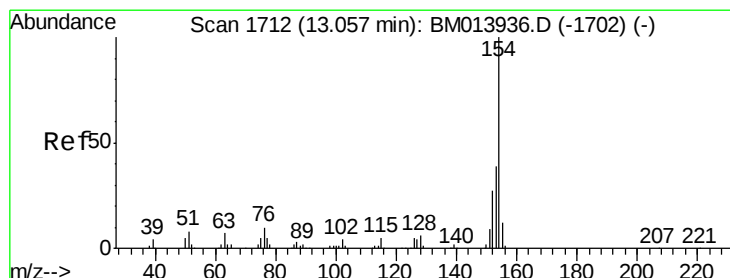
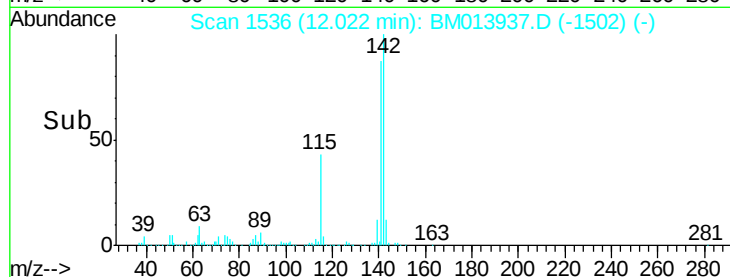
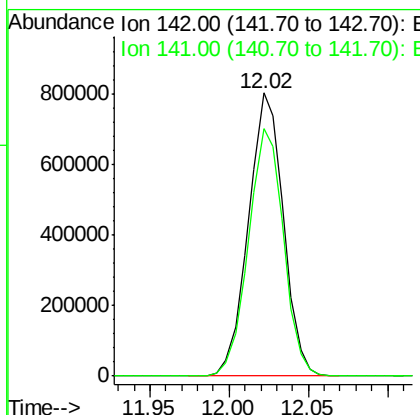
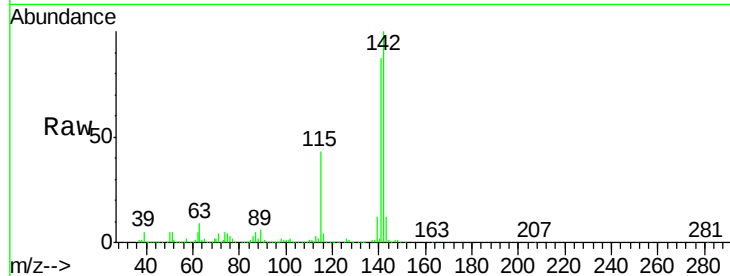
#34
 2-Methylnaphthalene
 Concen: 62.613 ng/ul
 RT: 12.02 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BM013937.D
 Acq: 29 Jan 2018 00:02

Instrument :
 BNA_M
 ClientSampleId :
 F6B19

Tot Ion:142 Resp: 1232244
 Ion Ratio Lower Upper
 142 100
 141 87.4 74.1 111.1

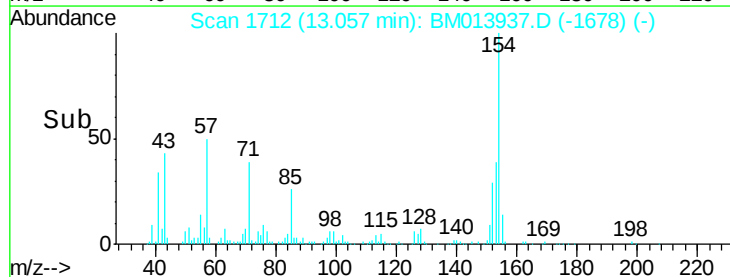
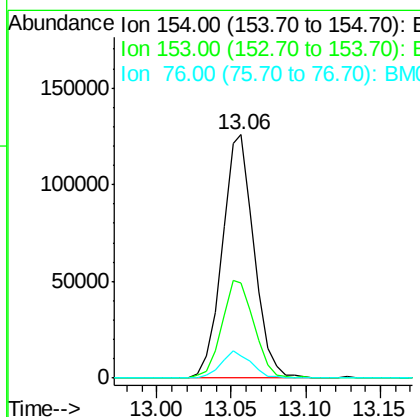
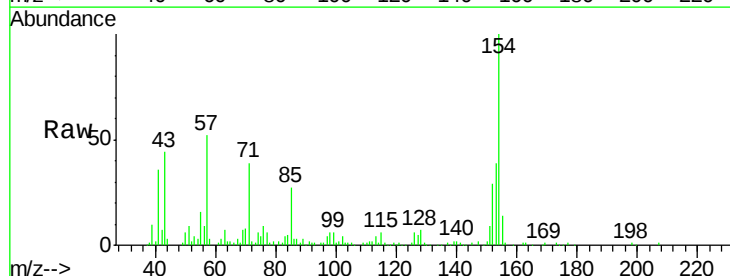
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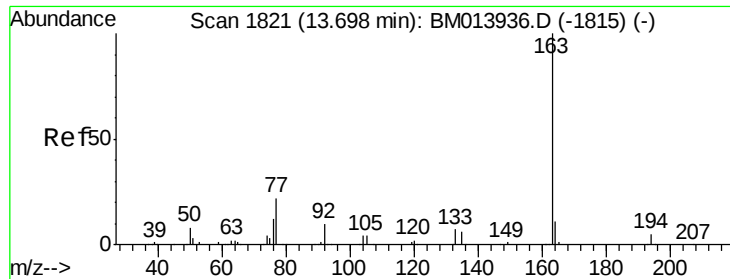
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#40
 1,1'-Biphenyl
 Concen: 6.697 ng/ul
 RT: 13.06 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BM013937.D
 Acq: 29 Jan 2018 00:02

Tgt Ion:154 Resp: 187338
 Ion Ratio Lower Upper
 154 100
 153 39.0 32.6 48.8
 76 9.2 8.5 12.7





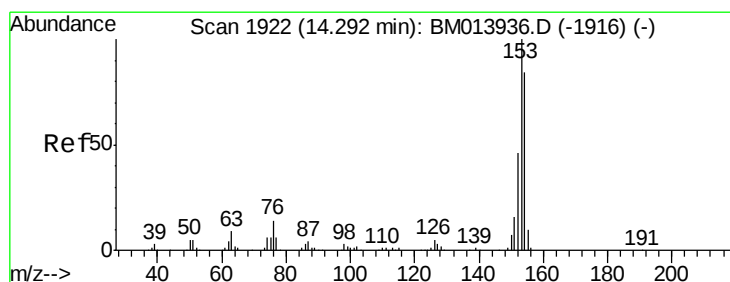
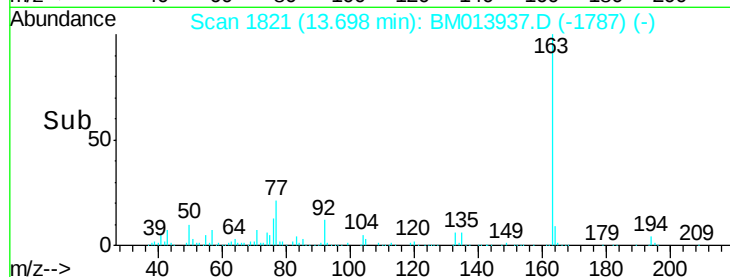
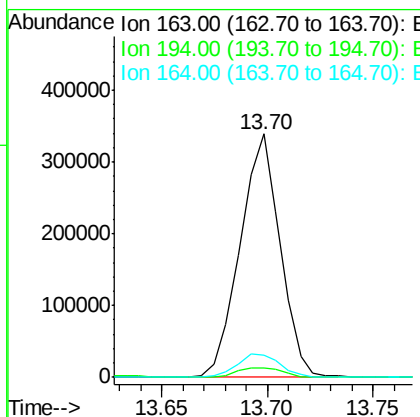
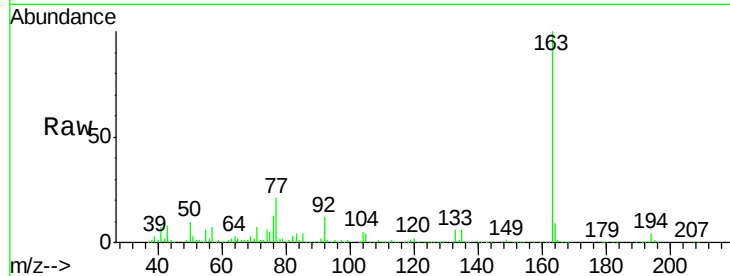
#44
Dimethylphthalate
Concen: 16.374 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Instrument :
BNA_M
ClientSampleId :
F6B19

Tot Ion	Ratio	Resp	Lower	Upper
163	100	445923		
194	4.0		3.5	5.3
164	8.9		8.2	12.4

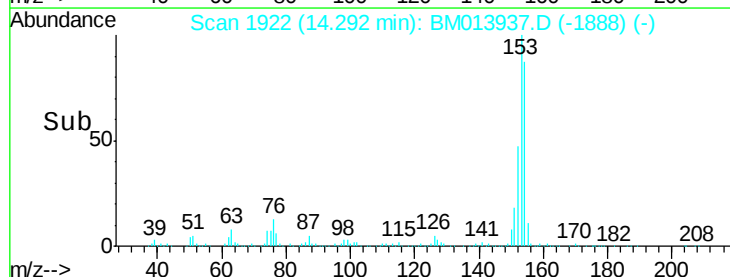
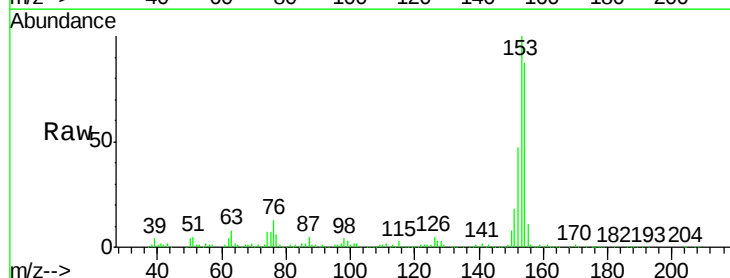
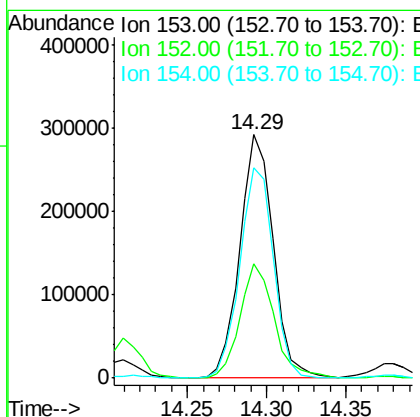
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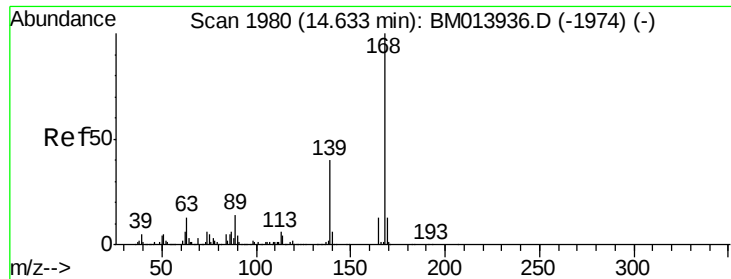
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#49
Acenaphthene
Concen: 19.168 ng/ul
RT: 14.29 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	429030		
152	46.8		37.6	56.4
154	86.6		70.4	105.6





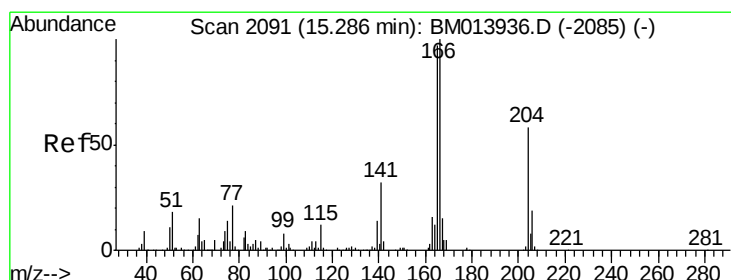
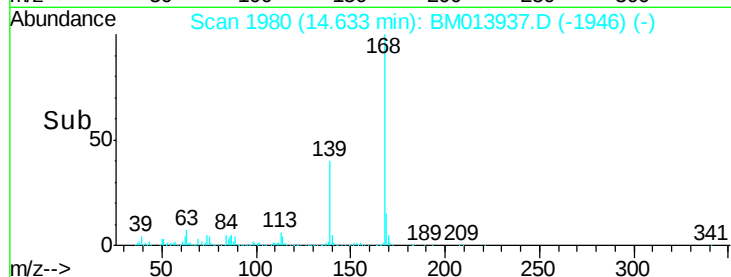
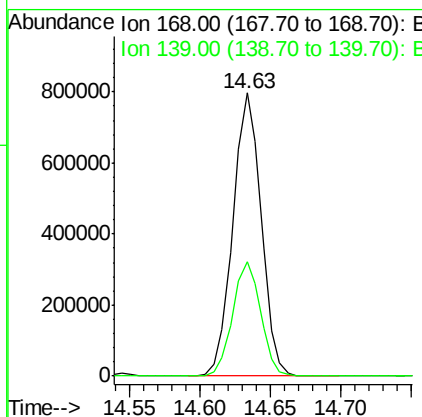
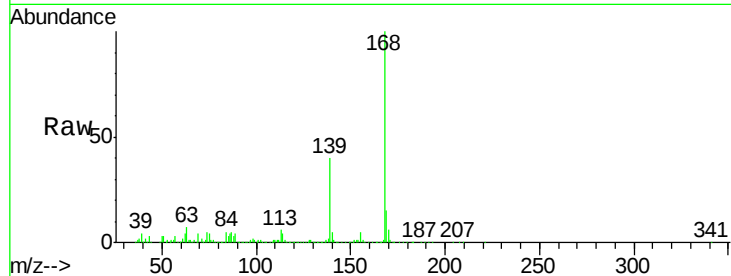
#53
Dibenzenofuran
Concen: 33.043 ng/ul
RT: 14.63 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Instrument :
BNA_M
ClientSampleId :
F6B19

Tot Ion:168 Resp: 1112625
Ion Ratio Lower Upper
168 100
139 40.2 30.8 46.2

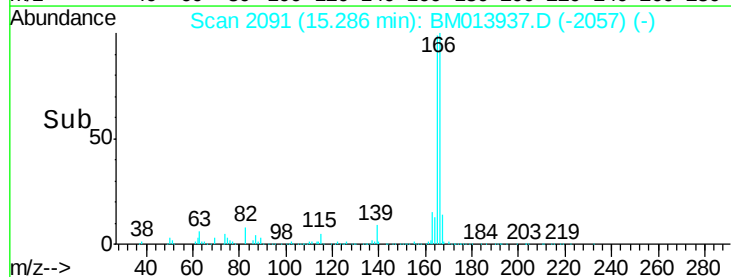
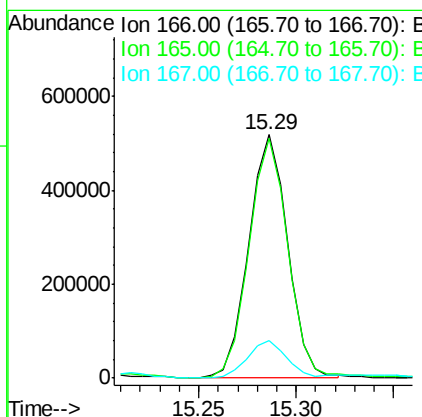
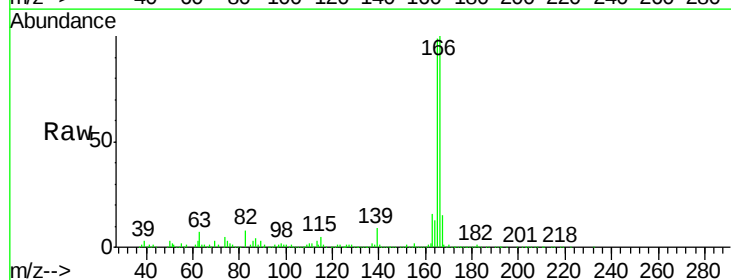
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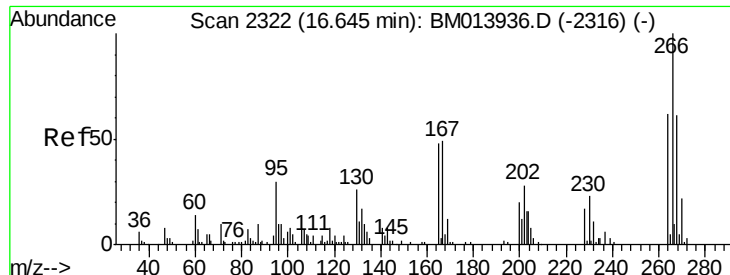
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#58
Fluorene
Concen: 25.753 ng/ul
RT: 15.29 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Tgt Ion:166 Resp: 710341
Ion Ratio Lower Upper
166 100
165 98.7 77.9 116.9
167 15.3 10.6 16.0





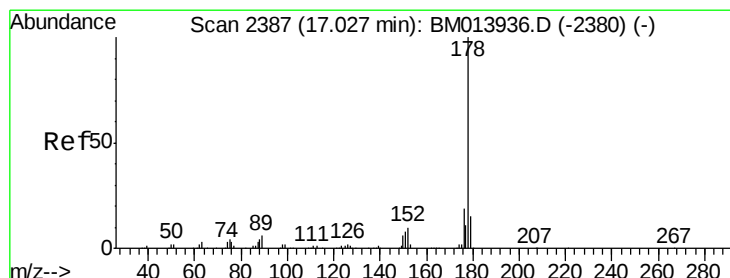
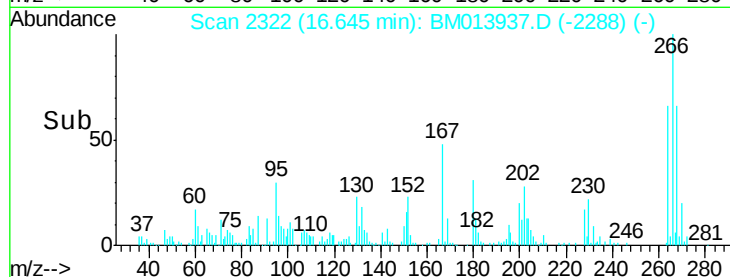
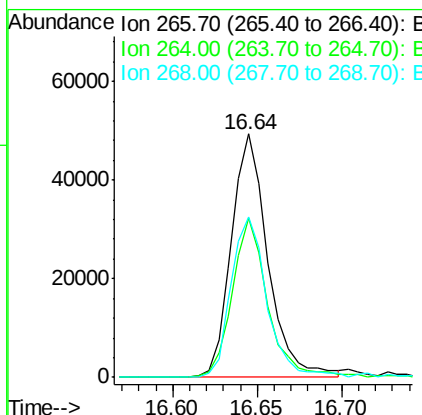
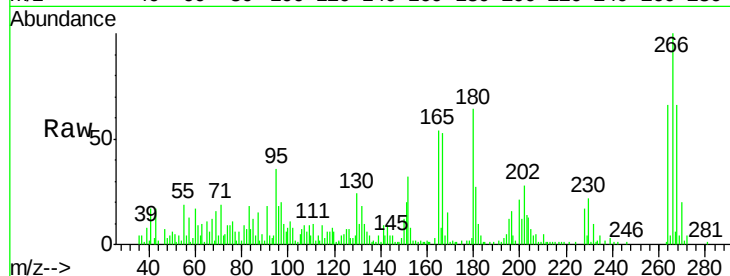
#68
 Pentachlorophenol
 Concen: 15.289 ng/ul
 RT: 16.64 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BM013937.D
 Acq: 29 Jan 2018 00:02

Instrument :
 BNA_M
 ClientSampleId :
 F6B19

Tot Ion	Ratio	Lower	Upper
266	100		
264	69.9	49.3	73.9
268	65.9	52.6	78.8

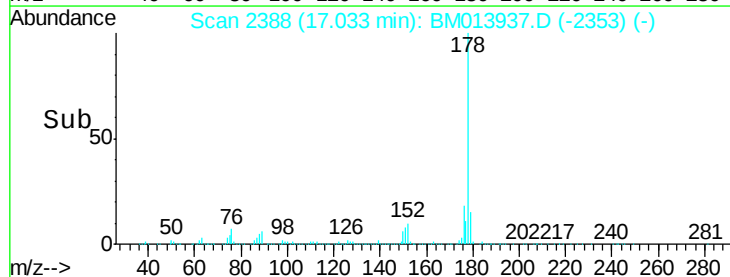
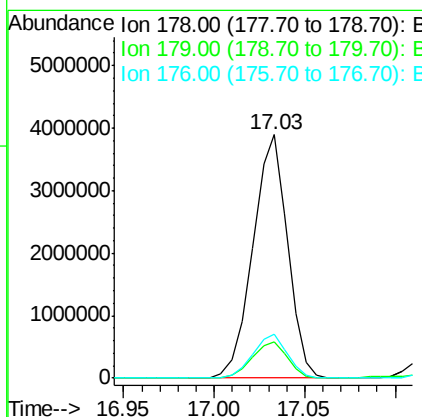
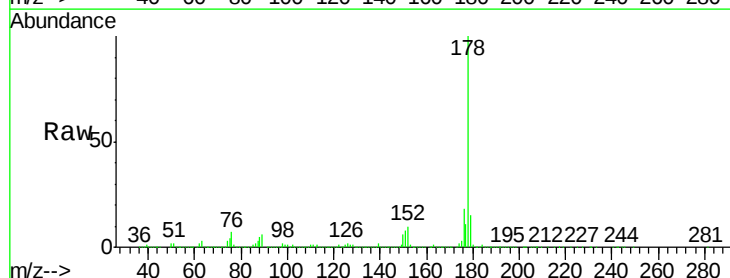
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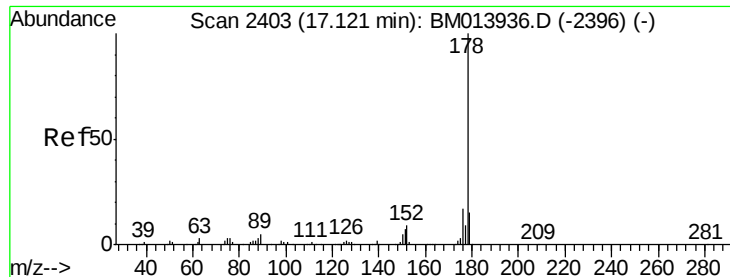
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#69
 Phenanthrene
 Concen: 129.275 ng/ul
 RT: 17.03 min Scan# 2388
 Delta R.T. 0.01 min
 Lab File: BM013937.D
 Acq: 29 Jan 2018 00:02

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.2	14.9	22.3





#71

Anthracene

Concen: 13.503 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BM013937.D

Acq: 29 Jan 2018 00:02

Instrument :

BNA_M

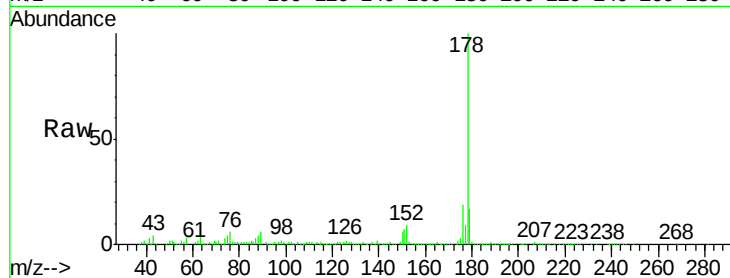
ClientSampled :

F6B19

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.6	11.7	17.5
176	19.3	14.6	21.8

Manual Integrations
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1/29/2018 6:08:09 PM

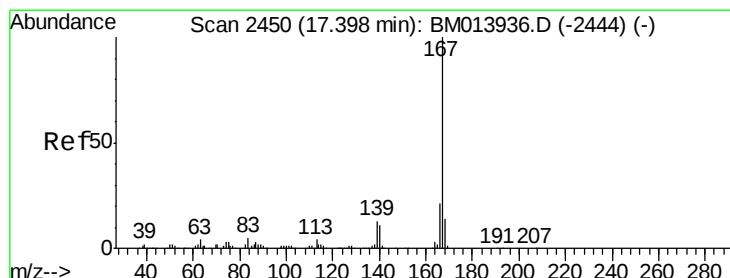
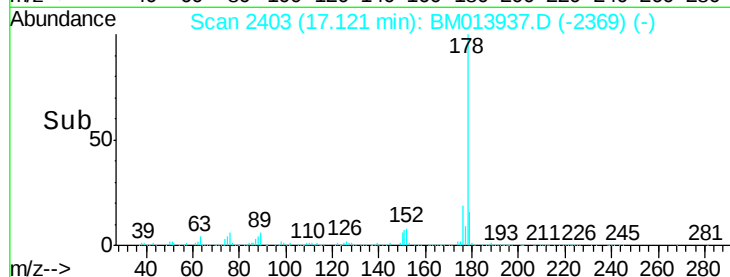
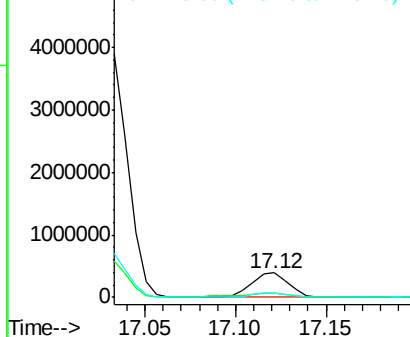


Abundance

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: 2.391 ng/ul

RT: 17.40 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BM013937.D

Acq: 29 Jan 2018 00:02

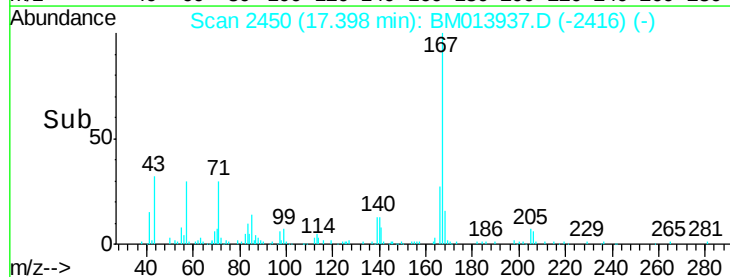
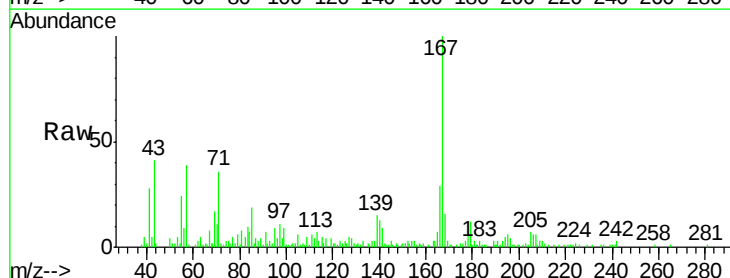
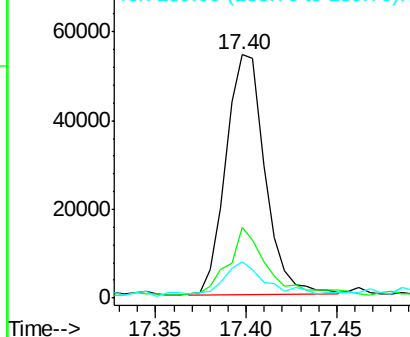
Tgt Ion	Ratio	Lower	Upper
167	100		
166	29.2	17.1	25.7#
139	15.1	10.0	15.0#

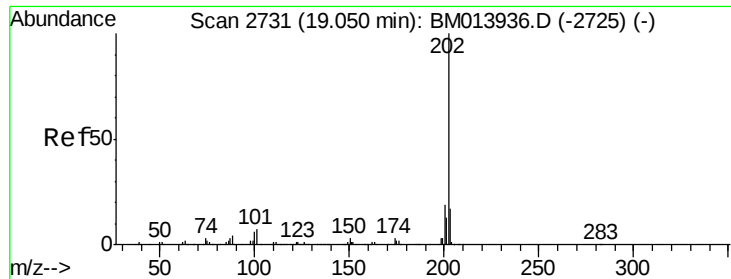
Abundance

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: 70.722 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. 0.01 min

Lab File: BM013937.D

Acq: 29 Jan 2018 00:02

Instrument :

BNA_M

ClientSampleId :

F6B19

Tot Ion:202 Resp: 3372270

Ion Ratio Lower Upper

202 100

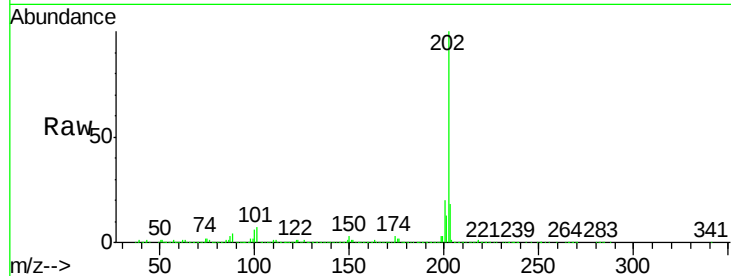
101 7.1 4.6 7.0#

100 5.7 3.4 5.2#

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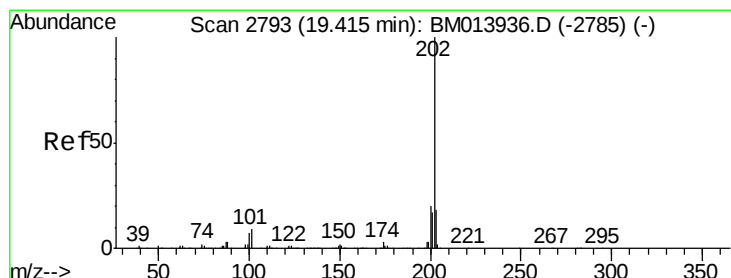
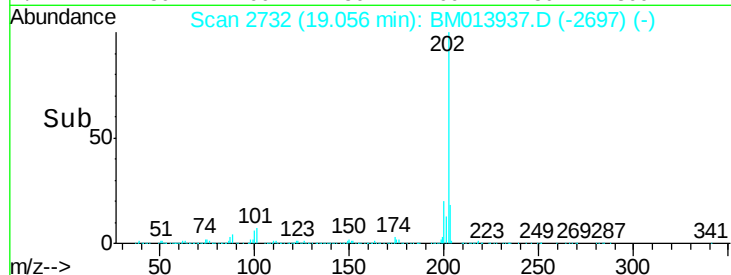
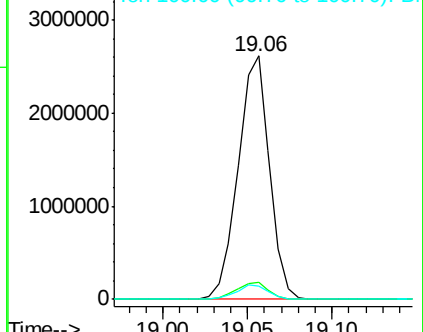
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 47.263 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. 0.01 min

Lab File: BM013937.D

Acq: 29 Jan 2018 00:02

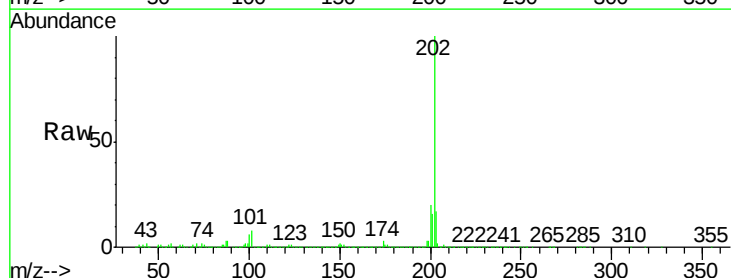
Tgt Ion:202 Resp: 2108776

Ion Ratio Lower Upper

202 100

101 7.8 5.1 7.7#

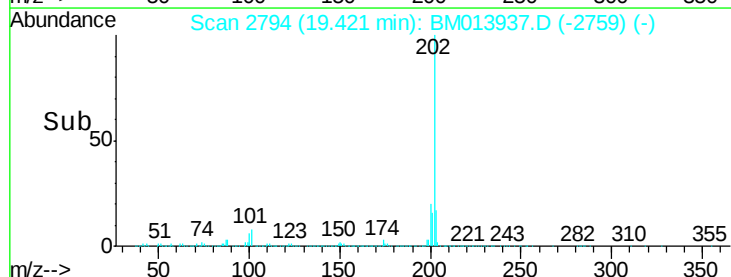
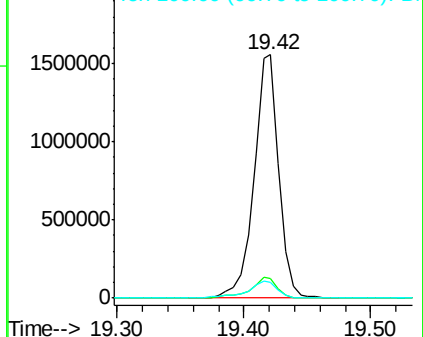
100 6.3 4.9 7.3

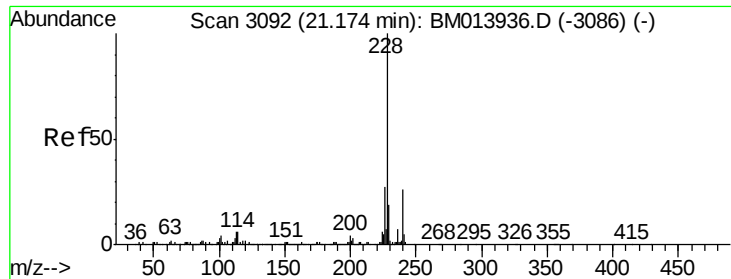


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





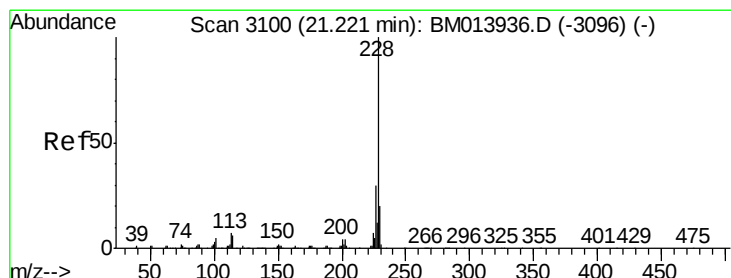
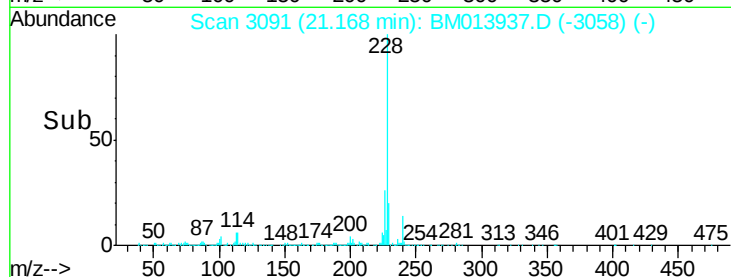
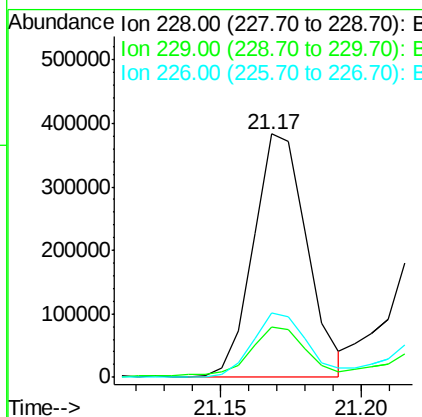
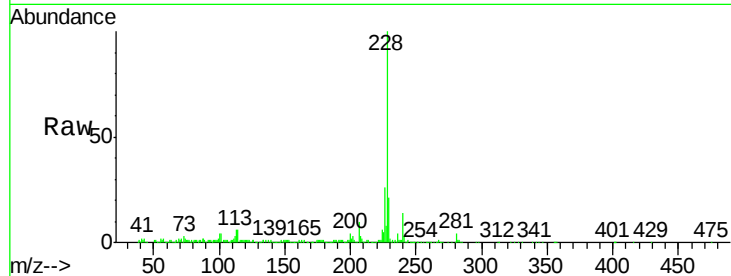
#80
Benzo(a)anthracene
Concen: 11.279 ng/ul
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Instrument :
BNA_M
ClientSampled :
F6B19

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.0
226	26.5	21.4	32.0

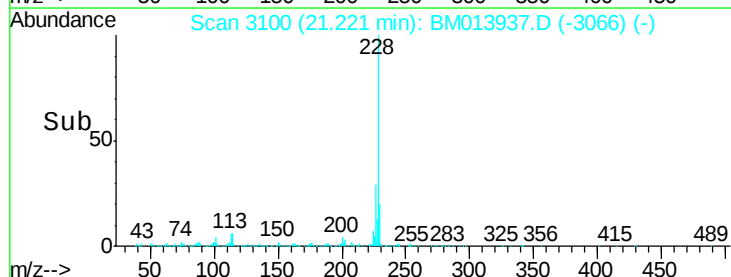
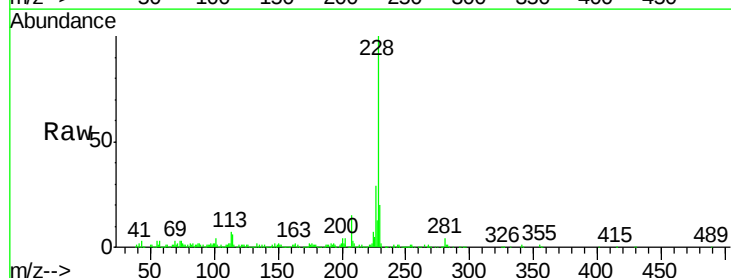
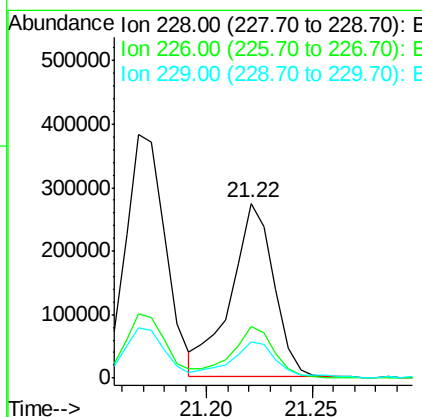
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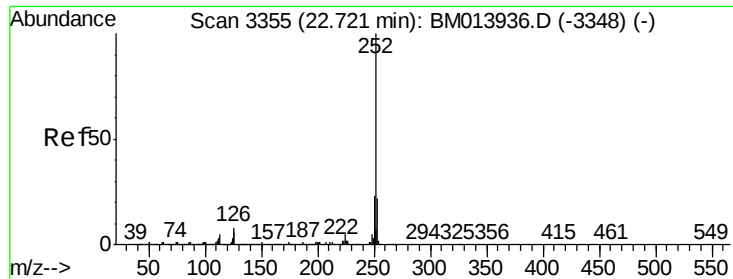
Sohil
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#82
Chrysene
Concen: 9.468 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	20.5	15.5	23.3





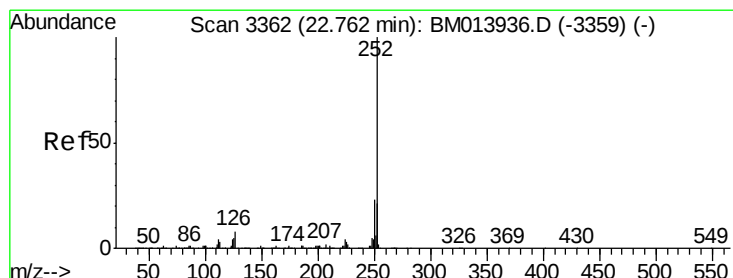
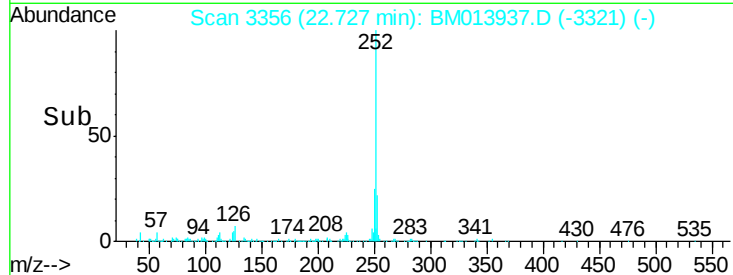
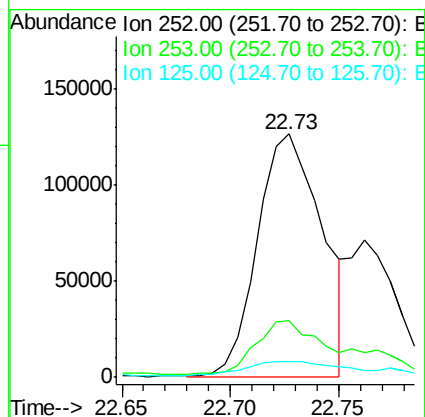
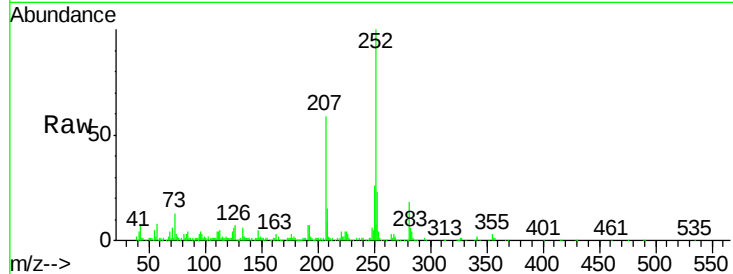
#85
Benzo(b)fluoranthene
Concen: 5.805 ng/u1 m
RT: 22.73 min Scan# 3356
Delta R.T. 0.01 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Instrument :
BNA_M
ClientSampleId :
F6B19

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	6.4	3.6	5.4

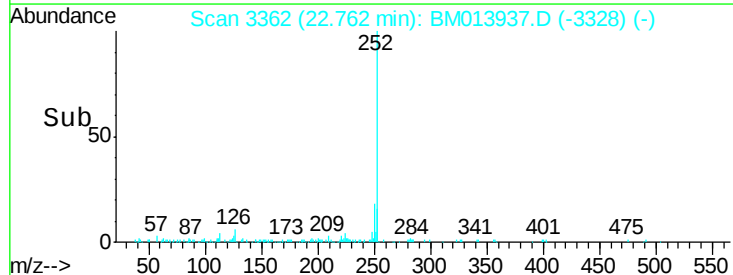
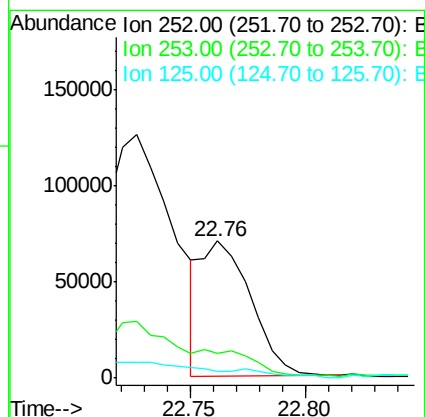
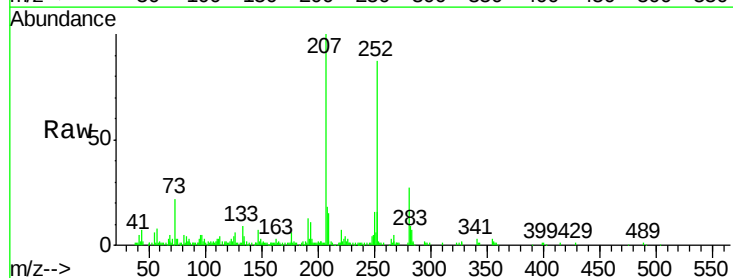
Manual Integrations
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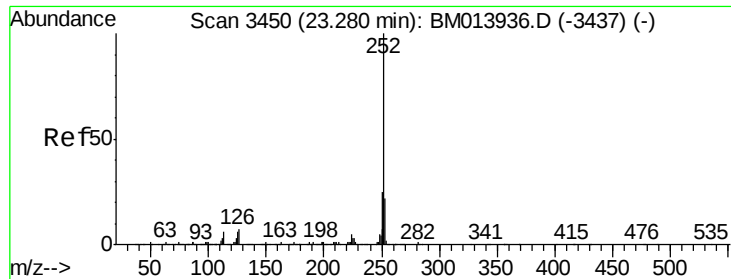
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#86
Benzo(k)fluoranthene
Concen: 2.337 ng/u1
RT: 22.76 min Scan# 3362
Delta R.T. 0.00 min
Lab File: BM013937.D
Acq: 29 Jan 2018 00:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	18.0	17.1	25.7
125	5.1	3.4	5.2





#88

Benzo(a)pyrene

Concen: 3.673 ng/ul

RT: 23.28 min Scan# 3450

Delta R.T. 0.00 min

Lab File: BM013937.D

Acq: 29 Jan 2018 00:02

Instrument :

BNA_M

ClientSampleId :

F6B19

Tot Ion	Ratio	Lower	Upper
252	100		
253	17.7	18.2	27.2#
125	7.4	4.0	6.0#

Manual Integrations
APPROVED

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