

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM012418\
 Data File : BM013792.D
 Acq On : 25 Jan 2018 05:34
 Operator : SJ/JU
 Sample : J1222-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A96

Manual Integrations
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Sohil
 1/25/2018 5:35:52 PM

Quant Time: Feb 07 10:26:25 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 25 03:36:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	170915	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	636491	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	352530	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	747873	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	792396	20.00	ng/ul	0.00
83) Perylene-d12	23.40	264	802183	20.00	ng/ul	0.00

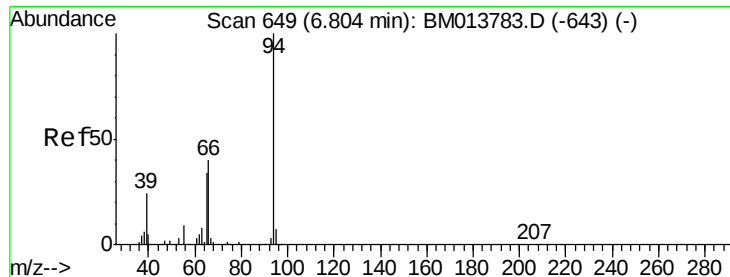
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	9540	2.21	ng/uL	0.00
5) Phenol-d5	6.78	99	215590	16.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	142549	17.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	195037	18.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	108846	10.79	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	101223	20.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	114295	21.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	194428	19.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	210256	24.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	608188	20.93	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	767162	20.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	83084	17.60	ng/ul	0.00
57) Fluorene-d10	15.24	176	530575	20.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	54220	12.04	ng/ul	0.00
70) Anthracene-d10	17.10	188	773201	21.23	ng/ul	0.00
76) Pyrene-d10	19.40	212	883295	23.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	822155	22.30	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.80	94	34094	2.591	ng/ul#	86
34) 2-Methylnaphthalene	12.04	142	39451	1.671	ng/ul	81
44) Dimethylphthalate	13.71	163	164091	5.744	ng/ul#	98
49) Acenaphthene	14.31	153	241002	10.265	ng/ul	99
53) Dibenzofuran	14.65	168	127933	3.622	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.89	232	53399	7.216	ng/ul#	71
58) Fluorene	15.30	166	118121	4.083	ng/ul#	94
68) Pentachlorophenol	16.66	266	1581035	312.920	ng/ul	98
69) Phenanthrene	17.04	178	629326	15.139	ng/ul	99
71) Anthracene	17.13	178	177858m	4.148	ng/ul	
74) Fluoranthene	19.07	202	5229369	105.382	ng/ul#	94
77) Pyrene	19.44	202	3987840	82.783	ng/ul#	94
80) Benzo(a)anthracene	21.19	228	712921	14.890	ng/ul	98
82) Chrysene	21.24	228	706191	16.077	ng/ul	97
85) Benzo(b)fluoranthene	22.74	252	353935	7.184	ng/ul#	92
86) Benzo(k)fluoranthene	22.79	252	84526	1.775	ng/ul#	84
88) Benzo(a)pyrene	23.30	252	172480	3.706	ng/ul#	90

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



#6

Phenol

Concen: 2.591 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM013792.D

Acq: 25 Jan 2018 05:34

Instrument :

BNA_M

ClientSampleId :

F6A96

Tgt Ion: 94 Resp: 34094

Ion Ratio Lower Upper

94 100

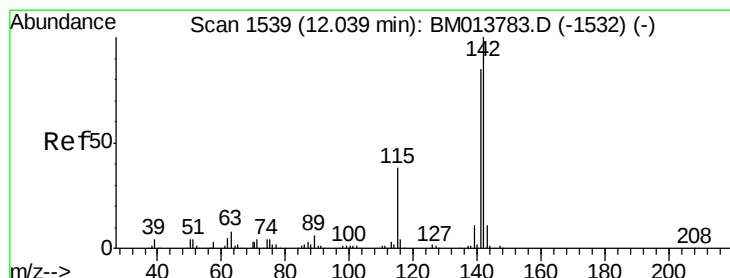
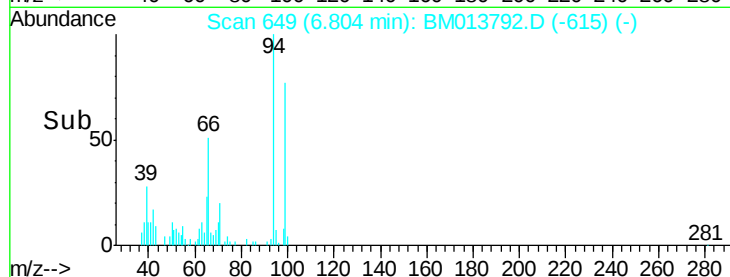
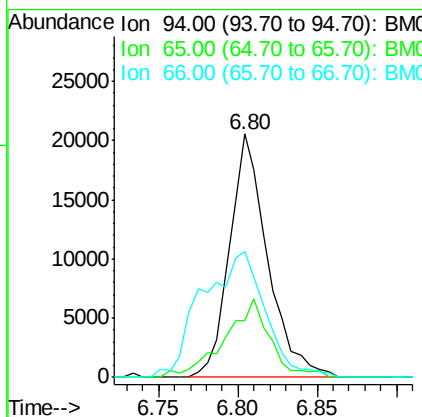
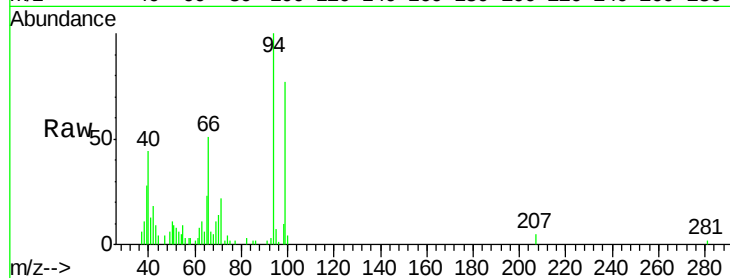
65 23.2 28.2 42.4#

66 51.5 47.2 70.8

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#34

2-Methylnaphthalene

Concen: 1.671 ng/ul

RT: 12.04 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BM013792.D

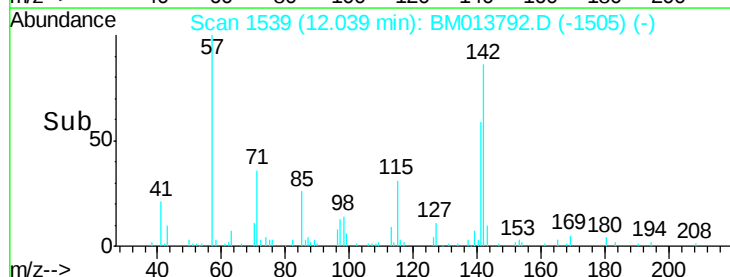
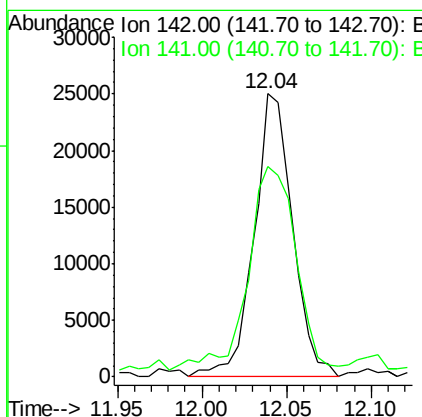
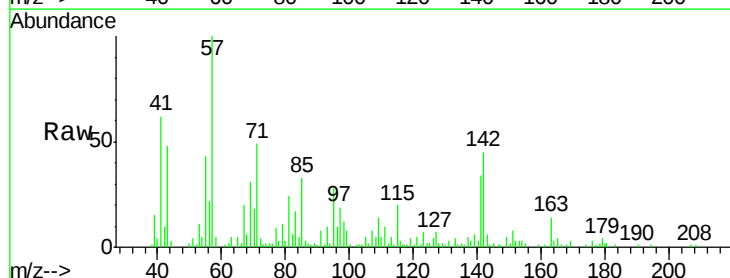
Acq: 25 Jan 2018 05:34

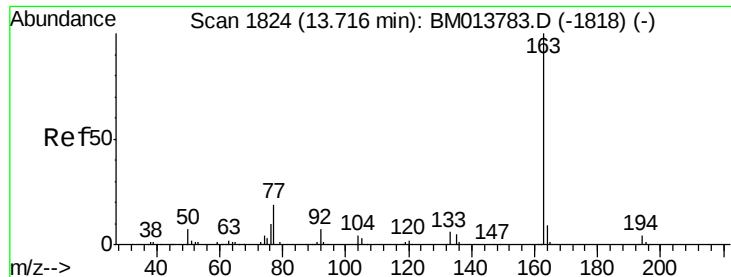
Tgt Ion: 142 Resp: 39451

Ion Ratio Lower Upper

142 100

141 74.5 74.1 111.1





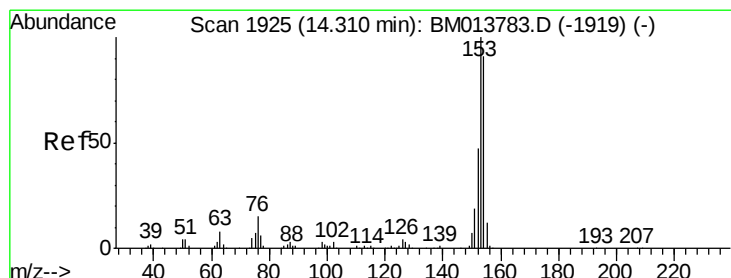
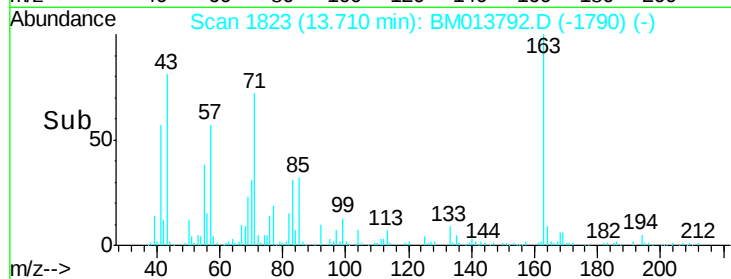
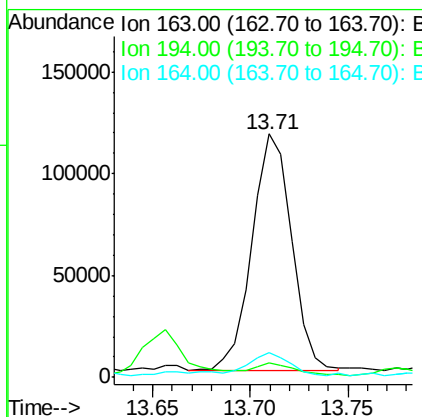
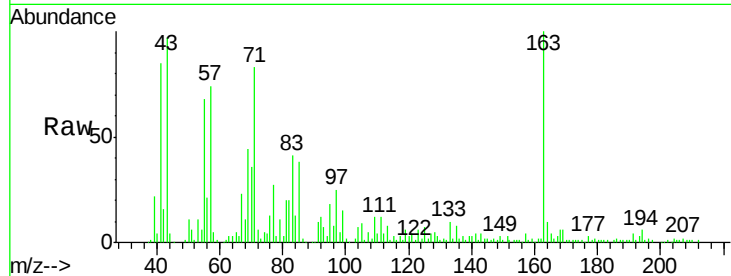
#44
Dimethylphthalate
Concen: 5.744 ng/ul
RT: 13.71 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BM013792.D
Acq: 25 Jan 2018 05:34

Instrument :
BNA_M
ClientSampleId :
F6A96

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	164091		
194	5.9	3.5	5.3#	
164	10.2	8.2	12.4	

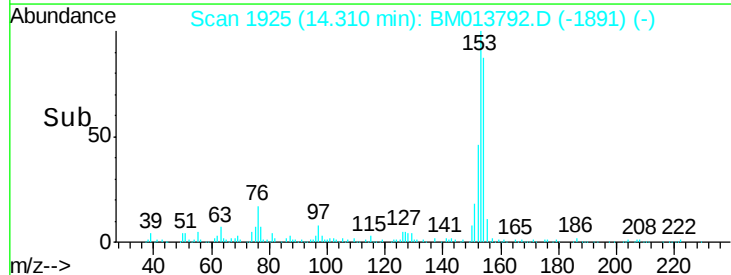
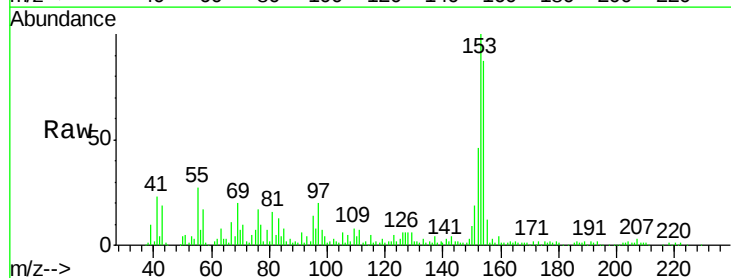
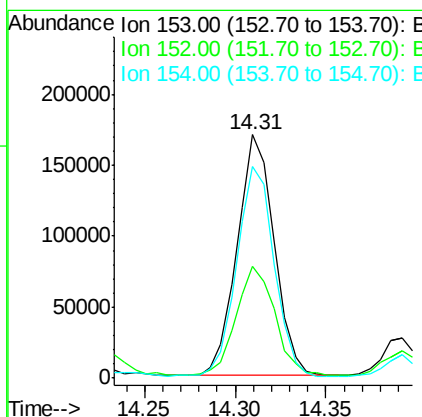
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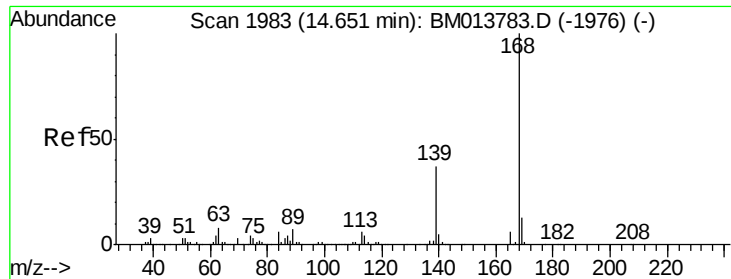
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#49
Acenaphthene
Concen: 10.265 ng/ul
RT: 14.31 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM013792.D
Acq: 25 Jan 2018 05:34

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	241002		
152	46.2	37.6	56.4	
154	86.7	70.4	105.6	





#53

Dibenzofuran

Concen: 3.622 ng/ul

RT: 14.65 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BM013792.D

Acq: 25 Jan 2018 05:34

Instrument :

BNA_M

ClientSampled :

F6A96

Tgt Ion:168 Resp: 127933

Ion Ratio Lower Upper

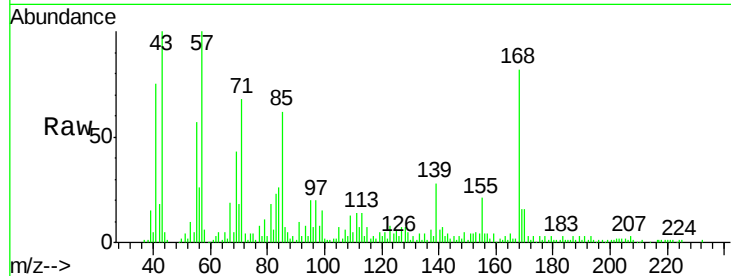
168 100

139 34.0 30.8 46.2

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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.65

100000

80000

60000

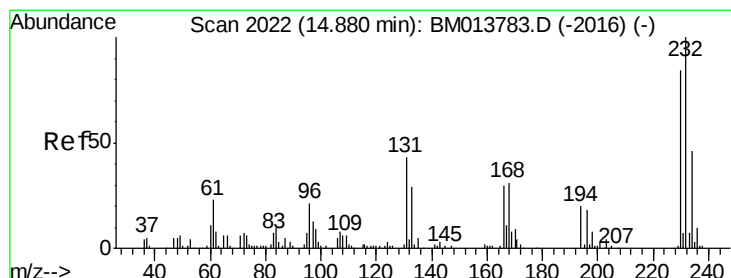
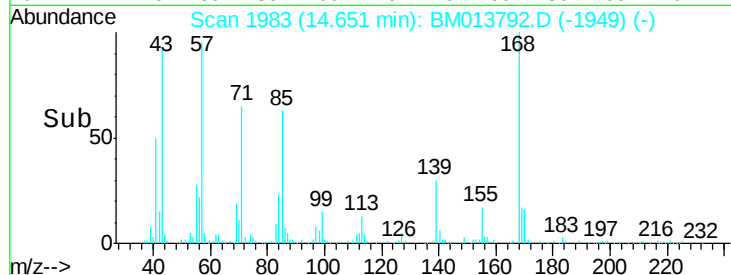
40000

20000

0

14.60 14.65 14.70

Time-->



#55

2,3,4,6-Tetrachlorophenol

Concen: 7.216 ng/ul

RT: 14.89 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BM013792.D

Acq: 25 Jan 2018 05:34

Tgt Ion:232 Resp: 53399

Ion Ratio Lower Upper

232 100

131 57.8 29.0 43.4#

130 9.7 2.0 3.0#

166 36.7 21.4 32.2#

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

50000

40000

30000

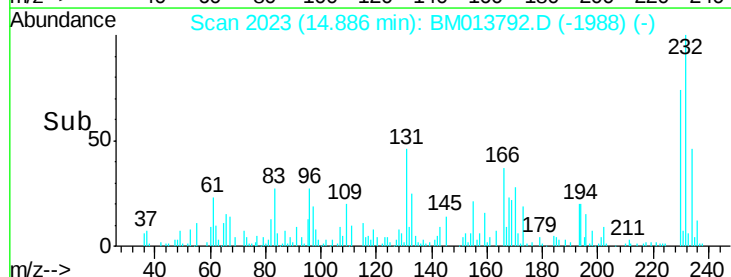
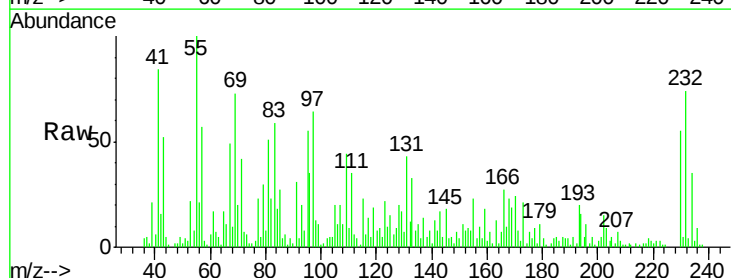
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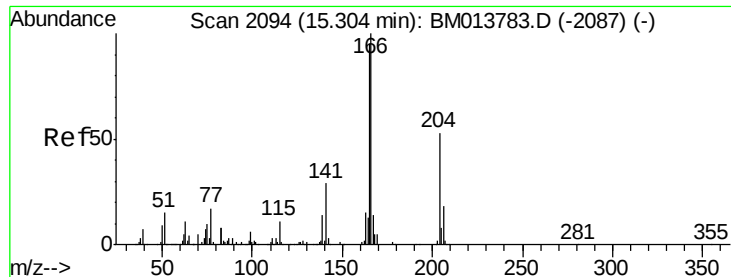
10000

0

14.85 14.89 14.93

Time-->





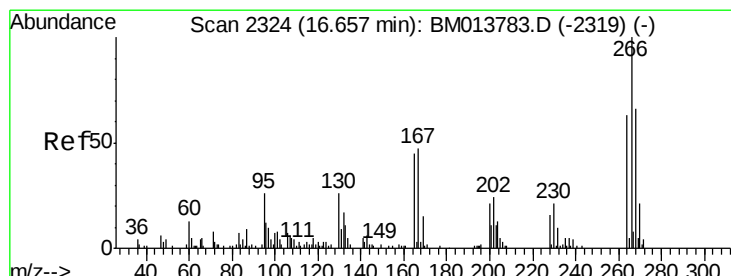
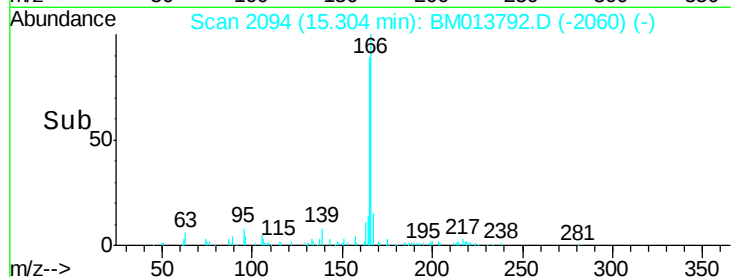
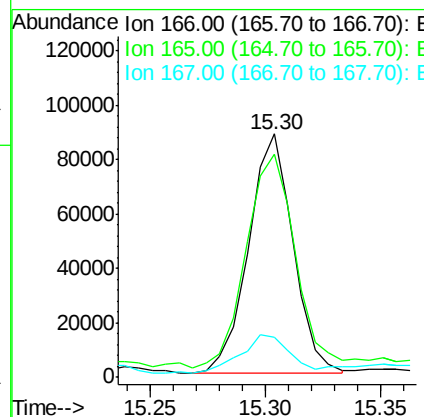
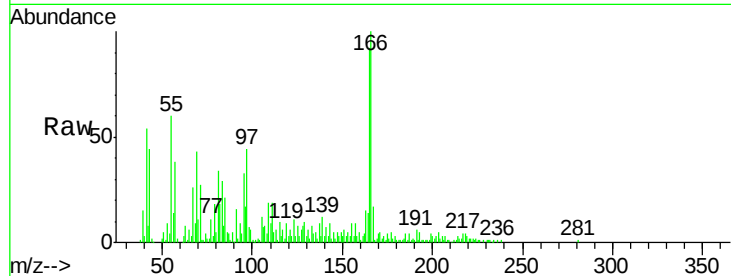
#58
 Fluorene
 Concen: 4.083 ng/ul
 RT: 15.30 min Scan# 2094
 Delta R.T. 0.00 min
 Lab File: BM013792.D
 Acq: 25 Jan 2018 05:34

Instrument :
 BNA_M
 ClientSampleId :
 F6A96

Tgt Ion	Ratio	Lower	Upper
166	100		
165	91.8	77.9	116.9
167	16.6	10.6	16.0#

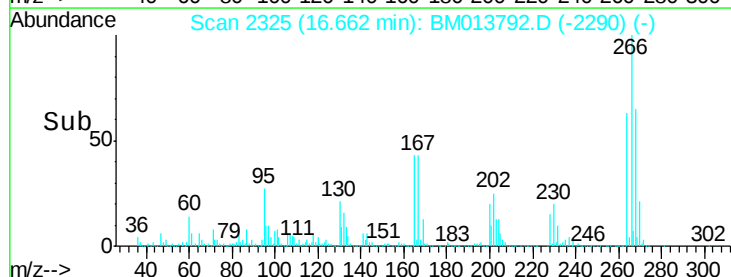
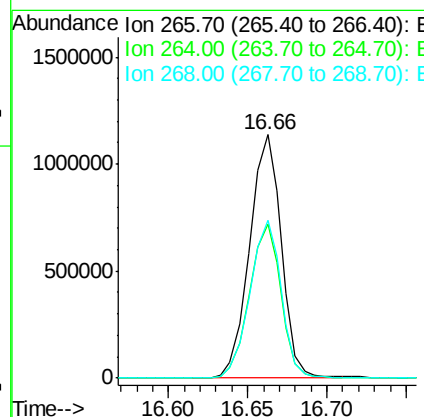
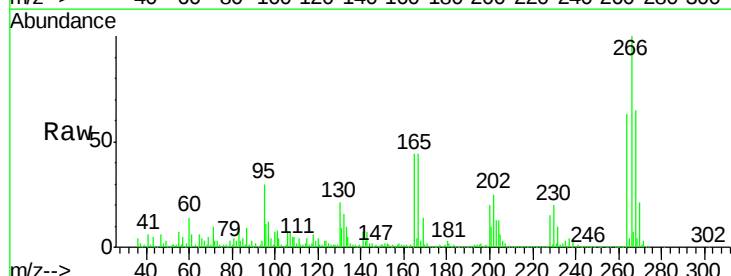
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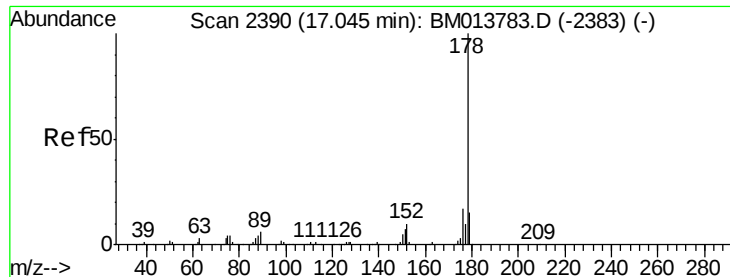
Sohil
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#68
 Pentachlorophenol
 Concen: 312.920 ng/ul
 RT: 16.66 min Scan# 2325
 Delta R.T. 0.01 min
 Lab File: BM013792.D
 Acq: 25 Jan 2018 05:34

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.3	73.9
268	65.0	52.6	78.8





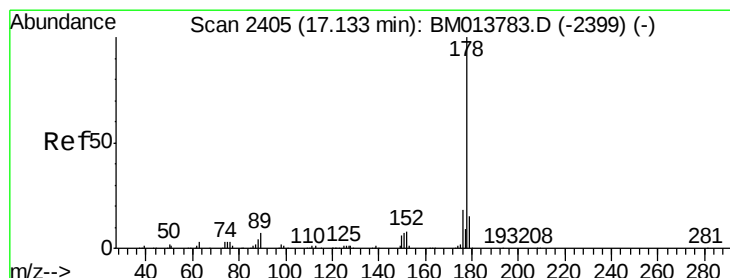
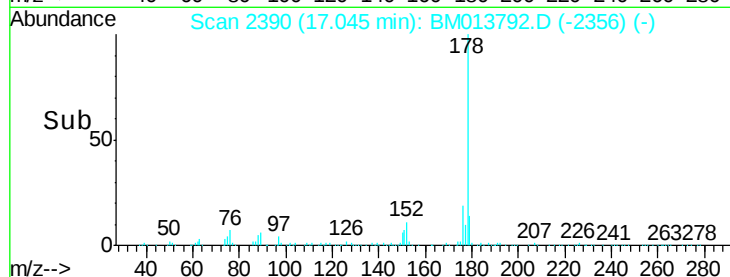
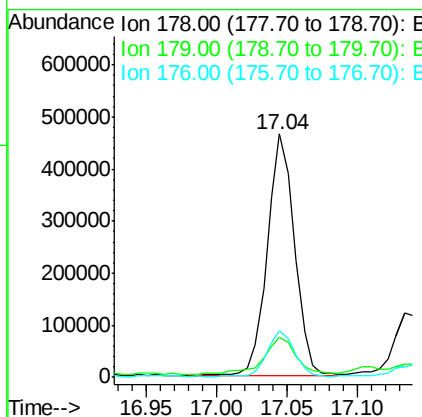
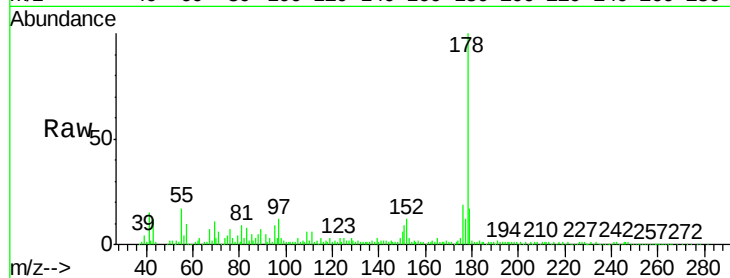
#69
Phenanthrene
Concen: 15.139 ng/ul
RT: 17.04 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BM013792.D
Acq: 25 Jan 2018 05:34

Instrument :
BNA_M
ClientSampleId :
F6A96

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.6	19.0
176	19.0	14.9	22.3

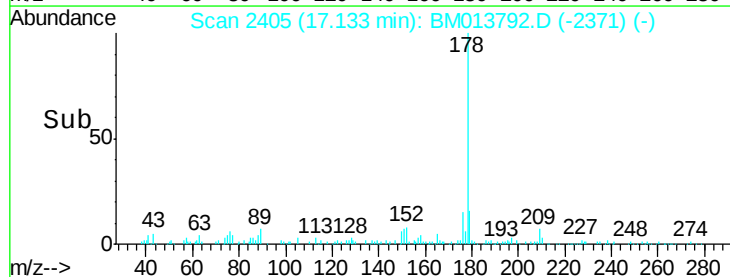
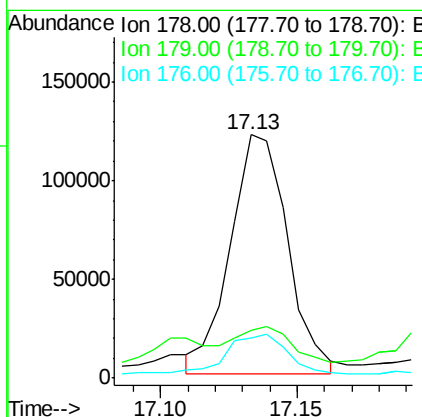
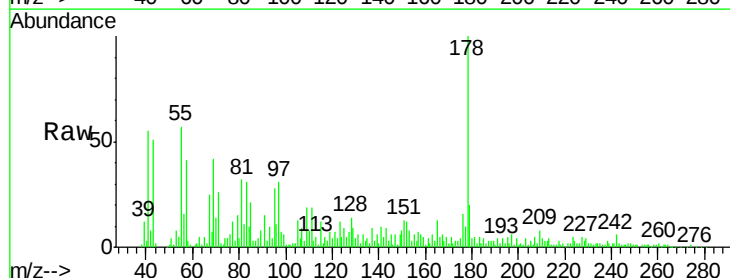
Manual Integrations
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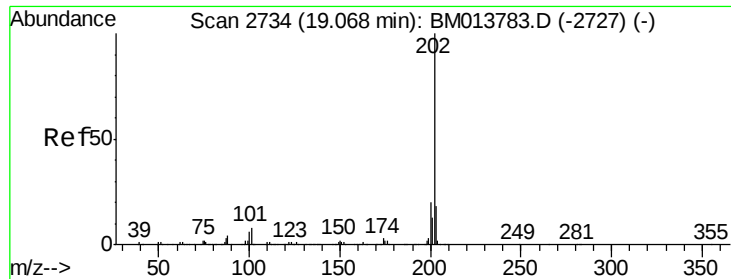
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#71
Anthracene
Concen: 4.148 ng/ul m
RT: 17.13 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BM013792.D
Acq: 25 Jan 2018 05:34

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.8	11.7	17.5#
176	16.4	14.6	21.8





#74

Fluoranthene

Concen: 105.382 ng/ul

RT: 19.07 min Scan# 2735

Delta R.T. 0.01 min

Lab File: BM013792.D

Acq: 25 Jan 2018 05:34

Instrument :

BNA_M

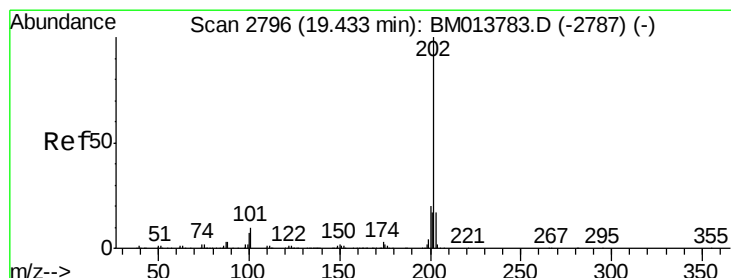
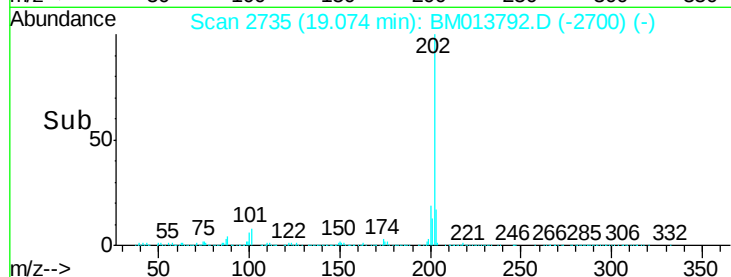
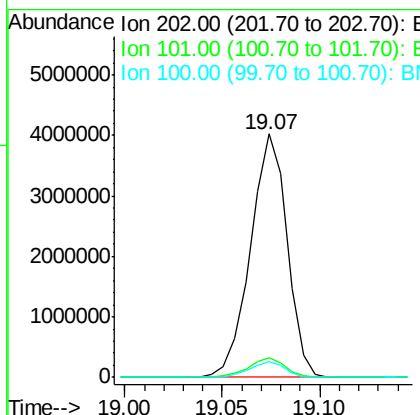
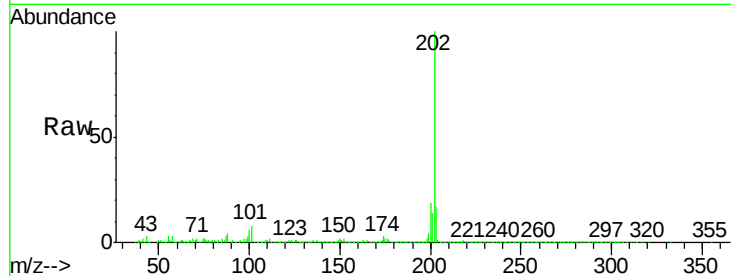
ClientSampled :

F6A96

Tgt Ion:	202	Resp:	5229369
Ion Ratio	Lower	Upper	
202	100		
101	7.9	4.6	7.0#
100	6.2	3.4	5.2#

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#77

Pyrene

Concen: 82.783 ng/ul

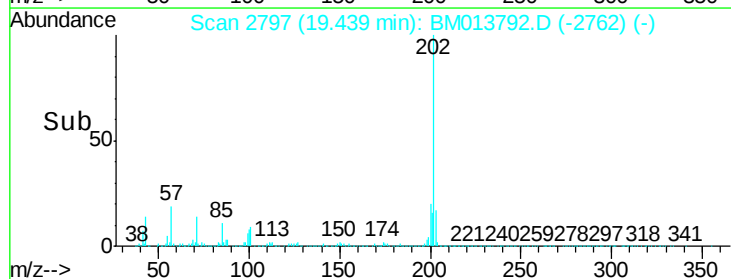
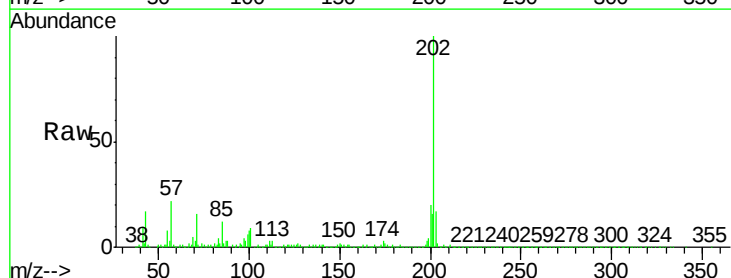
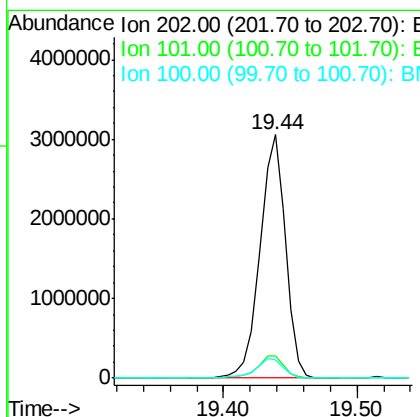
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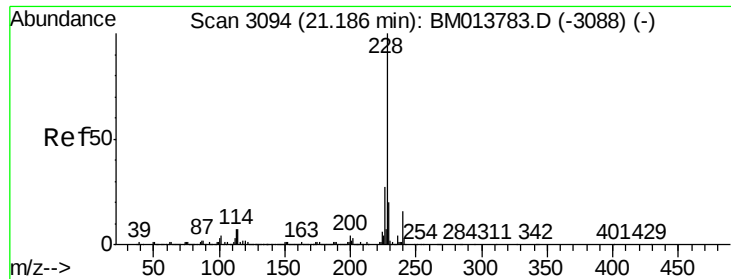
Delta R.T. 0.01 min

Lab File: BM013792.D

Acq: 25 Jan 2018 05:34

Tgt Ion:	202	Resp:	3987840
Ion Ratio	Lower	Upper	
202	100		
101	9.0	5.1	7.7#
100	7.7	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 14.890 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM013792.D

Acq: 25 Jan 2018 05:34

Instrument :

BNA_M

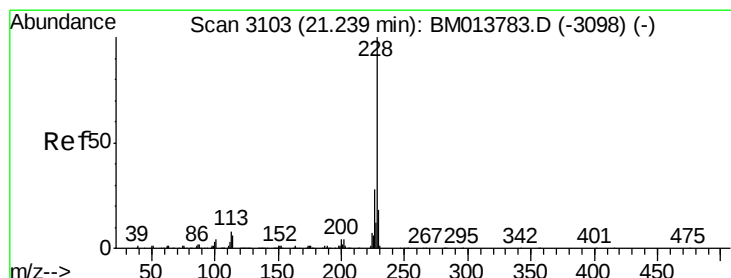
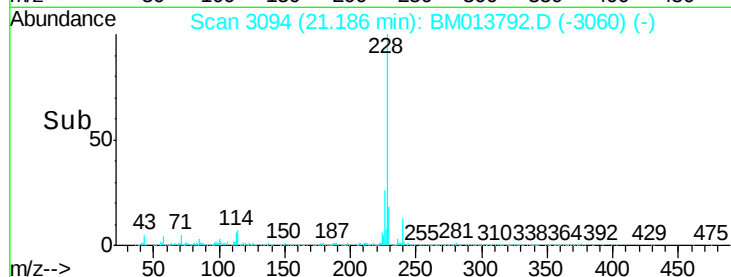
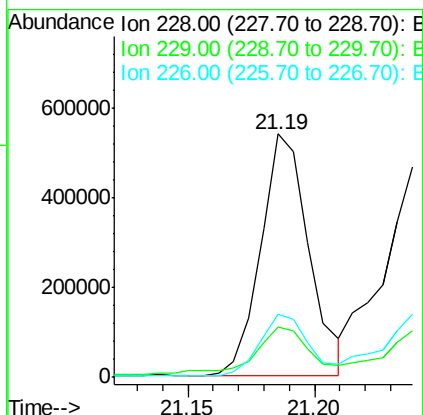
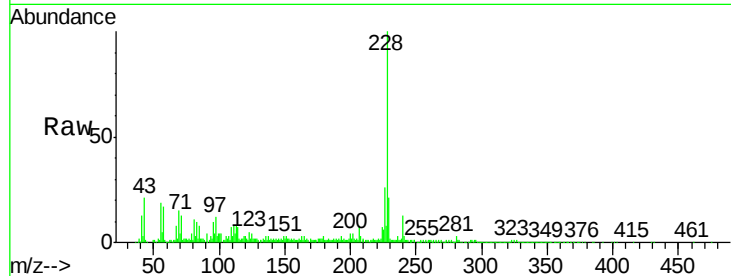
ClientSampleId :

F6A96

Tgt Ion:	228	Resp:	712921
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.4	23.0
226	26.1	21.4	32.0

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#82

Chrysene

Concen: 16.077 ng/ul

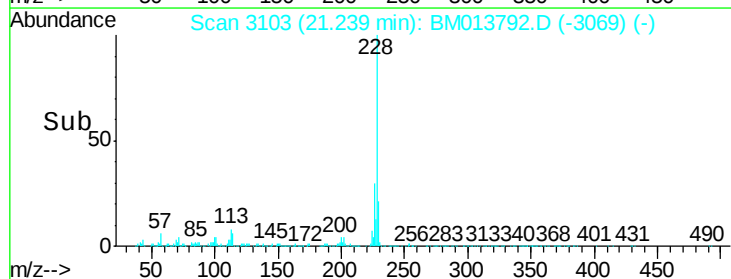
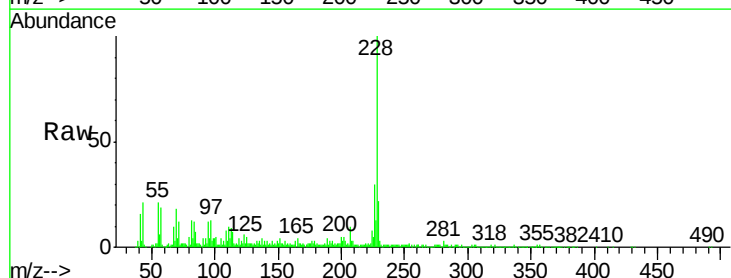
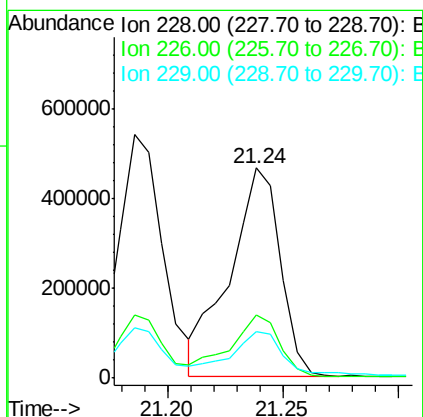
RT: 21.24 min Scan# 3103

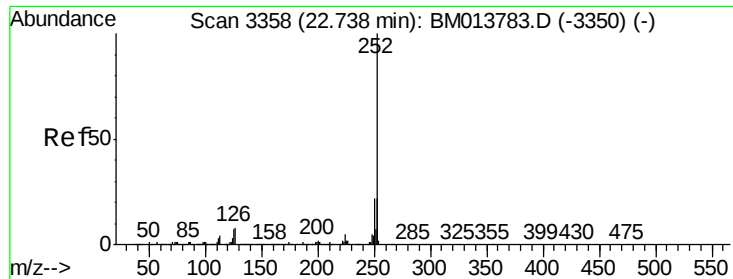
Delta R.T. 0.00 min

Lab File: BM013792.D

Acq: 25 Jan 2018 05:34

Tgt Ion:	228	Resp:	706191
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.4	35.2
229	22.3	15.5	23.3





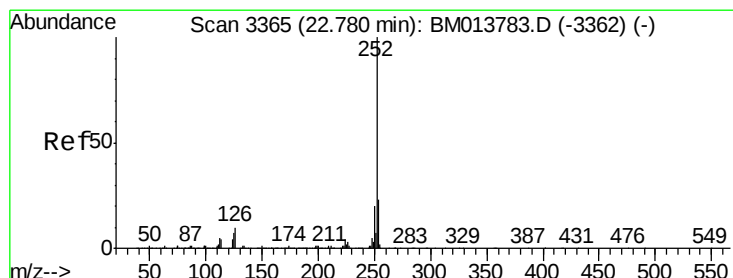
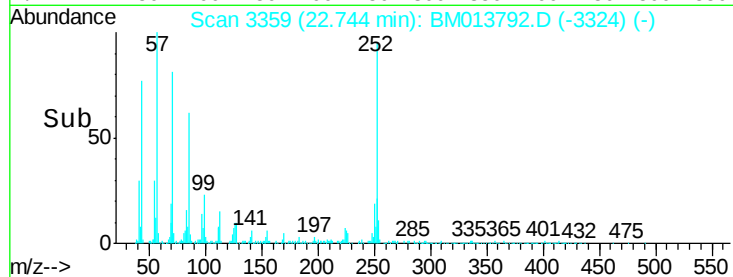
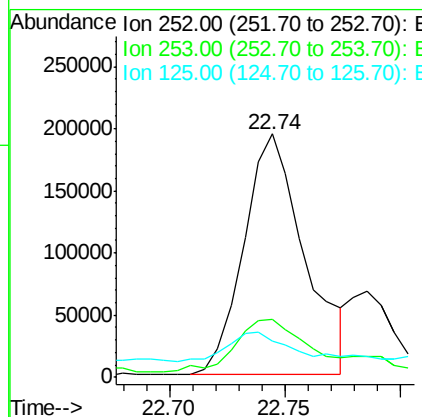
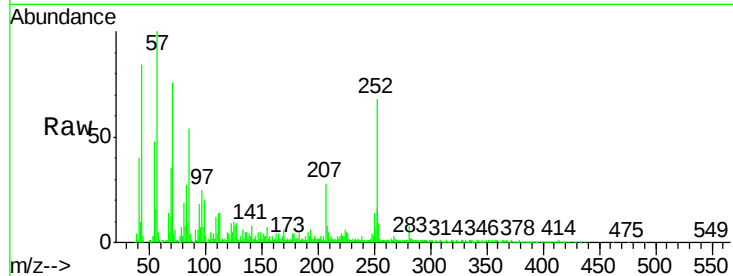
#85
Benzo(b)fluoranthene
Concen: 7.184 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM013792.D
Acq: 25 Jan 2018 05:34

Instrument :
BNA_M
ClientSampled :
F6A96

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.1	17.9	26.9
125	14.9	3.6	5.4

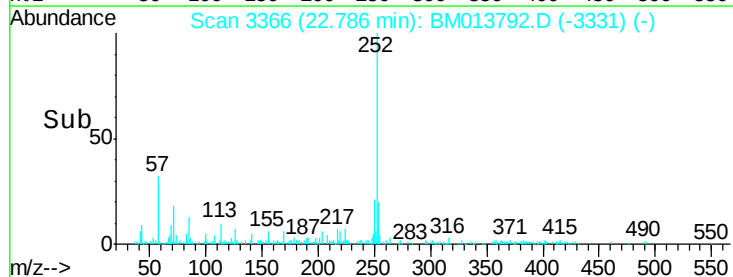
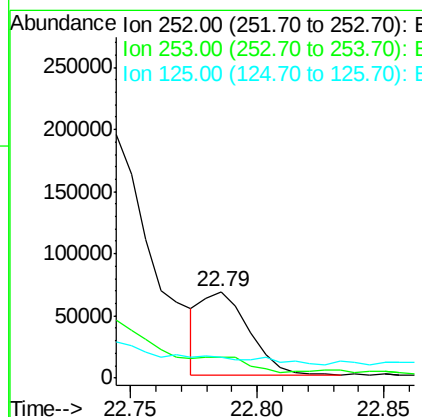
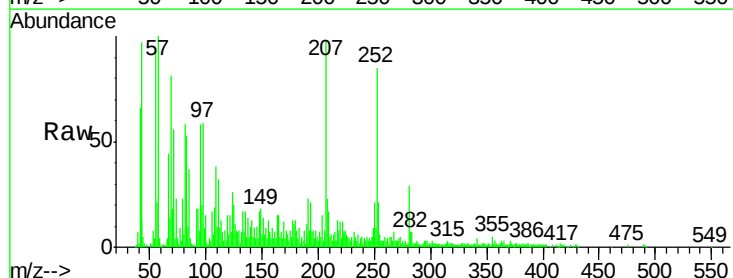
Manual Integrations
APPROVED

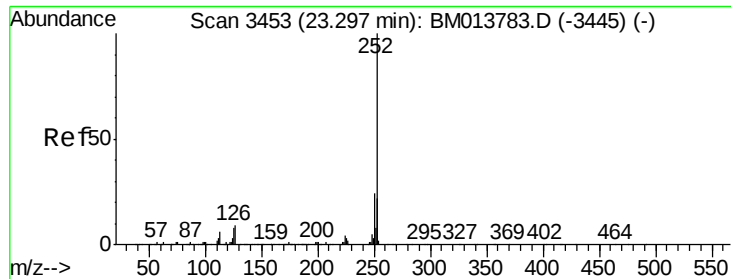
Sohil
1/25/2018 5:35:52 PM



#86
Benzo(k)fluoranthene
Concen: 1.775 ng/ul
RT: 22.79 min Scan# 3366
Delta R.T. 0.01 min
Lab File: BM013792.D
Acq: 25 Jan 2018 05:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.7	17.1	25.7
125	23.6	3.4	5.2





#88

Benzo(a)pyrene

Concen: 3.706 ng/ul

RT: 23.30 min Scan# 3454

Delta R.T. 0.01 min

Lab File: BM013792.D

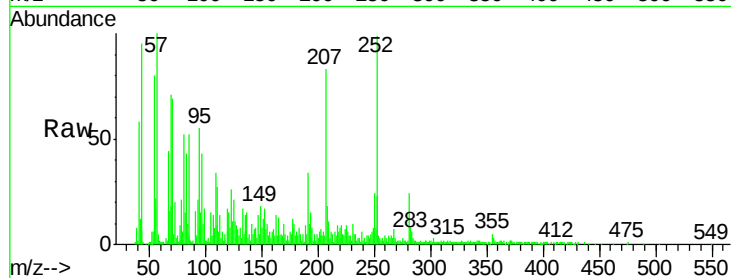
Acq: 25 Jan 2018 05:34

Instrument :

BNA_M

ClientSampleId :

F6A96



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	172480		
253	23.1	18.2	27.2	
125	21.4	4.0	6.0	

Manual Integrations
APPROVED

Sohil
1/25/2018 5:35:52 PM

