

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
 Data File : BM013807.D
 Acq On : 25 Jan 2018 16:02
 Operator : SJ/JU
 Sample : J1222-11 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A84

Manual Integrations
 APPROVED

Sohil
 1/26/2018 4:02:23 PM

Quant Time: Jan 25 20:03:51 2018
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 25 16:56:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	133938	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	498268	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	284542	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	569044	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	570897	20.00	ng/ul	0.00
83) Perylene-d12	23.40	264	576619	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	1053	0.31	ng/uL	0.00
5) Phenol-d5	6.80	99	21175	2.06	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.95	67	15163	2.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	19431	2.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	16243	2.05	ng/ul	0.01
19) Nitrobenzene-d5	8.76	128	8690	2.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	8901	2.18	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.02	165	18221m	2.31	ng/ul	0.02
29) 4-Chloroaniline-d4	10.54	131	11774	1.72	ng/ul	0.02
43) Dimethylphthalate-d6	13.66	166	58426	2.49	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	69714	2.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	5122m	1.34	ng/ul	0.06
57) Fluorene-d10	15.24	176	50633	2.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	5093	1.49	ng/ul	0.02
70) Anthracene-d10	17.10	188	75695m	2.73	ng/ul	0.00
76) Pyrene-d10	19.40	212	84215	3.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	73665	2.78	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.42	128	305376	12.319	ng/ul	96
34) 2-Methylnaphthalene	12.04	142	230126	12.452	ng/ul	91
40) 1,1'-Biphenyl	13.07	154	58165	2.456	ng/ul#	89
49) Acenaphthene	14.31	153	155989	8.232	ng/ul	97
53) Dibenzofuran	14.65	168	176064	6.176	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.89	232	46678	7.815	ng/ul#	84
58) Fluorene	15.30	166	157312	6.736	ng/ul#	95
68) Pentachlorophenol	16.66	266	820645	213.466	ng/ul	97
69) Phenanthrene	17.04	178	807834	25.539	ng/ul	98
71) Anthracene	17.13	178	143852m	4.409	ng/ul	
72) Carbazole	17.42	167	78384	2.911	ng/ul	98
74) Fluoranthene	19.07	202	452285	11.979	ng/ul#	97
77) Pyrene	19.43	202	317751	9.155	ng/ul#	96
80) Benzo(a)anthracene	21.19	228	71628	2.076	ng/ul#	92
82) Chrysene	21.24	228	66123	2.089	ng/ul#	90
85) Benzo(b)fluoranthene	22.74	252	45683	1.290	ng/ul#	78

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

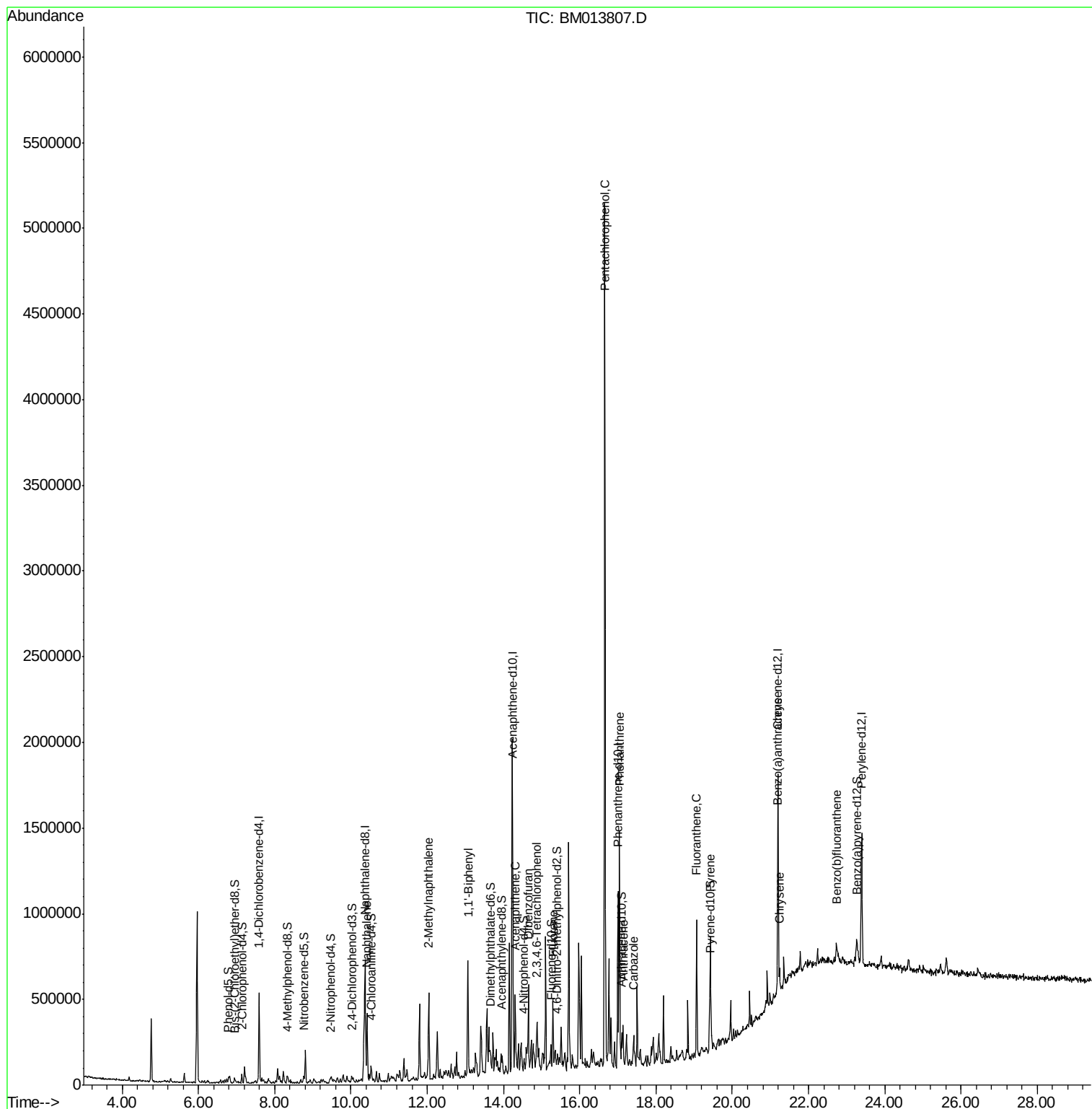
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013807.D
Acq On : 25 Jan 2018 16:02
Operator : SJ/JU
Sample : J1222-11 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

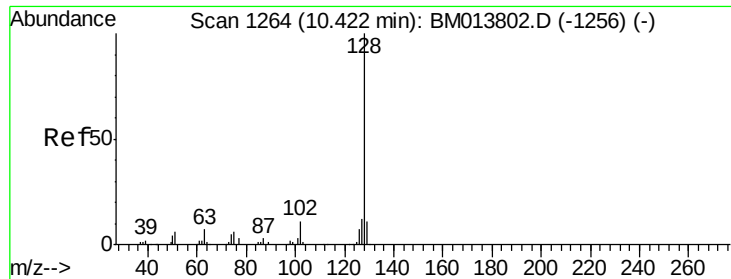
Instrument :
BNA_M
ClientSampleId :
F6A84

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Quant Time: Jan 25 20:03:51 2018
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





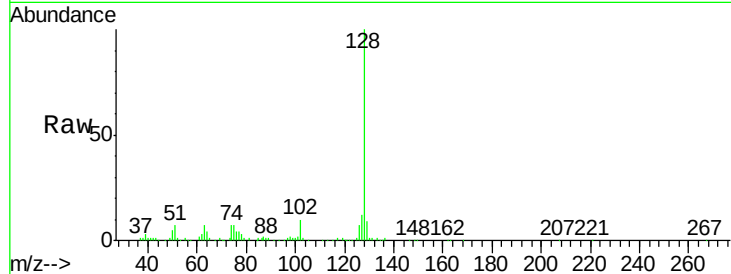
#28
Naphthalene
Concen: 12.319 ng/ul
RT: 10.42 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BM013807.D
Acq: 25 Jan 2018 16:02

Instrument :
BNA_M
ClientSampled :
F6A84

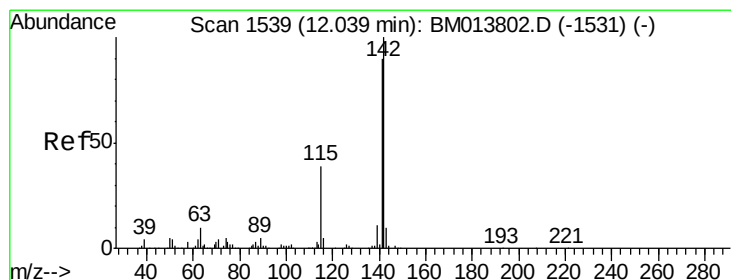
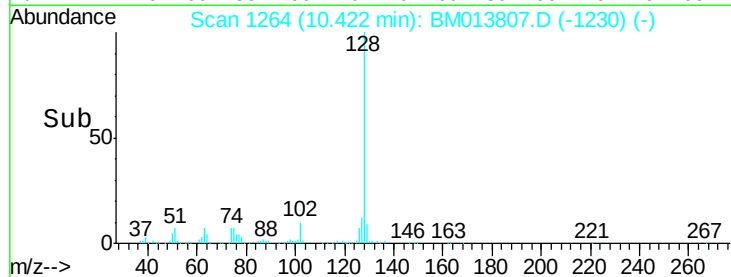
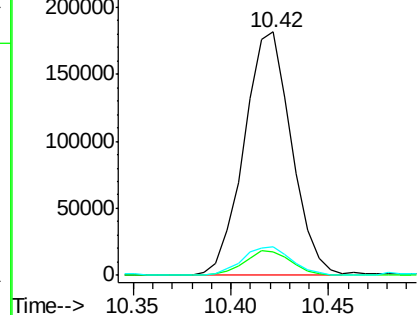
Tot Ion	Ratio	Lower	Upper
128	100		
129	9.5	8.8	13.2
127	11.7	10.6	16.0

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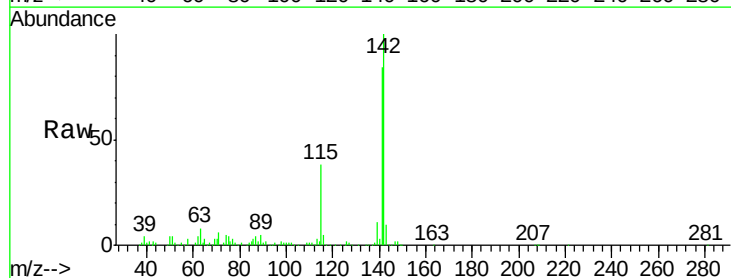


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

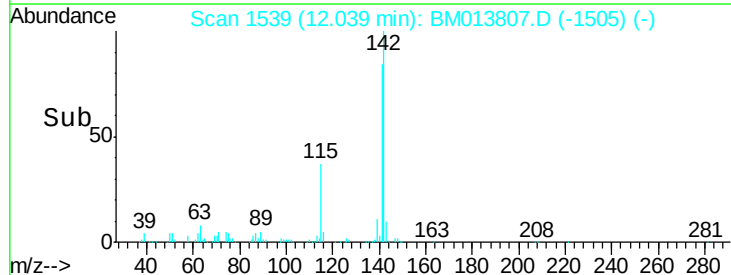
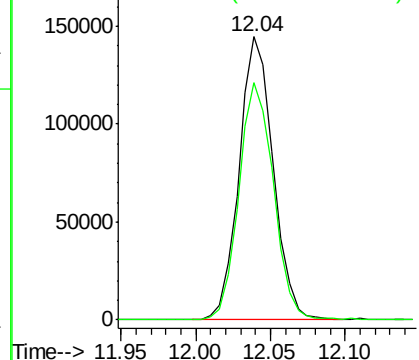


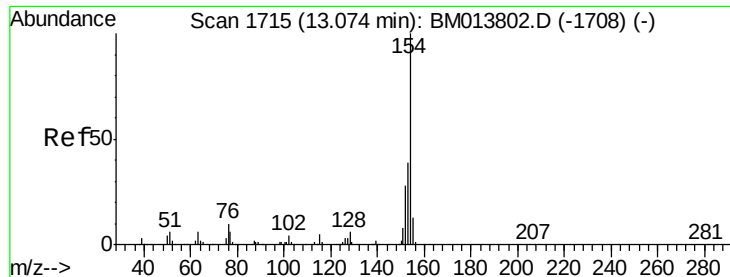
#34
2-Methylnaphthalene
Concen: 12.452 ng/ul
RT: 12.04 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BM013807.D
Acq: 25 Jan 2018 16:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.8	74.1	111.1



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





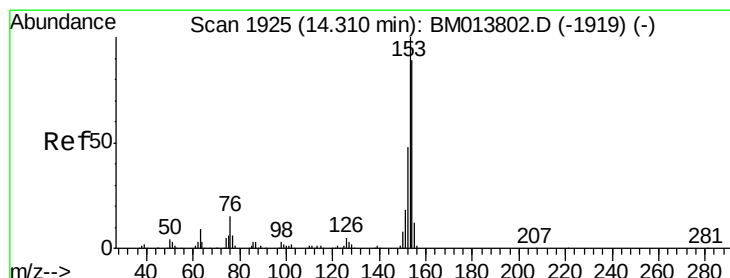
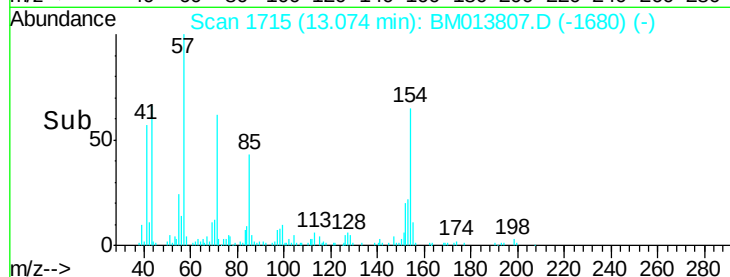
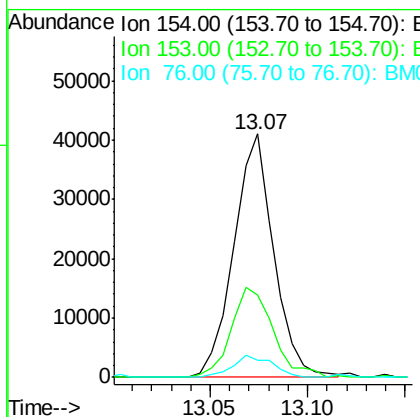
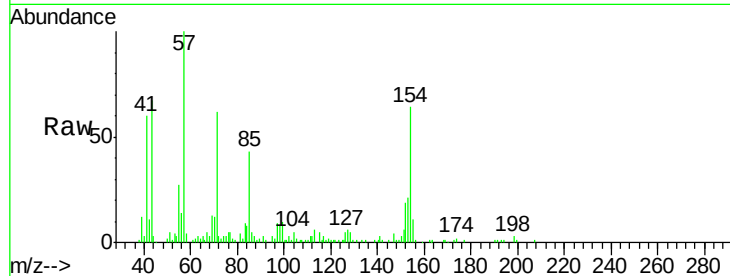
#40
 1,1'-Biphenyl
 Concen: 2.456 ng/ul
 RT: 13.07 min Scan# 1715
 Delta R.T. 0.01 min
 Lab File: BM013807.D
 Acq: 25 Jan 2018 16:02

Instrument :
 BNA_M
 ClientSampled :
 F6A84

Tot Ion	Ratio	Lower	Upper
154	100		
153	33.6	32.6	48.8
76	7.2	8.5	12.7

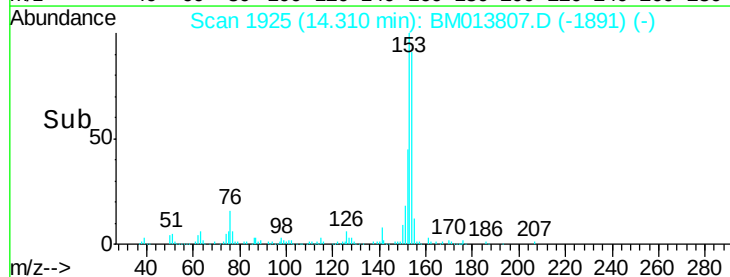
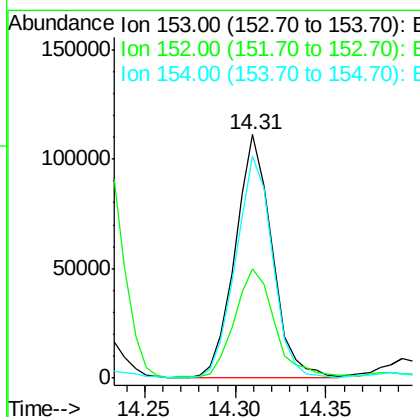
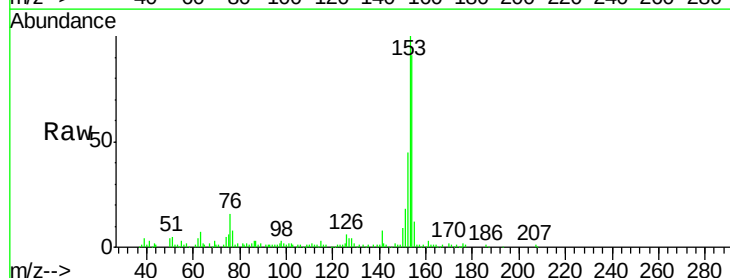
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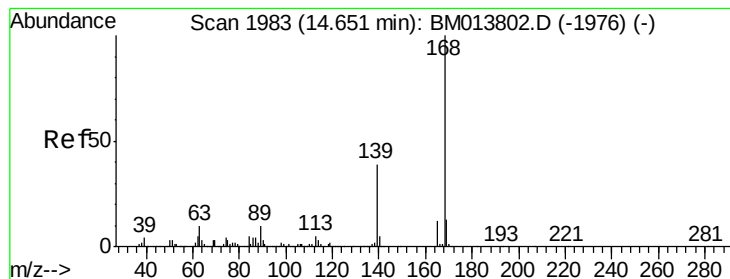
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#49
 Acenaphthene
 Concen: 8.232 ng/ul
 RT: 14.31 min Scan# 1925
 Delta R.T. -0.00 min
 Lab File: BM013807.D
 Acq: 25 Jan 2018 16:02

Tgt Ion	Ratio	Lower	Upper
153	100		
152	44.7	37.6	56.4
154	91.1	70.4	105.6





#53

Dibenzofuran

Concen: 6.176 ng/ul

RT: 14.65 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BM013807.D

Acq: 25 Jan 2018 16:02

Instrument :

BNA_M

ClientSampled :

F6A84

Tot Ion:168 Resp: 176064

Ion Ratio Lower Upper

168 100

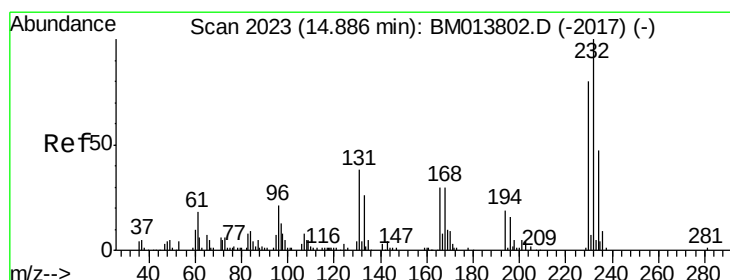
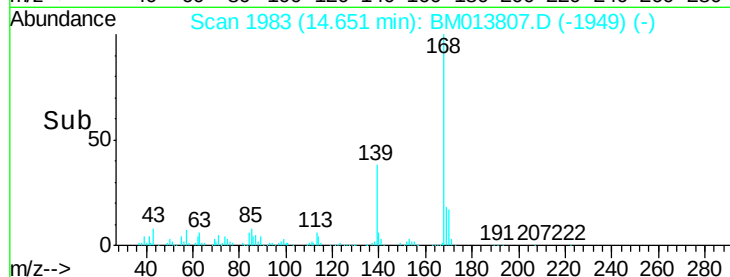
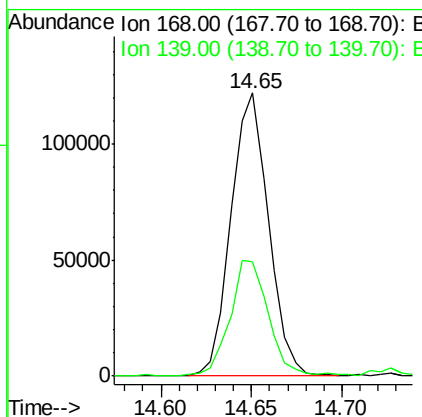
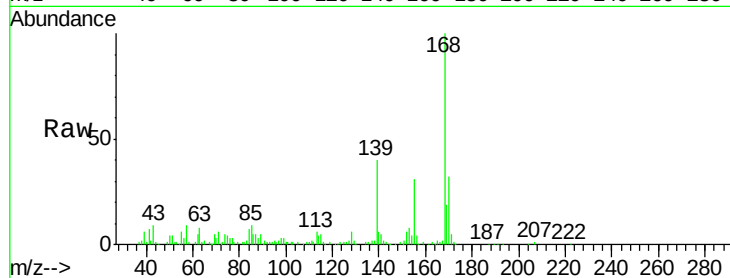
139 40.5 30.8 46.2

Manual Integrations

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#55

2,3,4,6-Tetrachlorophenol

Concen: 7.815 ng/ul

RT: 14.89 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BM013807.D

Acq: 25 Jan 2018 16:02

Tgt Ion:232 Resp: 46678

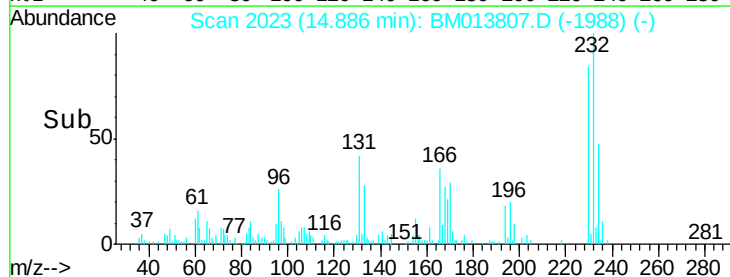
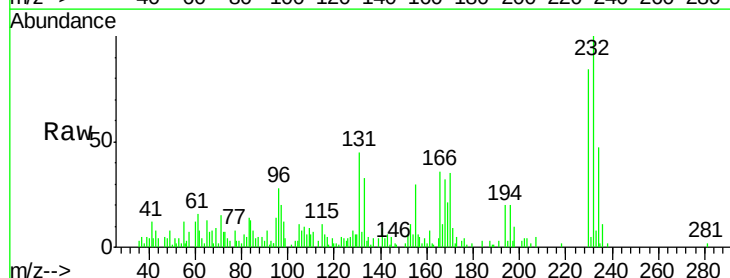
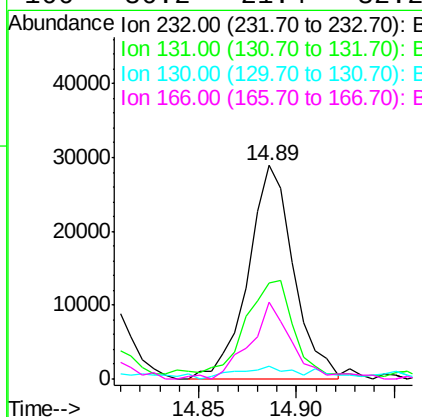
Ion Ratio Lower Upper

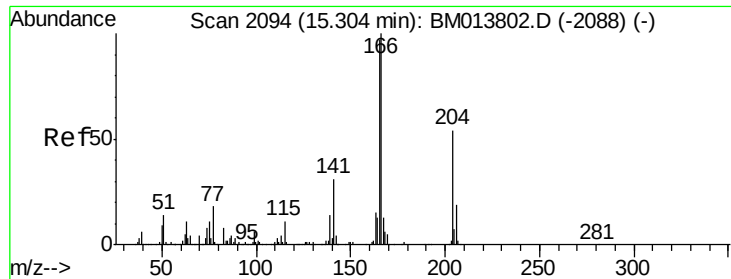
232 100

131 45.1 29.0 43.4#

130 6.1 2.0 3.0#

166 36.2 21.4 32.2#





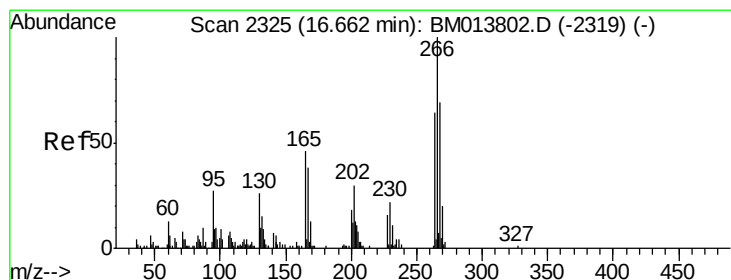
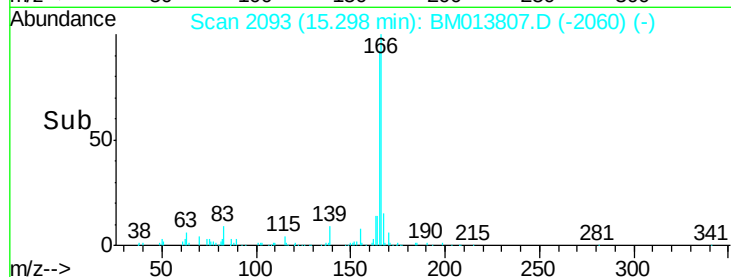
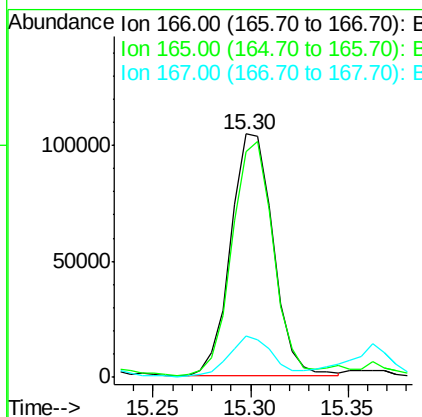
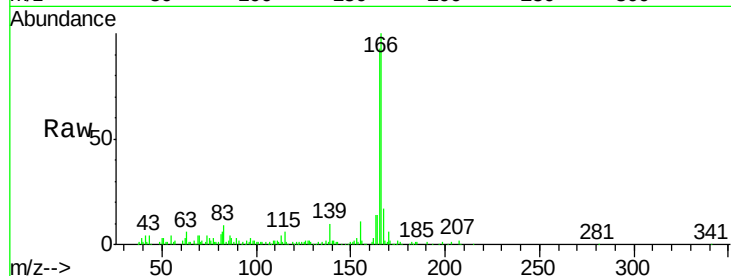
#58
 Fluorene
 Concen: 6.736 ng/ul
 RT: 15.30 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BM013807.D
 Acq: 25 Jan 2018 16:02

Instrument :
 BNA_M
 ClientSampleId :
 F6A84

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		157312		
165	92.6	77.9	116.9		
167	16.9	10.6	16.0#		

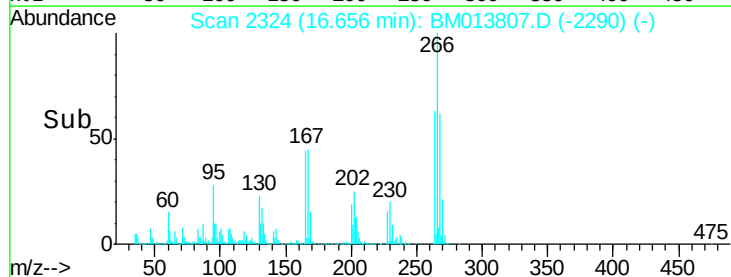
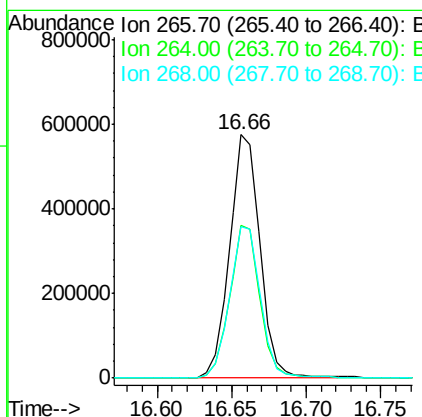
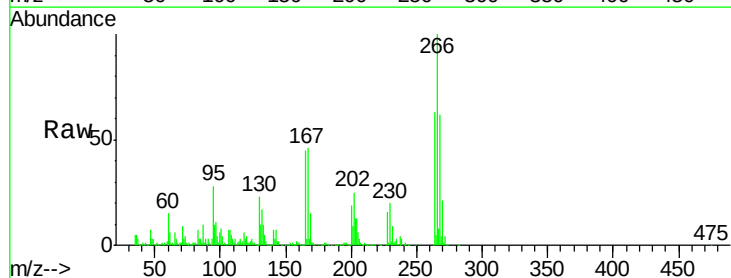
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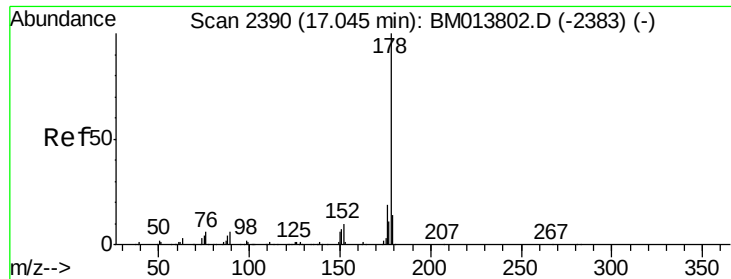
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#68
 Pentachlorophenol
 Concen: 213.466 ng/ul
 RT: 16.66 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BM013807.D
 Acq: 25 Jan 2018 16:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
266	100		820645		
264	63.0	49.3	73.9		
268	62.3	52.6	78.8		





#69

Phenanthrene

Concen: 25.539 ng/ul

RT: 17.04 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BM013807.D

Acq: 25 Jan 2018 16:02

Instrument :

BNA_M

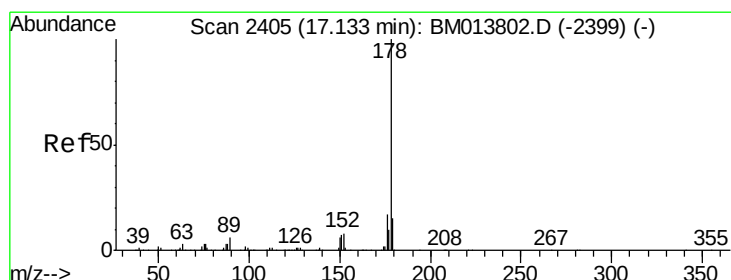
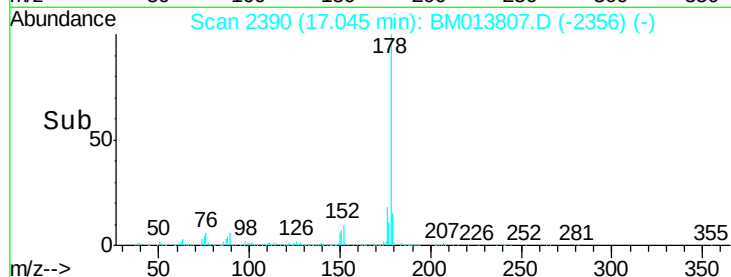
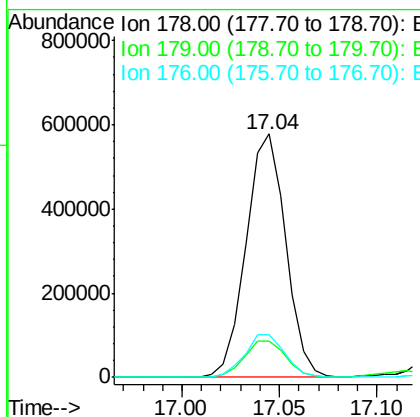
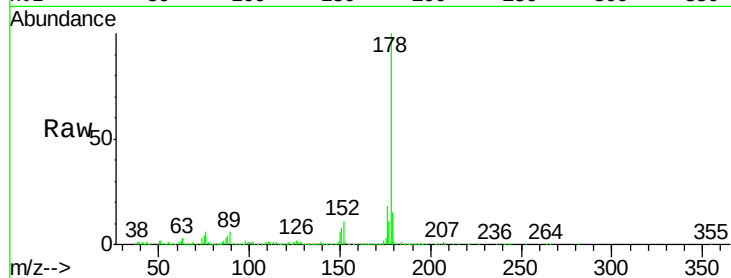
ClientSampleId :

F6A84

Tot Ion:	178	Resp:	807834
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.6	19.0
176	17.5	14.9	22.3

Manual Integrations
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#71

Anthracene

Concen: 4.409 ng/ul

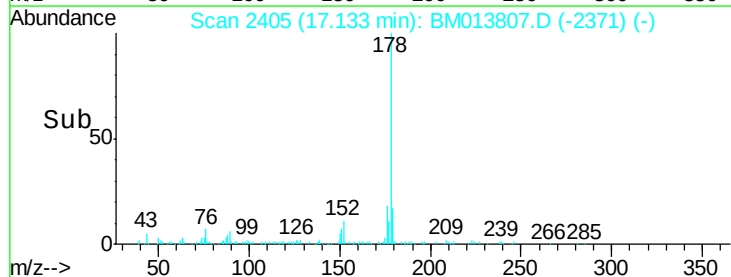
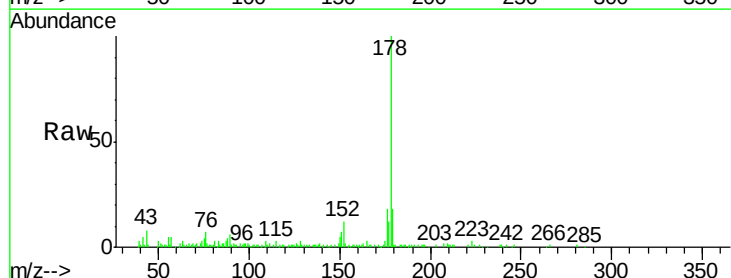
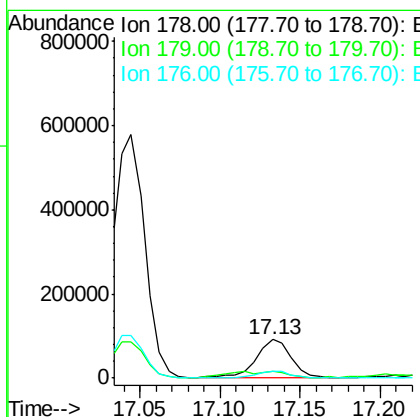
RT: 17.13 min Scan# 2405

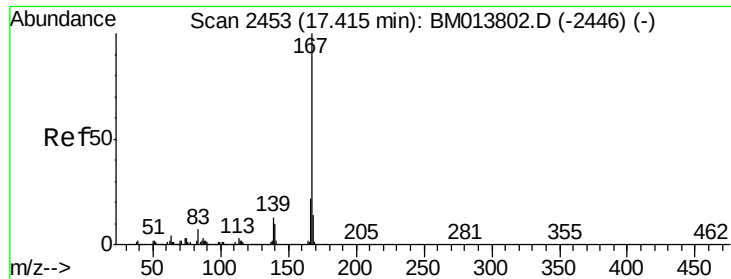
Delta R.T. -0.00 min

Lab File: BM013807.D

Acq: 25 Jan 2018 16:02

Tgt Ion:	178	Resp:	143852
Ion Ratio	Lower	Upper	
178	100		
179	17.6	11.7	17.5#
176	17.9	14.6	21.8





#72

Carbazole

Concen: 2.911 ng/ul

RT: 17.42 min Scan# 2453

Delta R.T. 0.01 min

Lab File: BM013807.D

Acq: 25 Jan 2018 16:02

Instrument :

BNA_M

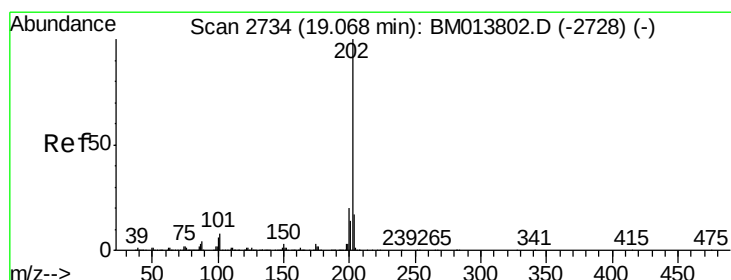
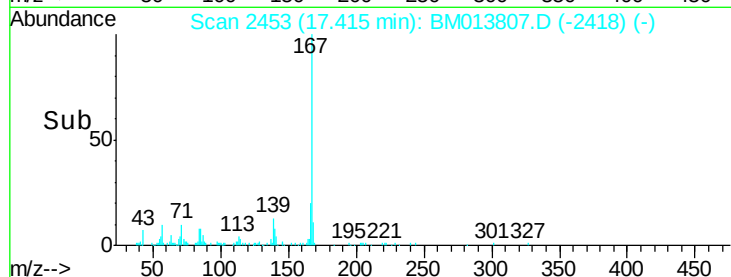
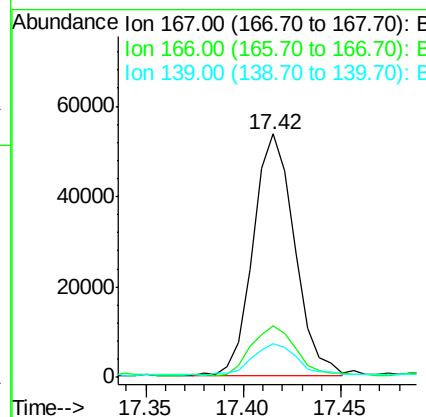
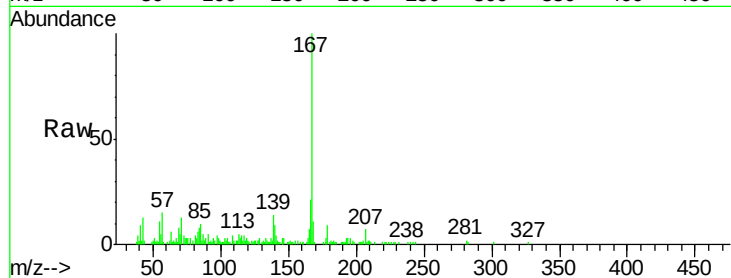
ClientSampled :

F6A84

Tot Ion:	167	Resp:	78384
Ion Ratio	Lower	Upper	
167	100		
166	21.0	17.1	25.7
139	13.9	10.0	15.0

Manual Integrations
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#74

Fluoranthene

Concen: 11.979 ng/ul

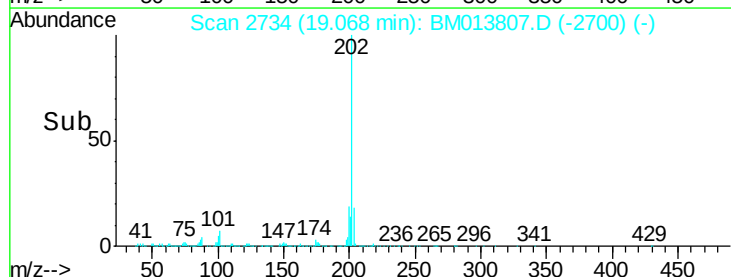
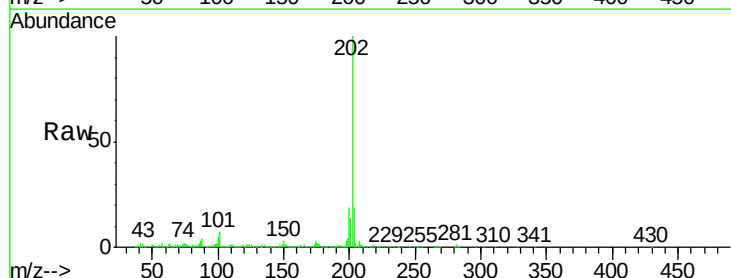
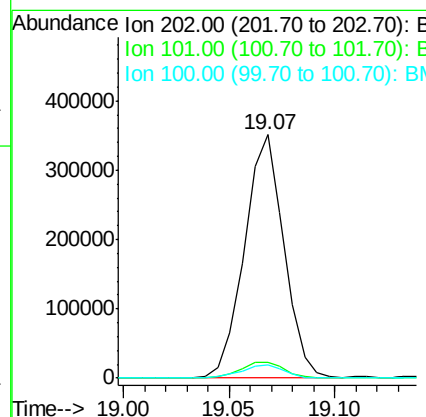
RT: 19.07 min Scan# 2734

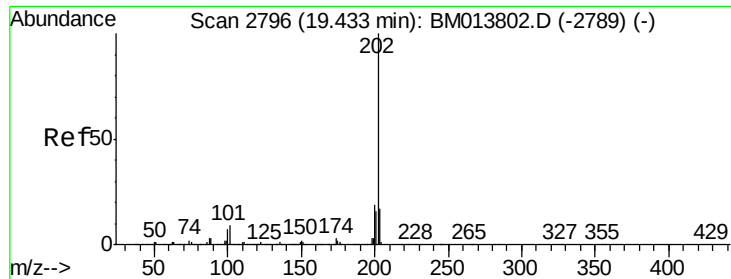
Delta R.T. -0.00 min

Lab File: BM013807.D

Acq: 25 Jan 2018 16:02

Tgt Ion:	202	Resp:	452285
Ion Ratio	Lower	Upper	
202	100		
101	6.6	4.6	7.0
100	5.3	3.4	5.2





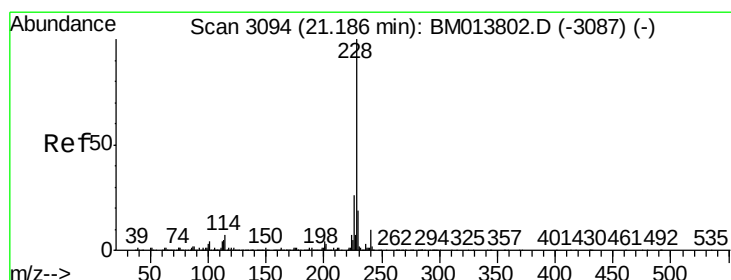
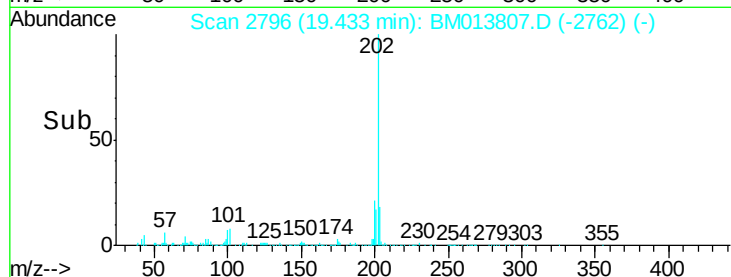
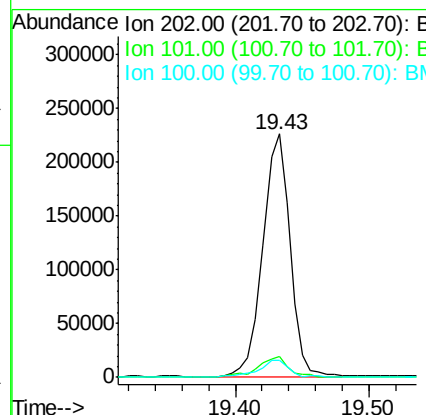
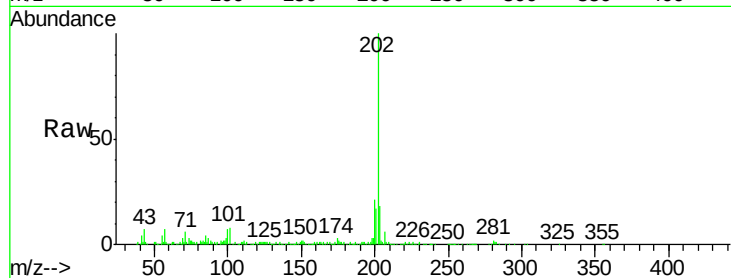
#77
 Pvrene
 Concen: 9.155 ng/ul
 RT: 19.43 min Scan# 2796
 Delta R.T. -0.00 min
 Lab File: BM013807.D
 Acq: 25 Jan 2018 16:02

Instrument :
 BNA_M
 ClientSampleId :
 F6A84

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.5	5.1	7.7#
100	6.9	4.9	7.3

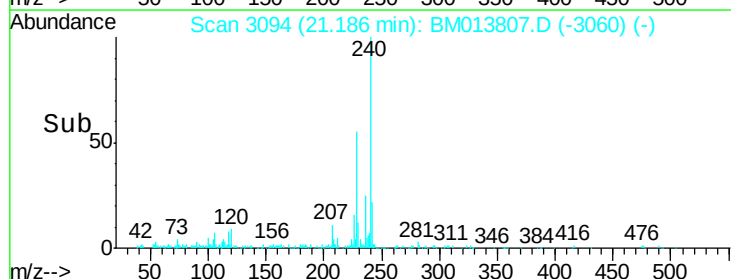
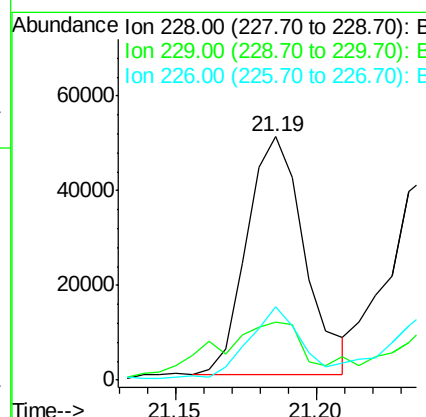
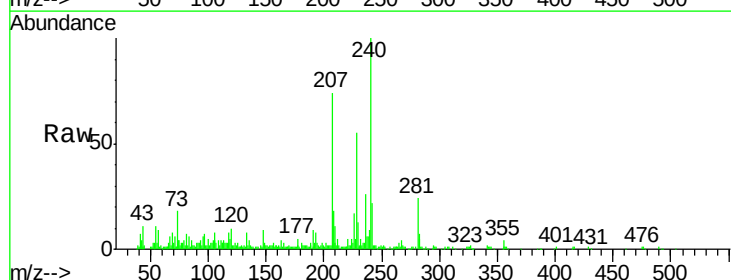
Manual Integrations
 APPROVED

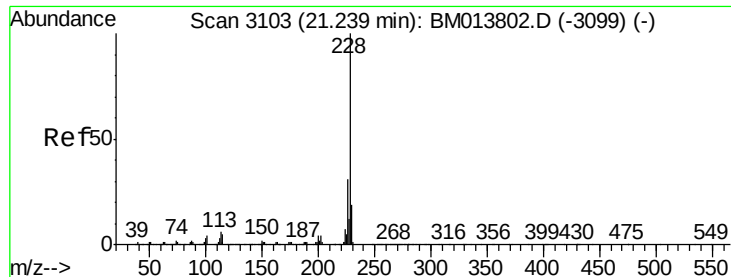
Sohil
 1/26/2018 4:02:23 PM



#80
 Benzo(a)anthracene
 Concen: 2.076 ng/ul
 RT: 21.19 min Scan# 3094
 Delta R.T. -0.00 min
 Lab File: BM013807.D
 Acq: 25 Jan 2018 16:02

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.7	15.4	23.0#
226	30.0	21.4	32.0





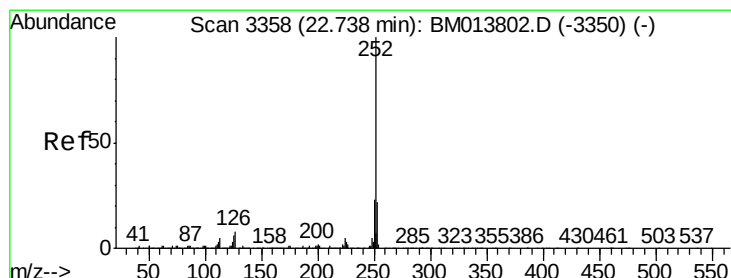
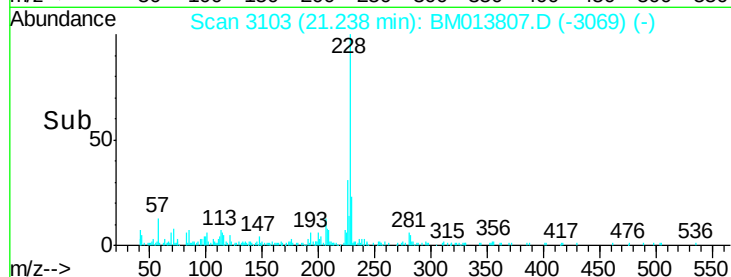
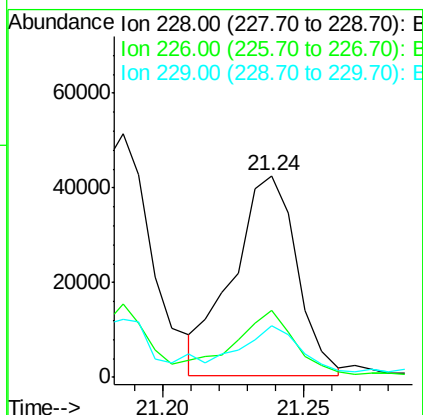
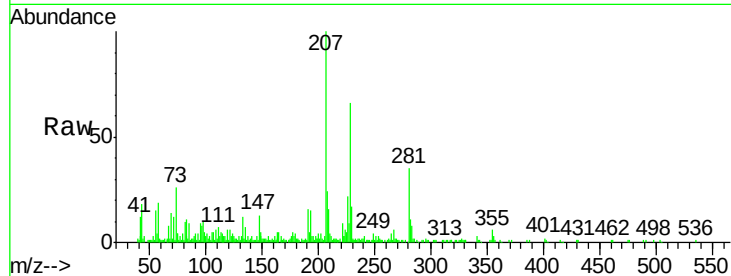
#82
Chrysene
Concen: 2.089 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BM013807.D
Acq: 25 Jan 2018 16:02

Instrument :
BNA_M
ClientSampleId :
F6A84

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	23.4	35.2
229	25.5	15.5	23.3

Manual Integrations
APPROVED

Sohil
1/26/2018 4:02:23 PM



#85
Benzo(b)fluoranthene
Concen: 1.290 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM013807.D
Acq: 25 Jan 2018 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.5	17.9	26.9
125	13.3	3.6	5.4

