

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
 Data File : BM013806.D
 Acq On : 25 Jan 2018 15:26
 Operator : SJ/JU
 Sample : J1222-06 30X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A79

Manual Integrations
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Quant Time: Jan 25 19:55:32 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	134048	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	473636	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	278829	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	535003	20.00	ng/ul	0.01
75) Chrysene-d12	21.20	240	555586	20.00	ng/ul	0.00
83) Perylene-d12	23.40	264	573318	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	236	0.07	ng/uL	0.00
5) Phenol-d5	6.80	99	6100	0.59	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.94	67	5455	0.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	5551	0.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	5897m	0.75	ng/ul	0.02
19) Nitrobenzene-d5	8.76	128	3541	0.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	3065	0.79	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.03	165	7092m	0.95	ng/ul	0.02
29) 4-Chloroaniline-d4	10.56	131	3715m	0.57	ng/ul	0.04
43) Dimethylphthalate-d6	13.67	166	22172	0.96	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	23897	0.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	4345	1.16	ng/ul	0.00
57) Fluorene-d10	15.25	176	17911	0.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	939	0.29	ng/ul	0.01
70) Anthracene-d10	17.10	188	23940	0.92	ng/ul	0.00
76) Pyrene-d10	19.40	212	26550	1.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	23827	0.90	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.42	128	1838251	78.013	ng/ul	100
34) 2-Methylnaphthalene	12.05	142	1020522	58.090	ng/ul	97
40) 1,1'-Biphenyl	13.07	154	347162	14.958	ng/ul	97
49) Acenaphthene	14.32	153	1148863	61.867	ng/ul	98
53) Dibenzofuran	14.65	168	1264778	45.274	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.89	232	394461	67.393	ng/ul#	93
58) Fluorene	15.30	166	1106760	48.365	ng/ul	99
68) Pentachlorophenol	16.68	266	7828654	2165.958	ng/ul	98
69) Phenanthrene	17.06	178	6179802	207.804	ng/ul	99
71) Anthracene	17.14	178	991764	32.333	ng/ul	99
72) Carbazole	17.42	167	478793	18.910	ng/ul	100
74) Fluoranthene	19.07	202	3987193	112.320	ng/ul#	96
77) Pyrene	19.43	202	2791341	82.643	ng/ul#	94
80) Benzo(a)anthracene	21.19	228	509045	15.163	ng/ul	97
82) Chrysene	21.24	228	458786	14.897	ng/ul	95
85) Benzo(b)fluoranthene	22.74	252	320931	9.115	ng/ul#	92
86) Benzo(k)fluoranthene	22.79	252	99652	2.928	ng/ul#	90
88) Benzo(a)pyrene	23.30	252	164710	4.952	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.60	276	64598	1.645	ng/ul#	83
91) Benzo(g,h,i)perylene	26.26	276	51803	1.603	ng/ul#	88

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

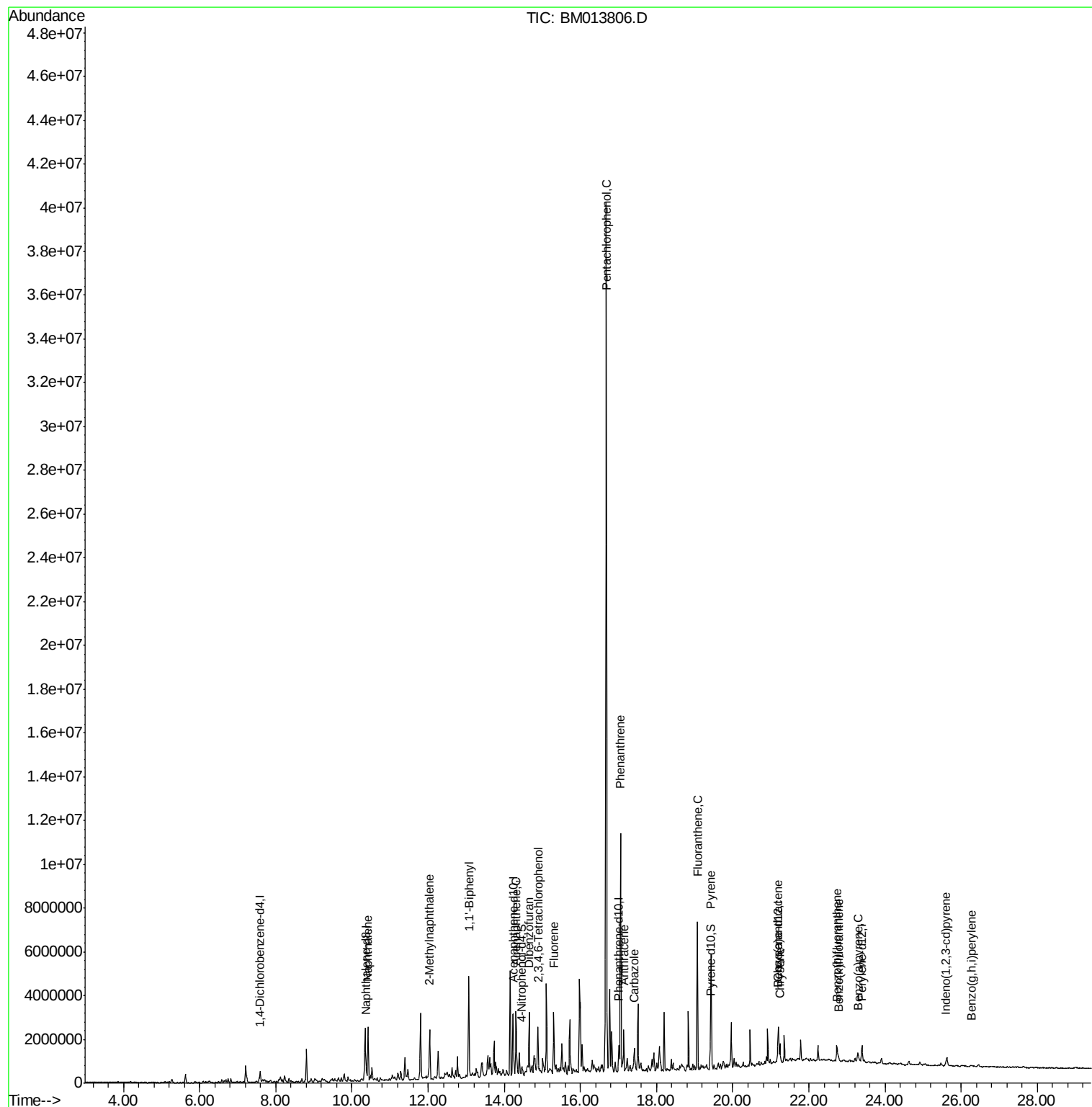
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013806.D
Acq On : 25 Jan 2018 15:26
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Sample : J1222-06 30X
Misc :
ALS Vial : 6 Sample Multiplier: 1

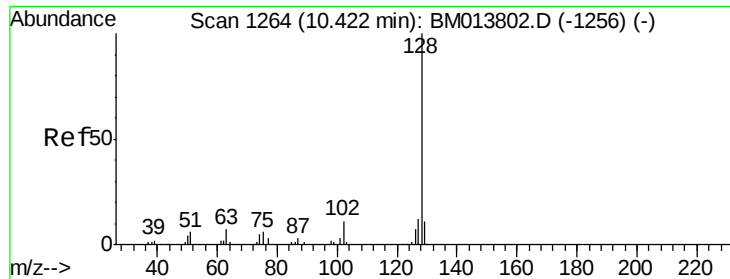
Instrument :
BNA_M
ClientSampleId :
F6A79

Quant Time: Jan 25 19:55:32 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
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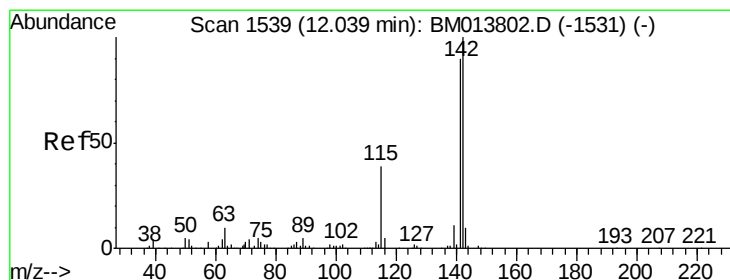
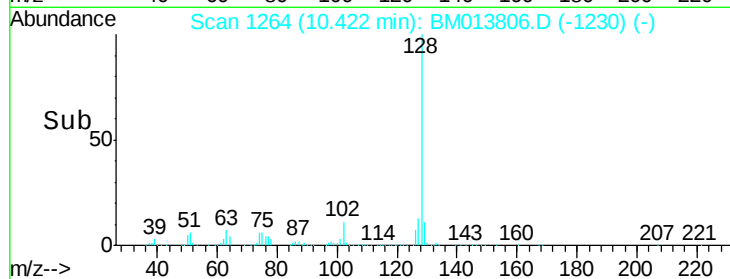
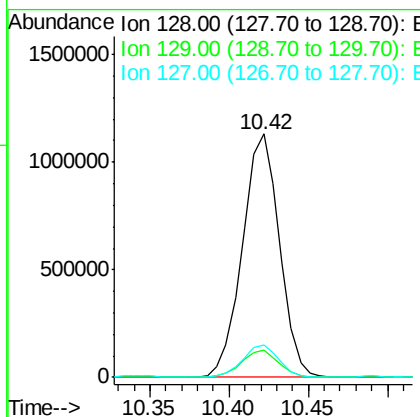
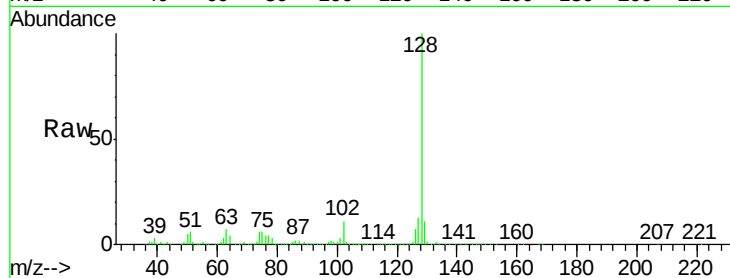
#28
Naphthalene
Concen: 78.013 ng/ul
RT: 10.42 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BM013806.D
Acq: 25 Jan 2018 15:26

Instrument :
BNA_M
ClientSampleId :
F6A79

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.2	10.6	16.0

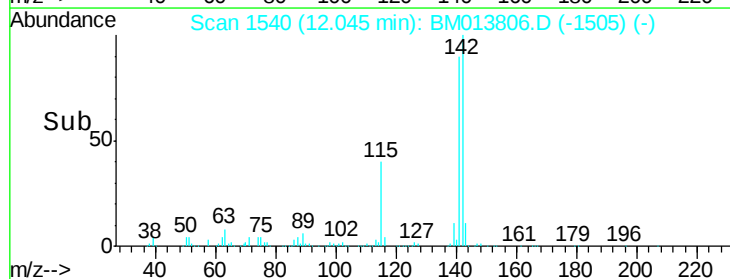
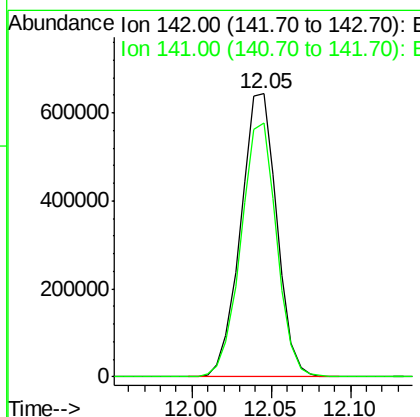
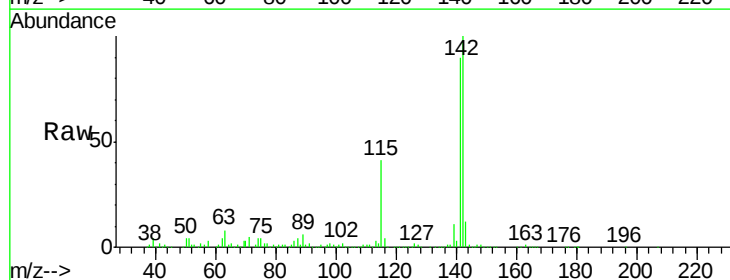
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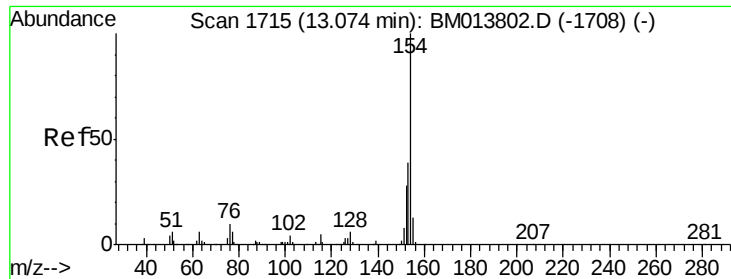
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#34
2-Methylnaphthalene
Concen: 58.090 ng/ul
RT: 12.05 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BM013806.D
Acq: 25 Jan 2018 15:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	74.1	111.1





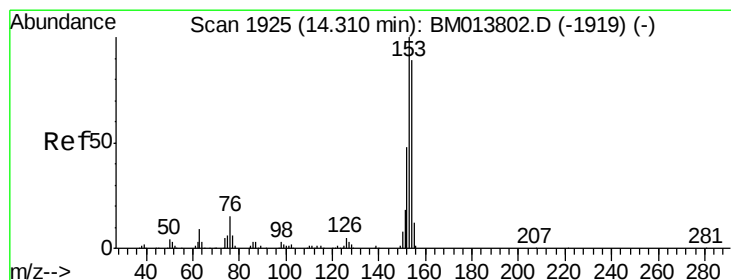
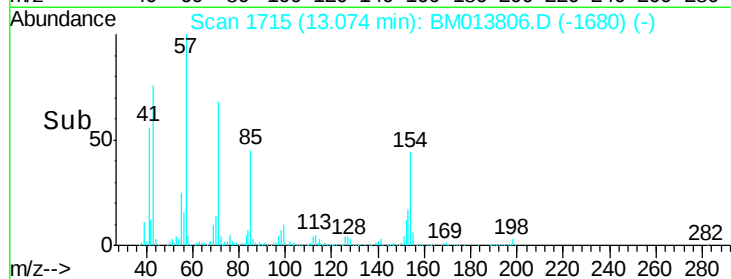
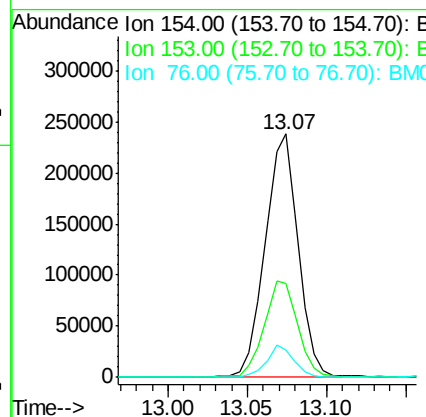
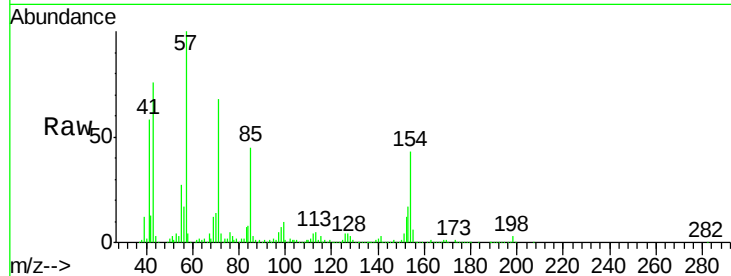
#40
 1,1'-Biphenyl
 Concen: 14.958 ng/ul
 RT: 13.07 min Scan# 1715
 Delta R.T. 0.01 min
 Lab File: BM013806.D
 Acq: 25 Jan 2018 15:26

Instrument :
 BNA_M
 ClientSampleId :
 F6A79

Tot Ion	Ratio	Lower	Upper
154	100		
153	38.6	32.6	48.8
76	11.1	8.5	12.7

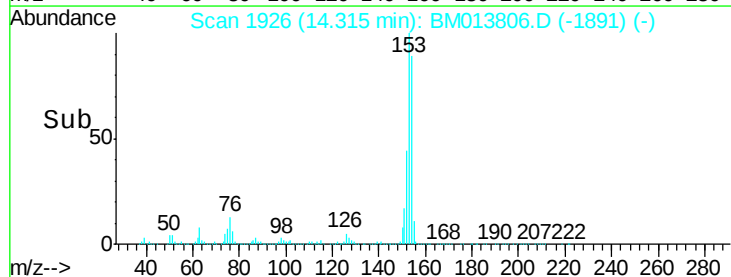
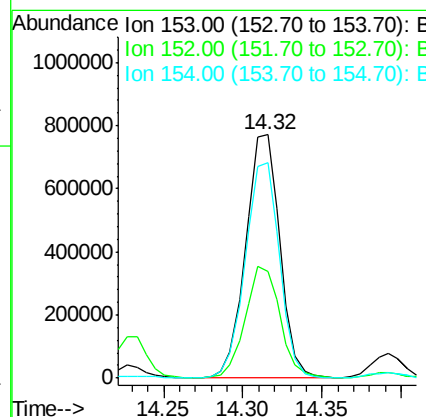
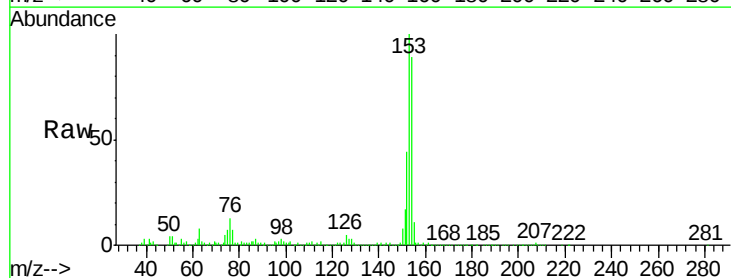
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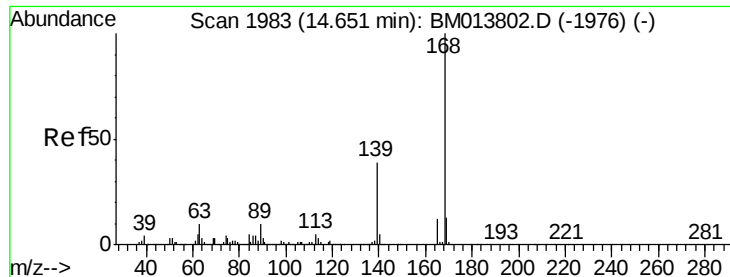
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#49
 Acenaphthene
 Concen: 61.867 ng/ul
 RT: 14.32 min Scan# 1926
 Delta R.T. 0.01 min
 Lab File: BM013806.D
 Acq: 25 Jan 2018 15:26

Tgt Ion	Ratio	Lower	Upper
153	100		
152	44.1	37.6	56.4
154	88.7	70.4	105.6





#53

Dibenzofuran

Concen: 45.274 ng/ul

RT: 14.65 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BM013806.D

Acq: 25 Jan 2018 15:26

Instrument :

BNA_M

ClientSampled :

F6A79

Tot Ion:168 Resp: 1264778

Ion Ratio Lower Upper

168 100

139 39.6

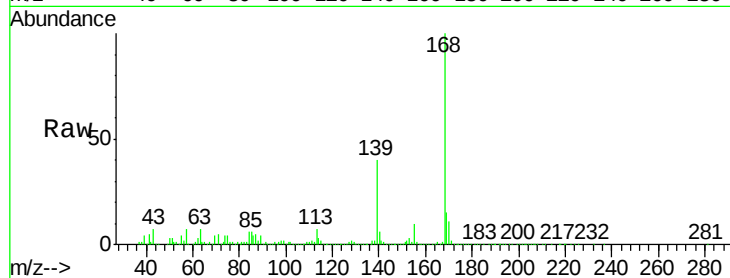
30.8

46.2

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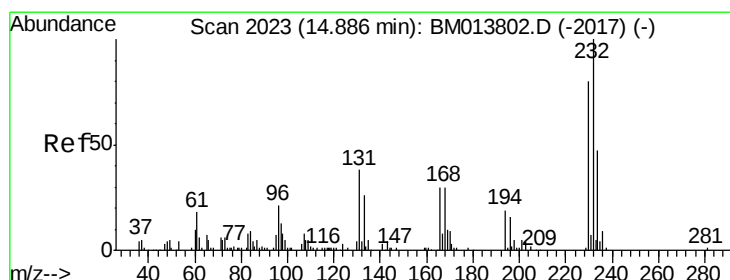
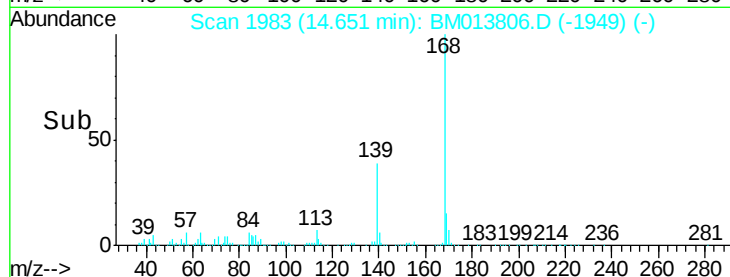
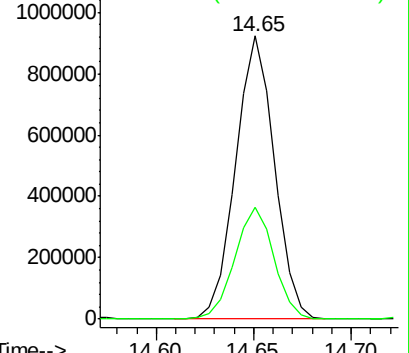
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 67.393 ng/ul

RT: 14.89 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BM013806.D

Acq: 25 Jan 2018 15:26

Tgt Ion:232 Resp: 394461

Ion Ratio Lower Upper

232 100

131 40.9

29.0

43.4

130 3.1

2.0

3.0#

166 30.1

21.4

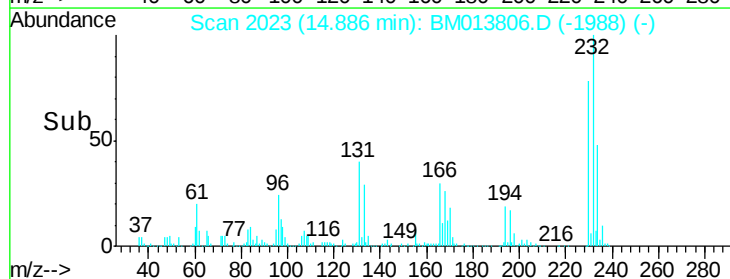
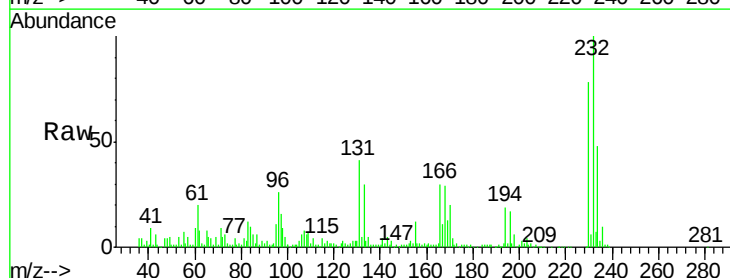
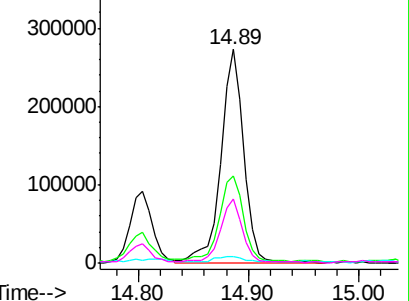
32.2

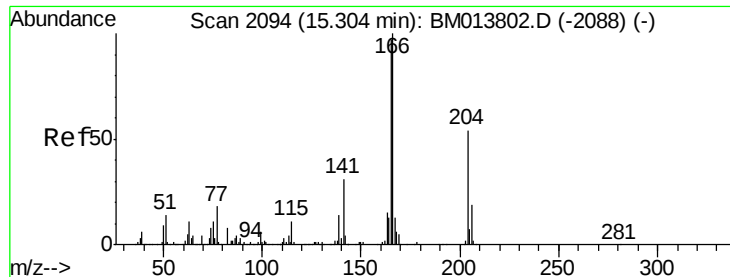
Abundance Ion 232.00 (231.70 to 232.70): E

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





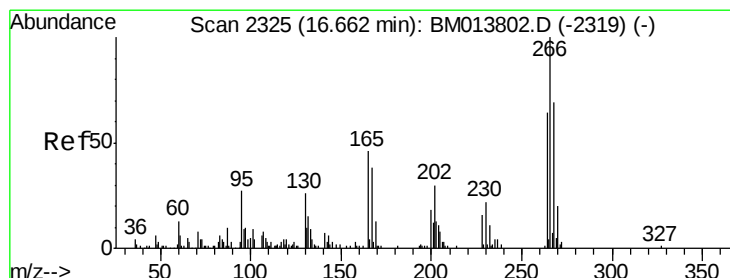
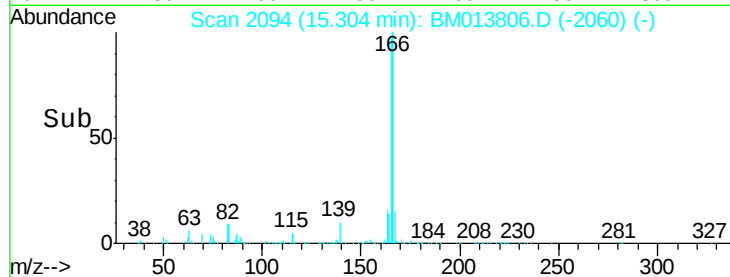
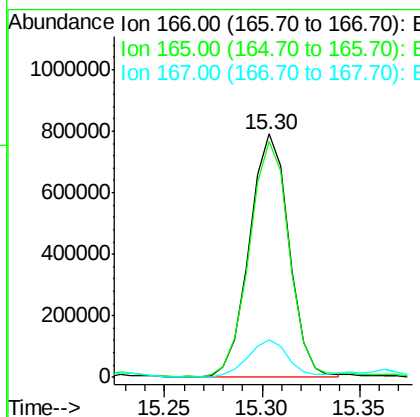
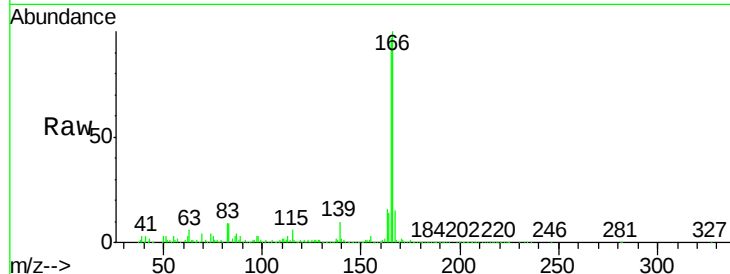
#58
 Fluorene
 Concen: 48.365 ng/ul
 RT: 15.30 min Scan# 2094
 Delta R.T. -0.00 min
 Lab File: BM013806.D
 Acq: 25 Jan 2018 15:26

Instrument :
 BNA_M
 ClientSampled :
 F6A79

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.9	116.9
167	15.4	10.6	16.0

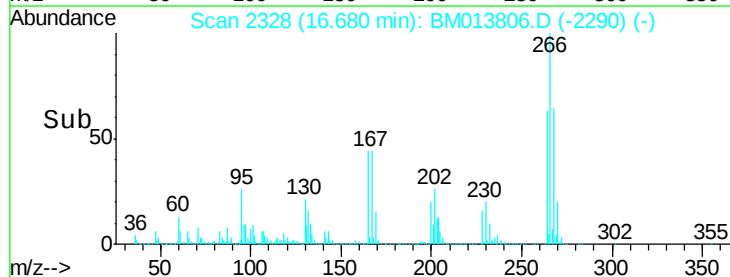
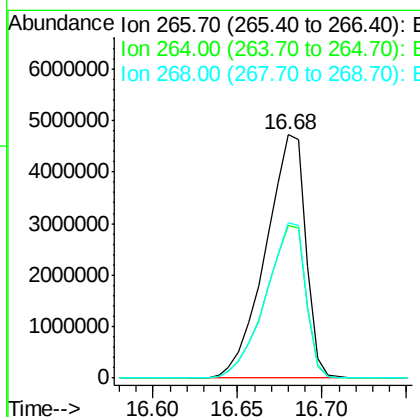
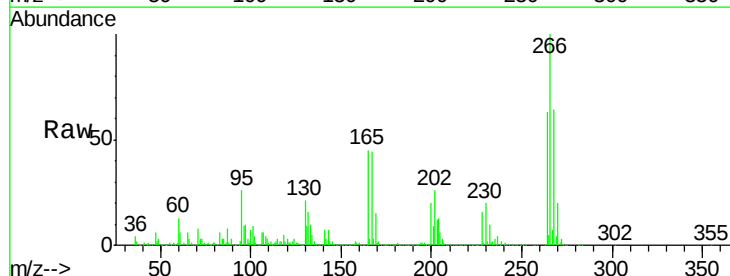
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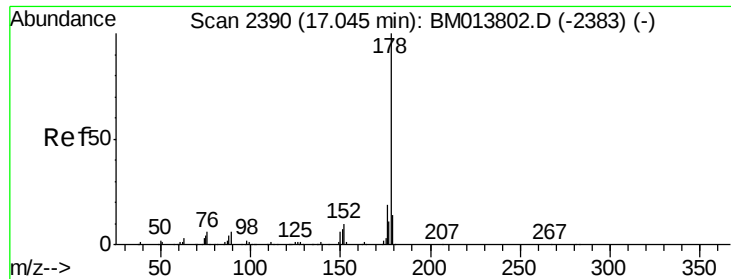
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#68
 Pentachlorophenol
 Concen: 2165.958 ng/ul
 RT: 16.68 min Scan# 2328
 Delta R.T. 0.02 min
 Lab File: BM013806.D
 Acq: 25 Jan 2018 15:26

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.3	73.9
268	63.9	52.6	78.8





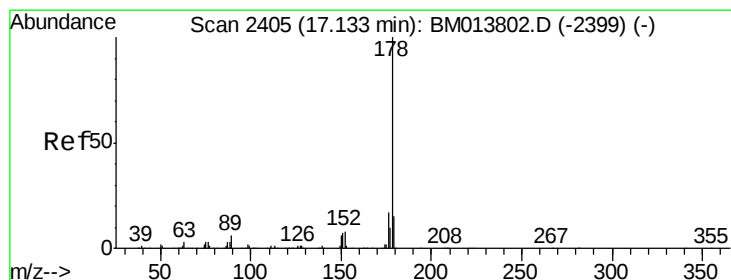
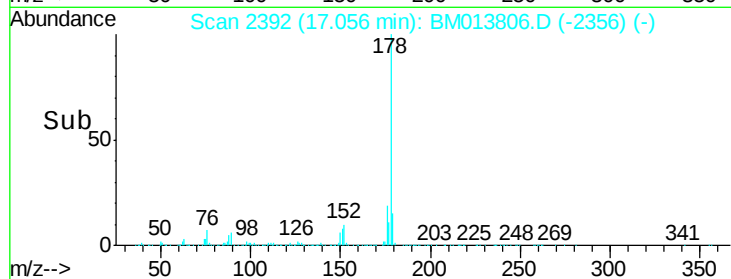
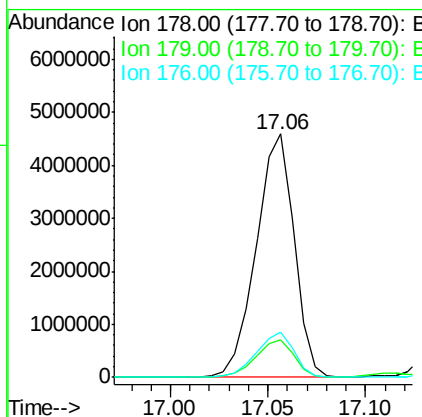
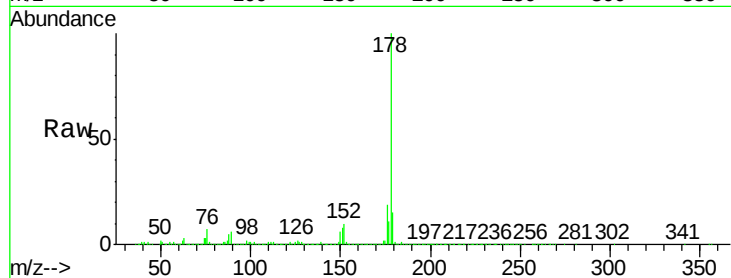
#69
 Phenanthrene
 Concen: 207.804 ng/ul
 RT: 17.06 min Scan# 2392
 Delta R.T. 0.01 min
 Lab File: BM013806.D
 Acq: 25 Jan 2018 15:26

Instrument :
 BNA_M
 ClientSampleId :
 F6A79

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	18.8	14.9	22.3

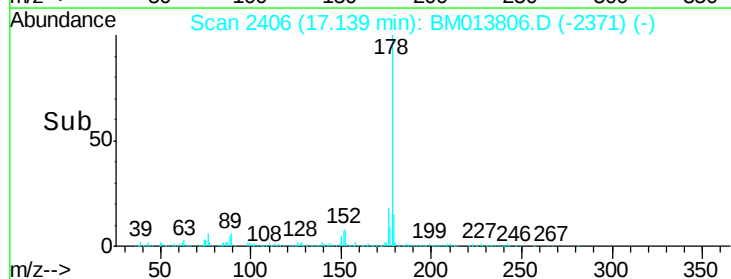
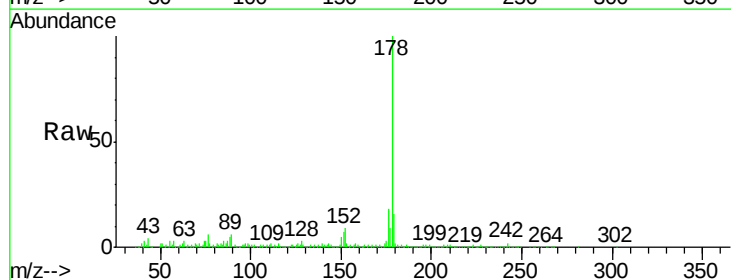
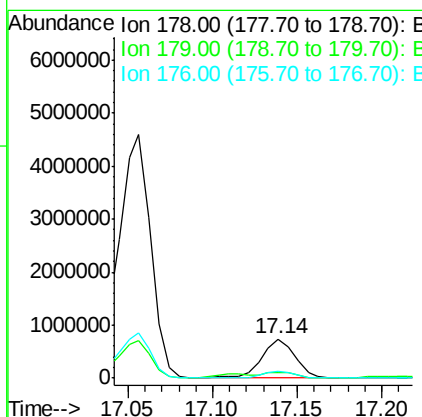
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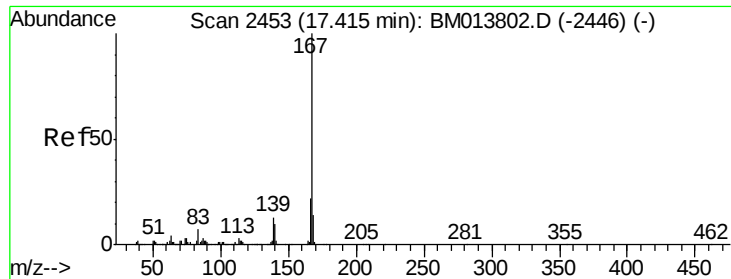
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#71
 Anthracene
 Concen: 32.333 ng/ul
 RT: 17.14 min Scan# 2406
 Delta R.T. 0.01 min
 Lab File: BM013806.D
 Acq: 25 Jan 2018 15:26

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.7	17.5
176	17.9	14.6	21.8





#72

Carbazole

Concen: 18.910 ng/ul

RT: 17.42 min Scan# 2453

Delta R.T. 0.01 min

Lab File: BM013806.D

Acq: 25 Jan 2018 15:26

Instrument :

BNA_M

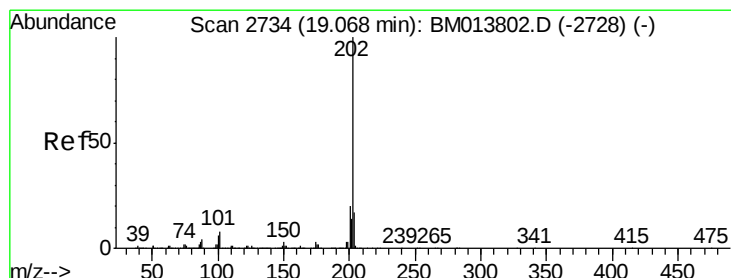
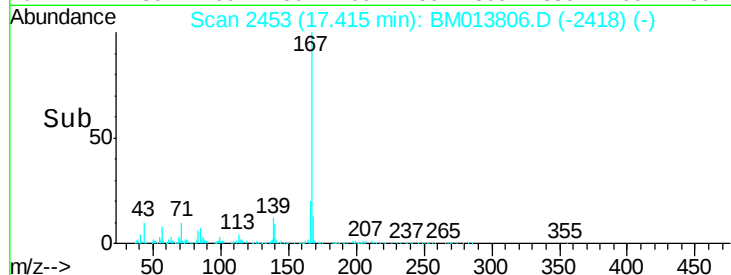
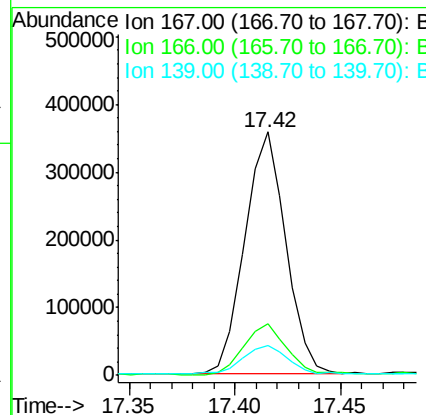
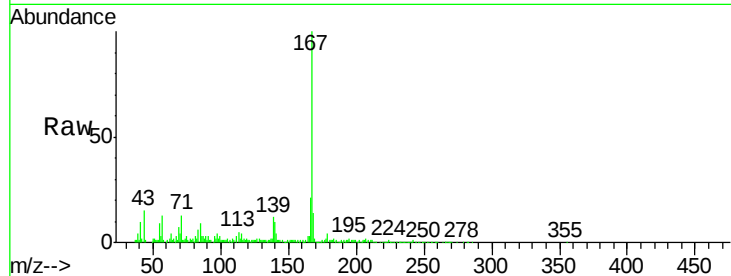
ClientSampleId :

F6A79

Tot Ion:	167	Resp:	478793
Ion Ratio		Lower	Upper
167	100		
166	21.1	17.1	25.7
139	12.4	10.0	15.0

Manual Integrations
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#74

Fluoranthene

Concen: 112.320 ng/ul

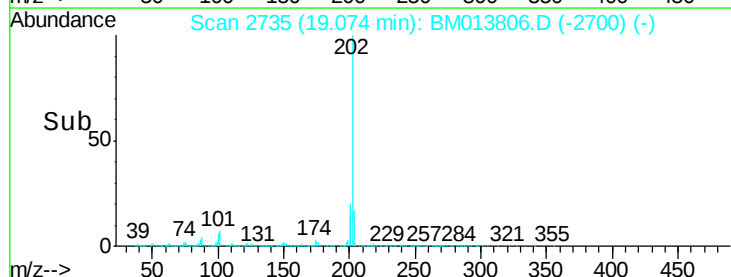
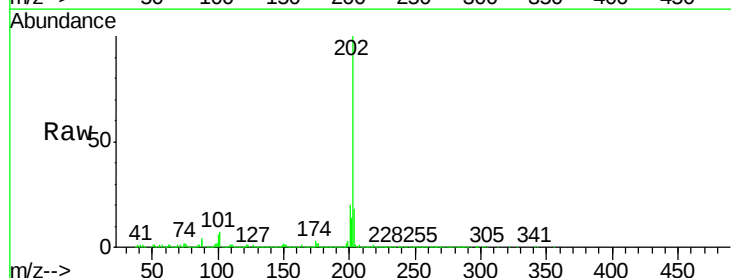
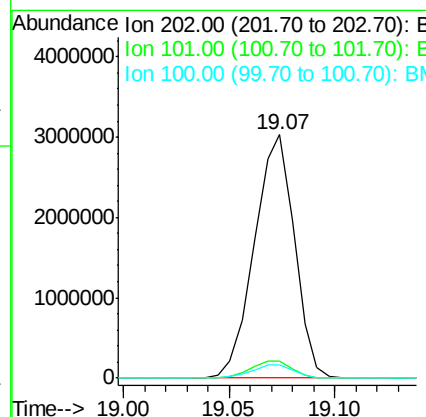
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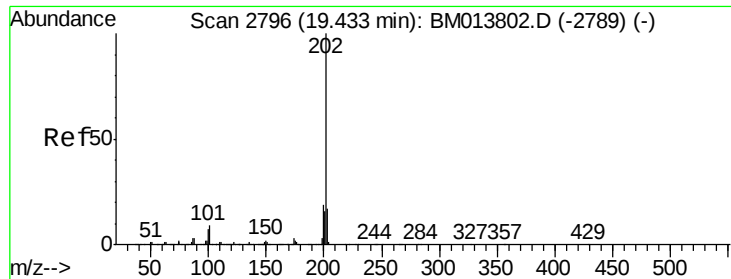
Delta R.T. 0.01 min

Lab File: BM013806.D

Acq: 25 Jan 2018 15:26

Tgt Ion:	202	Resp:	3987193
Ion Ratio		Lower	Upper
202	100		
101	7.1	4.6	7.0#
100	5.7	3.4	5.2#





#77

Pvrene

Concen: 82.643 ng/ul

RT: 19.43 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BM013806.D

Acq: 25 Jan 2018 15:26

Instrument :

BNA_M

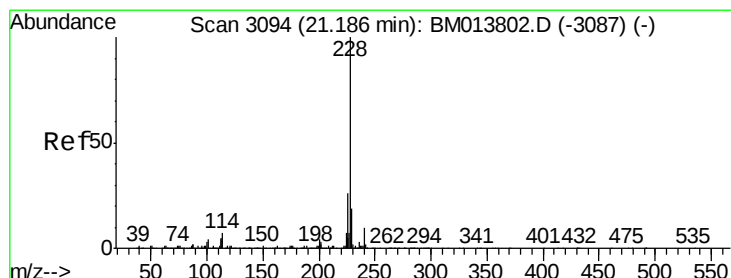
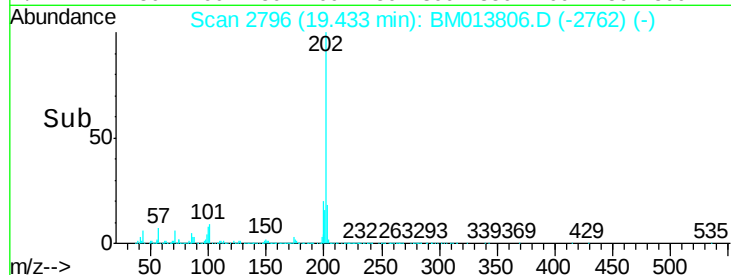
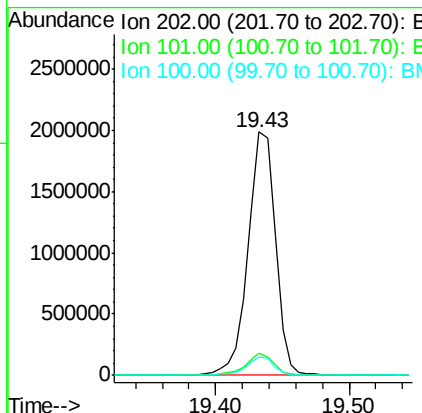
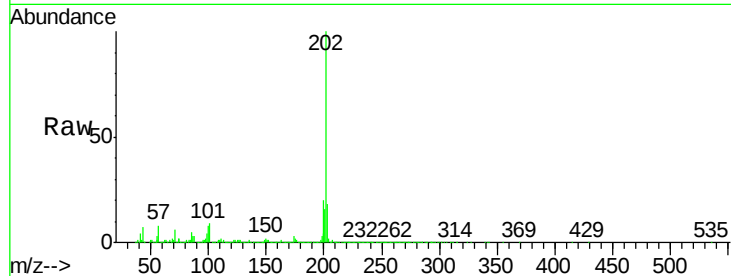
ClientSampleId :

F6A79

Tot Ion:	202	Resp:	2791341
Ion Ratio	Lower	Upper	
202	100		
101	8.9	5.1	7.7#
100	7.7	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 15.163 ng/ul

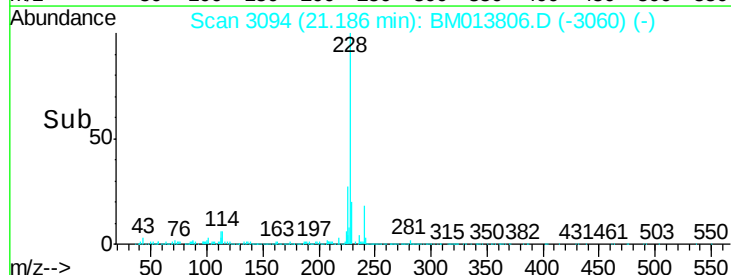
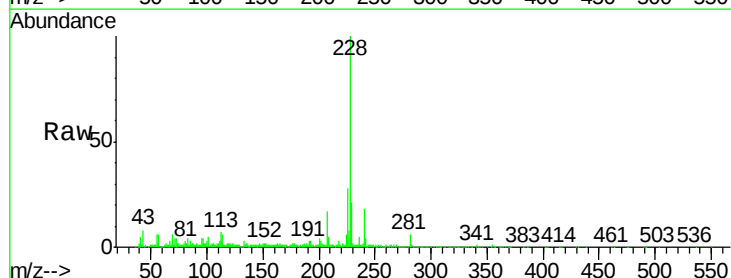
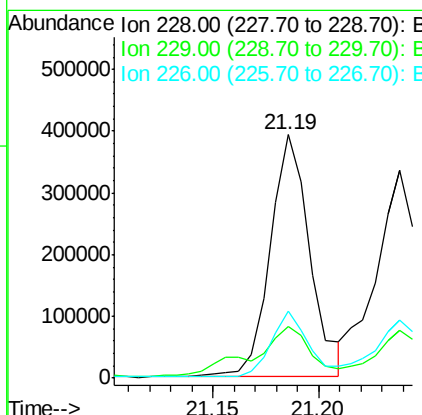
RT: 21.19 min Scan# 3094

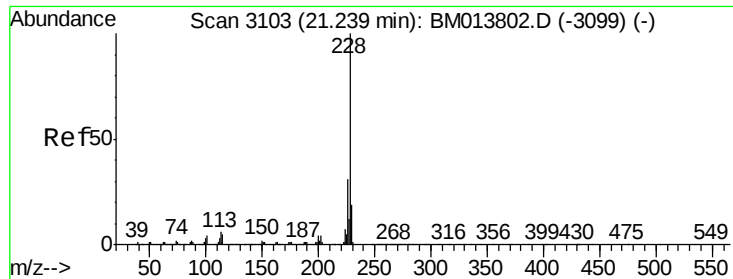
Delta R.T. -0.00 min

Lab File: BM013806.D

Acq: 25 Jan 2018 15:26

Tgt Ion:	228	Resp:	509045
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.4	23.0
226	27.6	21.4	32.0





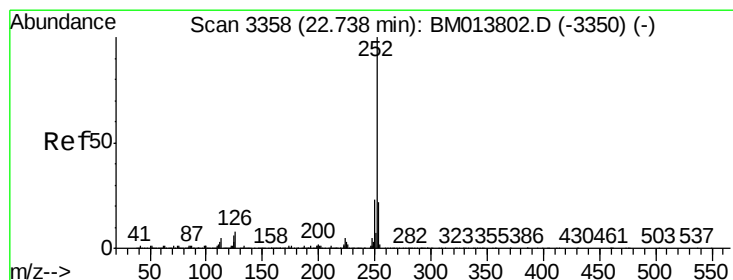
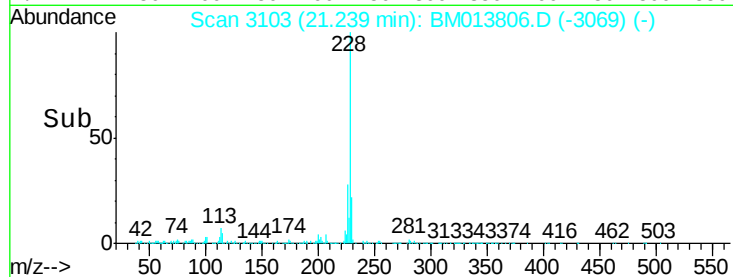
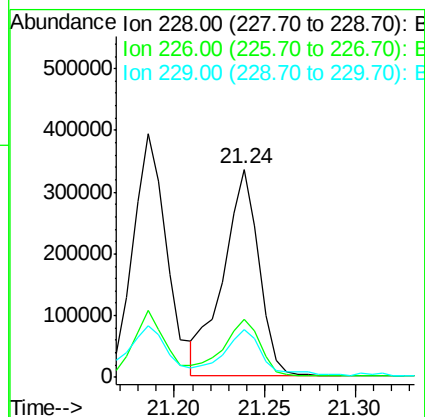
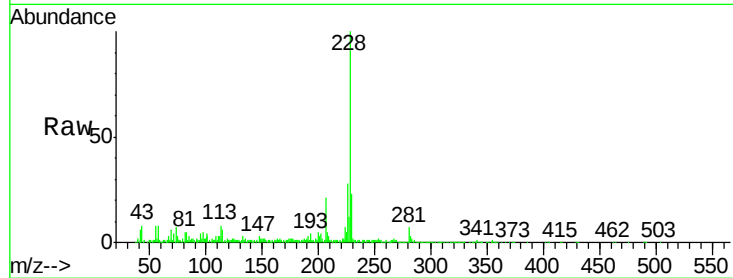
#82
Chrysene
Concen: 14.897 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BM013806.D
Acq: 25 Jan 2018 15:26

Instrument :
BNA_M
ClientSampled :
F6A79

Tot Ion:	228	Resp:	458786
Ion Ratio	Lower	Upper	
228	100		
226	27.9	23.4	35.2
229	23.0	15.5	23.3

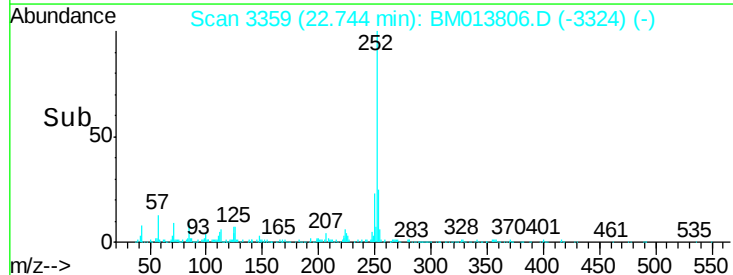
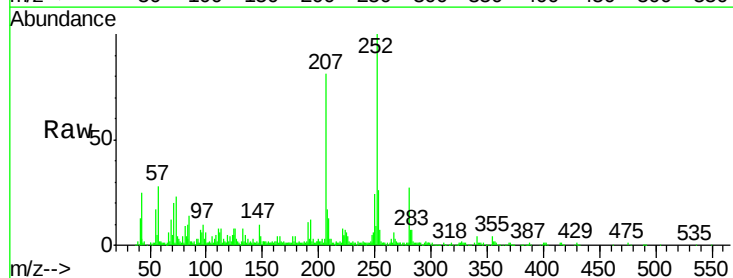
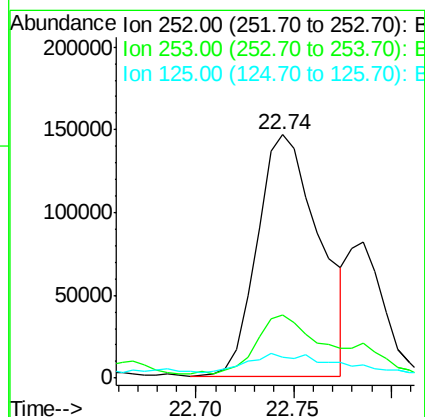
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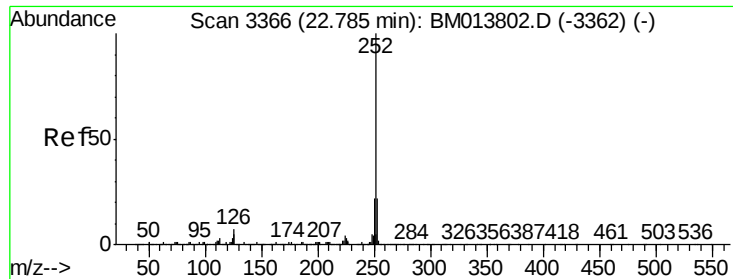
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#85
Benzo(b)fluoranthene
Concen: 9.115 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM013806.D
Acq: 25 Jan 2018 15:26

Tgt Ion:	252	Resp:	320931
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.9	26.9
125	8.5	3.6	5.4





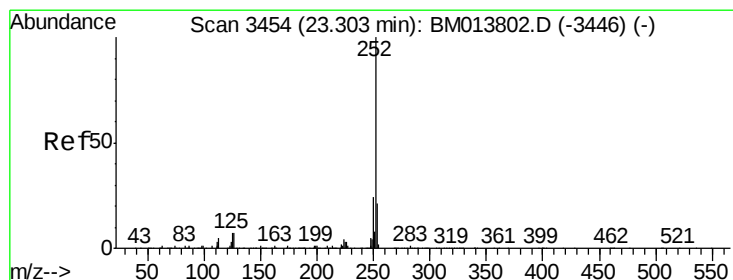
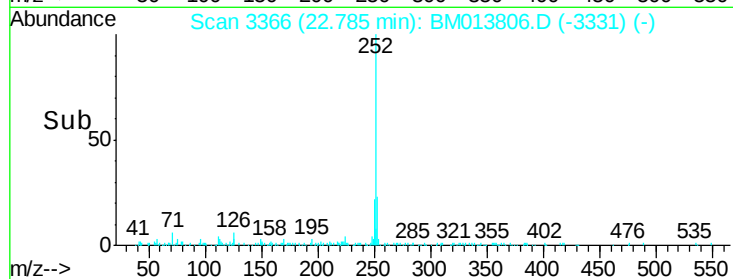
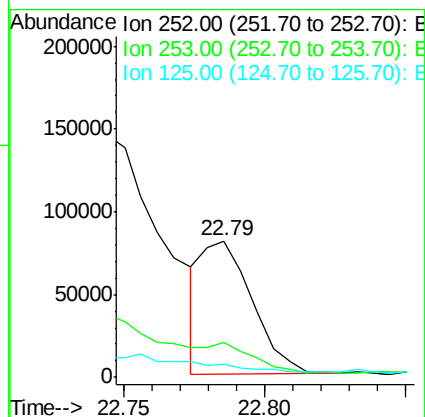
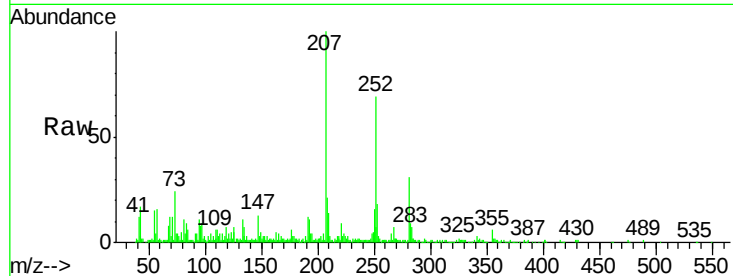
#86
Benzo(k)fluoranthene
Concen: 2.928 ng/ul
RT: 22.79 min Scan# 3366
Delta R.T. 0.01 min
Lab File: BM013806.D
Acq: 25 Jan 2018 15:26

Instrument :
BNA_M
ClientSampled :
F6A79

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.1	25.7#
125	9.5	3.4	5.2#

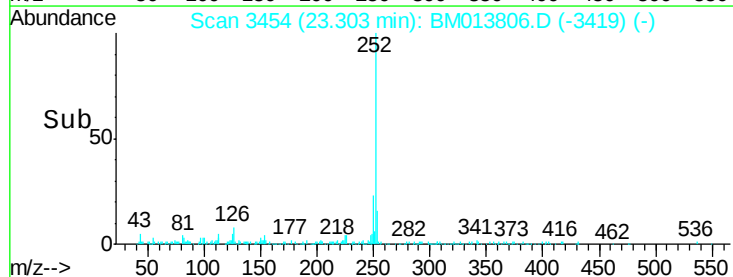
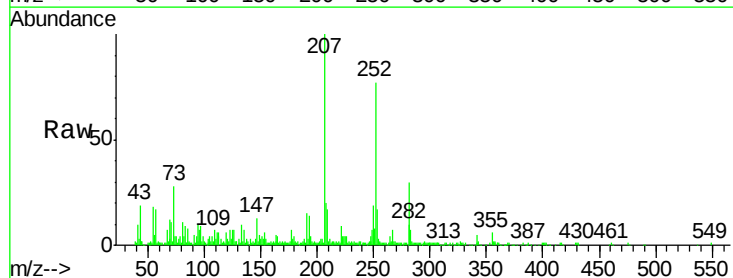
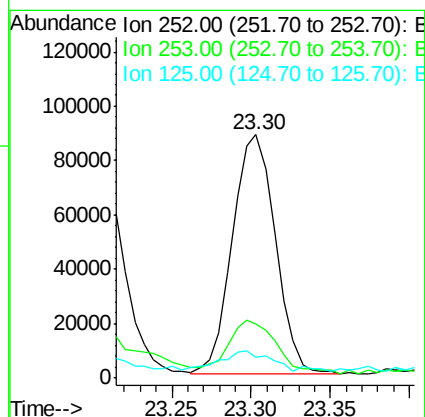
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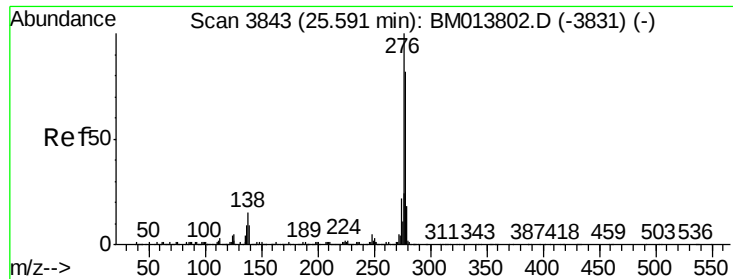
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#88
Benzo(a)pyrene
Concen: 4.952 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. 0.01 min
Lab File: BM013806.D
Acq: 25 Jan 2018 15:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	8.7	4.0	6.0#





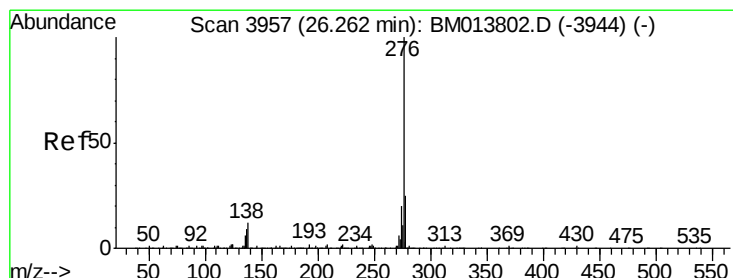
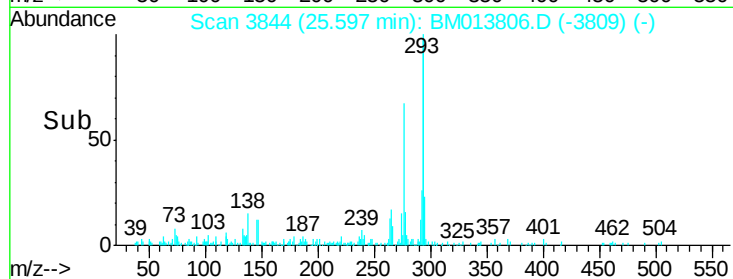
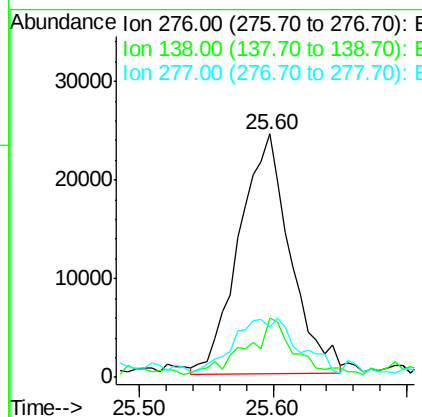
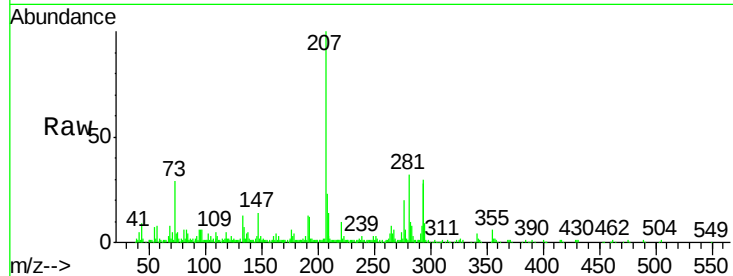
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 1.645 ng/ul
 RT: 25.60 min Scan# 3844
 Delta R.T. 0.01 min
 Lab File: BM013806.D
 Acq: 25 Jan 2018 15:26

Instrument :
 BNA_M
 ClientSampleId :
 F6A79

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	9.3	13.9#
277	20.6	19.9	29.9

Manual Integrations
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#91
 Benzo(g,h,i)perylene
 Concen: 1.603 ng/ul
 RT: 26.26 min Scan# 3957
 Delta R.T. 0.01 min
 Lab File: BM013806.D
 Acq: 25 Jan 2018 15:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.8	8.5	12.7#
277	19.4	18.6	28.0

