

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM012318\
 Data File : BM013755.D
 Acq On : 24 Jan 2018 06:24
 Operator : SJ/JU
 Sample : J1222-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A82

Manual Integrations
 APPROVED

Sohil
 1/24/2018 2:55:29 PM

Quant Time: Jan 24 07:31:52 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 24 06:09:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	184753	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	712853	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	414849	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	894779	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	938704	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	952757	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	9898	2.12	ng/uL	0.00
5) Phenol-d5	6.79	99	189002	13.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	117096	13.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	165639	14.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	137802	12.64	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	83842	15.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	93129	15.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	167993	14.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	102853	10.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	513815	15.03	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	633625	14.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	69263	12.47	ng/ul	0.00
57) Fluorene-d10	15.26	176	441048	14.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	47410	8.80	ng/ul	0.00
70) Anthracene-d10	17.11	188	701026	16.08	ng/ul	0.00
76) Pyrene-d10	19.42	212	763846	17.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	728923	16.65	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.82	94	48398	3.402	ng/ul	91
28) Naphthalene	10.43	128	309722	8.733	ng/ul	97
34) 2-Methylnaphthalene	12.05	142	946762	35.807	ng/ul	95
40) 1,1'-Biphenyl	13.08	154	75530	2.187	ng/ul#	97
44) Dimethylphthalate	13.72	163	93275	2.775	ng/ul	98
49) Acenaphthene	14.32	153	114648	4.150	ng/ul	96
53) Dibenzofuran	14.66	168	114930m	2.765	ng/ul	
55) 2,3,4,6-Tetrachlorophenol	14.89	232	107497	12.344	ng/ul#	89
58) Fluorene	15.31	166	133224	3.913	ng/ul#	97
68) Pentachlorophenol	16.67	266	1540359	254.815	ng/ul	99
69) Phenanthrene	17.06	178	515148	10.357	ng/ul	97
71) Anthracene	17.14	178	67788m	1.321	ng/ul	
74) Fluoranthene	19.07	202	178045	2.999	ng/ul#	91
77) Pyrene	19.44	202	156219	2.737	ng/ul#	93

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

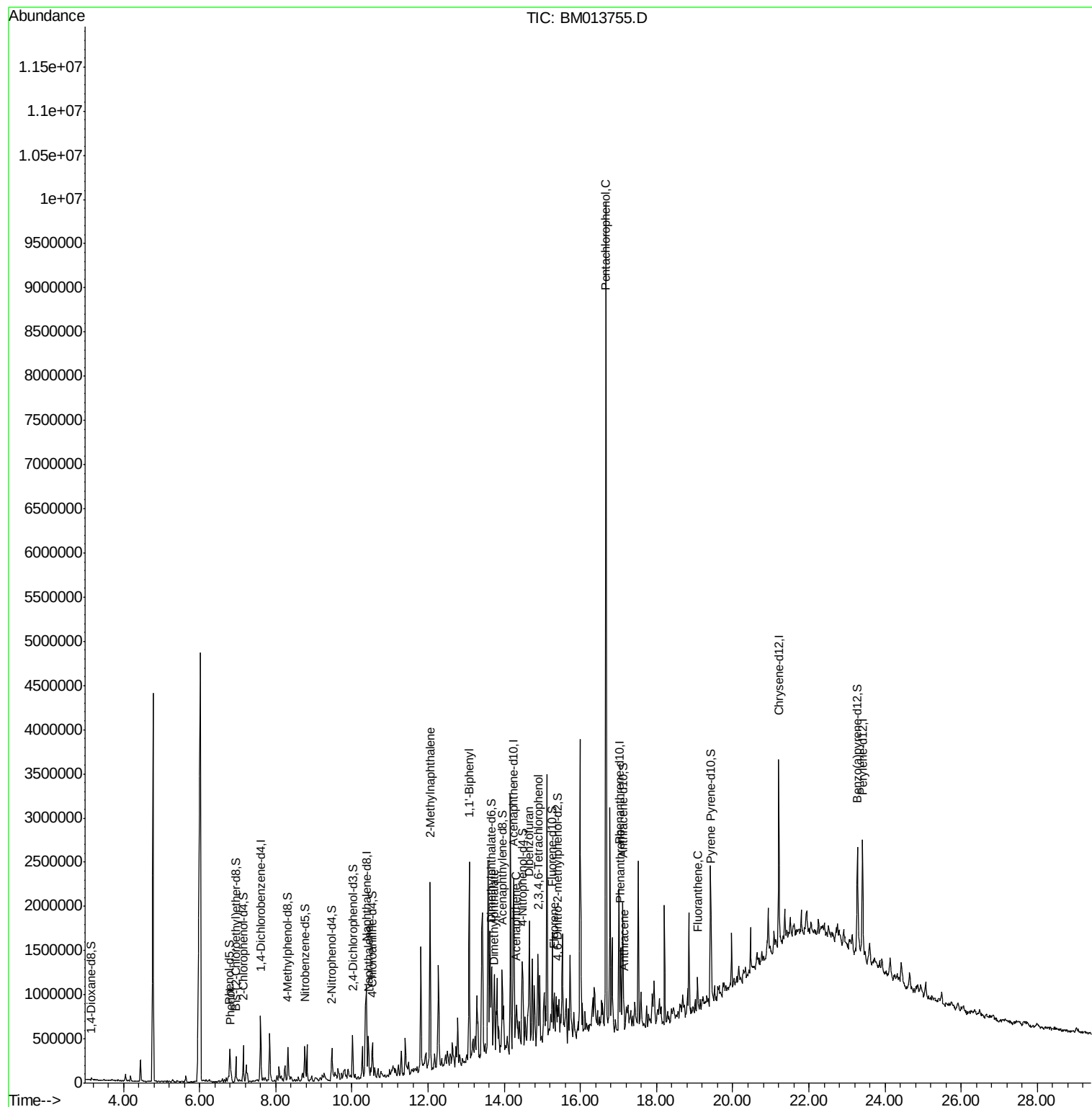
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013755.D
Acq On : 24 Jan 2018 06:24
Operator : SJ/JU
Sample : J1222-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

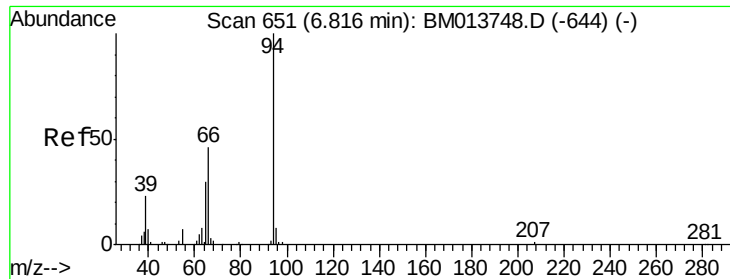
Instrument :
BNA_M
ClientSampled :
F6A82

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Quant Time: Jan 24 07:31:52 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 24 06:09:06 2018
Response via : Initial Calibration





#6

Phenol

Concen: 3.402 ng/ul

RT: 6.82 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM013755.D

Acq: 24 Jan 2018 06:24

Instrument :

BNA_M

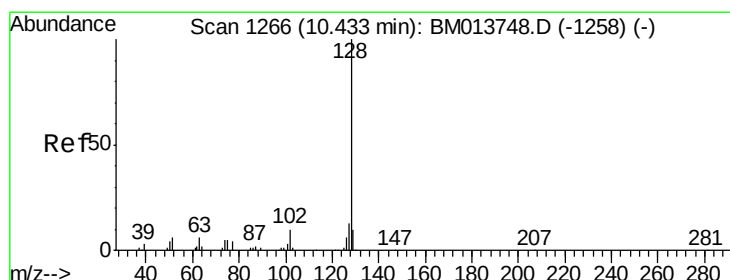
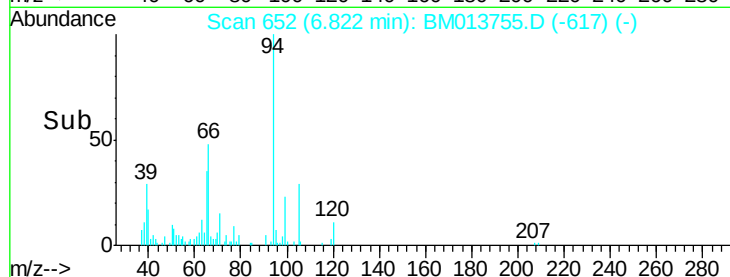
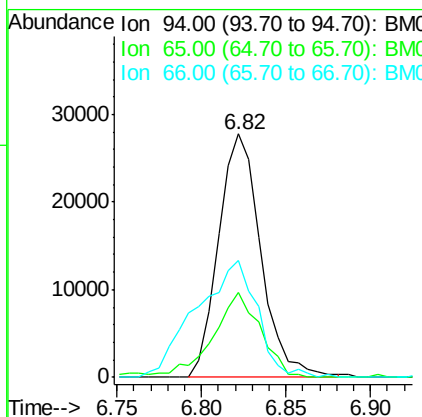
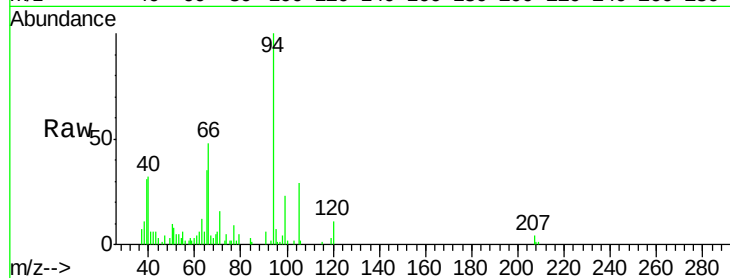
ClientSampleId :

F6A82

Tgt Ion:	94	Resp:	48398
Ion Ratio	Lower	Upper	
94	100		
65	35.0	28.2	42.4
66	48.3	47.2	70.8

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#28

Naphthalene

Concen: 8.733 ng/ul

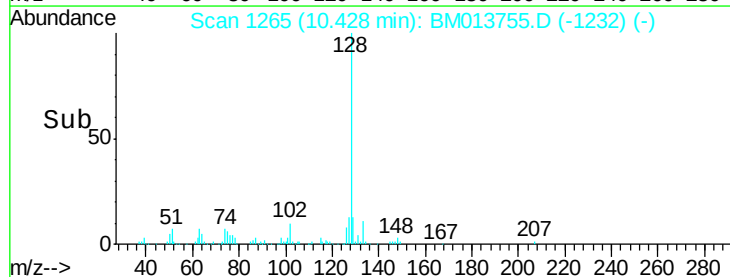
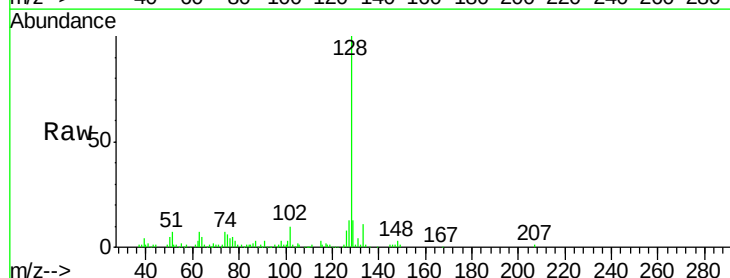
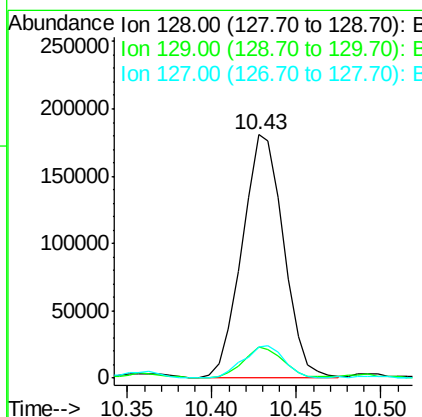
RT: 10.43 min Scan# 1265

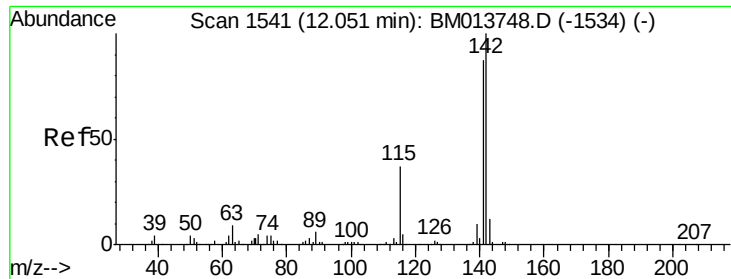
Delta R.T. -0.01 min

Lab File: BM013755.D

Acq: 24 Jan 2018 06:24

Tgt Ion:	128	Resp:	309722
Ion Ratio	Lower	Upper	
128	100		
129	12.8	8.8	13.2
127	13.0	10.6	16.0





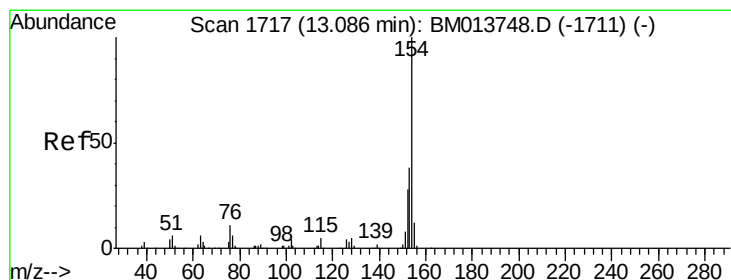
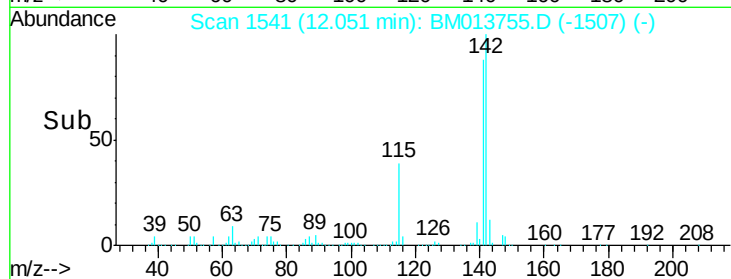
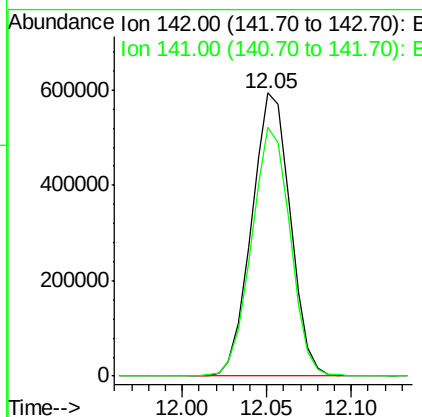
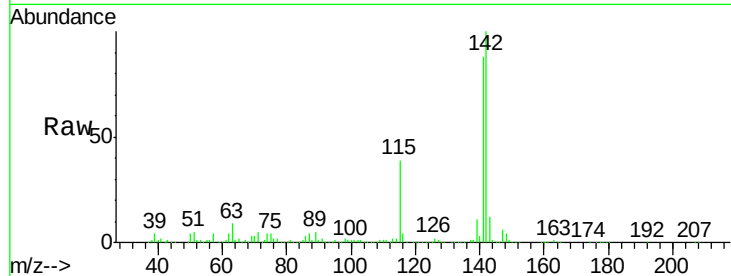
#34
 2-Methylnaphthalene
 Concen: 35.807 ng/ul
 RT: 12.05 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BM013755.D
 Acq: 24 Jan 2018 06:24

Instrument :
 BNA_M
 ClientSampleId :
 F6A82

Tgt Ion:142 Resp: 946762
 Ion Ratio Lower Upper
 142 100
 141 88.0 74.1 111.1

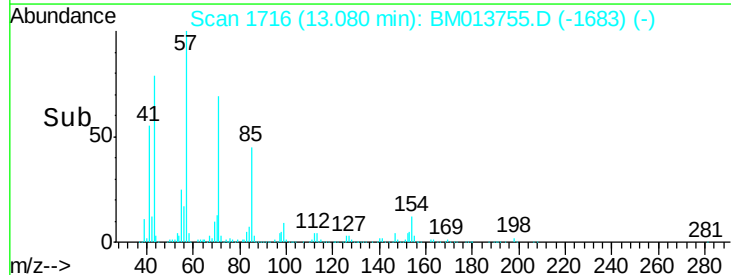
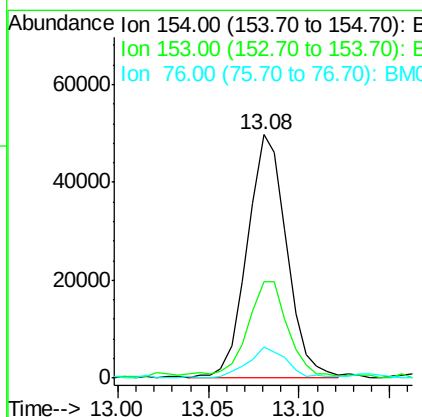
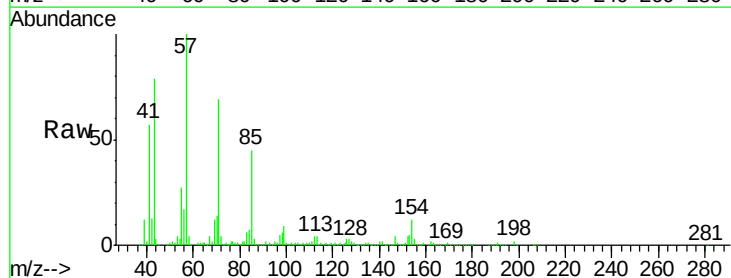
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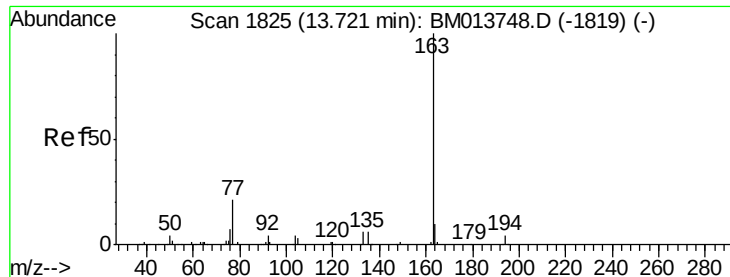
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#40
 1,1'-Biphenyl
 Concen: 2.187 ng/ul
 RT: 13.08 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM013755.D
 Acq: 24 Jan 2018 06:24

Tgt Ion:154 Resp: 75530
 Ion Ratio Lower Upper
 154 100
 153 39.7 32.6 48.8
 76 13.0 8.5 12.7#





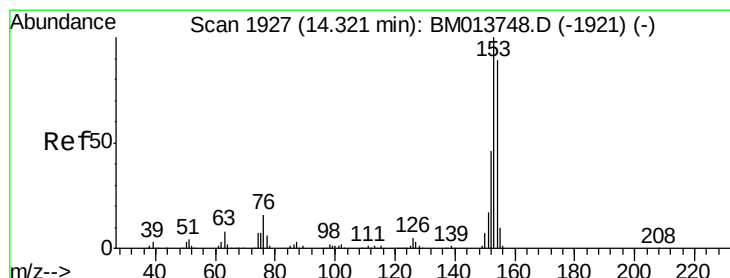
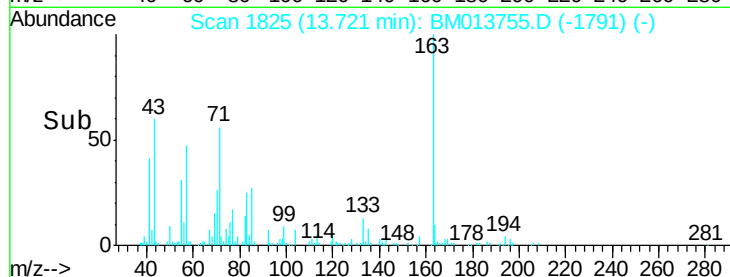
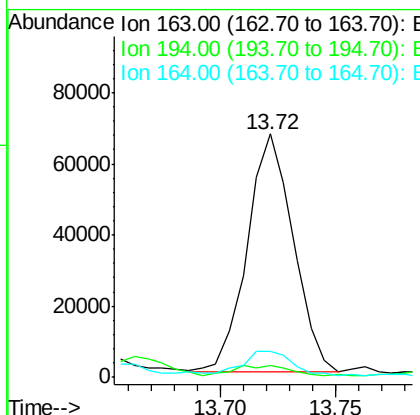
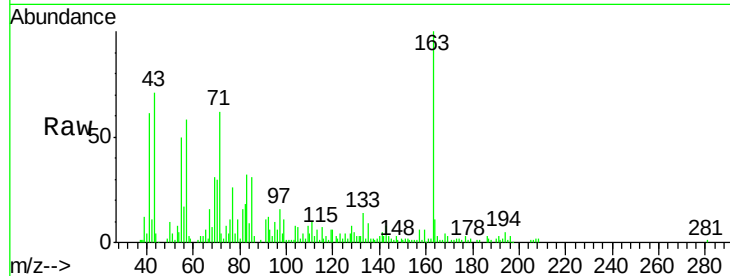
#44
Dimethylphthalate
Concen: 2.775 ng/ul
RT: 13.72 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BM013755.D
Acq: 24 Jan 2018 06:24

Instrument :
BNA_M
ClientSampleId :
F6A82

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	93275		
194	5.0		3.5	5.3
164	10.9		8.2	12.4

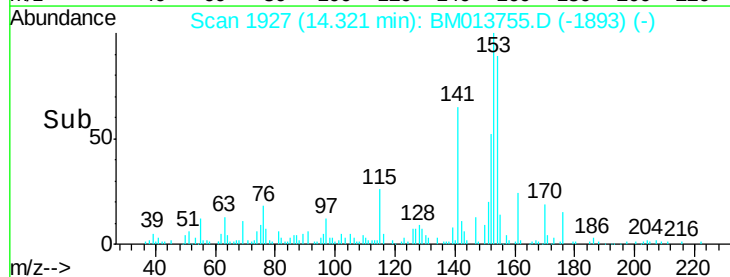
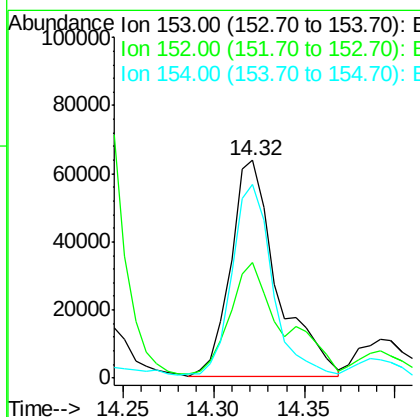
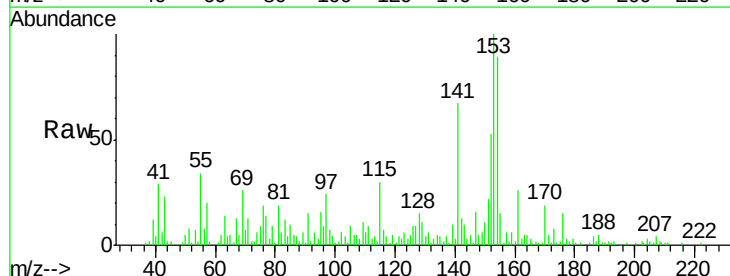
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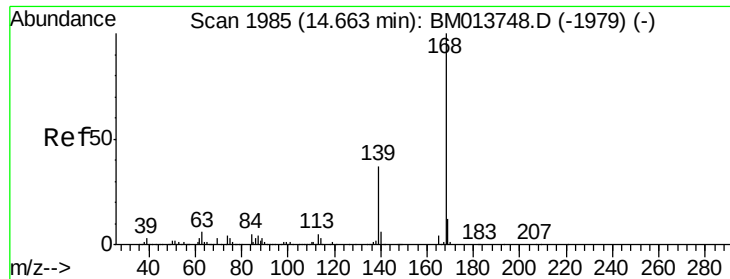
Sohil
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#49
Acenaphthene
Concen: 4.150 ng/ul
RT: 14.32 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BM013755.D
Acq: 24 Jan 2018 06:24

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	114648		
152	53.0		37.6	56.4
154	89.1		70.4	105.6





#53

Dibenzofuran

Concen: 2.765 ng/ul m

RT: 14.66 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BM013755.D

Acq: 24 Jan 2018 06:24

Instrument :

BNA_M

ClientSampleId :

F6A82

Tgt Ion:168 Resp: 114930

Ion Ratio Lower Upper

168 100

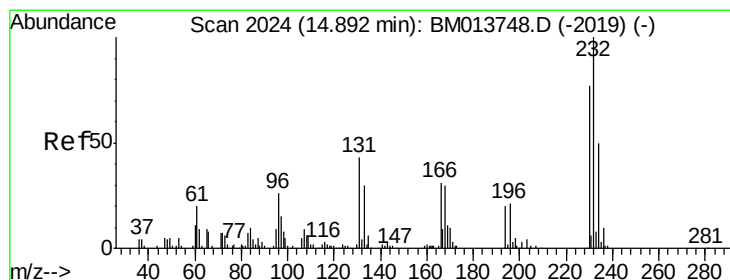
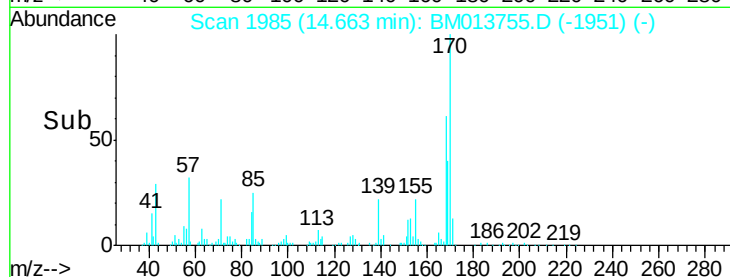
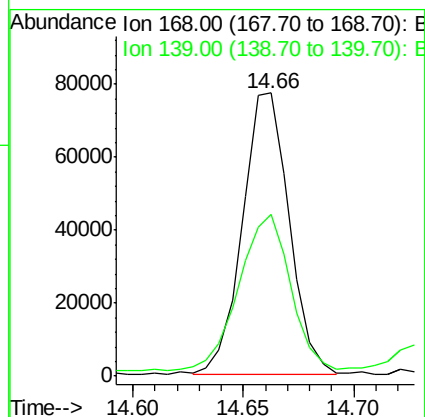
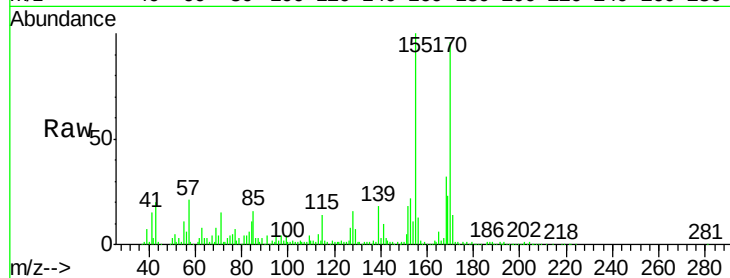
139 57.3 30.8 46.2#

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#55

2,3,4,6-Tetrachlorophenol

Concen: 12.344 ng/ul

RT: 14.89 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BM013755.D

Acq: 24 Jan 2018 06:24

Tgt Ion:232 Resp: 107497

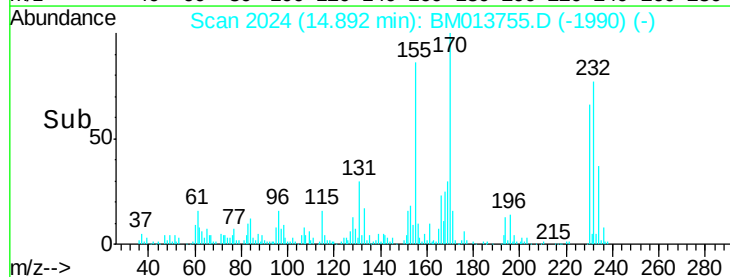
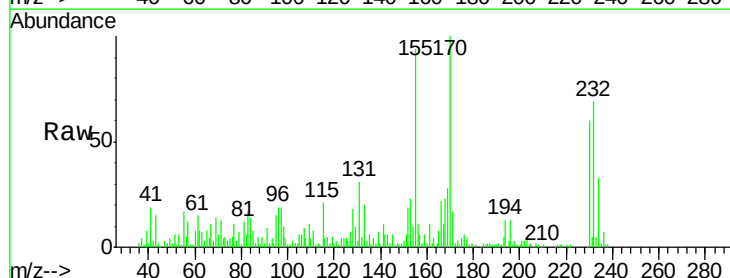
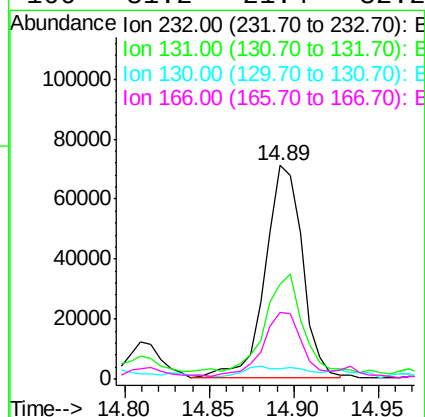
Ion Ratio Lower Upper

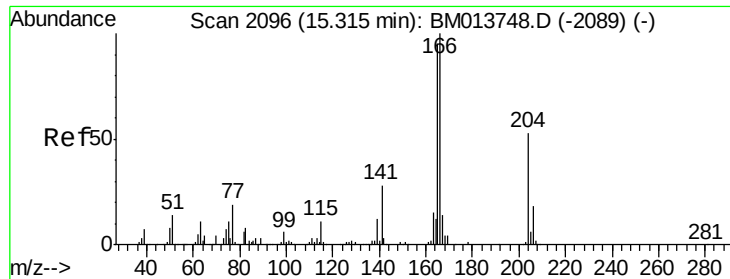
232 100

131 44.1 29.0 43.4#

130 4.9 2.0 3.0#

166 31.2 21.4 32.2





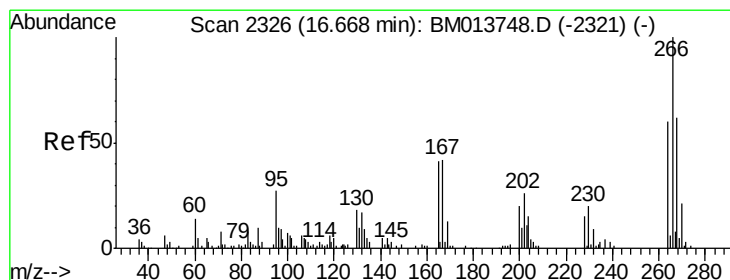
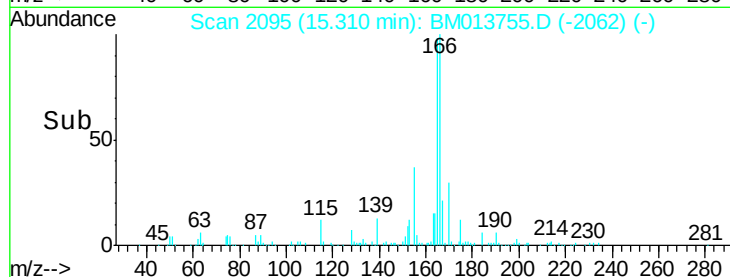
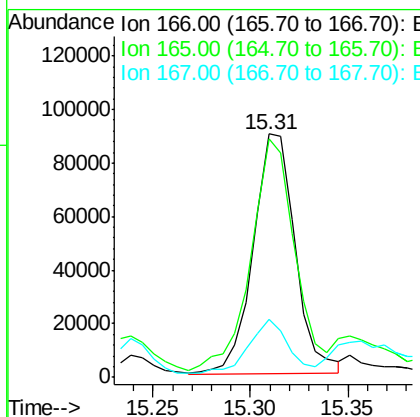
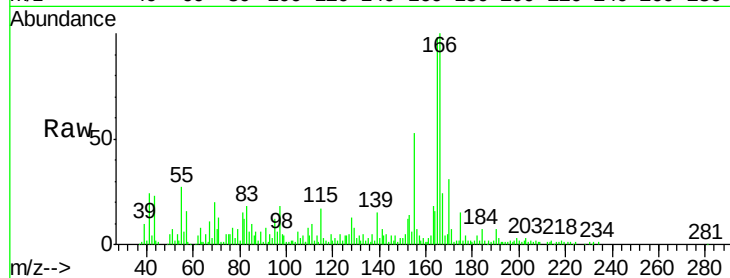
#58
 Fluorene
 Concen: 3.913 ng/ul
 RT: 15.31 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BM013755.D
 Acq: 24 Jan 2018 06:24

Instrument :
 BNA_M
 ClientSampleId :
 F6A82

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.9	116.9
167	23.7	10.6	16.0#

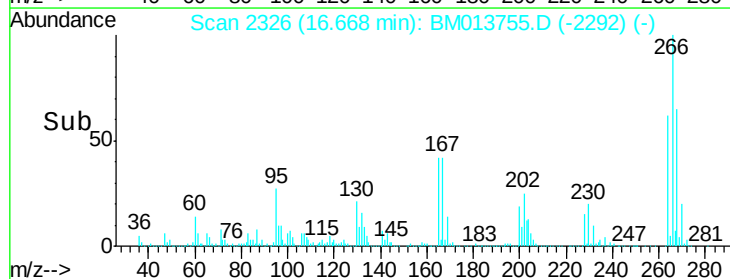
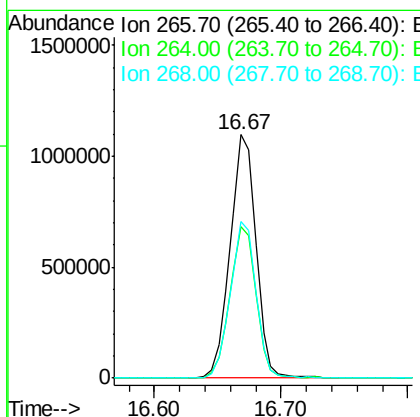
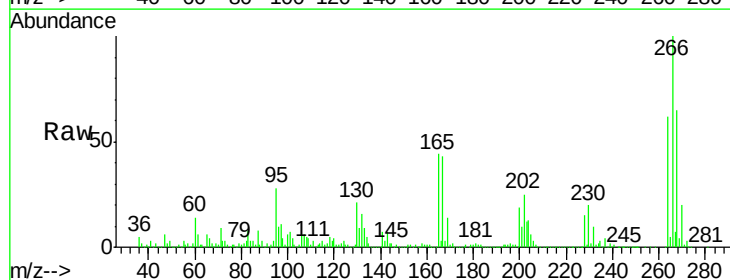
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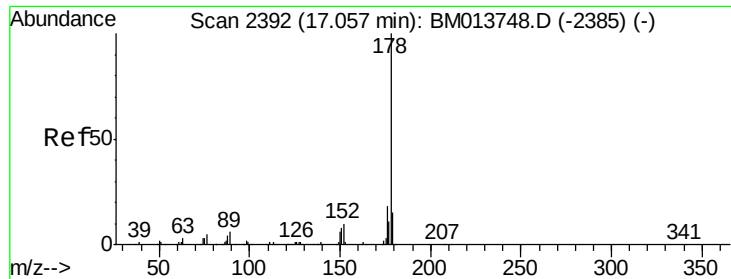
Sohil
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#68
 Pentachlorophenol
 Concen: 254.815 ng/ul
 RT: 16.67 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BM013755.D
 Acq: 24 Jan 2018 06:24

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.0	49.3	73.9
268	64.6	52.6	78.8





#69

Phenanthrene

Concen: 10.357 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BM013755.D

Acq: 24 Jan 2018 06:24

Instrument :

BNA_M

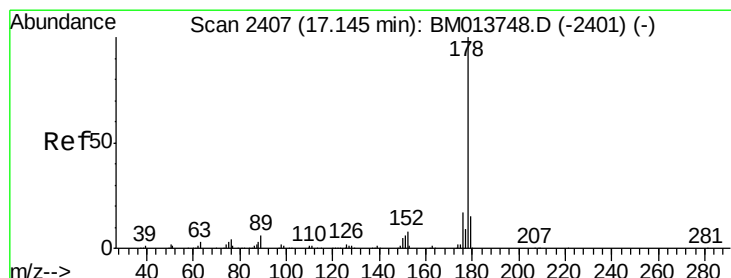
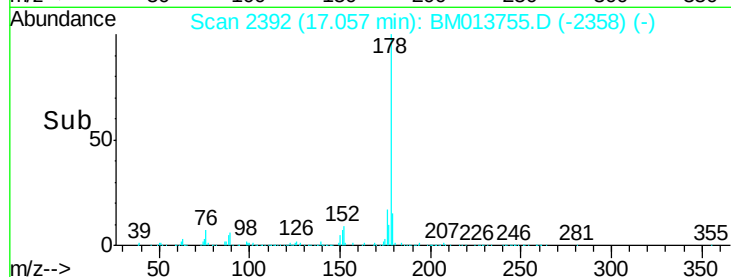
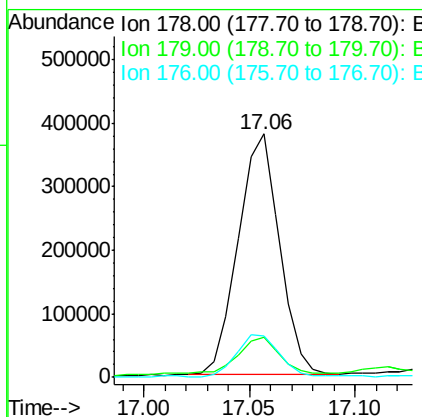
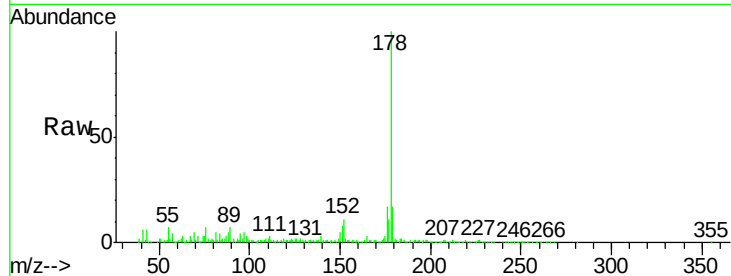
ClientSampled :

F6A82

Tgt Ion:	178	Resp:	515148
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.6	19.0
176	17.1	14.9	22.3

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#71

Anthracene

Concen: 1.321 ng/ul m

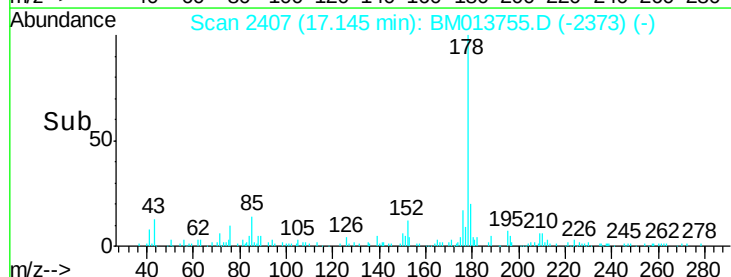
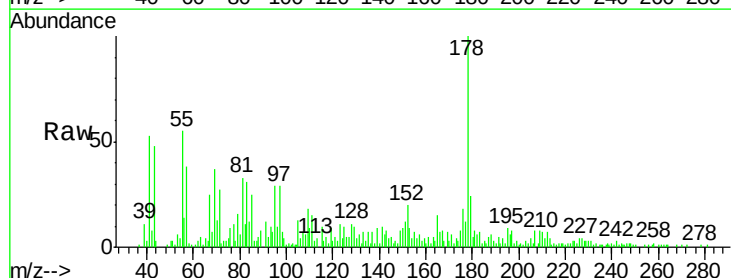
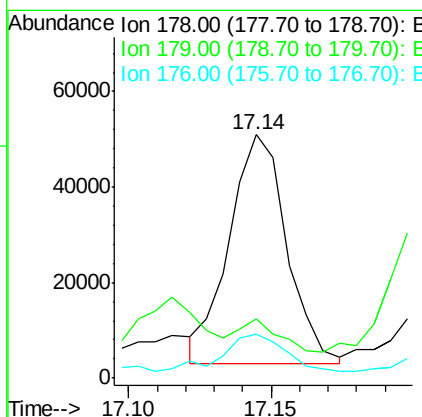
RT: 17.14 min Scan# 2407

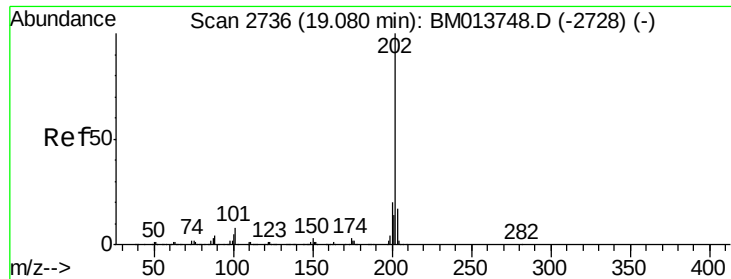
Delta R.T. -0.00 min

Lab File: BM013755.D

Acq: 24 Jan 2018 06:24

Tgt Ion:	178	Resp:	67788
Ion Ratio	Lower	Upper	
178	100		
179	24.2	11.7	17.5#
176	17.8	14.6	21.8





#74

Fluoranthene

Concen: 2.999 ng/ul

RT: 19.07 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BM013755.D

Acq: 24 Jan 2018 06:24

Instrument :

BNA_M

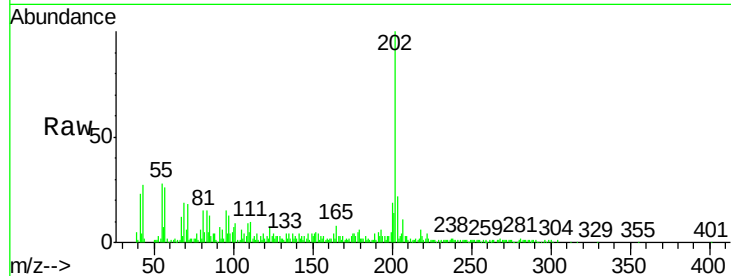
ClientSampleId :

F6A82

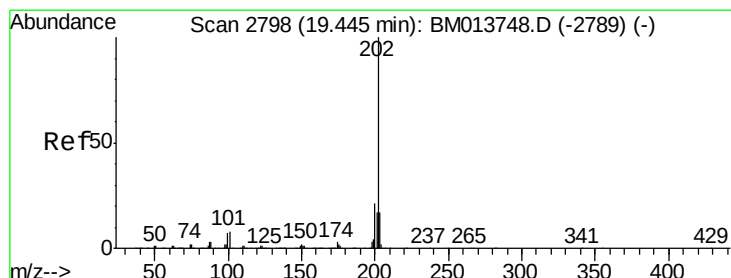
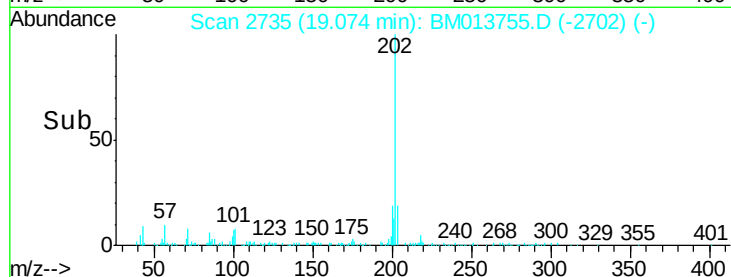
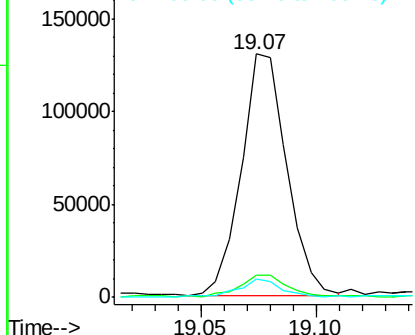
Tgt Ion:	202	Resp:	178045
Ion Ratio	Lower	Upper	
202	100		
101	8.9	4.6	7.0#
100	7.4	3.4	5.2#

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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: 2.737 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BM013755.D

Acq: 24 Jan 2018 06:24

Tgt Ion:	202	Resp:	156219
Ion Ratio	Lower	Upper	
202	100		
101	8.6	5.1	7.7#
100	8.4	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

