Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
Data File : BM021562.D
Acq On : 19 Jul 2019 17:46
Operator : HP/JU
Sample : K3822-09DL2 50X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B0DL2

Quant Time: Jul 19 18:19:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 00:39:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	141928	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	550357	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	311072	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.11	188	721666	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	735947	20.00	ng/ul	0.00
85) Perylene-d12	23.56	264	857759	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.90	99	758	0.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	3292	0.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	3952	0.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	1529	0.17	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	1580	0.35	ng/ul	0.01
22) 2-Nitrophenol-d4	9.59	143	1331	0.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	2796	0.27	ng/ul	0.04
29) 4-Chloroaniline-d4	10.66	131	238	0.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	14638	0.54	ng/ul	0.01
46) Acenaphthylene-d8	14.05	160	16176	0.47	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.36	176	13915	0.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	243	0.05	ng/ul	0.03
70) Anthracene-d10	17.22	188	21930	0.59	ng/ul	0.00
78) Pyrene-d10	19.51	212	22052	0.55	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.41	264	26245	0.53	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.55	128	778888	27.194	ng/ul	100
34) 2-Methylnaphthalene	12.17	142	46925	2.223	ng/ul	99
49) Acenaphthene	14.42	153	62040	2.869	ng/ul	98
53) Dibenzofuran	14.77	168	56655	1.809	ng/ul	99
58) Fluorene	15.42	166	38418	1.516	ng/ul	99
69) Phenanthrene	17.15	178	53657	1.319	ng/ul	98

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

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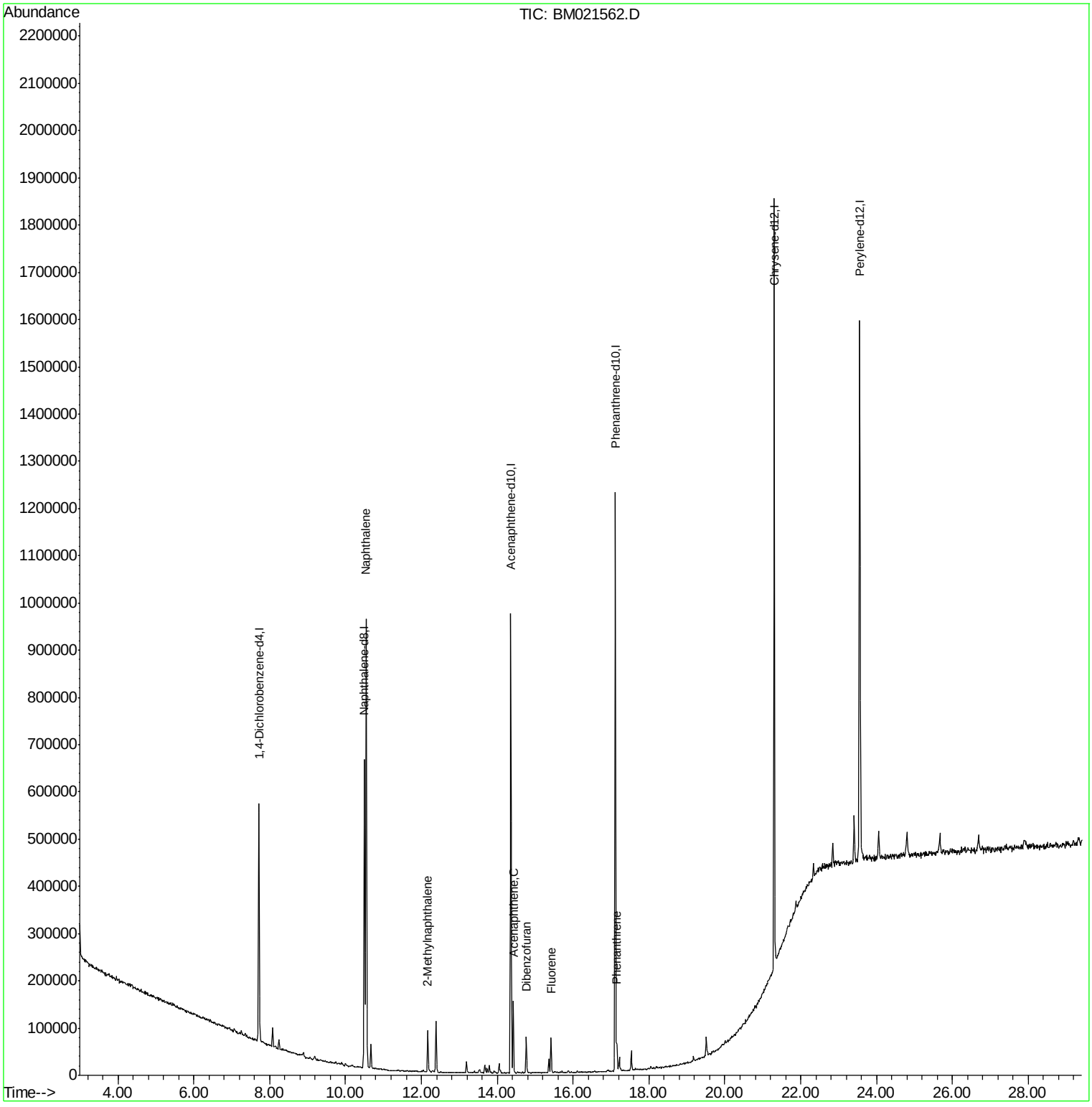
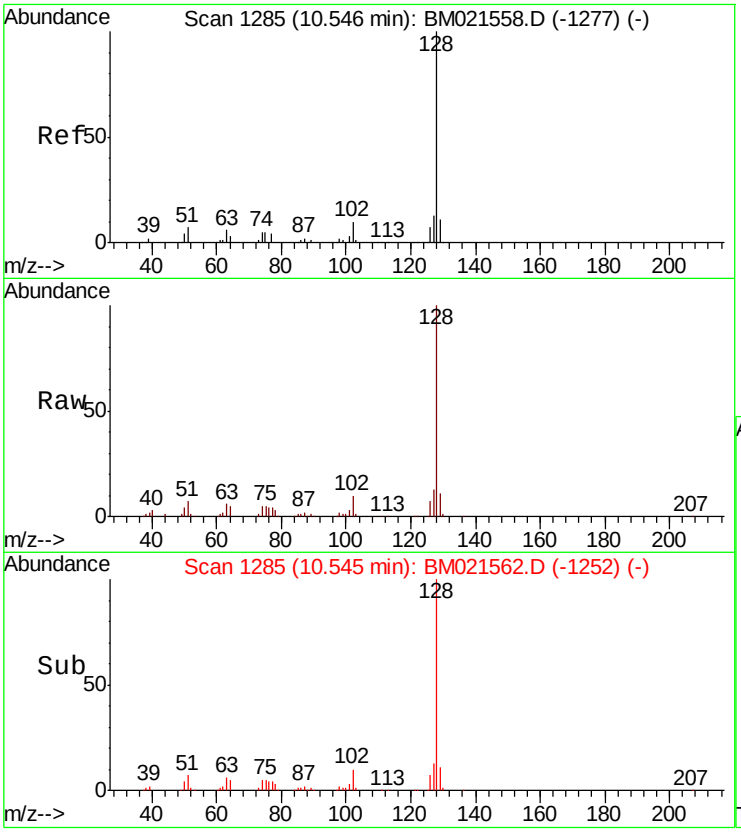


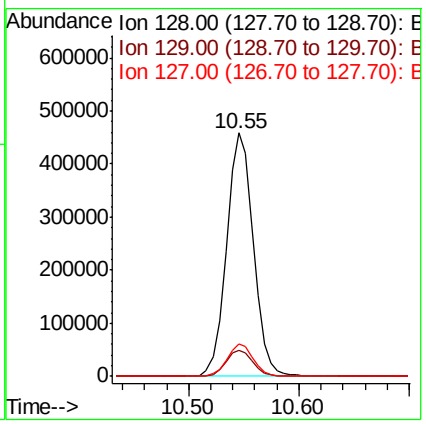


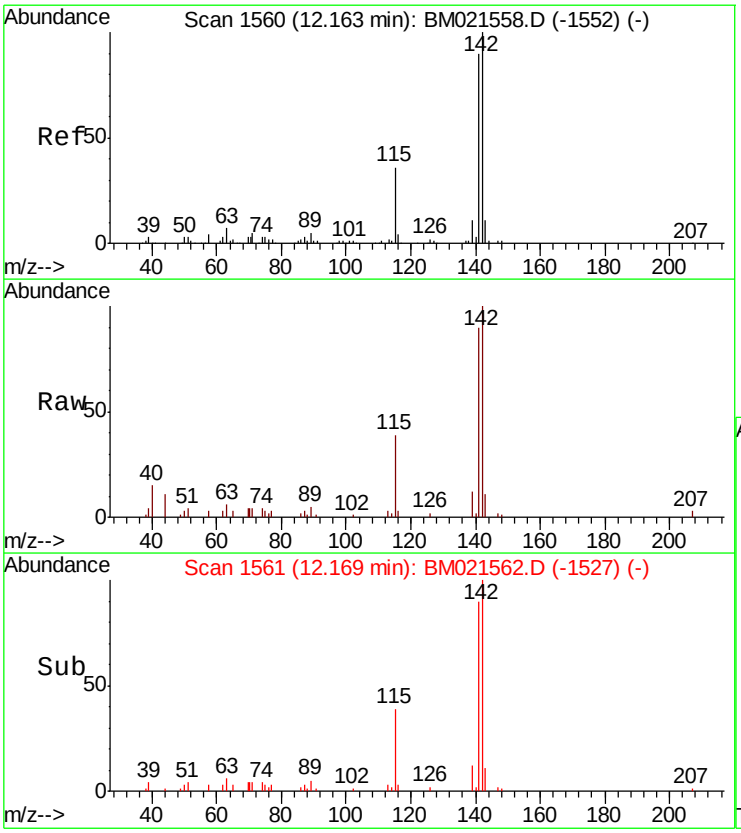
#28
Naphthalene
Concen: 27.194 ng/ul
RT: 10.55 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BM021562.D
Acq: 19 Jul 2019 17:46

Instrument :
BNA_M
ClientSampleId :
BF4B0DL2

Tgt Ion:128 Resp: 778888

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.1	10.6	16.0

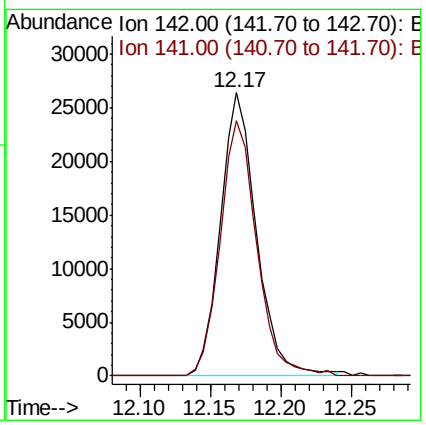


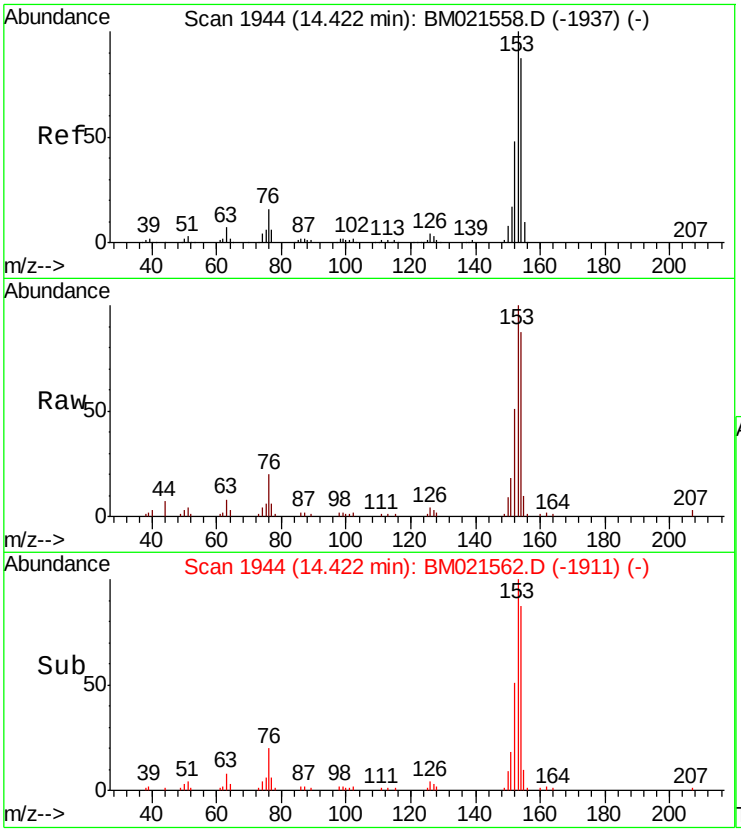


#34
2-Methylnaphthalene
Concen: 2.223 ng/ul
RT: 12.17 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BM021562.D
Acq: 19 Jul 2019 17:46

Tgt Ion:142 Resp: 46925

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.1	106.7



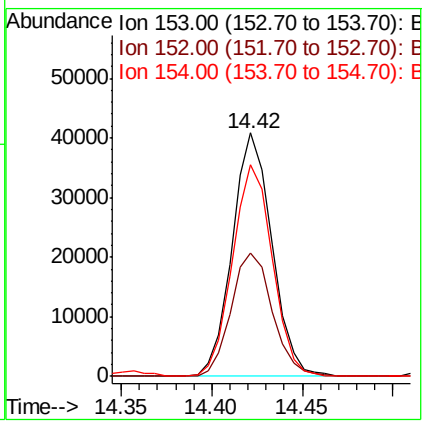


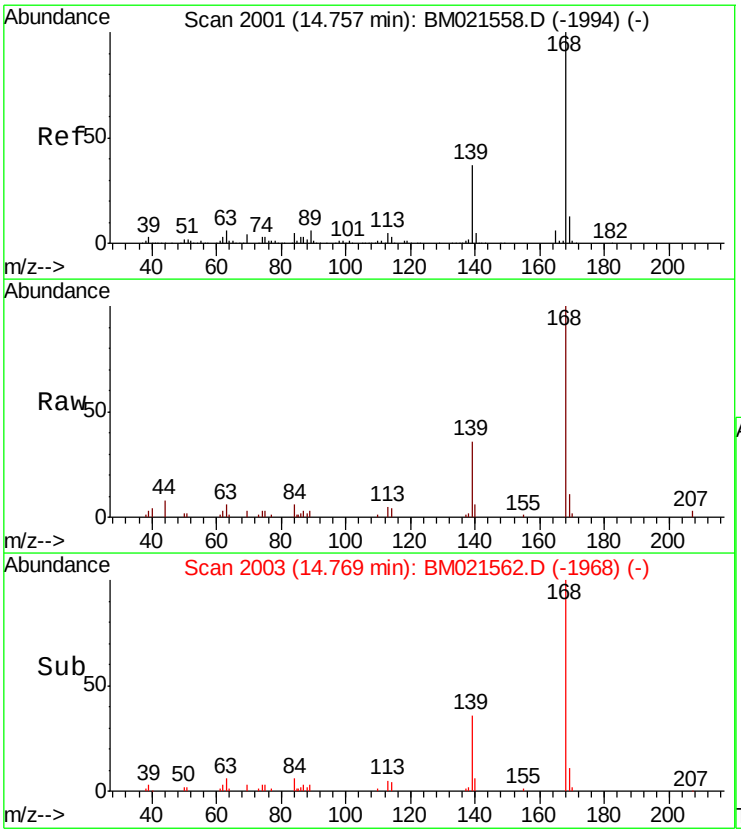
#49
Acenaphthene
Concen: 2.869 ng/ul
RT: 14.42 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM021562.D
Acq: 19 Jul 2019 17:46

Instrument :
BNA_M
ClientSampleId :
BF4B0DL2

Tgt Ion:153 Resp: 62040

Ion	Ratio	Lower	Upper
153	100		
152	50.6	38.2	57.4
154	87.0	70.0	105.0

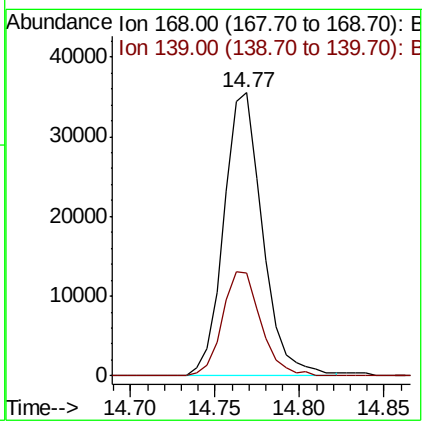


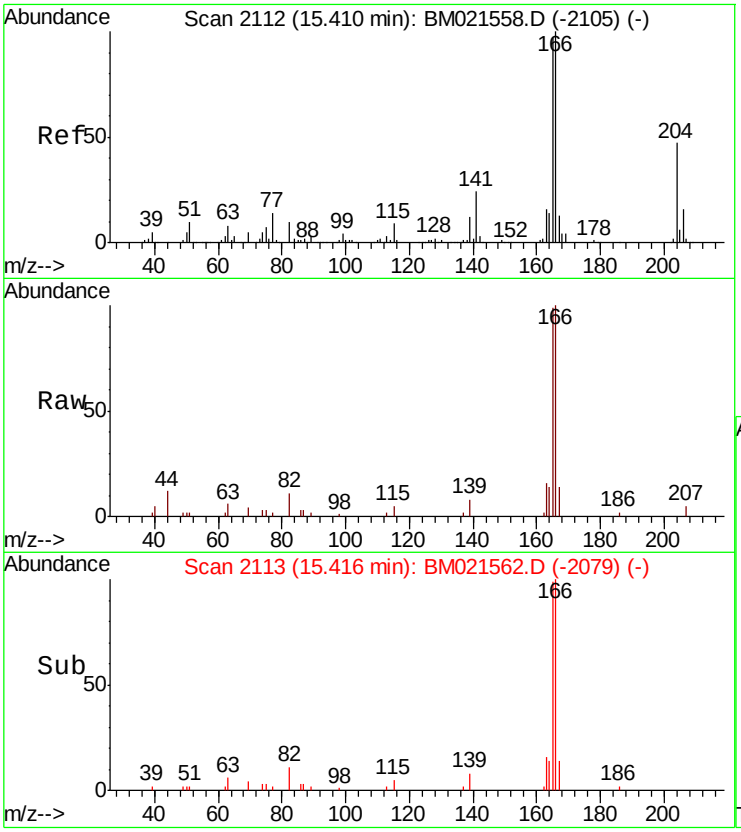


#53
Dibenzofuran
Concen: 1.809 ng/ul
RT: 14.77 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BM021562.D
Acq: 19 Jul 2019 17:46

Tgt Ion:168 Resp: 56655

Ion	Ratio	Lower	Upper
168	100		
139	36.3	28.4	42.6



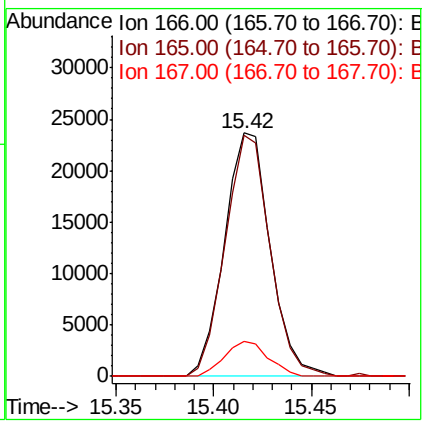


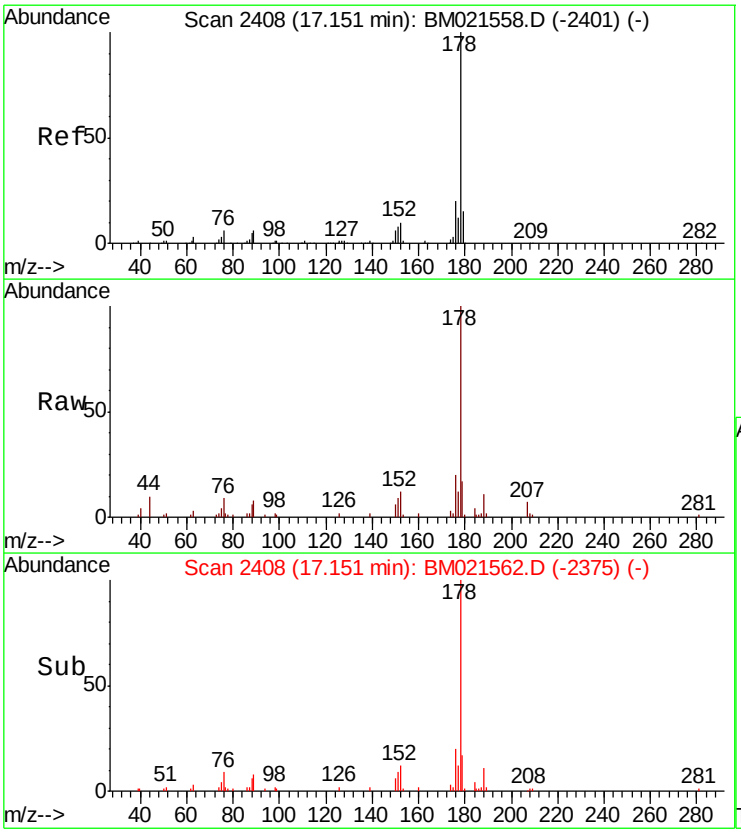
#58
Fluorene
Concen: 1.516 ng/ul
RT: 15.42 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BM021562.D
Acq: 19 Jul 2019 17:46

Instrument :
BNA_M
ClientSampleId :
BF4B0DL2

Tgt Ion:166 Resp: 38418

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	117.8
167	14.4	10.7	16.1





#69
Phenanthrene
Concen: 1.319 ng/ul
RT: 17.15 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM021562.D
Acq: 19 Jul 2019 17:46

Tgt Ion:178 Resp: 53657

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.2	18.2
176	19.9	15.4	23.0