Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023801.D
Acq On : 19 Nov 2019 17:38
Operator : JU
Sample : K5748-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEHP5

Quant Time: Nov 20 07:01:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 06:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	347849	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	1424784	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	862835	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	1841563	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1918155	20.00	ng/ul	0.00
86) Perylene-d12	23.28	264	2321695	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	37711	4.47	ng/uL	0.00
5) Phenol-d5	6.71	99	178429	5.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	456547	25.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	490495	21.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	324086	12.81	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	280719	27.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	307234	28.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	572291	23.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	39339	1.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	1982392	29.46	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	2155613	28.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	47049	4.10	ng/ul	0.00
58) Fluorene-d10	15.17	176	1683433	28.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	271327	25.47	ng/ul	0.00
71) Anthracene-d10	17.03	188	2675344	30.62	ng/ul	0.00
79) Pyrene-d10	19.33	212	3138675	31.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	3874857	31.72	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.73	94	36101	1.105	ng/ul	96
45) Dimethylphthalate	13.65	163	109049	1.654	ng/ul	99
50) Acenaphthene	14.24	153	625107	11.395	ng/ul	98
59) Fluorene	15.23	166	511230	7.759	ng/ul	99
75) Carbazole	17.33	167	102945	1.211	ng/ul	99
77) Fluoranthene	18.99	202	117195	1.078	ng/ul#	93

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

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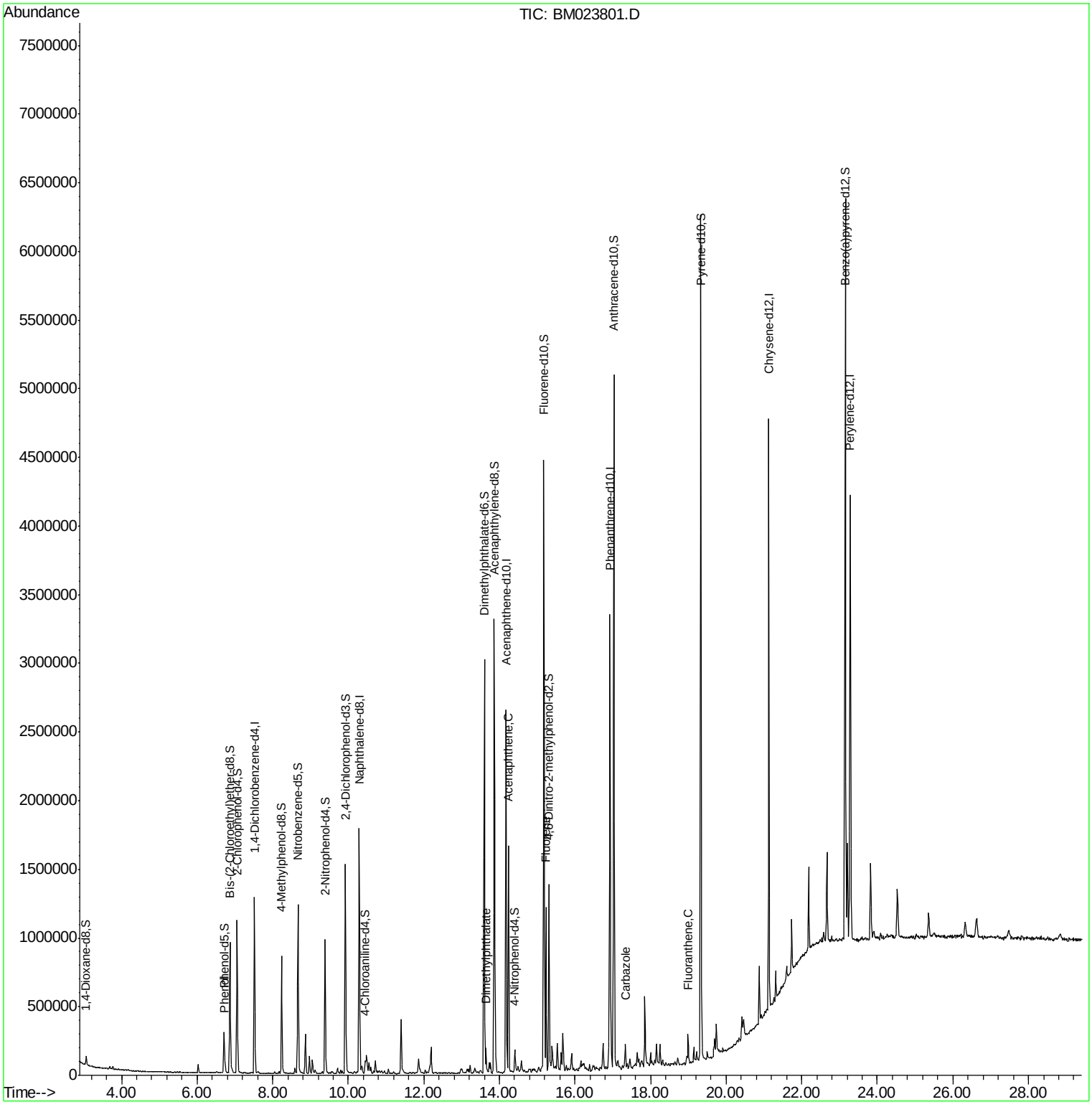
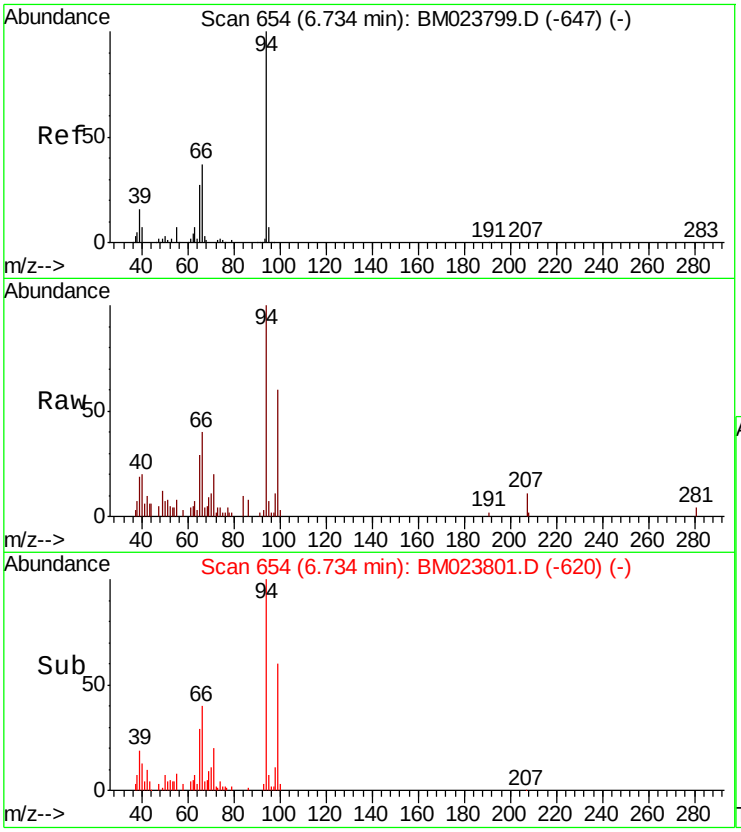


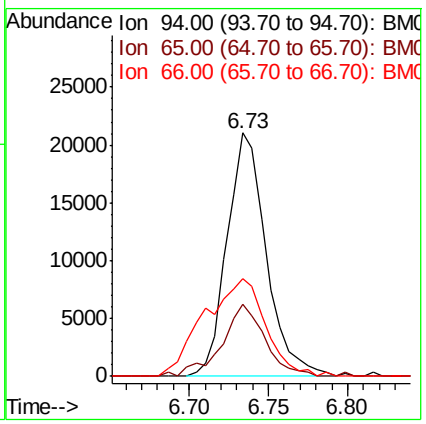


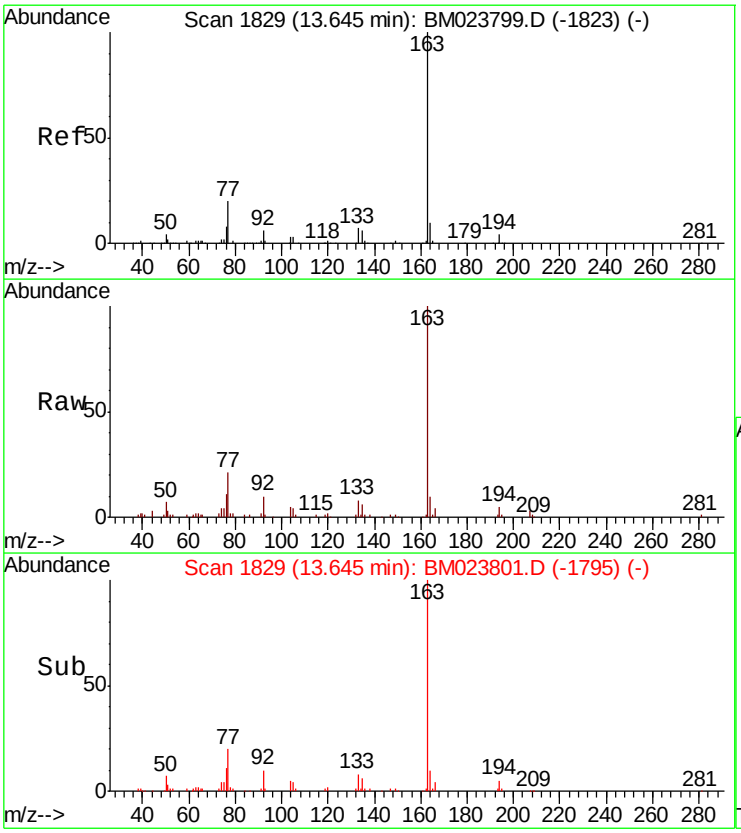
#6
Phenol
Concen: 1.105 ng/ul
RT: 6.73 min Scan# 654
Delta R.T. 0.00 min
Lab File: BM023801.D
Acq: 19 Nov 2019 17:38

Instrument :
BNA_M
ClientSampleId :
BEHP5

Tgt Ion: 94 Resp: 36101

Ion	Ratio	Lower	Upper
94	100		
65	29.4	21.4	32.2
66	40.3	30.7	46.1

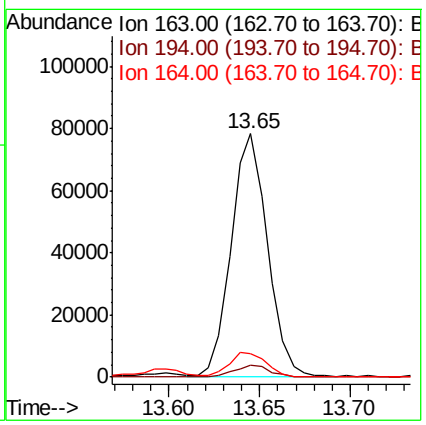


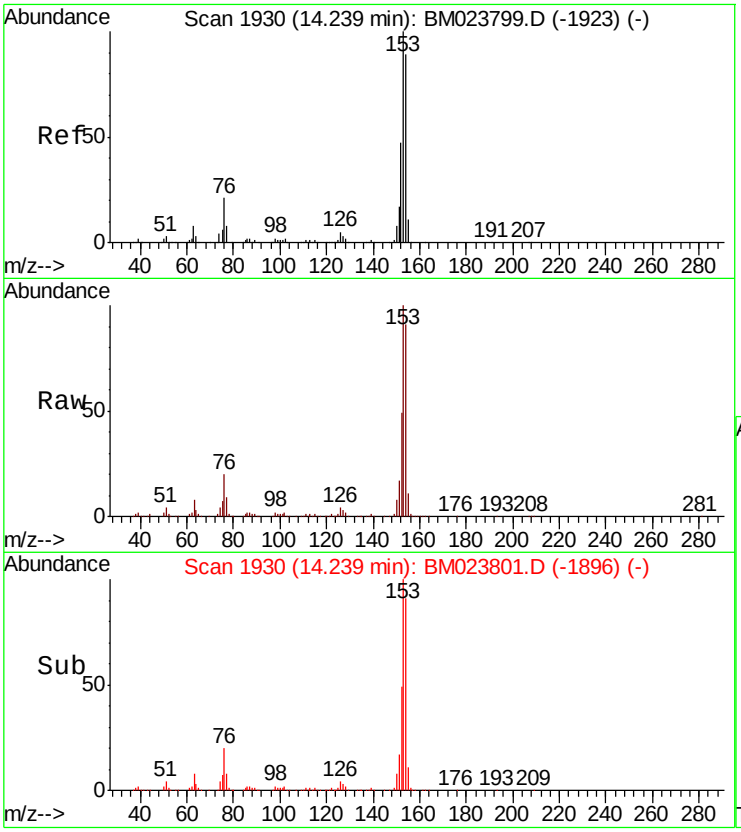


#45
Dimethylphthalate
Concen: 1.654 ng/ul
RT: 13.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BM023801.D
Acq: 19 Nov 2019 17:38

Tgt Ion:163 Resp: 109049

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.2
164	9.6	8.0	12.0



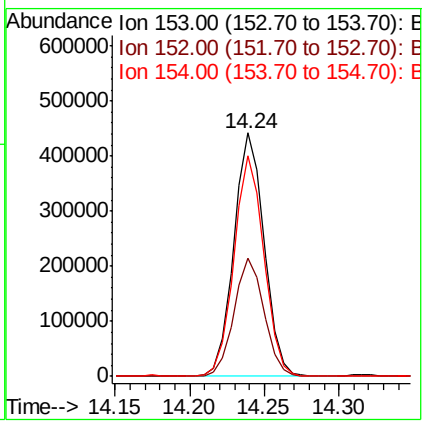


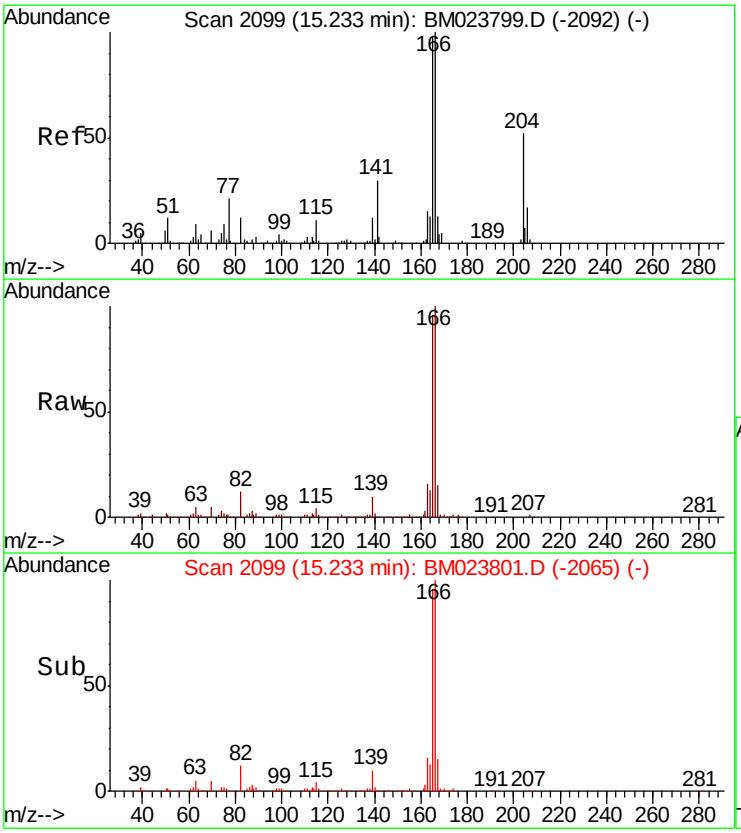
#50
Acenaphthene
Concen: 11.395 ng/ul
RT: 14.24 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BM023801.D
Acq: 19 Nov 2019 17:38

Instrument :
BNA_M
ClientSampleId :
BEHP5

Tgt Ion:153 Resp: 625107

Ion	Ratio	Lower	Upper
153	100		
152	48.5	37.7	56.5
154	90.6	70.6	106.0

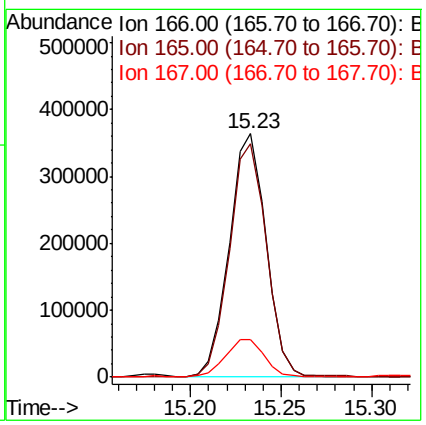


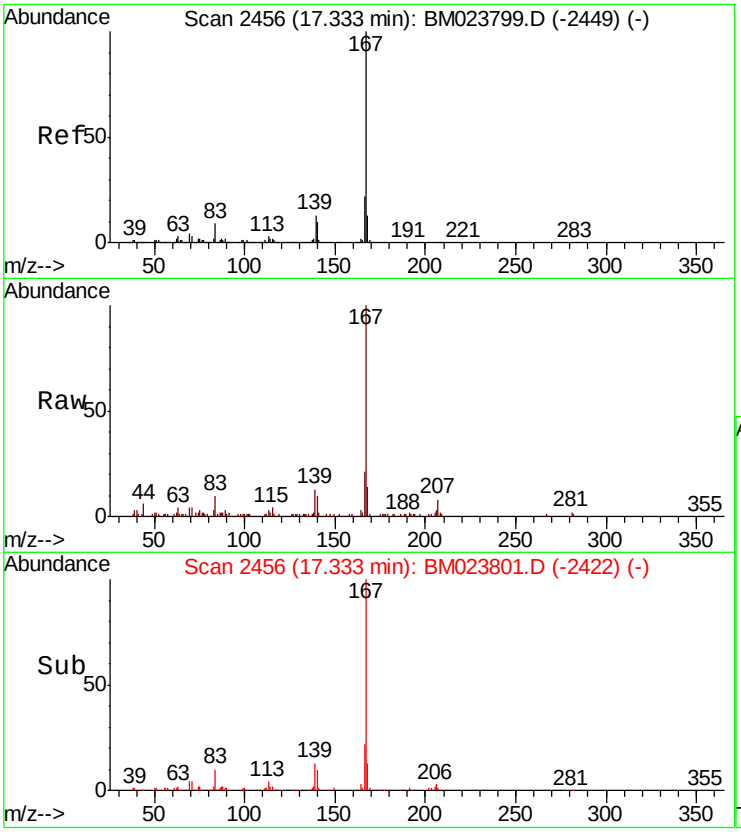


#59
Fluorene
Concen: 7.759 ng/ul
RT: 15.23 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BM023801.D
Acq: 19 Nov 2019 17:38

Tgt Ion:166 Resp: 511230

Ion	Ratio	Lower	Upper
166	100		
165	95.8	77.2	115.8
167	15.3	10.9	16.3



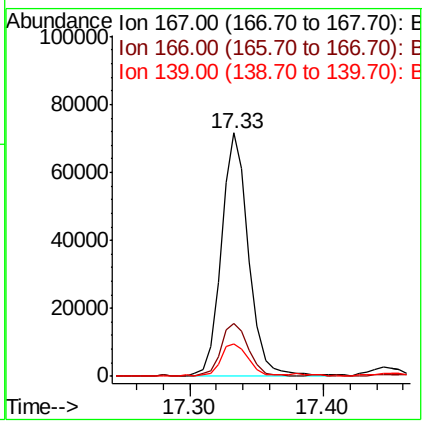


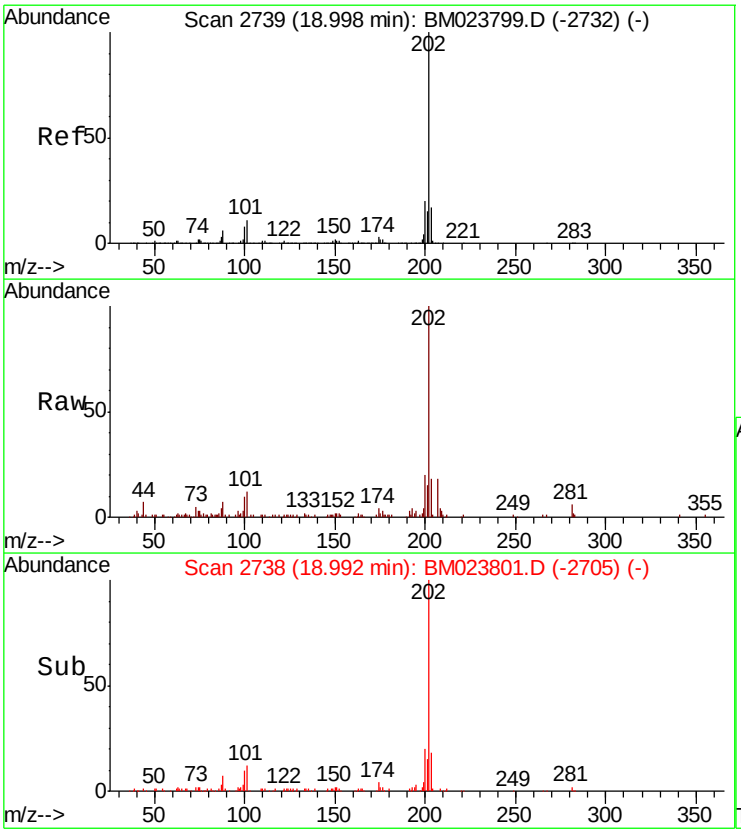
#75
Carbazole
Concen: 1.211 ng/ul
RT: 17.33 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BM023801.D
Acq: 19 Nov 2019 17:38

Instrument :
BNA_M
ClientSampleId :
BEHP5

Tgt Ion:167 Resp: 102945

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	13.3	9.8	14.6





#77
Fluoranthene
Concen: 1.078 ng/ul
RT: 18.99 min Scan# 2738
Delta R.T. -0.01 min
Lab File: BM023801.D
Acq: 19 Nov 2019 17:38

Tgt Ion:202 Resp: 117195

Ion	Ratio	Lower	Upper
202	100		
101	12.2	7.7	11.5#
100	9.6	6.0	9.0#