Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023746.D
Acq On : 15 Nov 2019 09:36
Operator : JU
Sample : K5700-01DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGX1DL

Quant Time: Nov 15 15:10:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 07:53:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	347041	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1407979	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	890306	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	1913835	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1905047	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2244764	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.73	99	14619	0.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	42949	2.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	43867	1.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	26783	1.06	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	24928	2.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	24855	2.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	47202	1.95	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.60	166	196493	2.83	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	195351	2.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	2080	0.18	ng/ul	0.03
58) Fluorene-d10	15.19	176	173599	2.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	12326	1.11	ng/ul	0.00
71) Anthracene-d10	17.03	188	271846	2.99	ng/ul	0.00
79) Pyrene-d10	19.34	212	308348	3.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	352006	2.98	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.35	128	3360156	45.405	ng/ul	99
50) Acenaphthene	14.25	153	427965	7.560	ng/ul	97
54) Dibenzofuran	14.59	168	214139	2.555	ng/ul	99
59) Fluorene	15.24	166	315181	4.636	ng/ul	99
70) Phenanthrene	16.97	178	195703	1.856	ng/ul	99
75) Carbazole	17.34	167	400188	4.529	ng/ul	99

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

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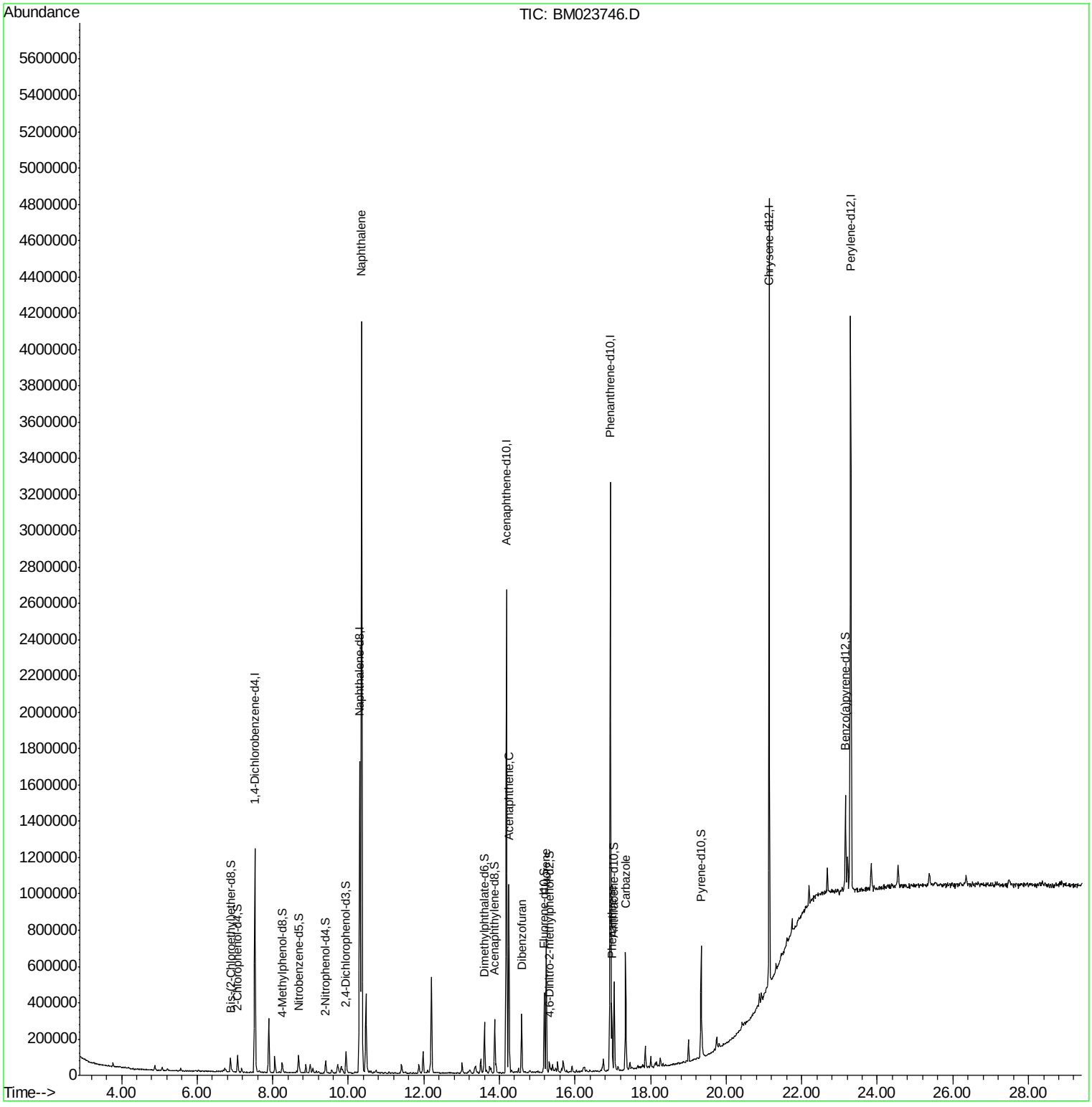
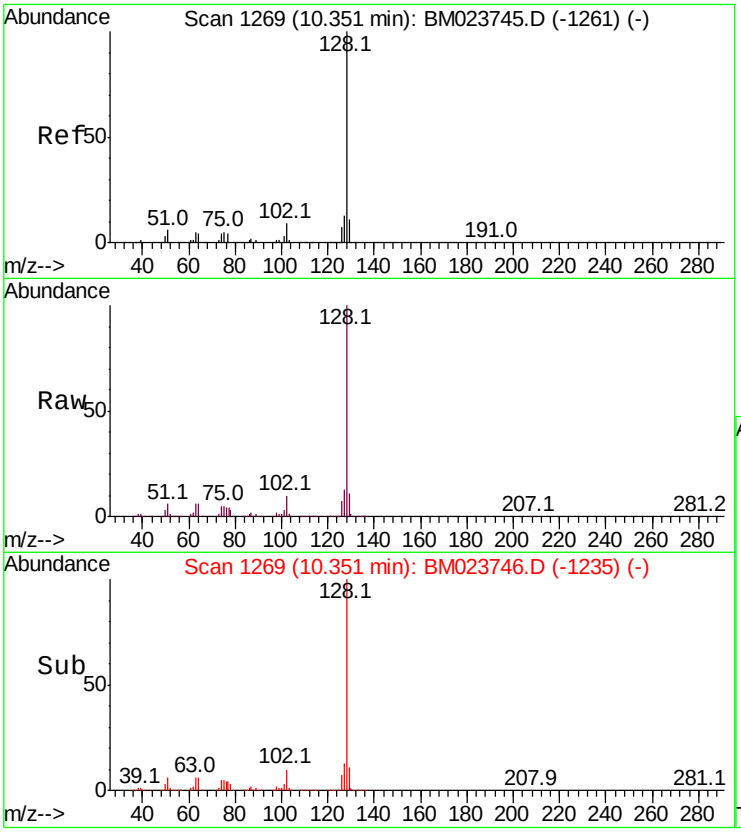


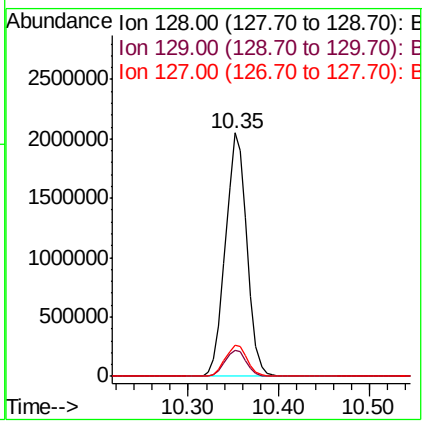


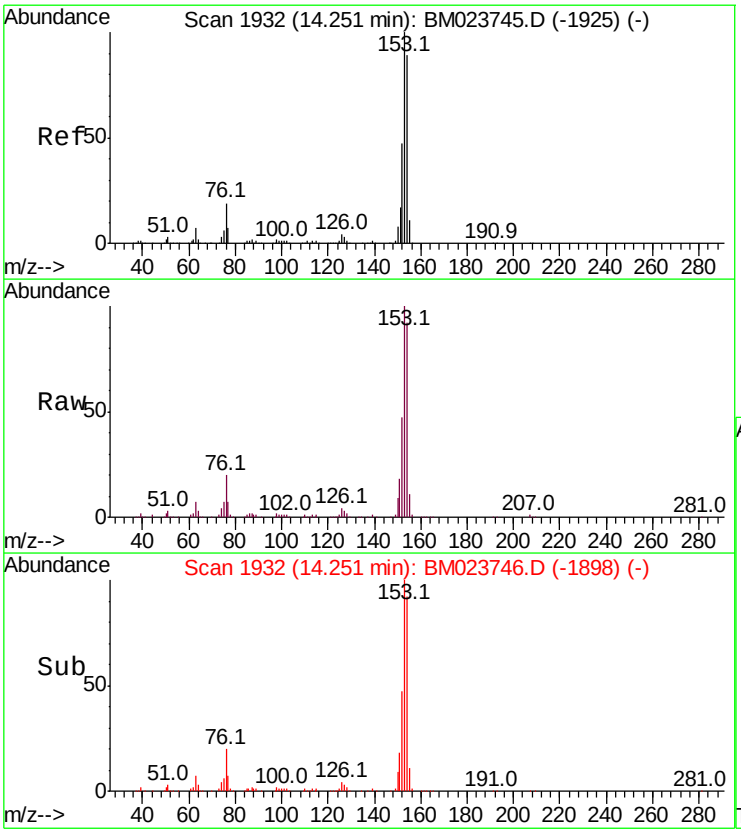
#28
Naphthalene
Concen: 45.405 ng/ul
RT: 10.35 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BM023746.D
Acq: 15 Nov 2019 09:36

Instrument :
BNA_M
ClientSampleId :
BEGX1DL

Tgt Ion:128 Resp: 3360156

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.0	10.6	16.0

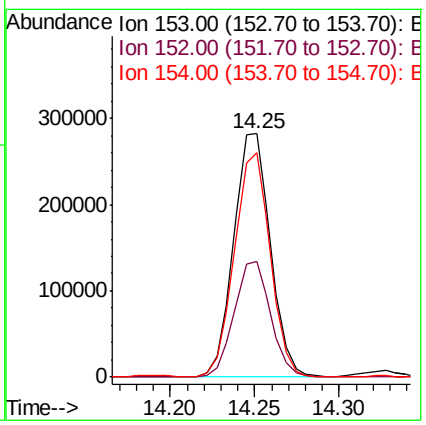


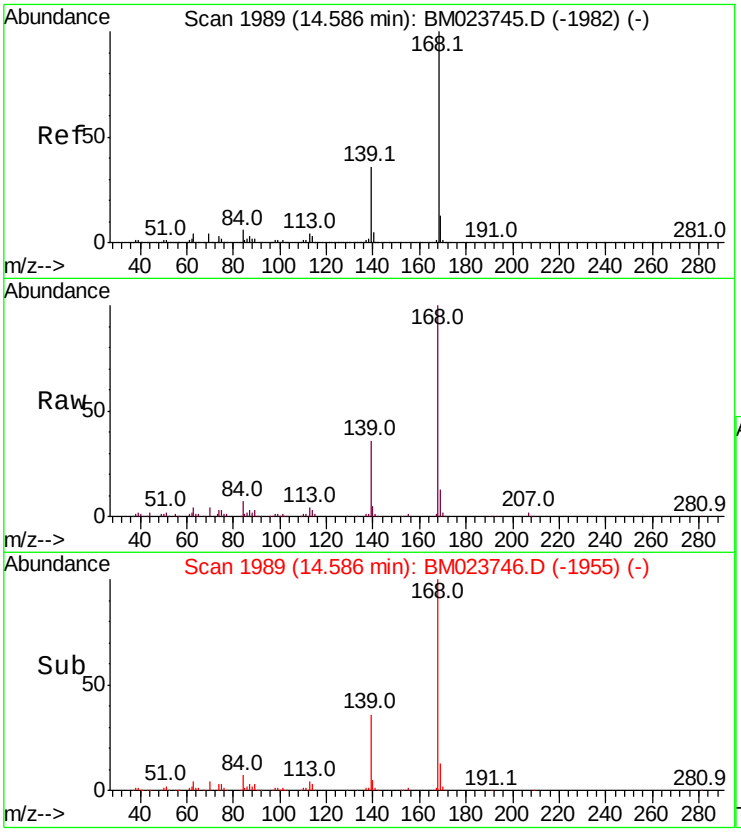


#50
Acenaphthene
Concen: 7.560 ng/ul
RT: 14.25 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BM023746.D
Acq: 15 Nov 2019 09:36

Tgt Ion:153 Resp: 427965

Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.7	56.5
154	92.0	70.6	106.0



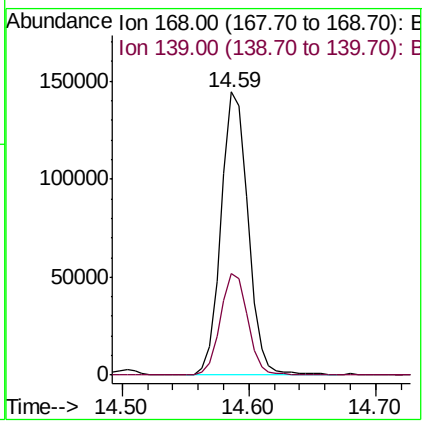


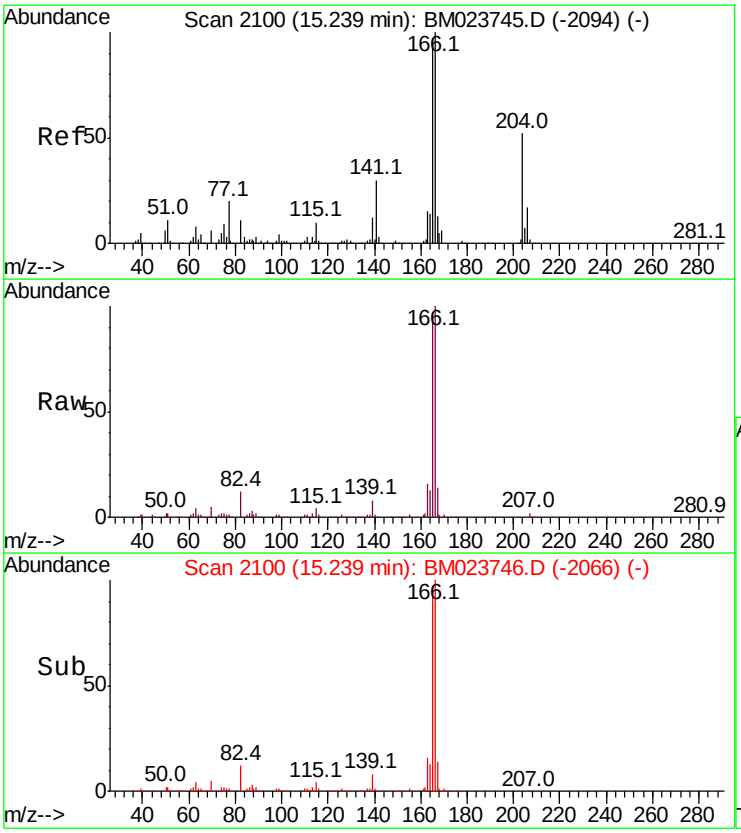
#54
Dibenzofuran
Concen: 2.555 ng/ul
RT: 14.59 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BM023746.D
Acq: 15 Nov 2019 09:36

Instrument :
BNA_M
ClientSampleId :
BEGX1DL

Tgt Ion:168 Resp: 214139

Ion	Ratio	Lower	Upper
168	100		
139	36.0	29.3	43.9

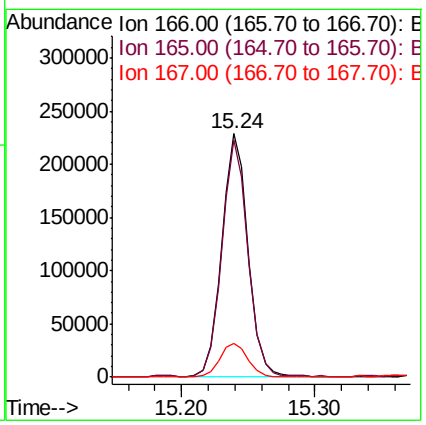


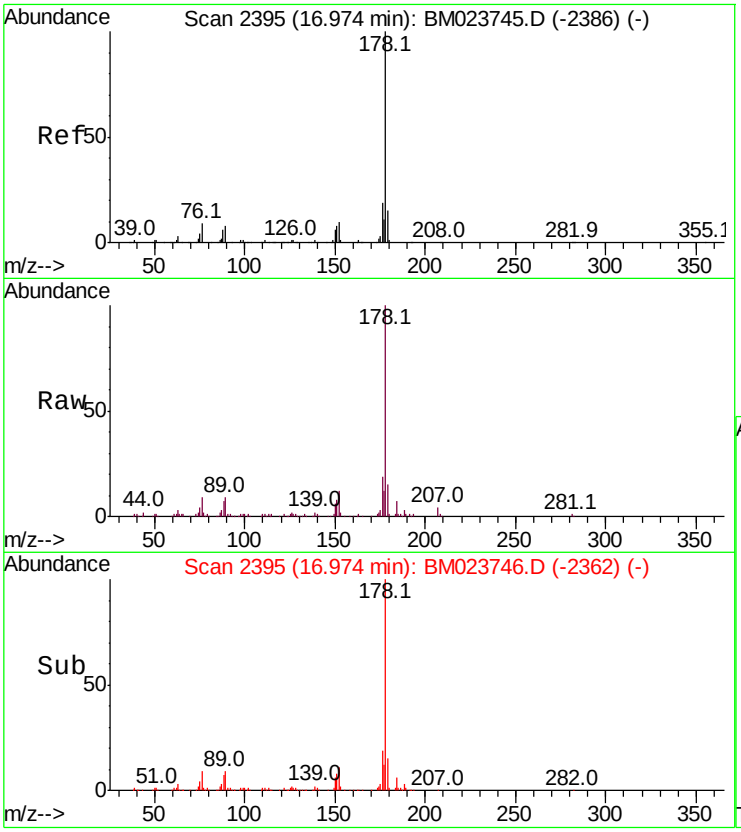


#59
Fluorene
Concen: 4.636 ng/ul
RT: 15.24 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BM023746.D
Acq: 15 Nov 2019 09:36

Tgt Ion:166 Resp: 315181

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.2	115.8
167	13.8	10.9	16.3



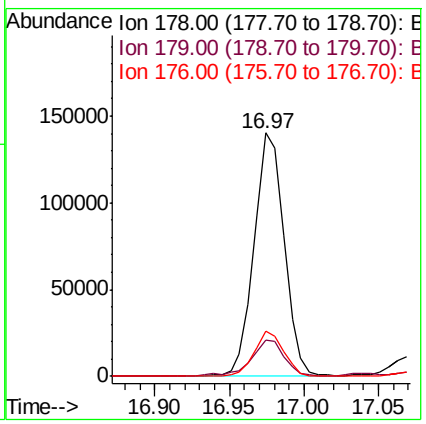


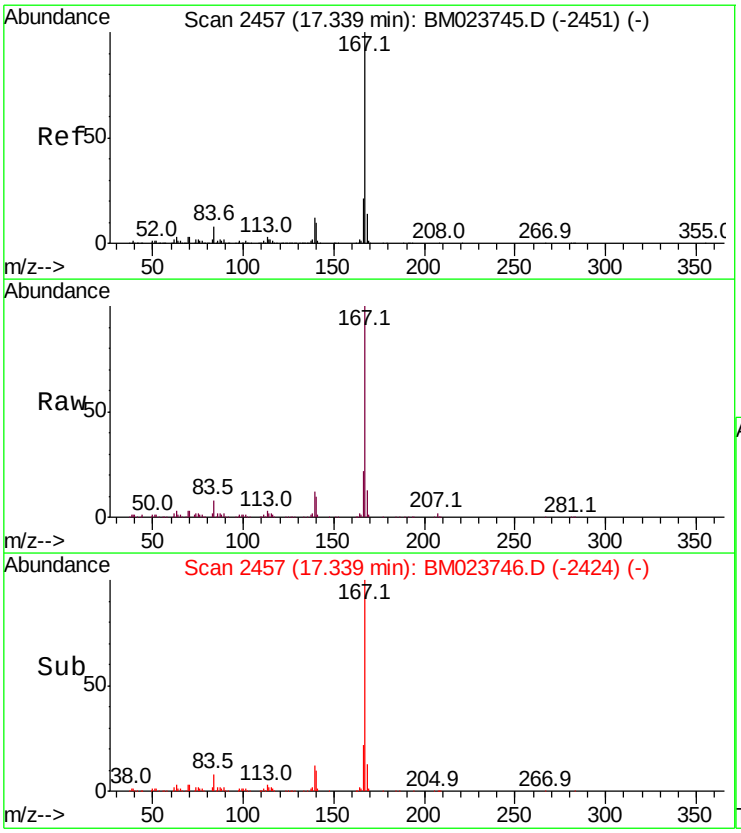
#70
Phenanthrene
Concen: 1.856 ng/ul
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM023746.D
Acq: 15 Nov 2019 09:36

Instrument :
BNA_M
ClientSampleId :
BEGX1DL

Tgt Ion:178 Resp: 195703

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	18.6	15.0	22.6





#75
Carbazole
Concen: 4.529 ng/ul
RT: 17.34 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BM023746.D
Acq: 15 Nov 2019 09:36

Tgt Ion:167 Resp: 400188

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	12.3	9.8	14.6