Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023752.D
Acq On : 15 Nov 2019 13:12
Operator : JU
Sample : K5700-10DL2 50X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY9DL2

Quant Time: Nov 15 16:57:52 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	7.52	152	448952	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1813670	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	1117377	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	2339083	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2339667	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2767660	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	2407	0.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	9497	0.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	8665	0.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	4321	0.13	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	4910	0.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	3721	0.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	8821	0.28	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.60	166	38985	0.45	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	36183	0.36	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.18	176	34938	0.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.03	188	60072	0.54	ng/ul	0.00
79) Pyrene-d10	19.33	212	59490	0.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	65071	0.45	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.35	128	1810483	18.992	ng/ul	100
41) 1,1'-Biphenyl	13.01	154	113226	1.314	ng/ul	97
50) Acenaphthene	14.25	153	235073	3.309	ng/ul	99
54) Dibenzofuran	14.59	168	306894	2.918	ng/ul	99
59) Fluorene	15.24	166	123197	1.444	ng/ul	99
70) Phenanthrene	16.97	178	159697	1.239	ng/ul	100
75) Carbazole	17.34	167	306076	2.834	ng/ul	99

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

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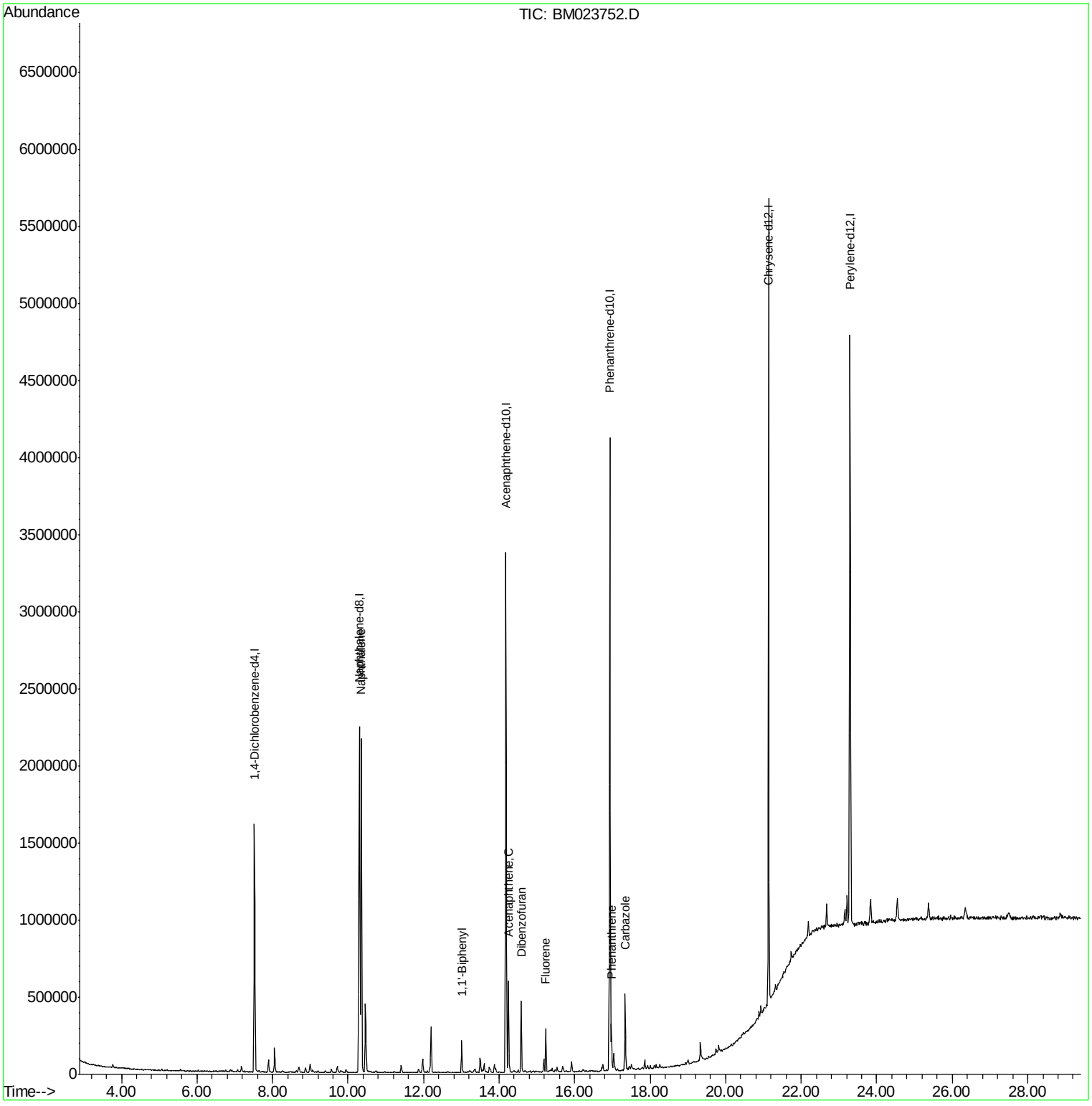
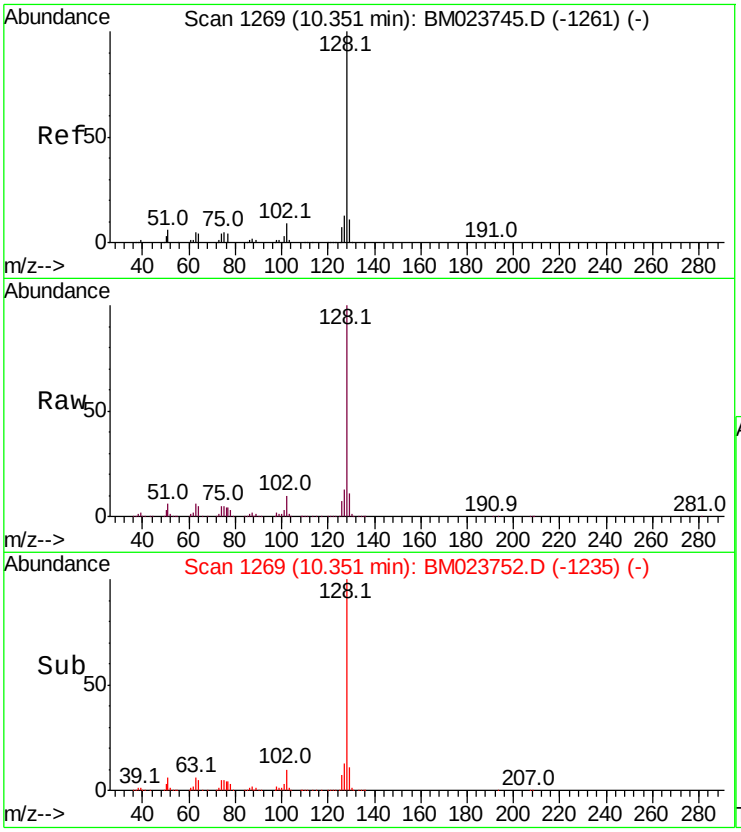


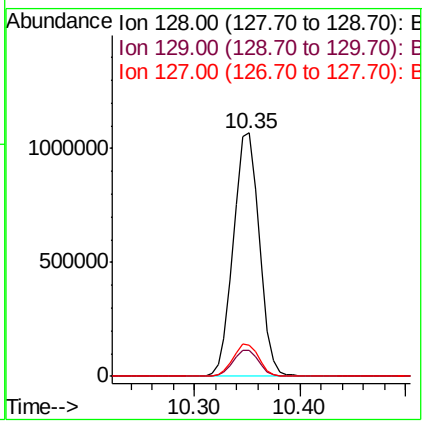


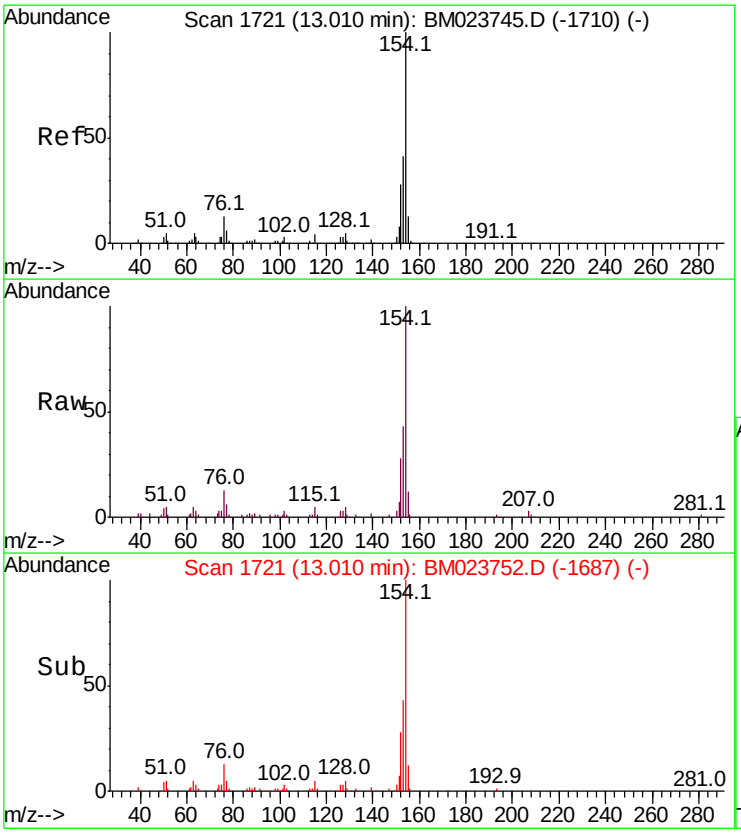
#28
Naphthalene
Concen: 18.992 ng/ul
RT: 10.35 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM023752.D
Acq: 15 Nov 2019 13:12

Instrument :
BNA_M
ClientSampleId :
BEGY9DL2

Tgt Ion:128 Resp: 1810483

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.0	10.6	16.0

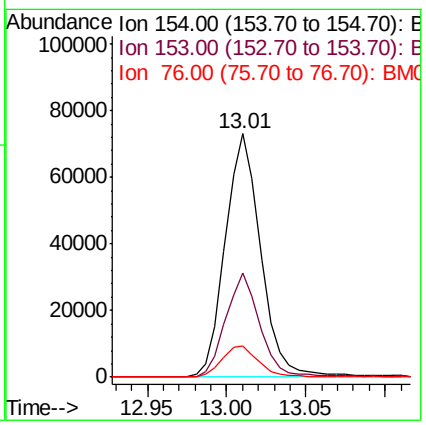


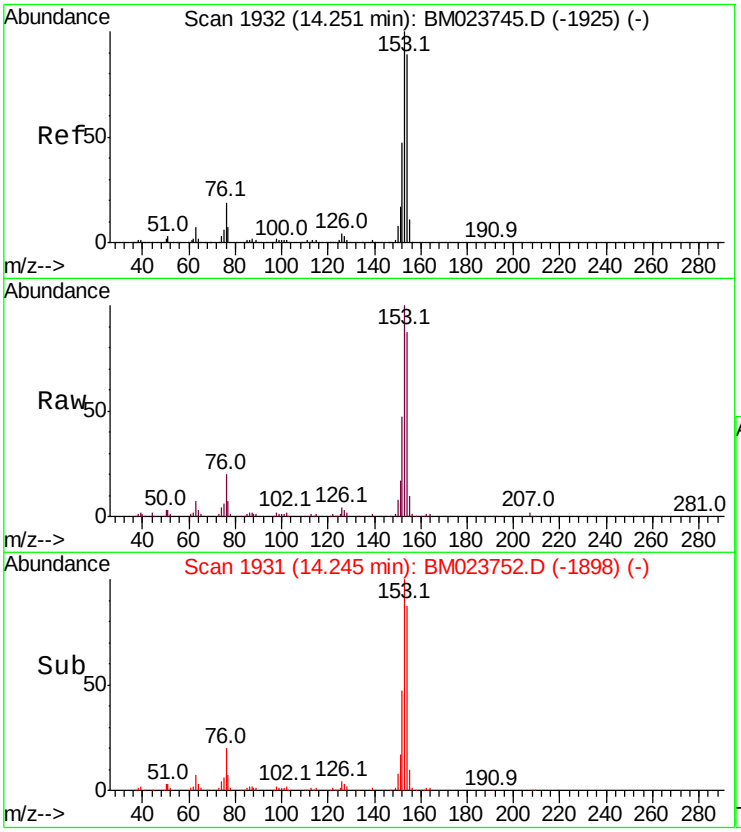


#41
1,1'-Biphenyl
Concen: 1.314 ng/ul
RT: 13.01 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BM023752.D
Acq: 15 Nov 2019 13:12

Tgt Ion:154 Resp: 113226

Ion	Ratio	Lower	Upper
154	100		
153	42.7	32.3	48.5
76	12.8	10.6	15.8



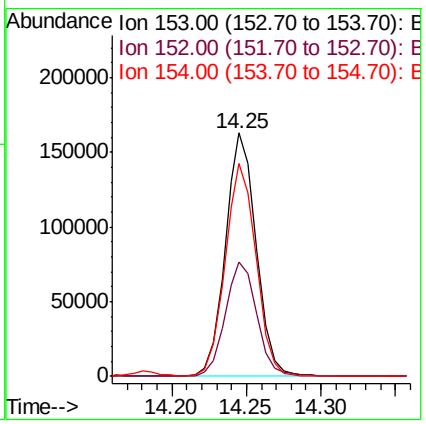


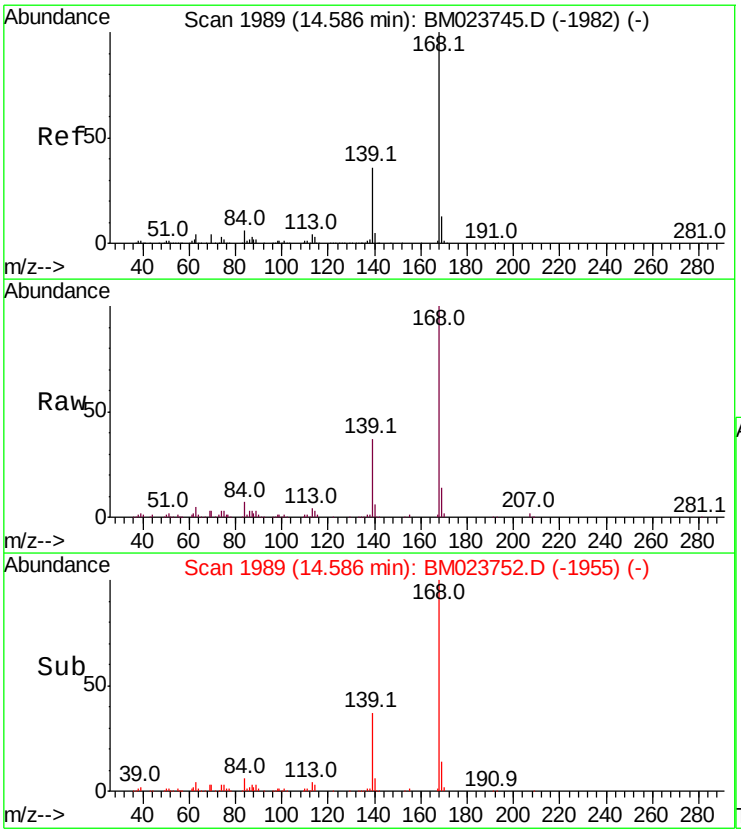
#50
Acenaphthene
Concen: 3.309 ng/ul
RT: 14.25 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM023752.D
Acq: 15 Nov 2019 13:12

Instrument :
BNA_M
ClientSampleId :
BEGY9DL2

Tgt Ion:153 Resp: 235073

Ion	Ratio	Lower	Upper
153	100		
152	46.9	37.7	56.5
154	87.2	70.6	106.0

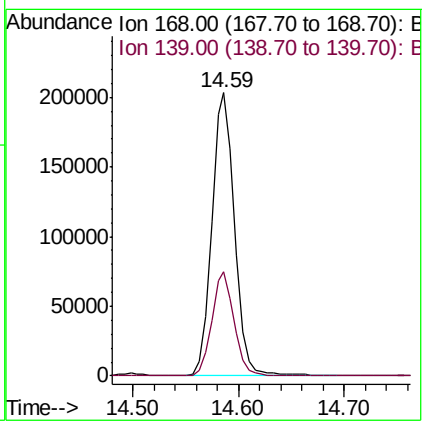


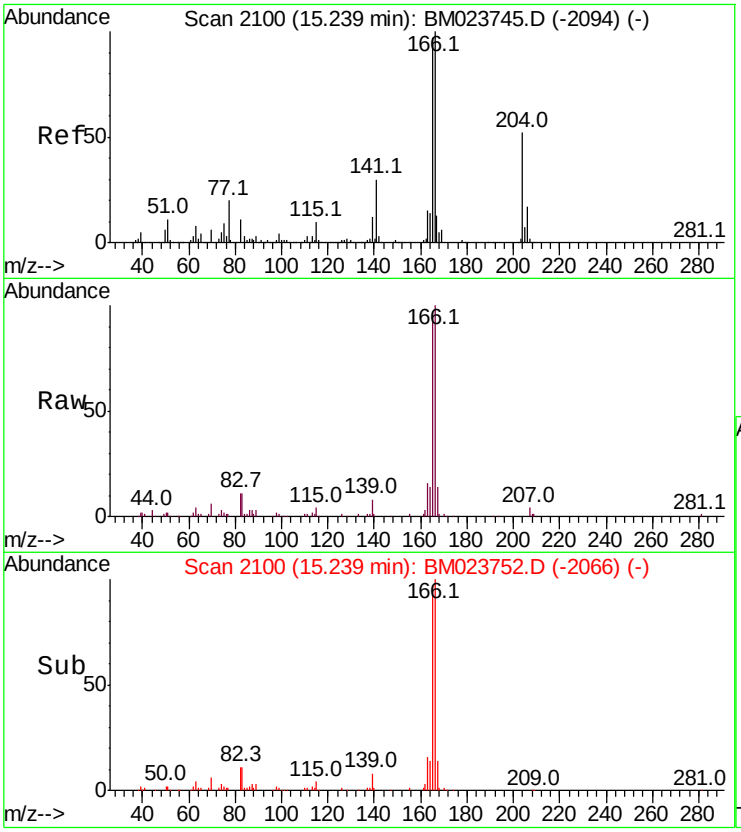


#54
Dibenzofuran
Concen: 2.918 ng/ul
RT: 14.59 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BM023752.D
Acq: 15 Nov 2019 13:12

Tgt Ion:168 Resp: 306894

Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.3	43.9



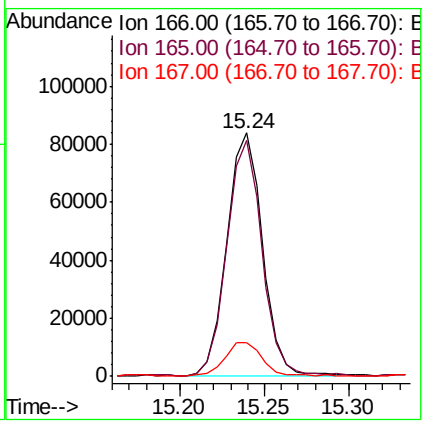


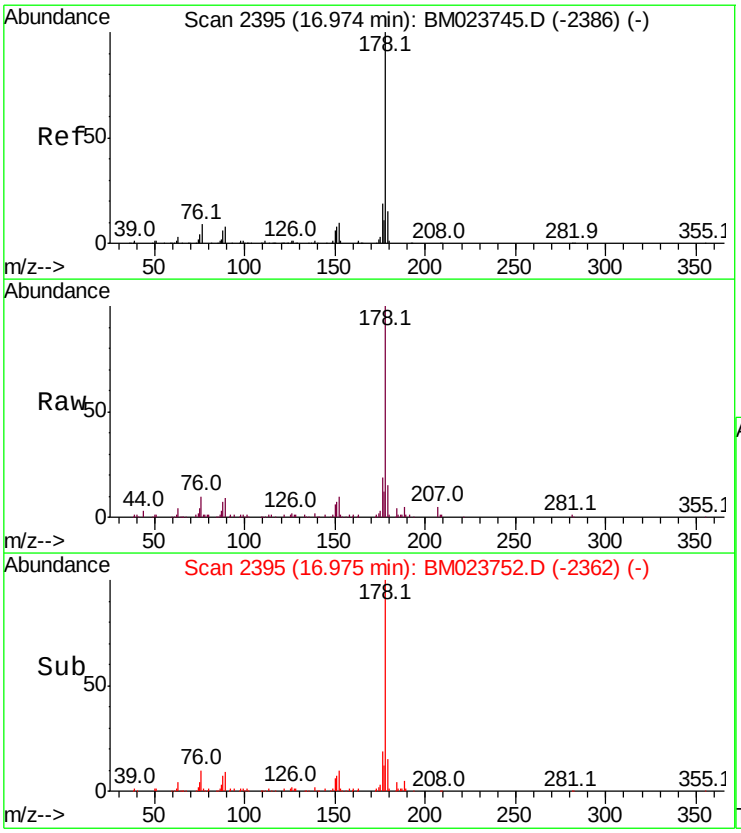
#59
Fluorene
Concen: 1.444 ng/ul
RT: 15.24 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BM023752.D
Acq: 15 Nov 2019 13:12

Instrument :
BNA_M
ClientSampleId :
BEGY9DL2

Tgt Ion:166 Resp: 123197

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.2	115.8
167	14.0	10.9	16.3

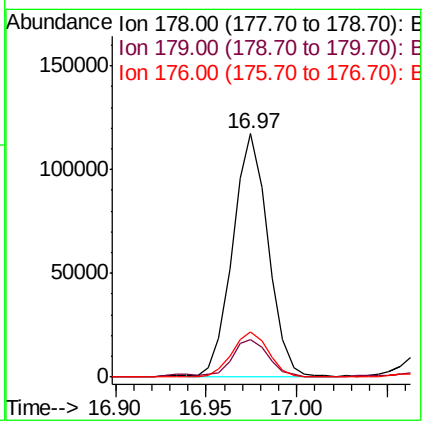


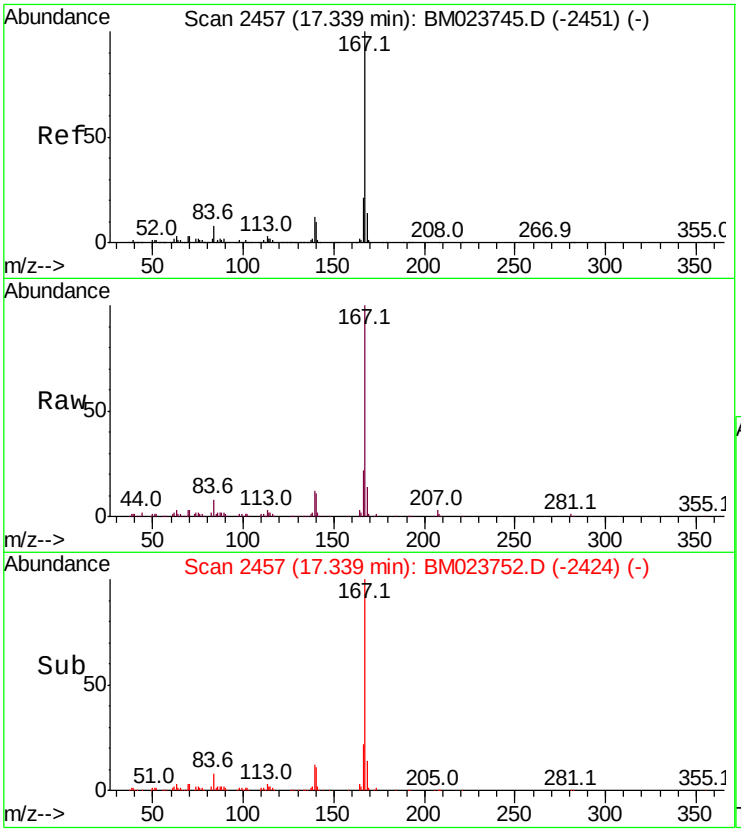


#70
Phenanthrene
Concen: 1.239 ng/ul
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM023752.D
Acq: 15 Nov 2019 13:12

Tgt Ion:178 Resp: 159697

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.7	15.0	22.6





#75
Carbazole
Concen: 2.834 ng/ul
RT: 17.34 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BM023752.D
Acq: 15 Nov 2019 13:12

Instrument :
BNA_M
ClientSampleId :
BEGY9DL2

Tgt Ion:167 Resp: 306076

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	12.4	9.8	14.6