Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021121\
Data File : BM028720.D
Acq On : 11 Feb 2021 21:38
Operator : CG/JU
Sample : M1375-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 11 23:47:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 11 16:46:31 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	28423	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	116282	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.54	164	66358	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.27	188	128189	20.00	ng/ul	0.00
78) Chrysene-d12	21.42	240	116462	20.00	ng/ul	0.00
86) Perylene-d12	23.66	264	113840	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	908	1.35	ng/uL	0.00
5) Phenol-d5	7.06	99	17483	7.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	40316	26.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	50395	23.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	31596	16.12	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	28327	28.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	31719	29.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	53342	26.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.84	131	69589	30.19	ng/ul	0.00
44) Dimethylphthalate-d6	13.95	166	168406	31.96	ng/ul	0.00
47) Acenaphthylene-d8	14.23	160	209857	31.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.76	143	5689	5.76	ng/ul	0.00
58) Fluorene-d10	15.53	176	143325	31.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.66	200	23781	26.96	ng/ul	0.00
71) Anthracene-d10	17.37	188	218090	33.05	ng/ul	0.00
79) Pyrene-d10	19.65	212	228033	33.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.51	264	225359	34.88	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.00	163	14568	2.727	ng/ul	99
46) 2,6-Dinitrotoluene	13.95	165	1336	1.223	ng/ul#	43
50) Acenaphthene	14.60	153	8086	1.689	ng/ul	98
59) Fluorene	15.59	166	8702	1.647	ng/ul	98
70) Phenanthrene	17.32	178	24992	3.157	ng/ul	99
72) Anthracene	17.32	178	24992	3.093	ng/ul	98

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

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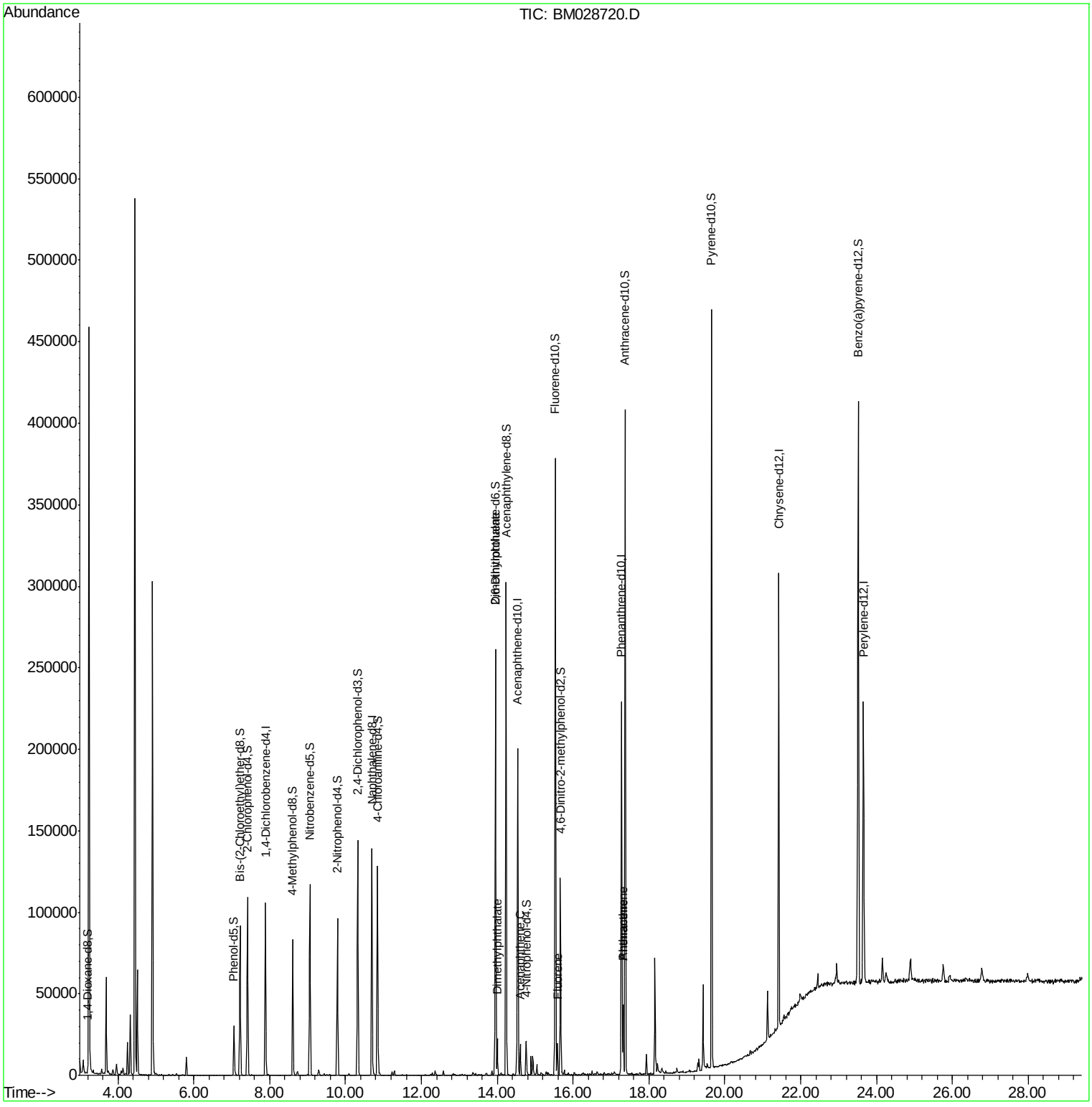
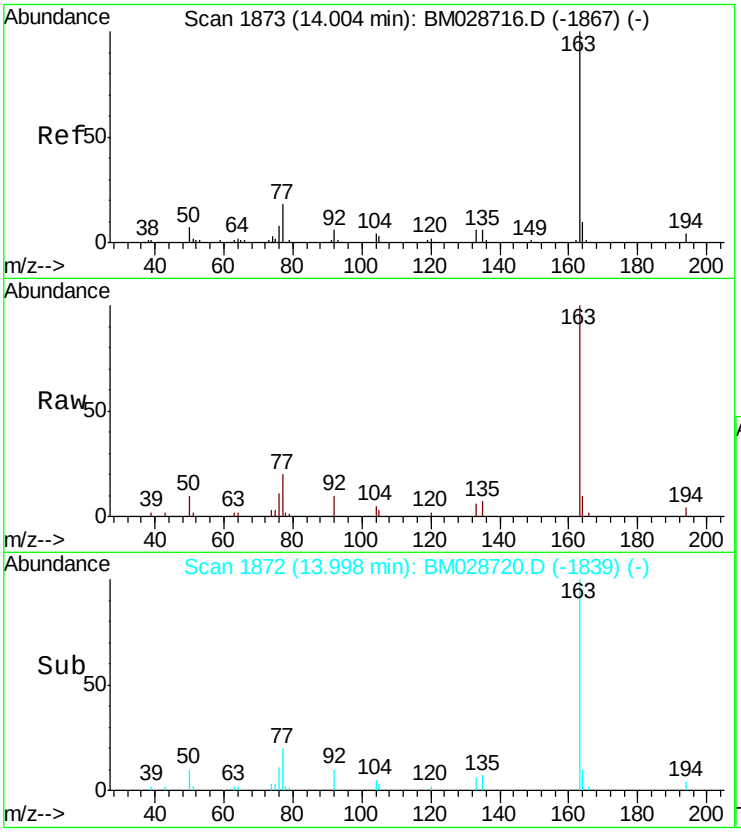


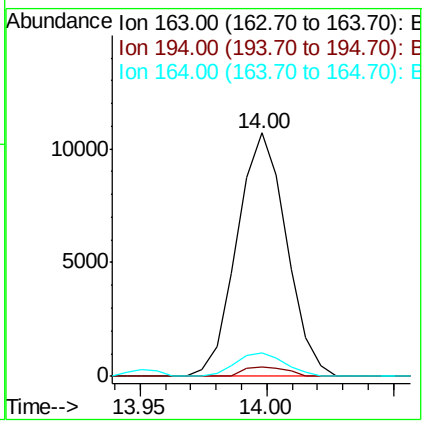


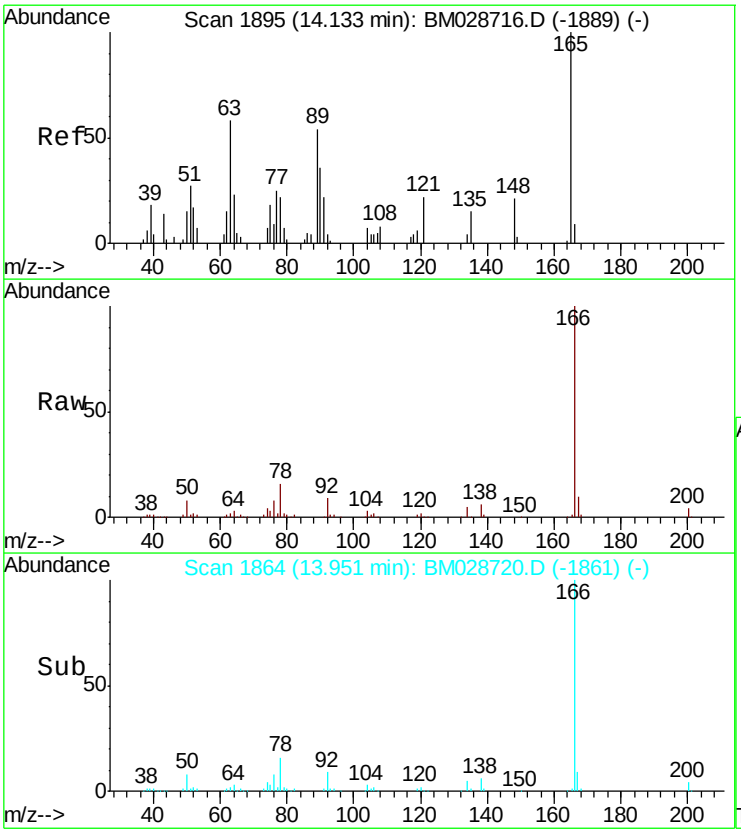
#45
Dimethylphthalate
Concen: 2.727 ng/ul
RT: 14.00 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BM028720.D
Acq: 11 Feb 2021 21:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 14568

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.9	8.2	12.2

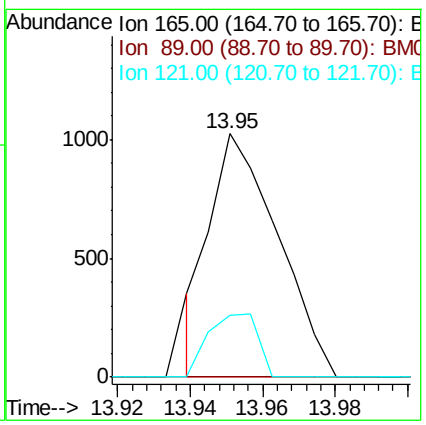


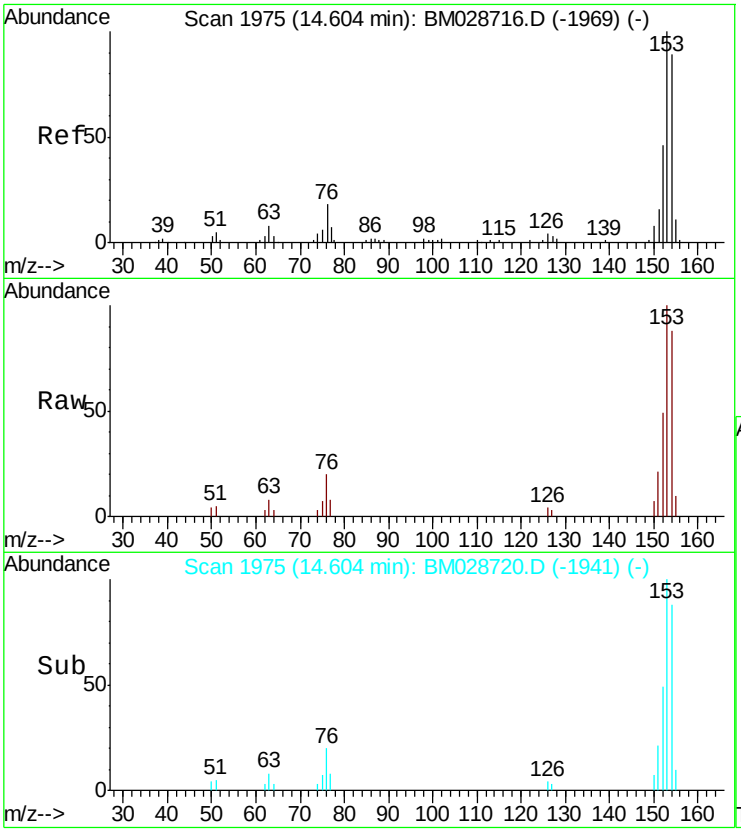


#46
2,6-Dinitrotoluene
Concen: 1.223 ng/ul
RT: 13.95 min Scan# 1864
Delta R.T. -0.18 min
Lab File: BM028720.D
Acq: 11 Feb 2021 21:38

Tgt Ion:165 Resp: 1336

Ion	Ratio	Lower	Upper
165	100		
89	0.0	43.9	65.9#
121	25.3	17.4	26.2



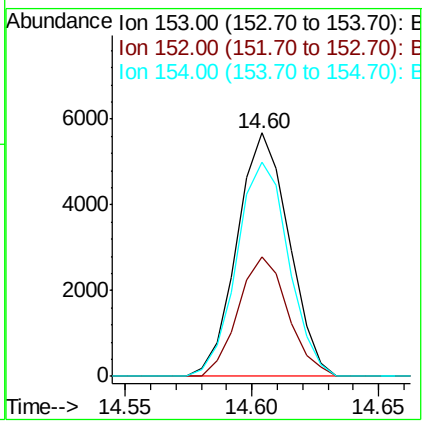


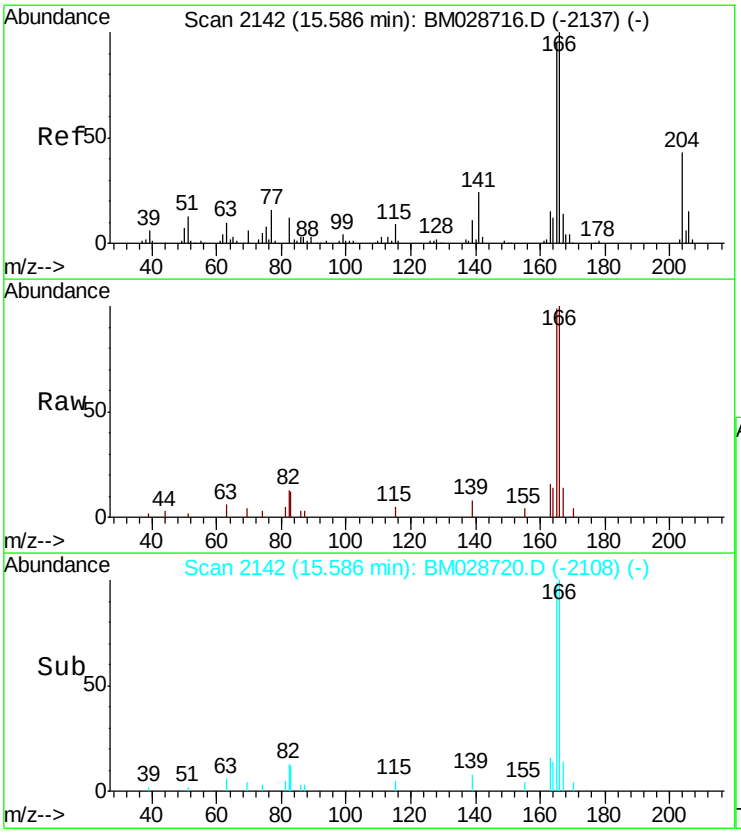
#50
Acenaphthene
Concen: 1.689 ng/ul
RT: 14.60 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BM028720.D
Acq: 11 Feb 2021 21:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 8086

Ion	Ratio	Lower	Upper
153	100		
152	49.1	37.0	55.6
154	87.8	70.4	105.6

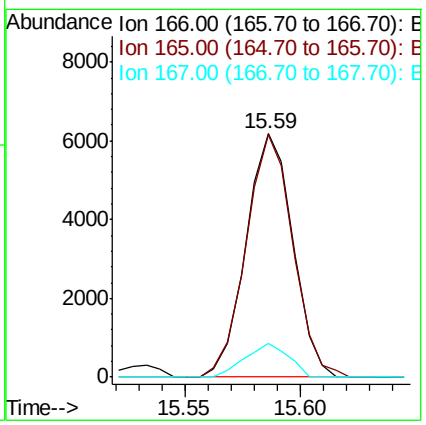


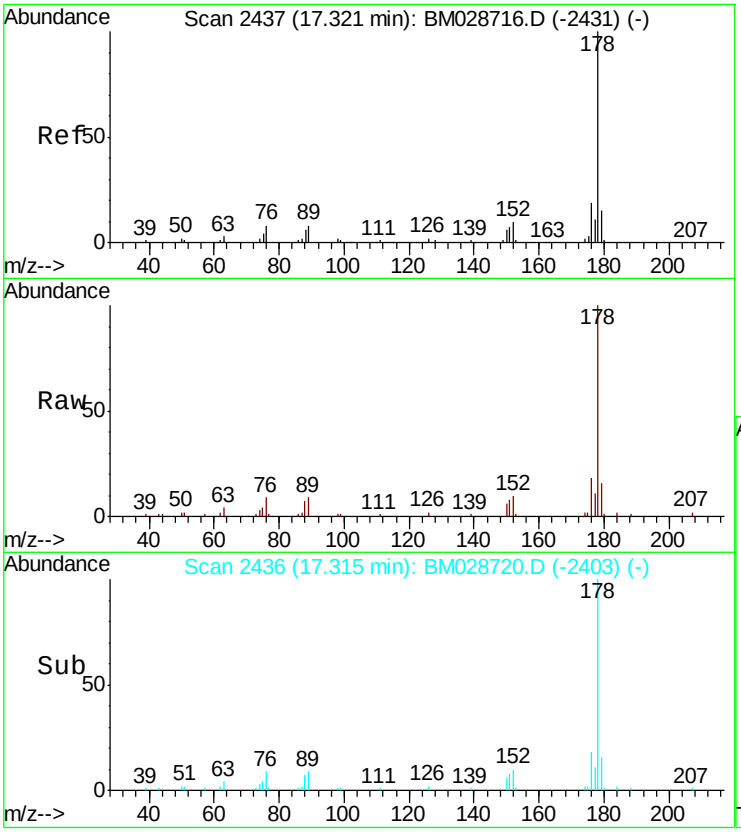


#59
Fluorene
Concen: 1.647 ng/ul
RT: 15.59 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BM028720.D
Acq: 11 Feb 2021 21:38

Tgt Ion:166 Resp: 8702

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.0	117.0
167	13.6	11.0	16.4



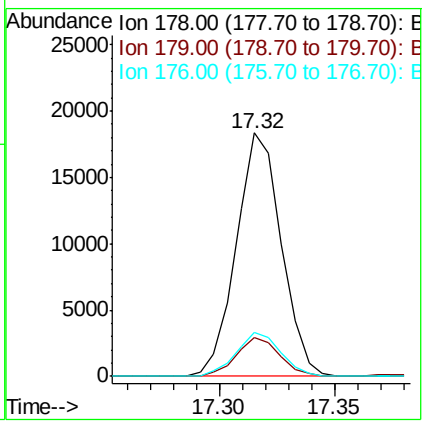


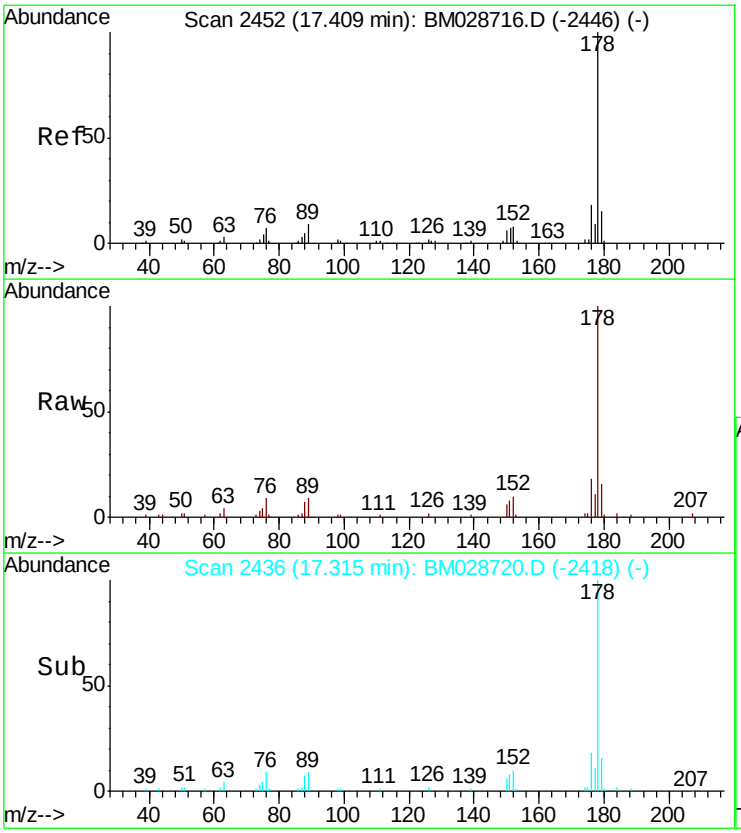
#70
Phenanthrene
Concen: 3.157 ng/ul
RT: 17.32 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BM028720.D
Acq: 11 Feb 2021 21:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 24992

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	17.9	14.6	22.0





#72
Anthracene
Concen: 3.093 ng/ul
RT: 17.32 min Scan# 2436
Delta R.T. -0.09 min
Lab File: BM028720.D
Acq: 11 Feb 2021 21:38

Tgt Ion:178 Resp: 24992

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.7	17.5
176	17.9	14.2	21.2