Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
Data File : BM028945.D
Acq On : 27 Feb 2021 07:29
Operator : CG/JU
Sample : M1498-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8G5

Quant Time: Feb 28 23:51:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 26 15:22:35 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	19009	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	76264	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	42809	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	80128	20.00	ng/ul	-0.01
78) Chrysene-d12	21.34	240	68560	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	67541	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	1956	4.63	ng/uL	0.00
5) Phenol-d5	6.96	99	8655	6.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	19736	25.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	26509	21.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	16585	15.01	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	14344	26.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	16484	26.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	28486	25.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	34728	26.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	85613	29.09	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	103909	26.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.69	143	2668	5.21	ng/ul	0.02
58) Fluorene-d10	15.43	176	69733	27.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	9398	19.67	ng/ul	0.00
71) Anthracene-d10	17.27	188	105863	29.06	ng/ul	0.00
79) Pyrene-d10	19.56	212	105932	31.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	100492	29.29	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	4123	9.690	ng/uL	96
6) Phenol	6.98	94	3512	2.463	ng/ul	94
45) Dimethylphthalate	13.90	163	5937	1.934	ng/ul	100
50) Acenaphthene	14.50	153	21087	7.776	ng/ul	99
54) Dibenzofuran	14.83	168	12014	3.200	ng/ul	94
59) Fluorene	15.49	166	11389	3.699	ng/ul	99
70) Phenanthrene	17.22	178	5138	1.170	ng/ul	98

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

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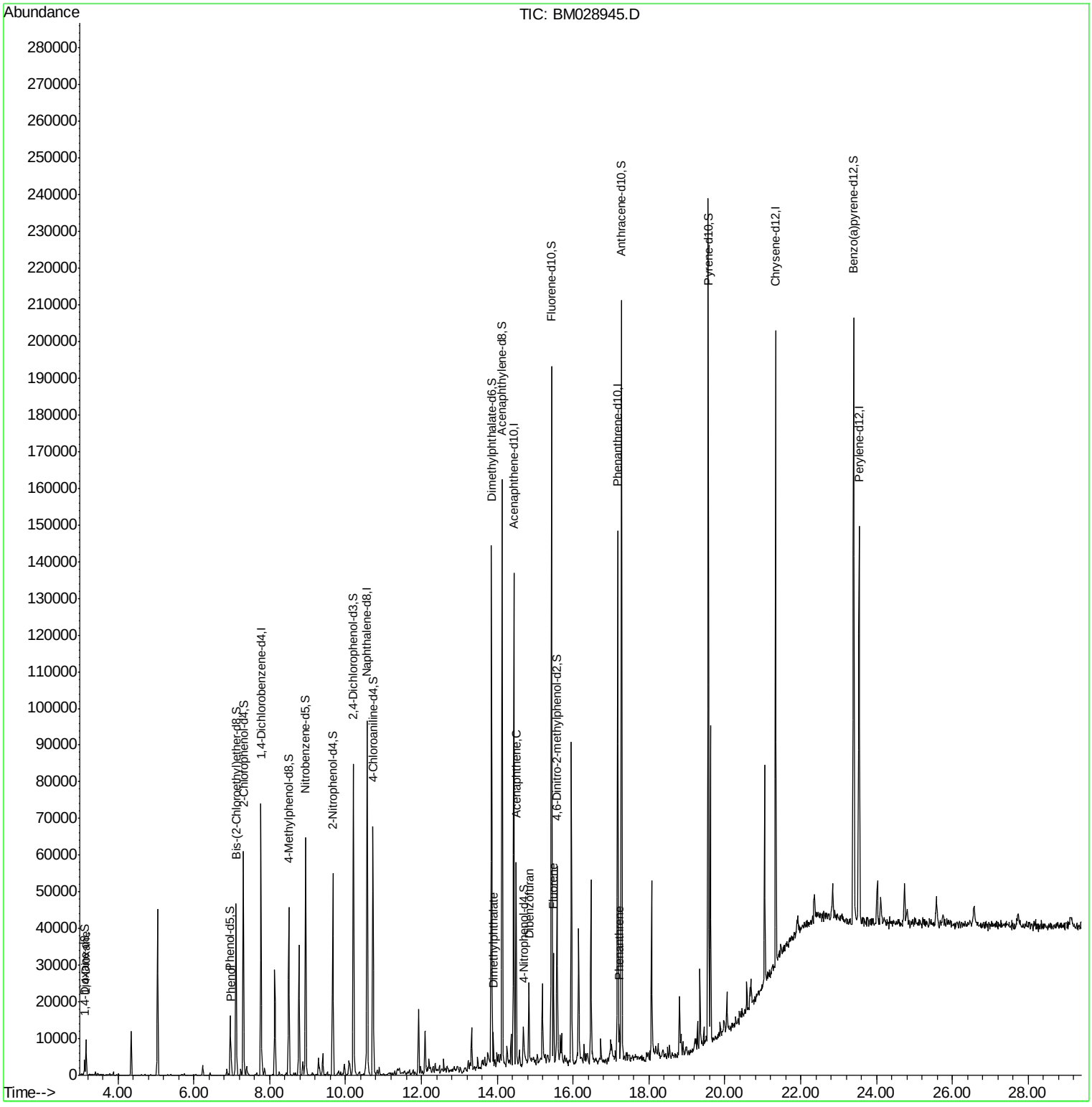
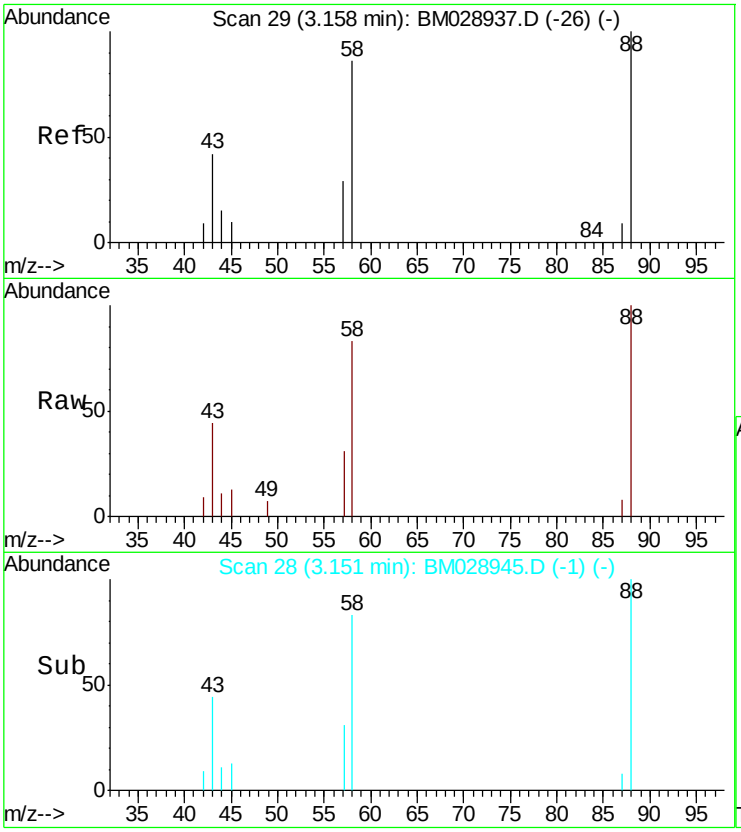


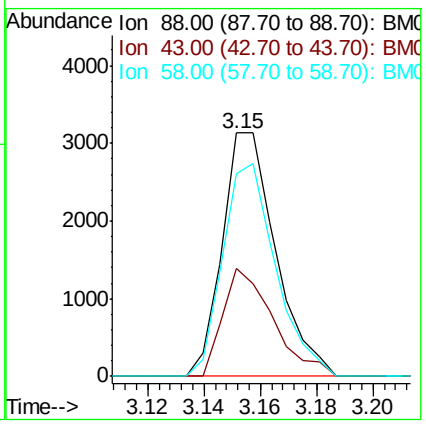


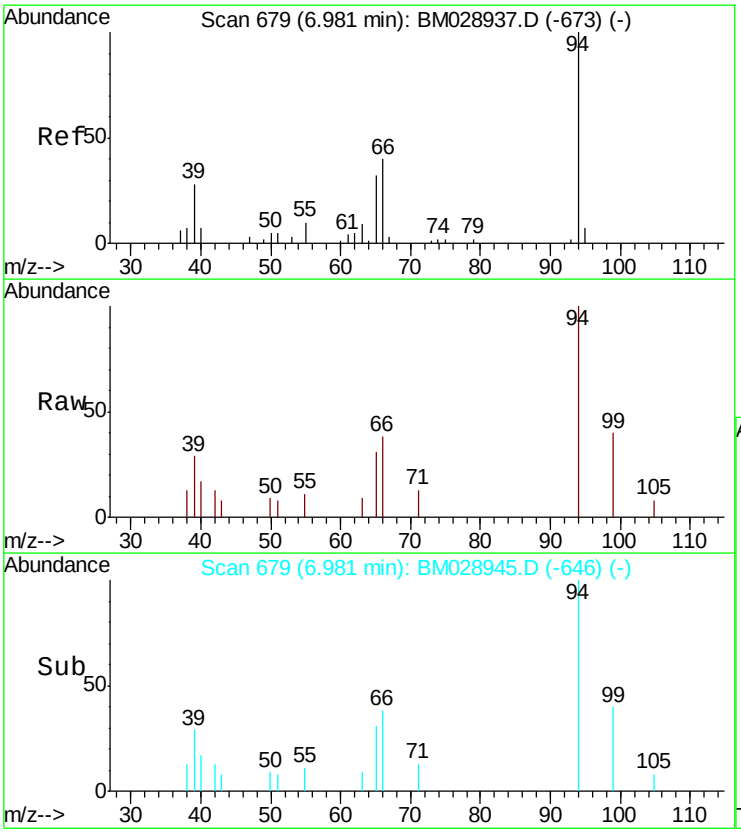
#2
1,4-Dioxane
Concen: 9.690 ng/uL
RT: 3.15 min Scan# 28
Delta R.T. -0.01 min
Lab File: BM028945.D
Acq: 27 Feb 2021 07:29

Instrument :
BNA_M
ClientSampleId :
CB8G5

Tgt Ion: 88 Resp: 4123

Ion	Ratio	Lower	Upper
88	100		
43	44.4	31.5	47.3
58	83.3	64.9	97.3

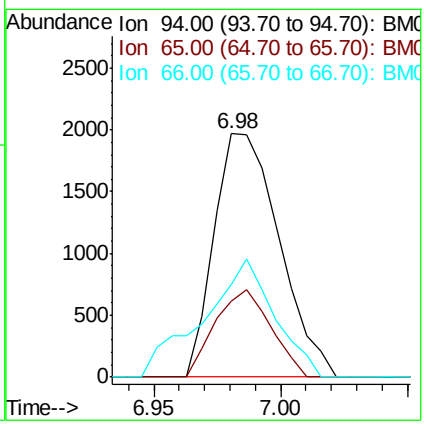


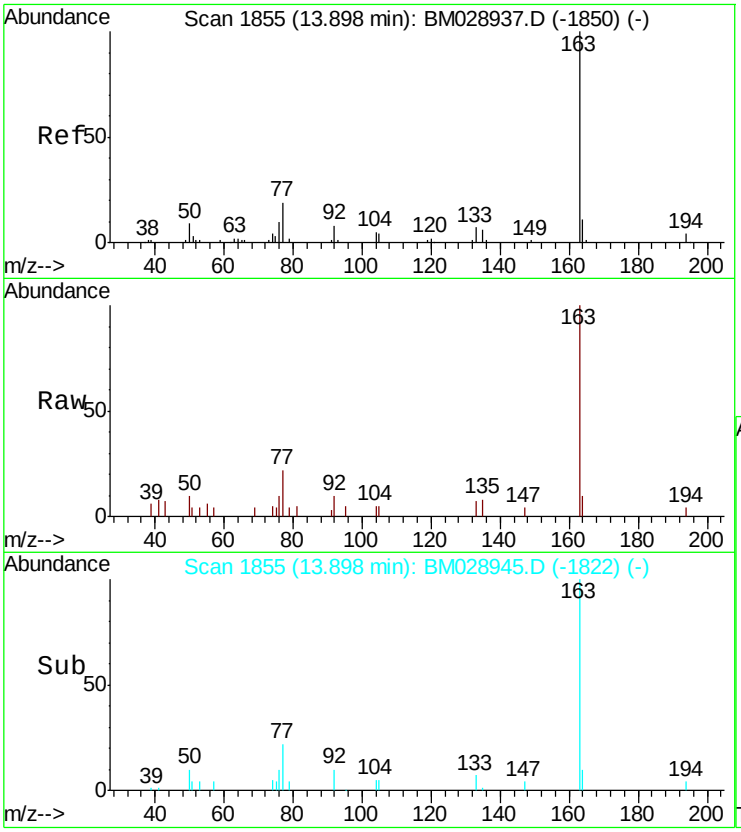


#6
Phenol
Concen: 2.463 ng/ul
RT: 6.98 min Scan# 679
Delta R.T. -0.01 min
Lab File: BM028945.D
Acq: 27 Feb 2021 07:29

Tgt Ion: 94 Resp: 3512

Ion	Ratio	Lower	Upper
94	100		
65	31.4	27.1	40.7
66	38.2	34.6	51.8



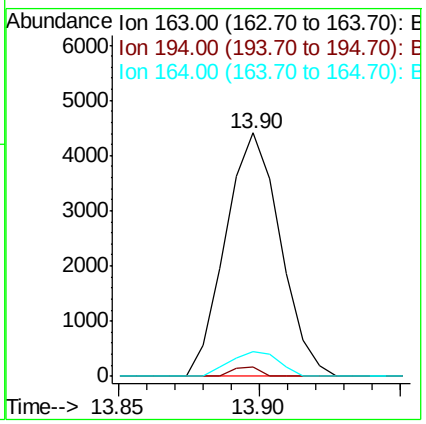


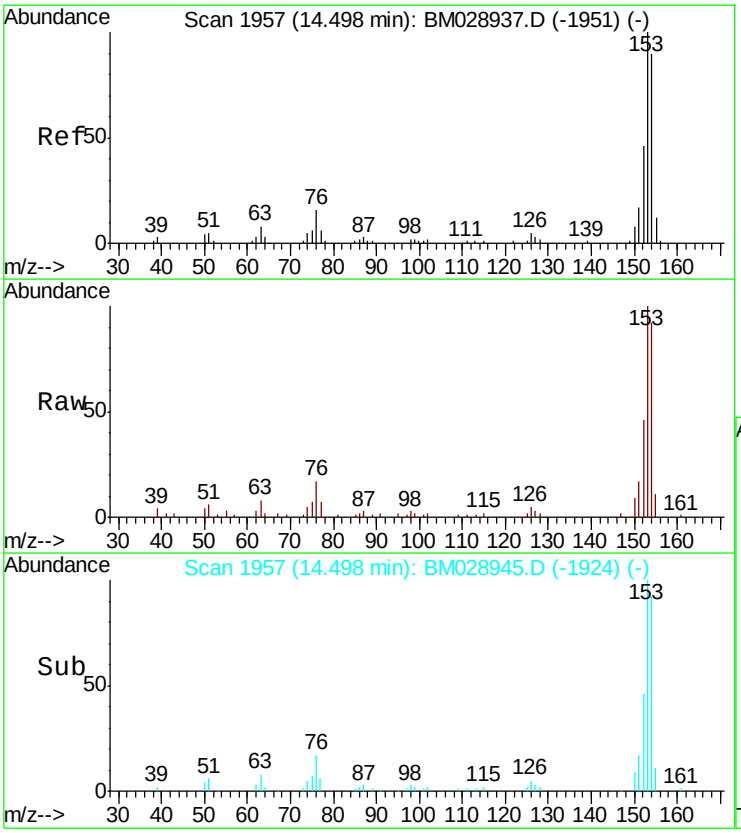
#45
Dimethylphthalate
Concen: 1.934 ng/ul
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM028945.D
Acq: 27 Feb 2021 07:29

Instrument :
BNA_M
ClientSampleId :
CB8G5

Tgt Ion:163 Resp: 5937

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.3	8.2	12.2

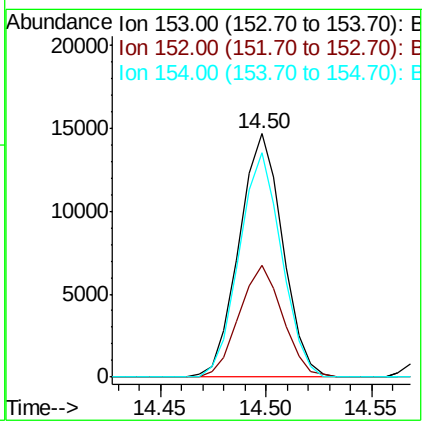


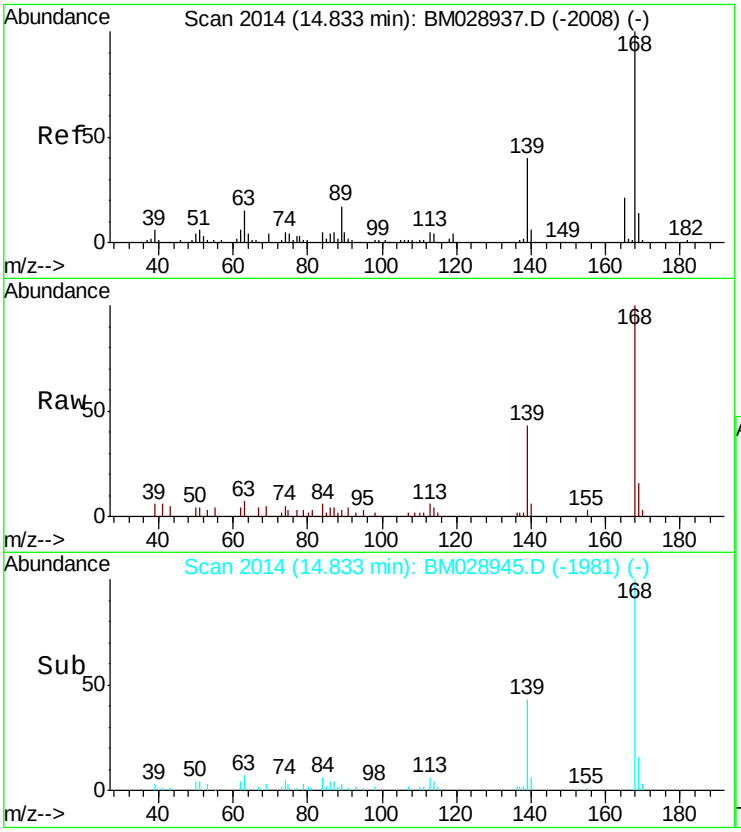


#50
Acenaphthene
Concen: 7.776 ng/ul
RT: 14.50 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BM028945.D
Acq: 27 Feb 2021 07:29

Tgt Ion:153 Resp: 21087

Ion	Ratio	Lower	Upper
153	100		
152	46.0	37.6	56.4
154	92.2	73.6	110.4



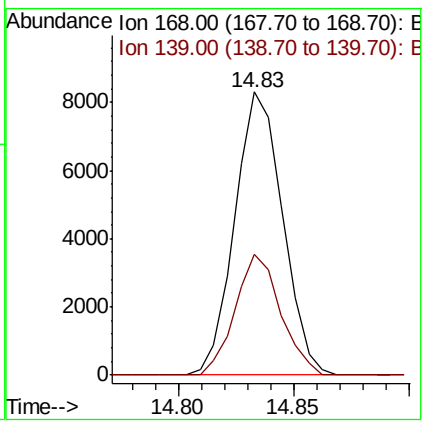


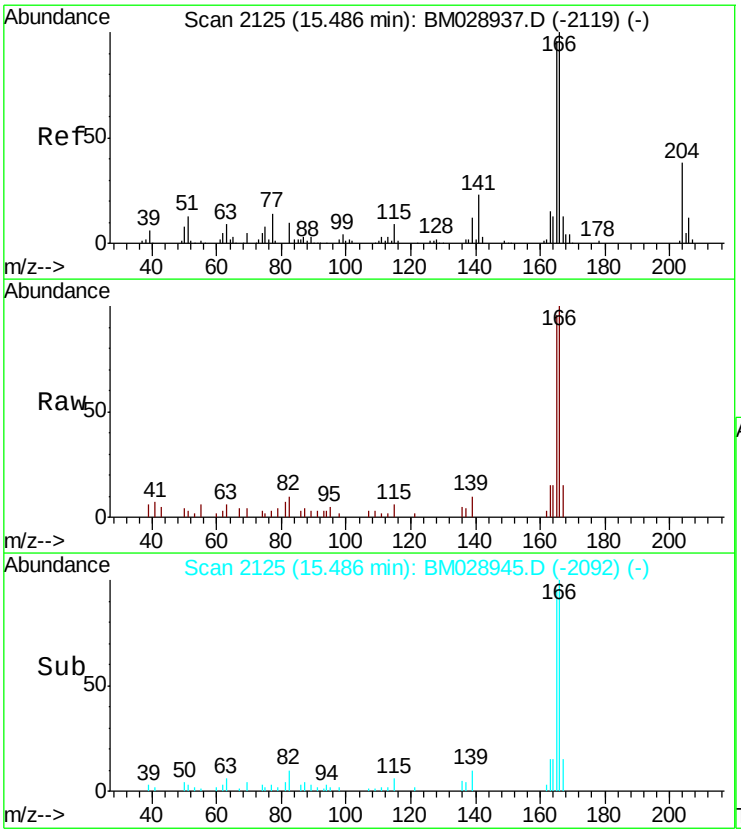
#54
Dibenzofuran
Concen: 3.200 ng/ul
RT: 14.83 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BM028945.D
Acq: 27 Feb 2021 07:29

Instrument :
BNA_M
ClientSampleId :
CB8G5

Tgt Ion:168 Resp: 12014

Ion	Ratio	Lower	Upper
168	100		
139	42.6	31.0	46.4

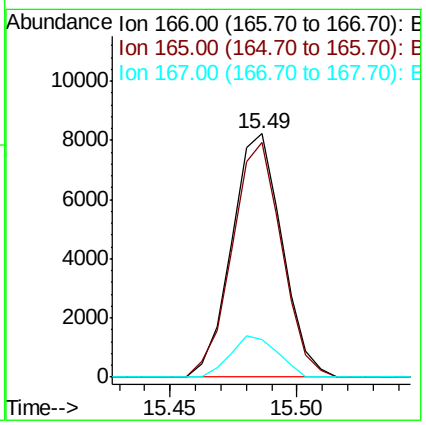


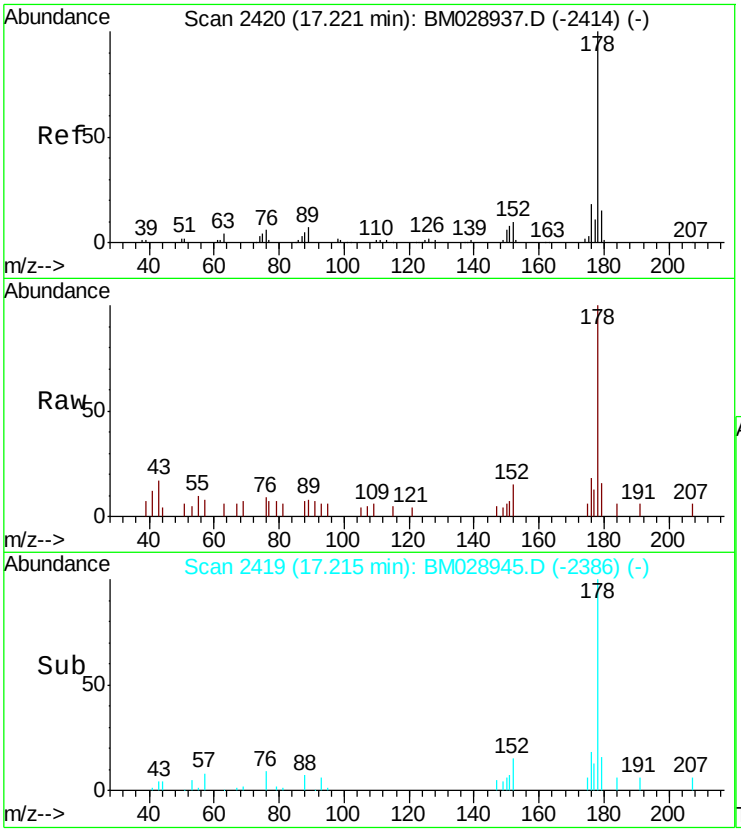


#59
Fluorene
Concen: 3.699 ng/ul
RT: 15.49 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BM028945.D
Acq: 27 Feb 2021 07:29

Tgt Ion:166 Resp: 11389

Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.4	116.0
167	15.3	10.6	15.8





#70
Phenanthrene
Concen: 1.170 ng/ul
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM028945.D
Acq: 27 Feb 2021 07:29

Instrument :
BNA_M
ClientSampleId :
CB8G5

Tgt Ion:178 Resp: 5138

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.2
176	17.7	15.0	22.6