Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007820.D
Acq On : 24 Sep 2019 02:16
Operator : HP/JU
Sample : K4895-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 24 04:01:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 23 15:18:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	586681	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	2399440	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	1526430	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	3244877	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	3445789	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	3987861	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	16899	1.09	ng/uL	0.00
5) Phenol-d5	6.86	99	363242	6.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	698060	22.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	785671	20.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	584291	13.72	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	443080	25.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	472973	28.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	917667	23.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	1149331	22.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	3204530	26.38	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	3536799	25.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	157845	7.31	ng/ul	0.00
57) Fluorene-d10	15.31	176	2861853	27.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	454768	25.97	ng/ul	0.00
70) Anthracene-d10	17.16	188	4713472	29.18	ng/ul	0.00
78) Pyrene-d10	19.46	212	5663435	30.51	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	6319579	30.46	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.50	128	1049293	7.755	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	521766	5.341	ng/ul	98
44) Dimethylphthalate	13.77	163	1184830	9.570	ng/ul	99
49) Acenaphthene	14.38	153	114197	1.108	ng/ul	98
58) Fluorene	15.37	166	128373	1.067	ng/ul	95
69) Phenanthrene	17.10	178	459398	2.387	ng/ul	99
74) Carbazole	17.46	167	416027	2.554	ng/ul	99

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

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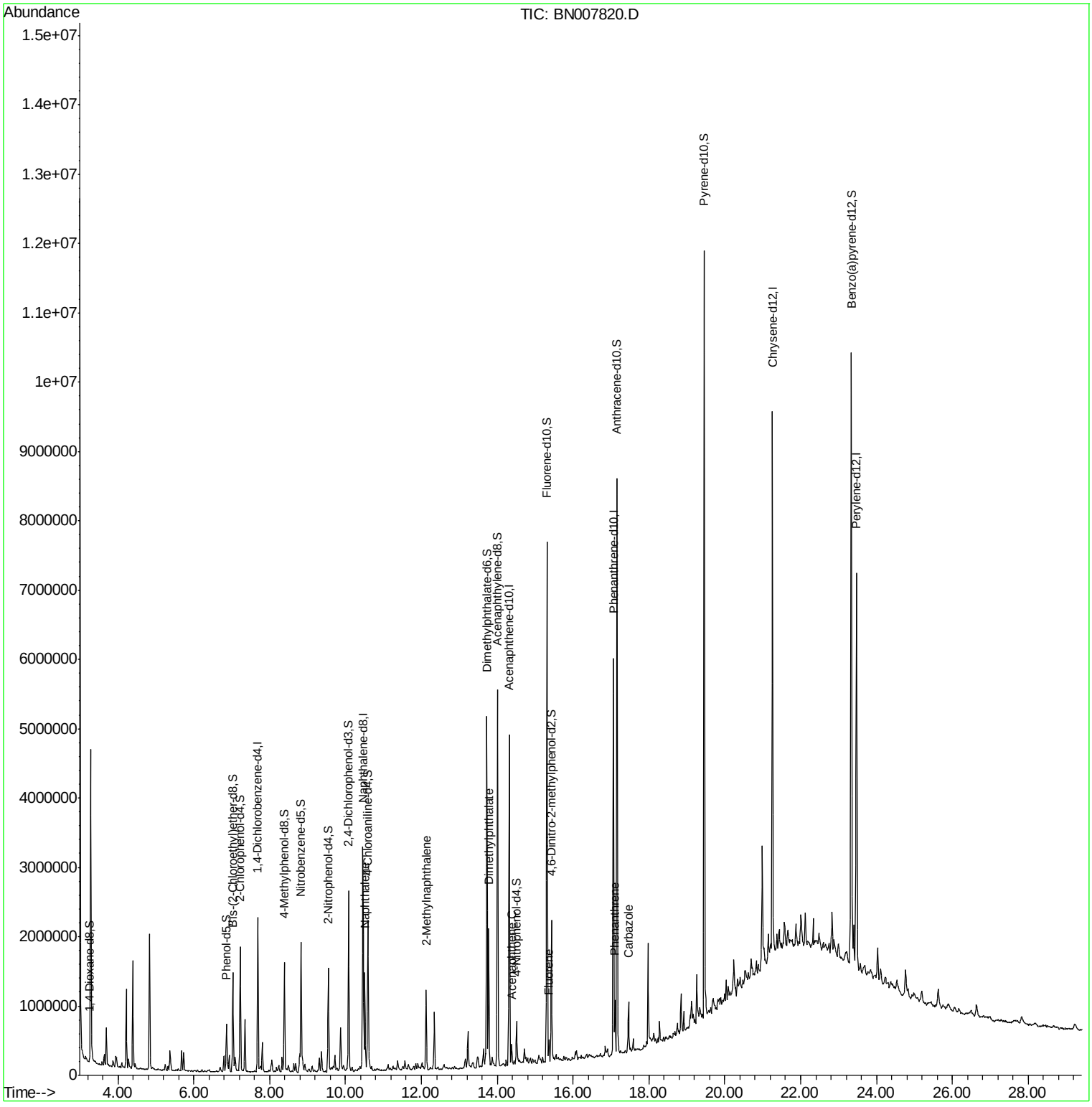
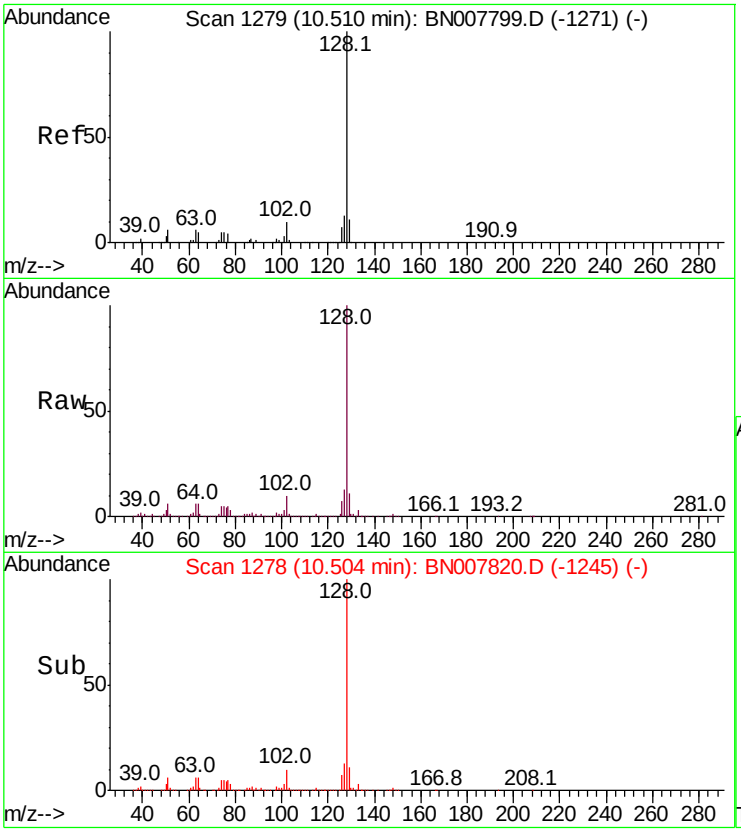


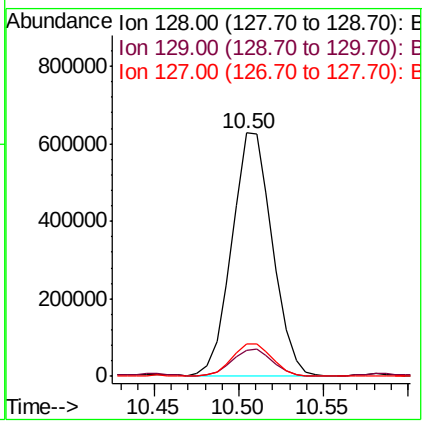


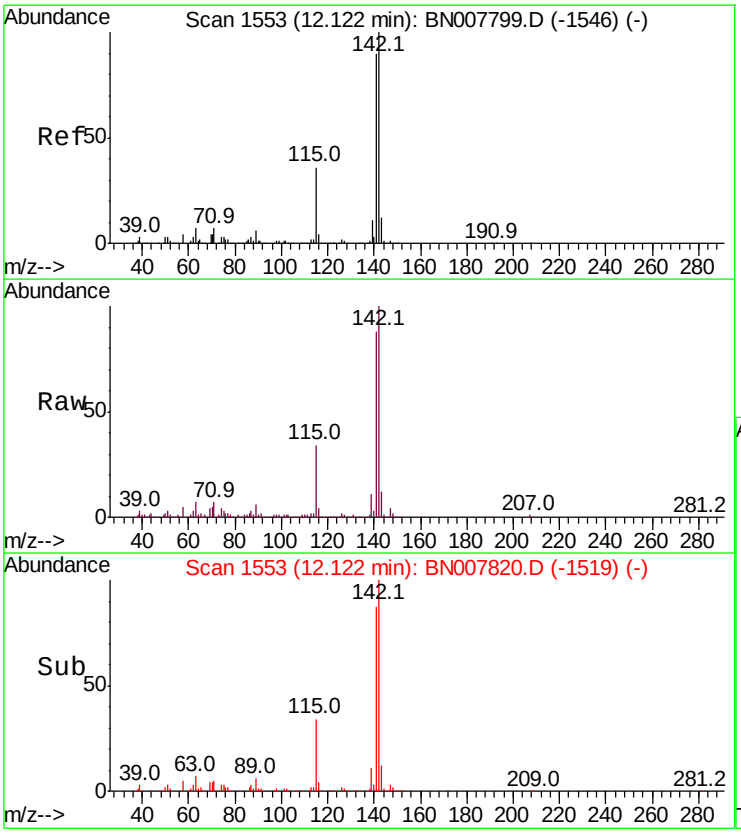
#28
Naphthalene
Concen: 7.755 ng/ul
RT: 10.50 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BN007820.D
Acq: 24 Sep 2019 02:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 1049293

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.1	11.0	16.4

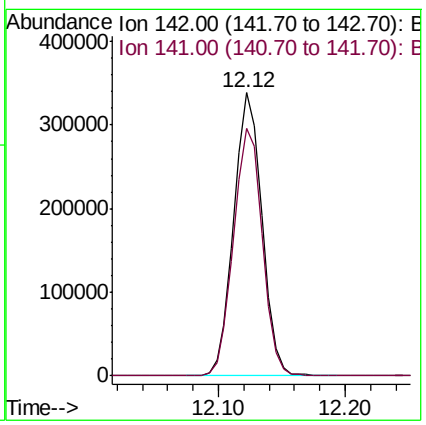


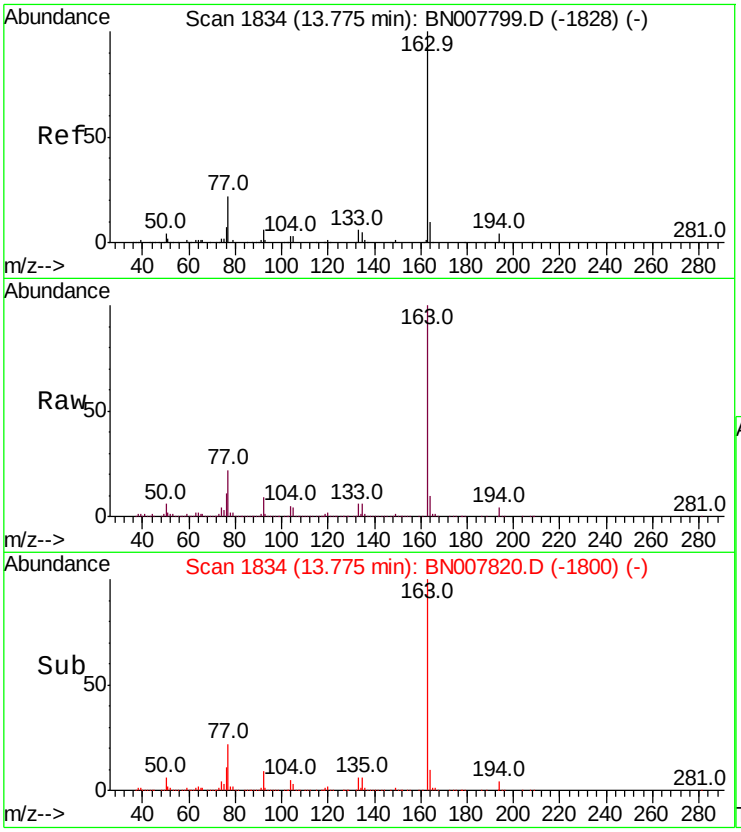


#34
2-Methylnaphthalene
Concen: 5.341 ng/ul
RT: 12.12 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BN007820.D
Acq: 24 Sep 2019 02:16

Tgt Ion:142 Resp: 521766

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.2	106.8



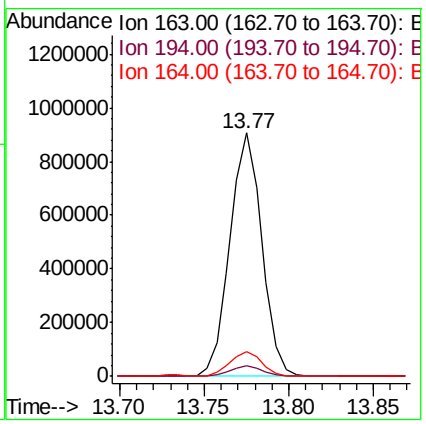


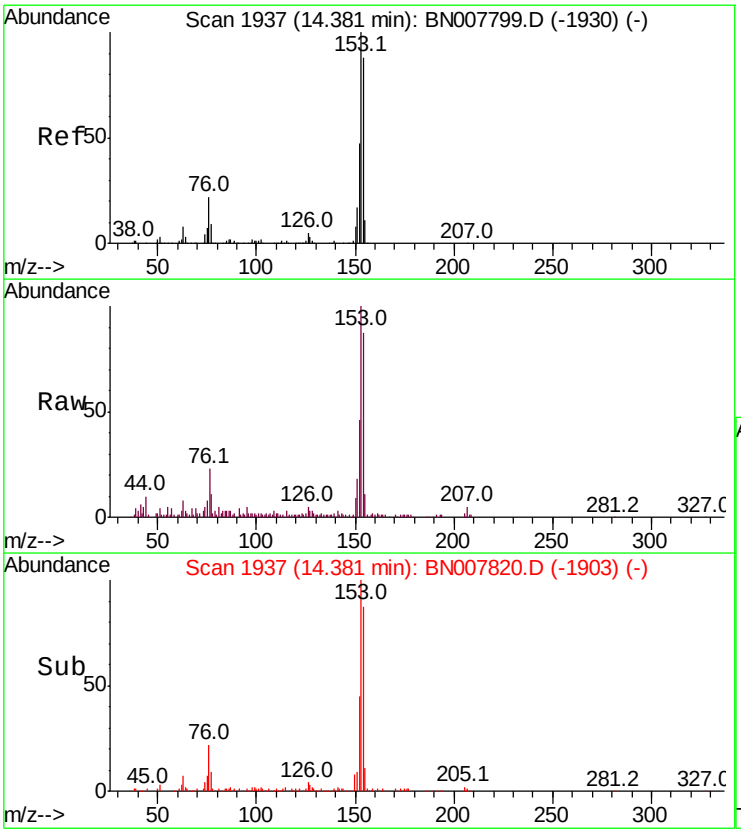
#44
Dimethylphthalate
Concen: 9.570 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BN007820.D
Acq: 24 Sep 2019 02:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:163 Resp: 1184830

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	8.4	12.6

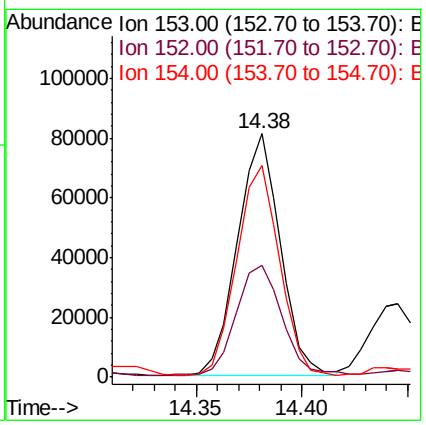


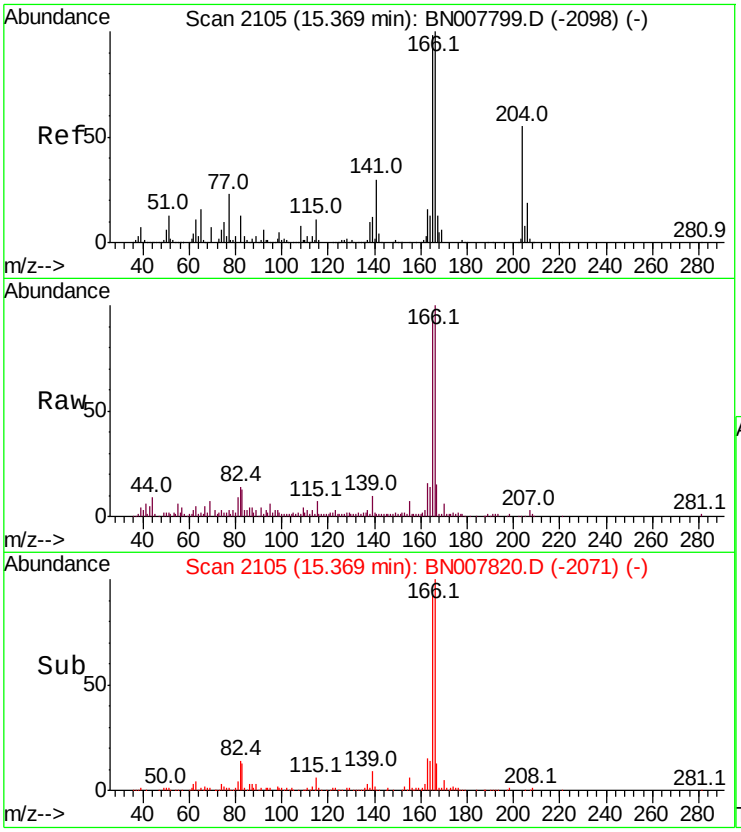


#49
Acenaphthene
Concen: 1.108 ng/ul
RT: 14.38 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BN007820.D
Acq: 24 Sep 2019 02:16

Tgt Ion:153 Resp: 114197

Ion	Ratio	Lower	Upper
153	100		
152	45.8	37.8	56.8
154	86.9	70.3	105.5



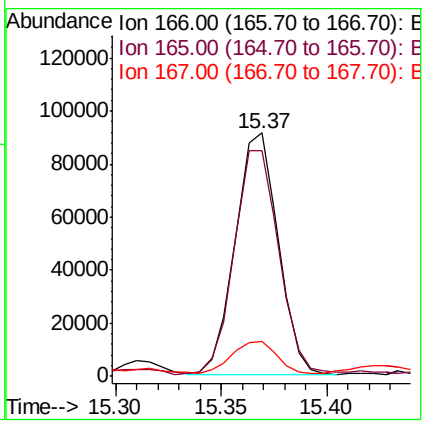


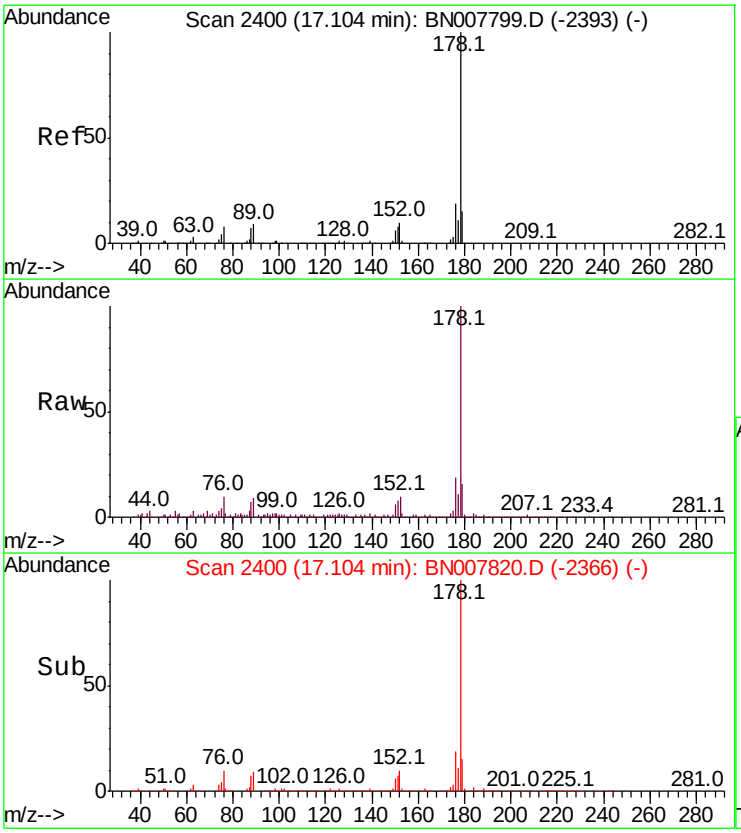
#58
Fluorene
Concen: 1.067 ng/ul
RT: 15.37 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BN007820.D
Acq: 24 Sep 2019 02:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 128373

Ion	Ratio	Lower	Upper
166	100		
165	92.8	78.6	118.0
167	14.5	10.8	16.2

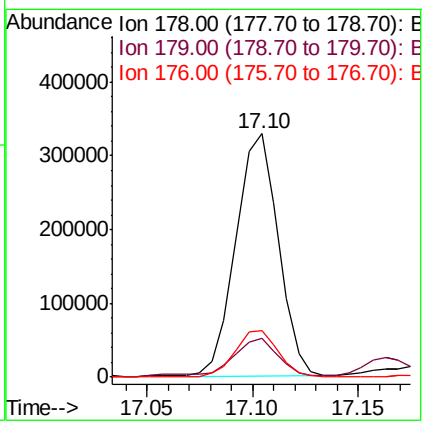


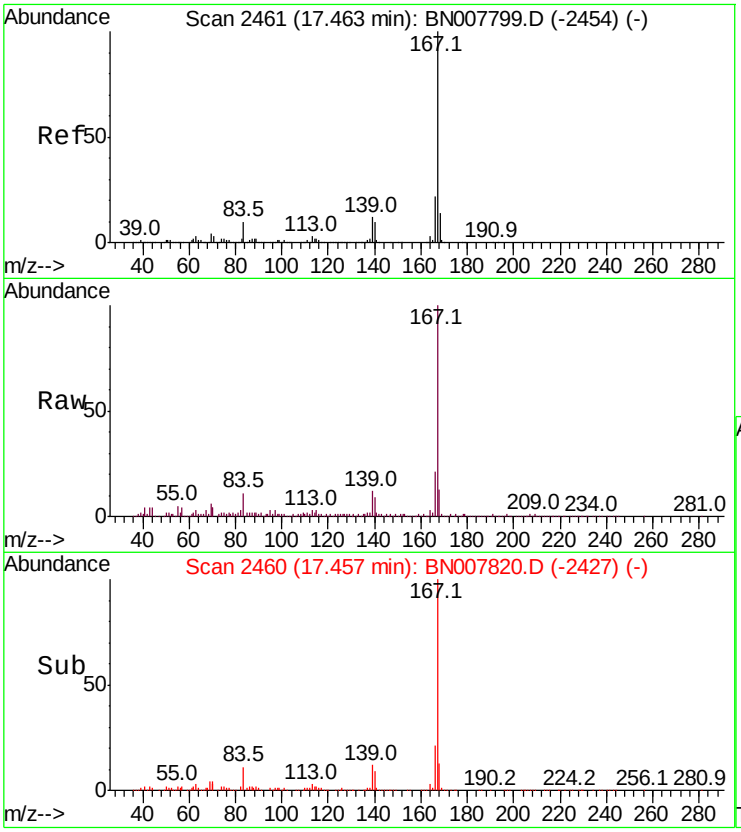


#69
Phenanthrene
Concen: 2.387 ng/ul
RT: 17.10 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BN007820.D
Acq: 24 Sep 2019 02:16

Tgt Ion:178 Resp: 459398

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.9	17.9
176	19.3	15.2	22.8





#74
Carbazole
Concen: 2.554 ng/ul
RT: 17.46 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BN007820.D
Acq: 24 Sep 2019 02:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:167 Resp: 416027

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.4
139	12.3	10.1	15.1