Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091719\
Data File : BN007697.D
Acq On : 17 Sep 2019 15:19
Operator : HP/JU
Sample : K4633-08DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 18 01:33:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	582328	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2508541	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1631750	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	3541938	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	3386599	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	3769426	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	10622	0.69	ng/uL	0.00
5) Phenol-d5	6.88	99	290669	5.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	150969	4.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	218960	5.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	220026	5.21	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	106182	5.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	97059	5.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	217115	5.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	115754	2.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	720662	5.55	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	825040	5.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	72107	3.12	ng/ul	0.00
57) Fluorene-d10	15.32	176	642727	5.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	21268	1.11	ng/ul	0.00
70) Anthracene-d10	17.17	188	1019851	5.78	ng/ul	0.00
78) Pyrene-d10	19.47	212	1149301	6.30	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1148078	5.85	ng/ul	0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.79	163	299964	2.266	ng/ul	99
49) Acenaphthene	14.39	153	296566	2.691	ng/ul	99
58) Fluorene	15.38	166	160084	1.245	ng/ul	99
69) Phenanthrene	17.12	178	5501550	26.192	ng/ul	99
71) Anthracene	17.20	178	961392	4.573	ng/ul	99
74) Carbazole	17.47	167	895396	5.035	ng/ul	98
76) Fluoranthene	19.14	202	12329891	53.513	ng/ul	96
79) Pyrene	19.50	202	11868971	52.632	ng/ul	100
82) Benzo(a)anthracene	21.26	228	8217796	34.054	ng/ul	96
84) Chrysene	21.31	228	9531054	42.451	ng/ul	96
87) Benzo(b)fluoranthene	22.84	252	11925257	48.920	ng/ul	98
88) Benzo(k)fluoranthene	22.84	252	11925257	50.340	ng/ul	98
90) Benzo(a)pyrene	23.41	252	8882097	37.688	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.73	276	6067277	21.912	ng/ul	95
92) Dibenzo(a,h)anthracene	25.73	278	1779399	7.705	ng/ul#	91
93) Benzo(g,h,i)perylene	26.41	276	5521795	24.326	ng/ul	99

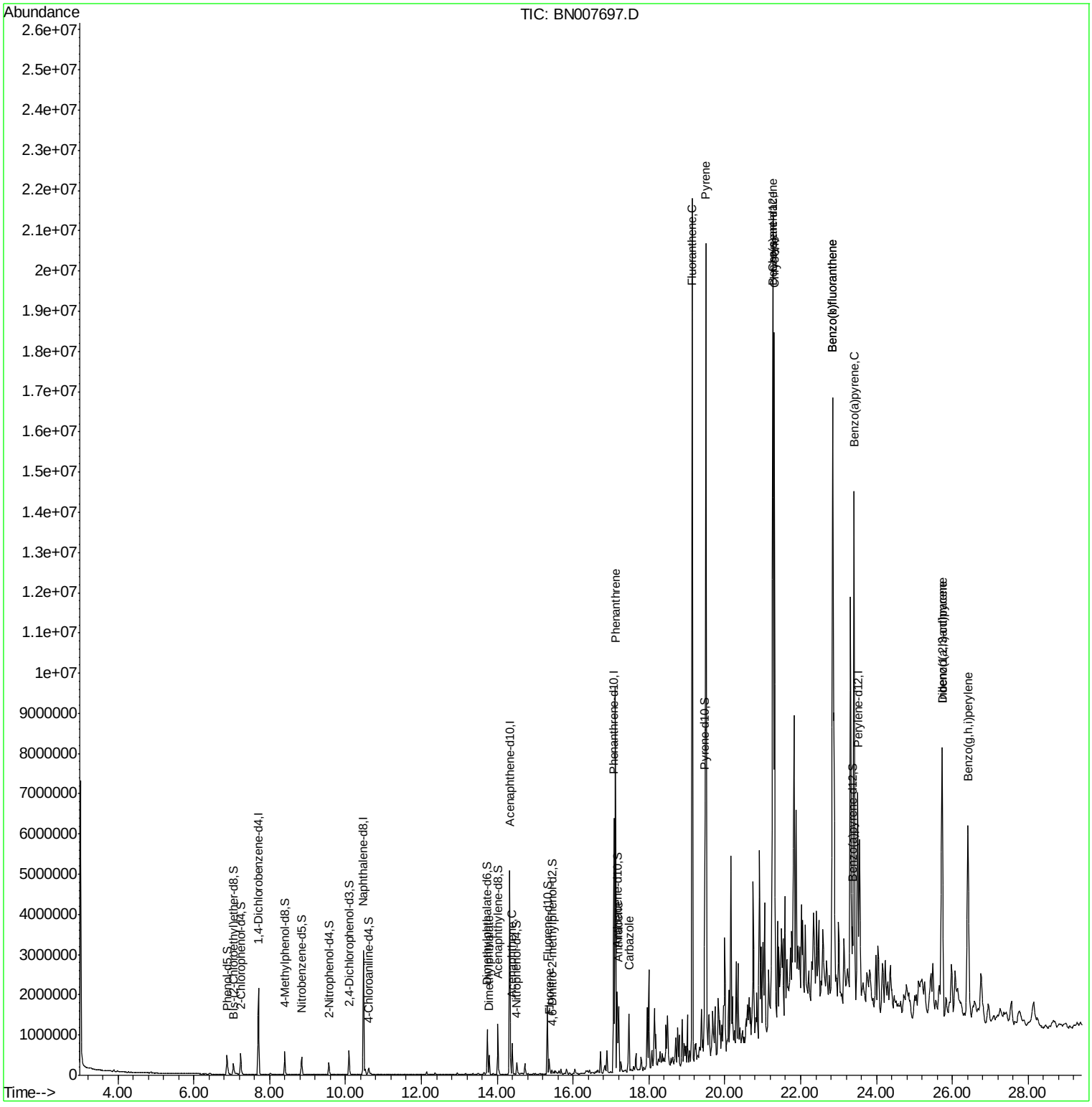
(#) = qualifier out of range (m) = manual integration (+) = signals summed

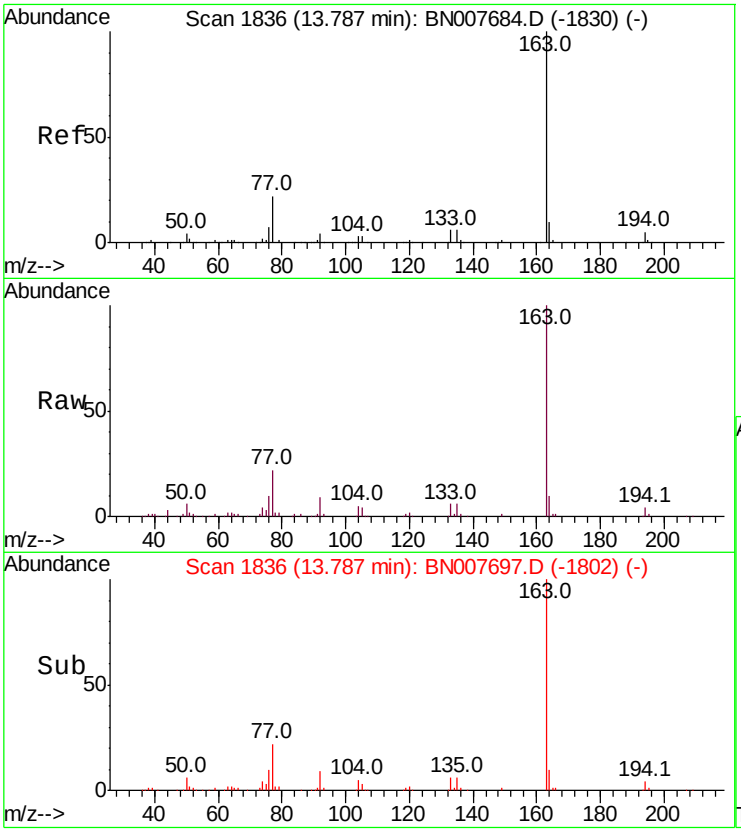
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091719\
Data File : BN007697.D
Acq On : 17 Sep 2019 15:19
Operator : HP/JU
Sample : K4633-08DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 18 01:33:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration



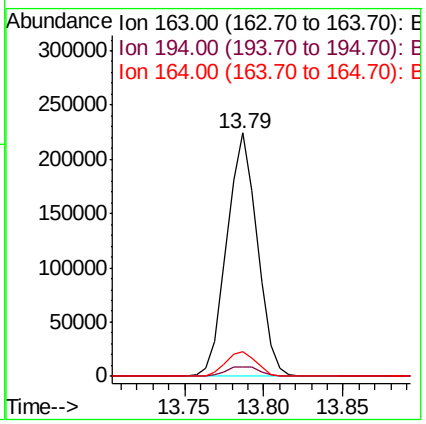


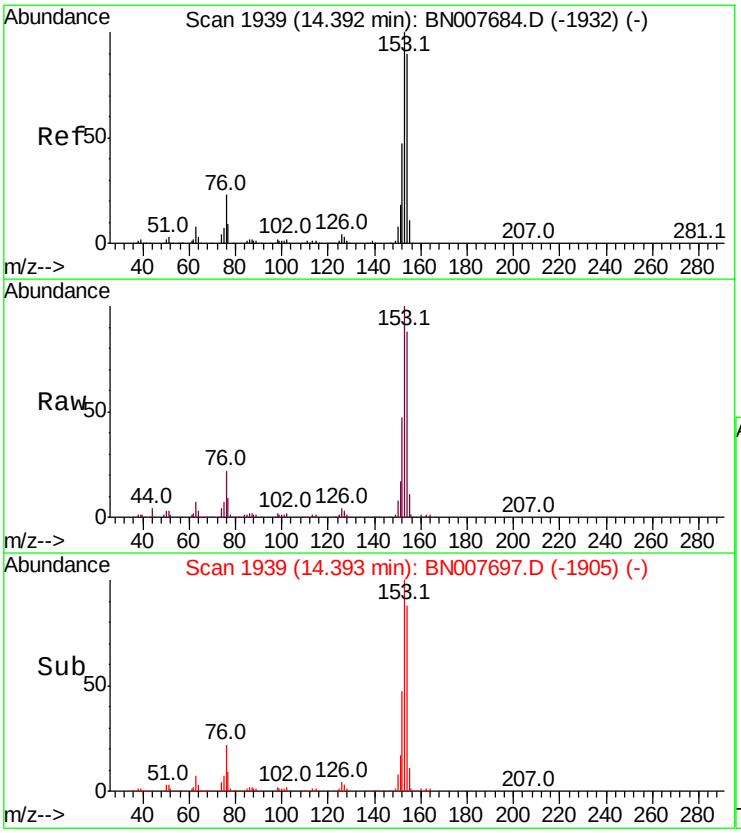
#44
Dimethylphthalate
Concen: 2.266 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:163 Resp: 299964

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	10.0	8.4	12.6

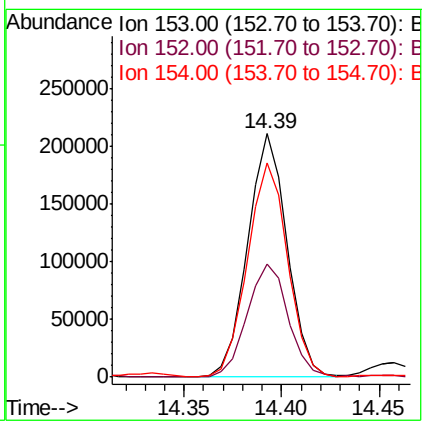


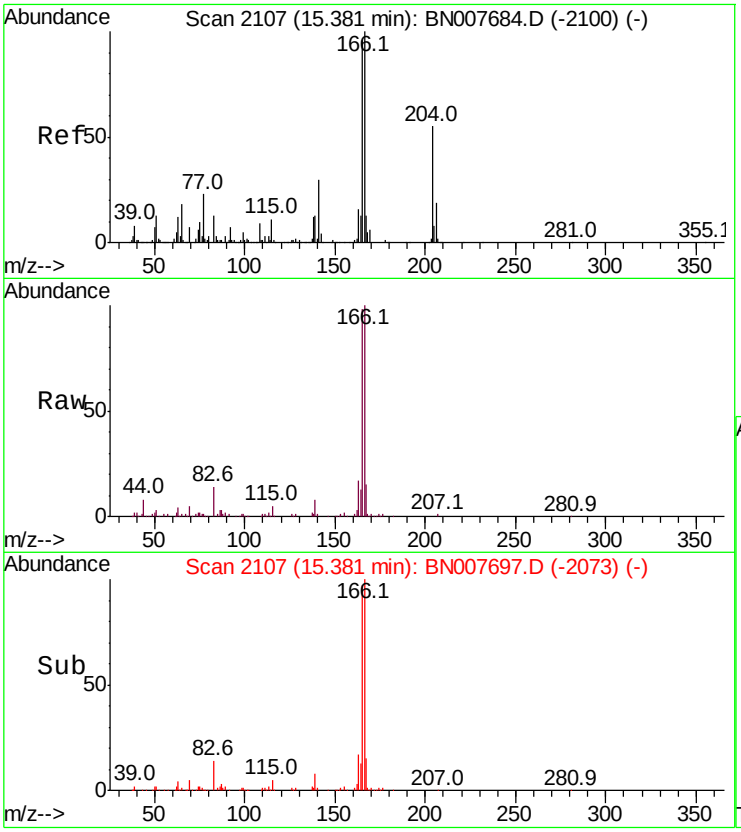


#49
Acenaphthene
Concen: 2.691 ng/ul
RT: 14.39 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Tgt Ion:153 Resp: 296566

Ion	Ratio	Lower	Upper
153	100		
152	46.5	37.8	56.8
154	88.2	70.3	105.5



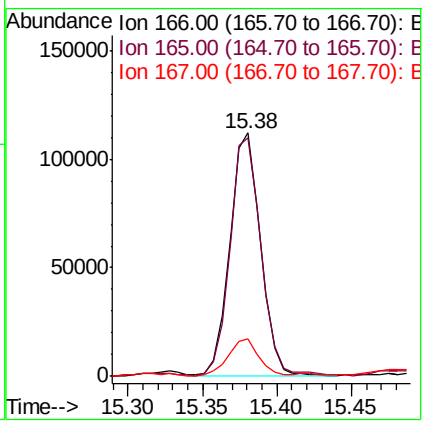


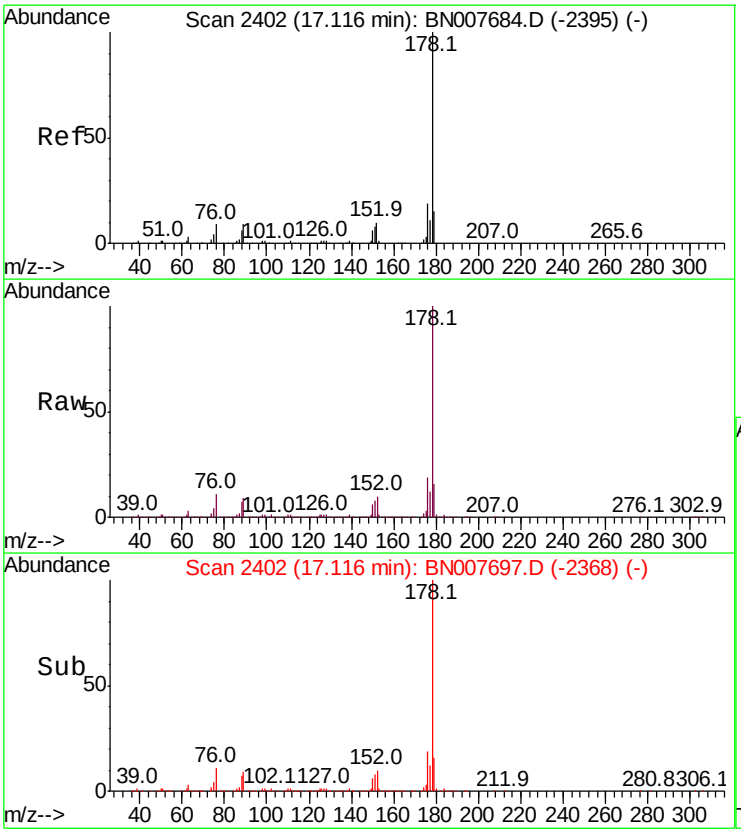
#58
Fluorene
Concen: 1.245 ng/ul
RT: 15.38 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 160084

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.6	118.0
167	15.5	10.8	16.2

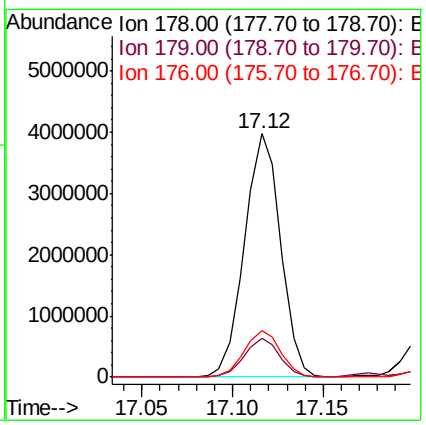


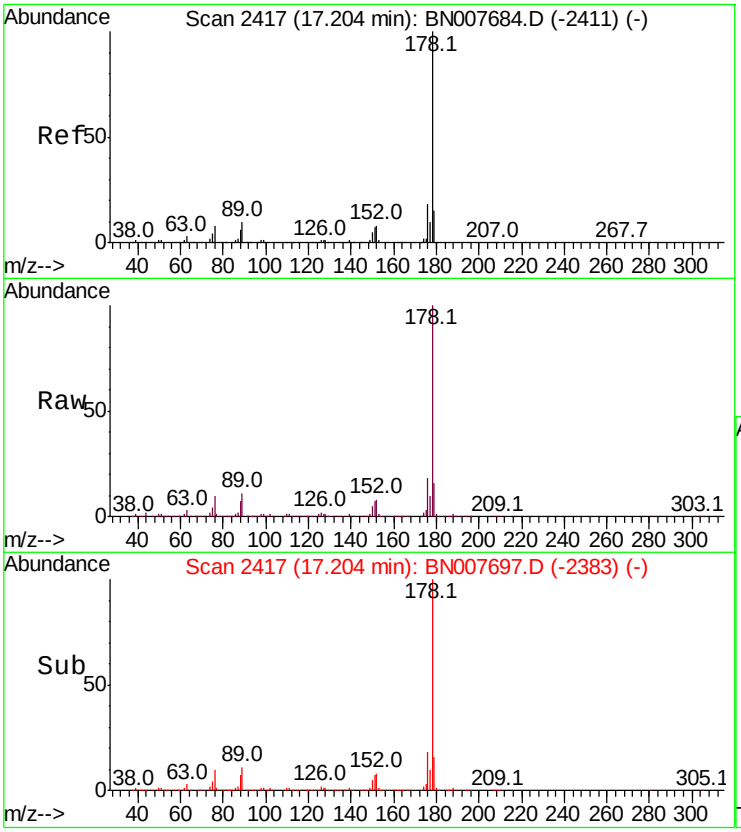


#69
Phenanthrene
Concen: 26.192 ng/ul
RT: 17.12 min Scan# 2402
Delta R.T. -0.00 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Tgt Ion:178 Resp: 5501550

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.9	17.9
176	19.1	15.2	22.8



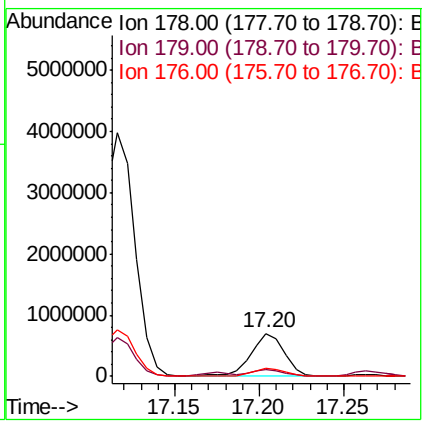


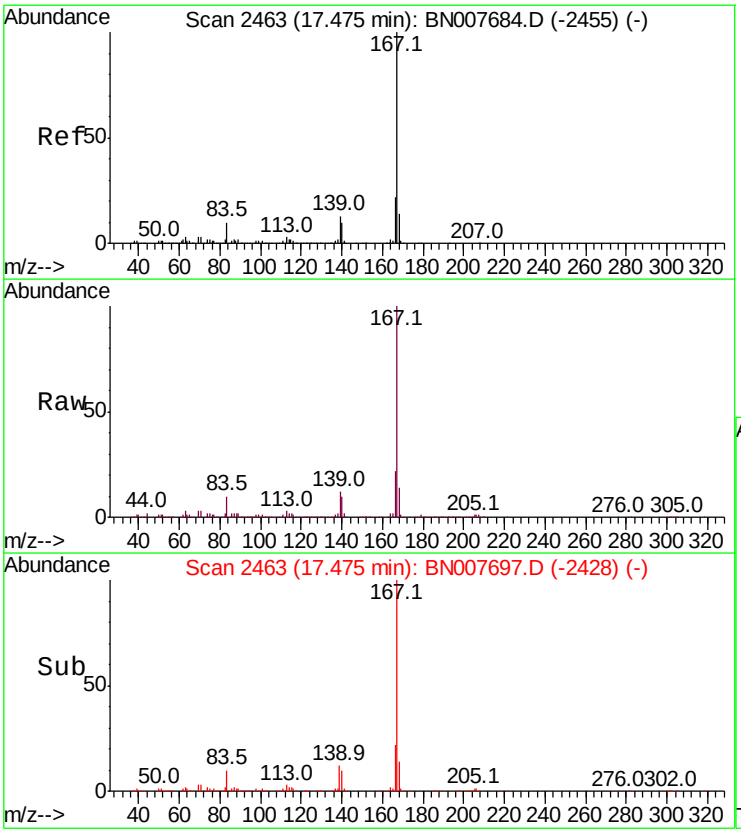
#71
Anthracene
Concen: 4.573 ng/ul
RT: 17.20 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 961392

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.7	19.1
176	18.4	15.1	22.7

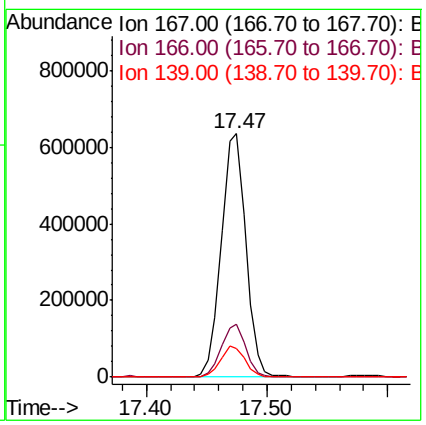


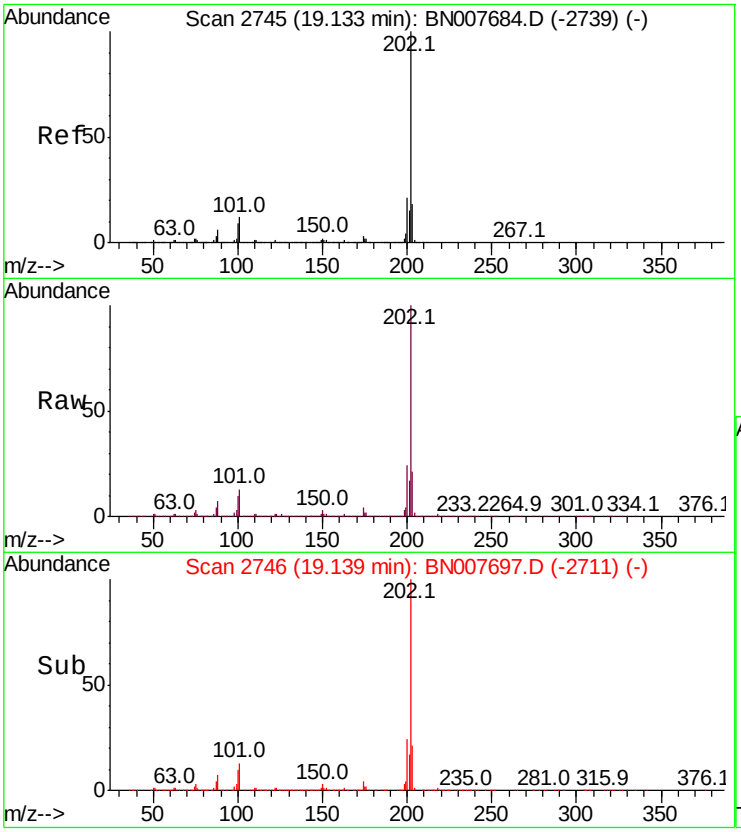


#74
Carbazole
Concen: 5.035 ng/ul
RT: 17.47 min Scan# 2463
Delta R.T. 0.01 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Tgt Ion:167 Resp: 895396

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.4
139	11.8	10.1	15.1



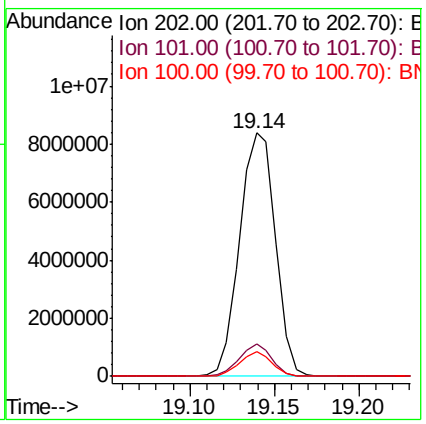


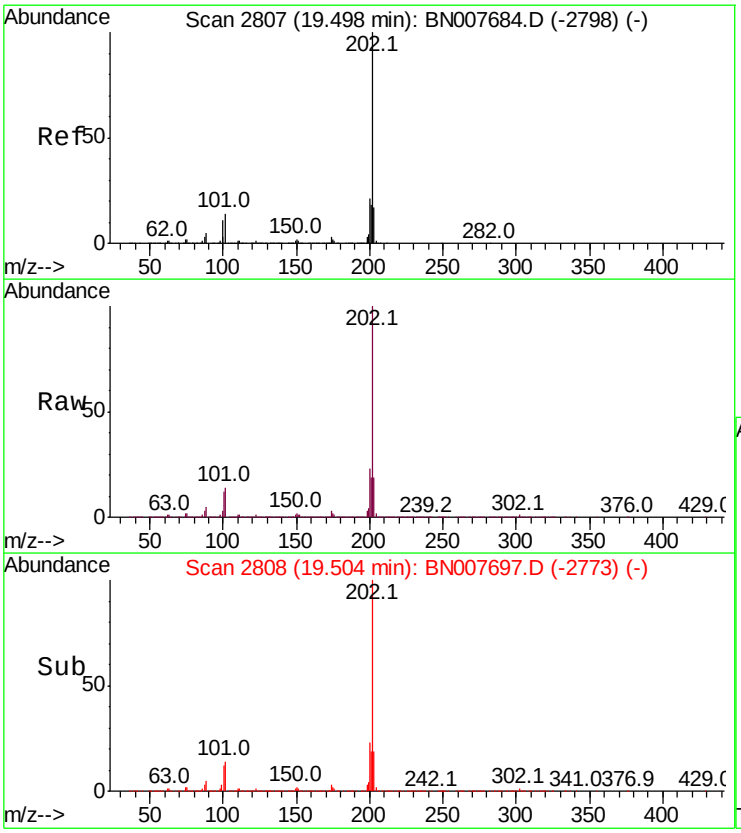
#76
Fluoranthene
Concen: 53.513 ng/ul
RT: 19.14 min Scan# 2746
Delta R.T. 0.01 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp:12329891

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.4	14.2
100	10.1	7.1	10.7

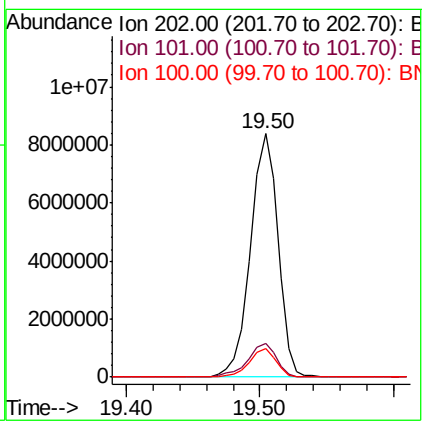


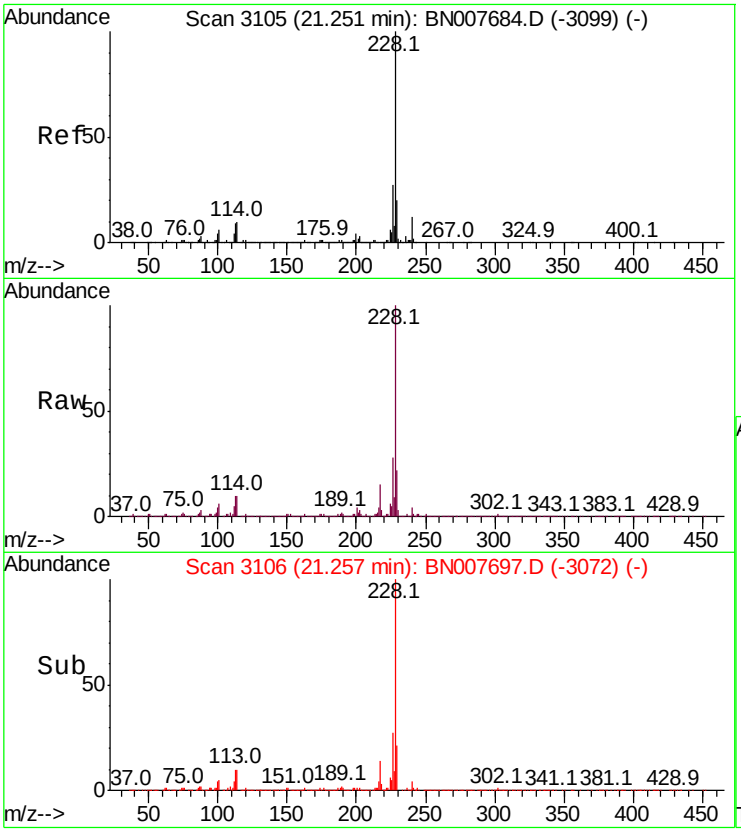


#79
Pyrene
Concen: 52.632 ng/ul
RT: 19.50 min Scan# 2808
Delta R.T. 0.01 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Tgt Ion:202 Resp:11868971

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.2	16.8
100	11.7	9.4	14.0



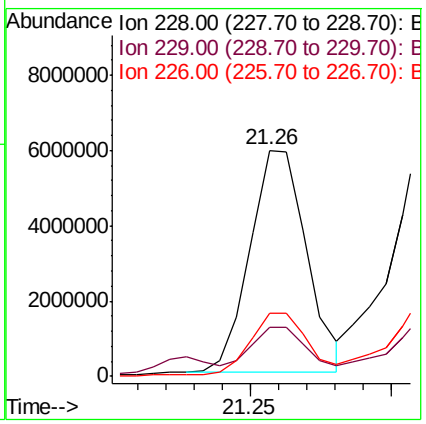


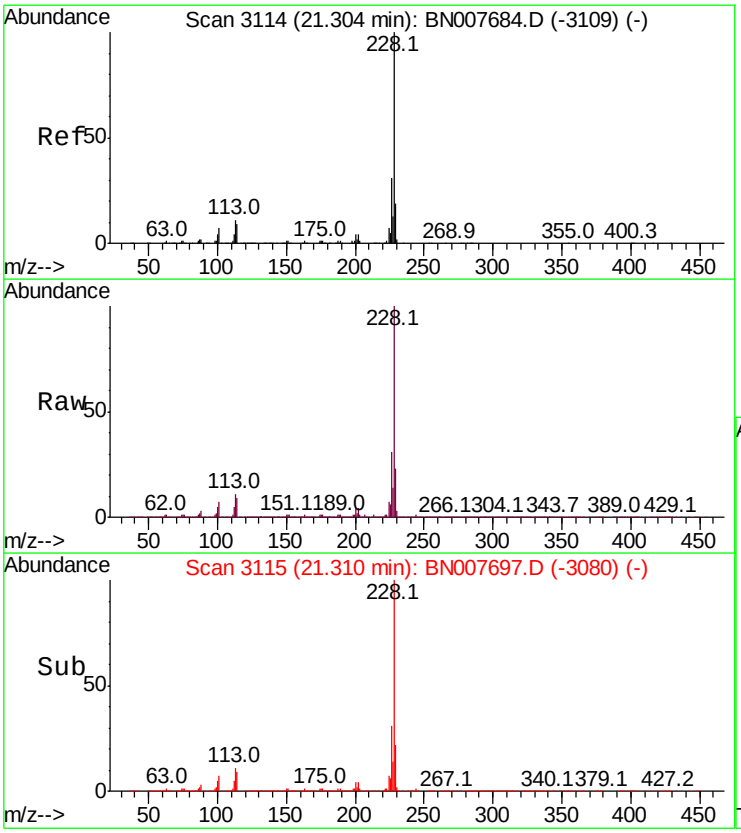
#82
Benzo(a)anthracene
Concen: 34.054 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 8217796

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.7	23.5
226	27.7	20.9	31.3

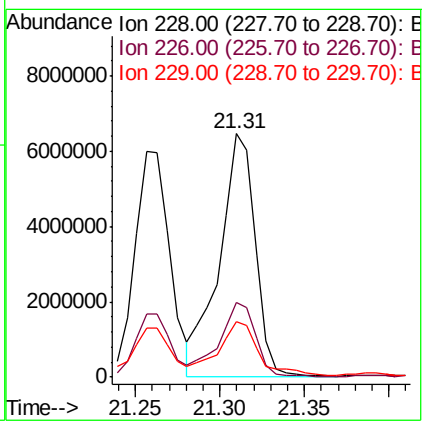


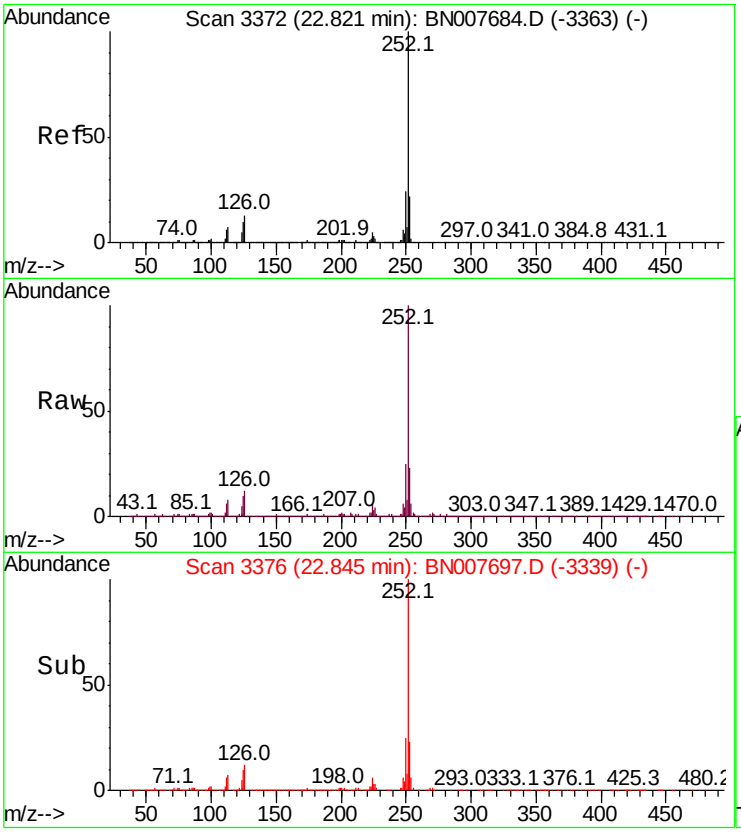


#84
Chrysene
Concen: 42.451 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. 0.01 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Tgt Ion:228 Resp: 9531054

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	23.0	15.5	23.3



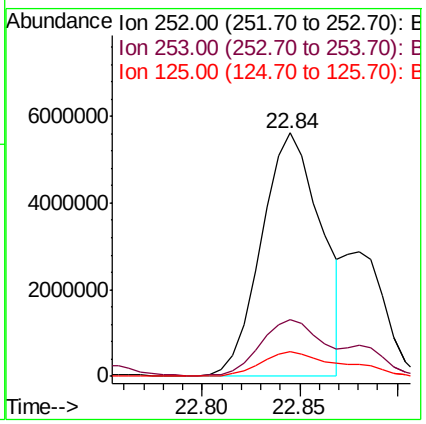


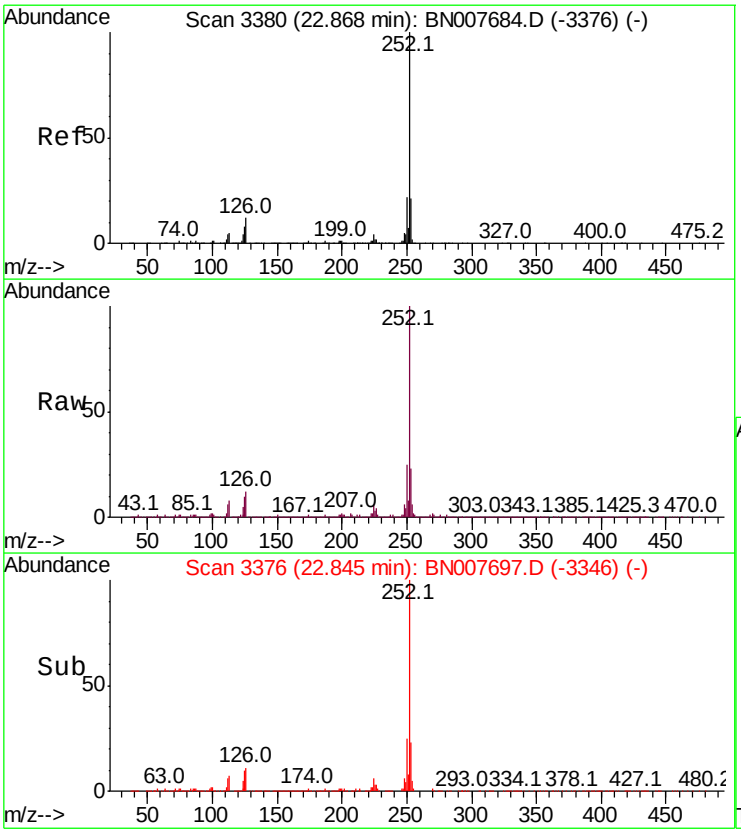
#87
Benzo(b)fluoranthene
Concen: 48.920 ng/ul
RT: 22.84 min Scan# 3376
Delta R.T. 0.02 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp:11925257

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	10.0	8.0	12.0

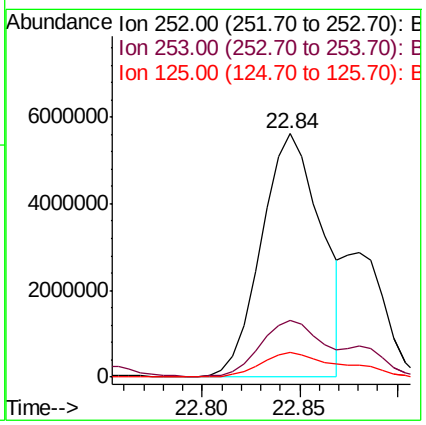


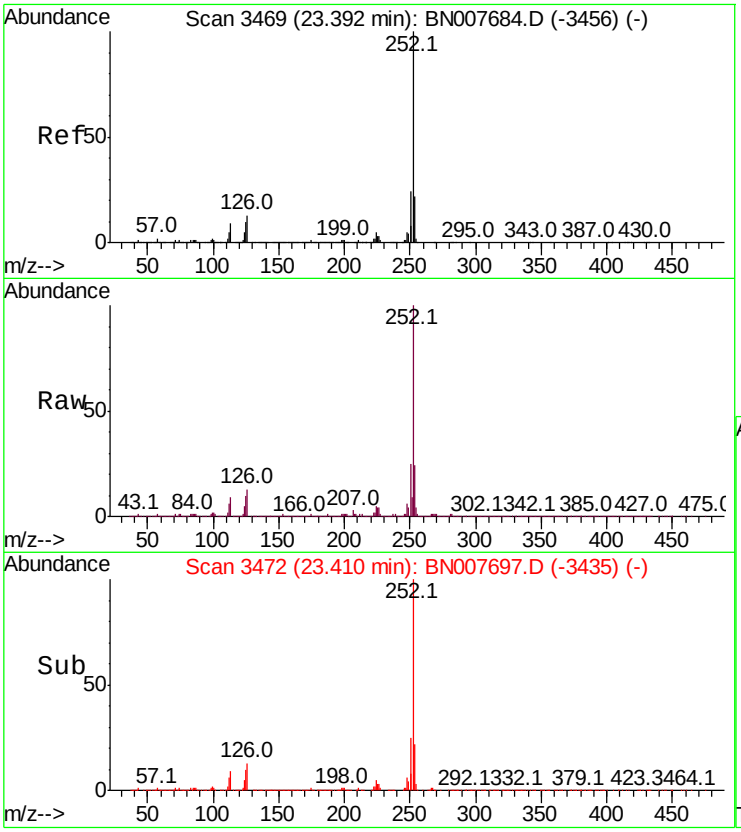


#88
Benzo(k)fluoranthene
Concen: 50.340 ng/ul
RT: 22.84 min Scan# 3376
Delta R.T. -0.02 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Tgt Ion:252 Resp:11925257

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	10.0	8.2	12.4



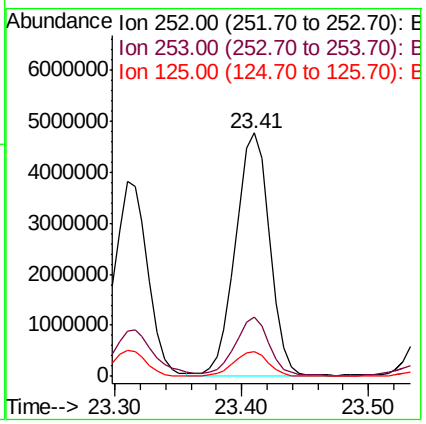


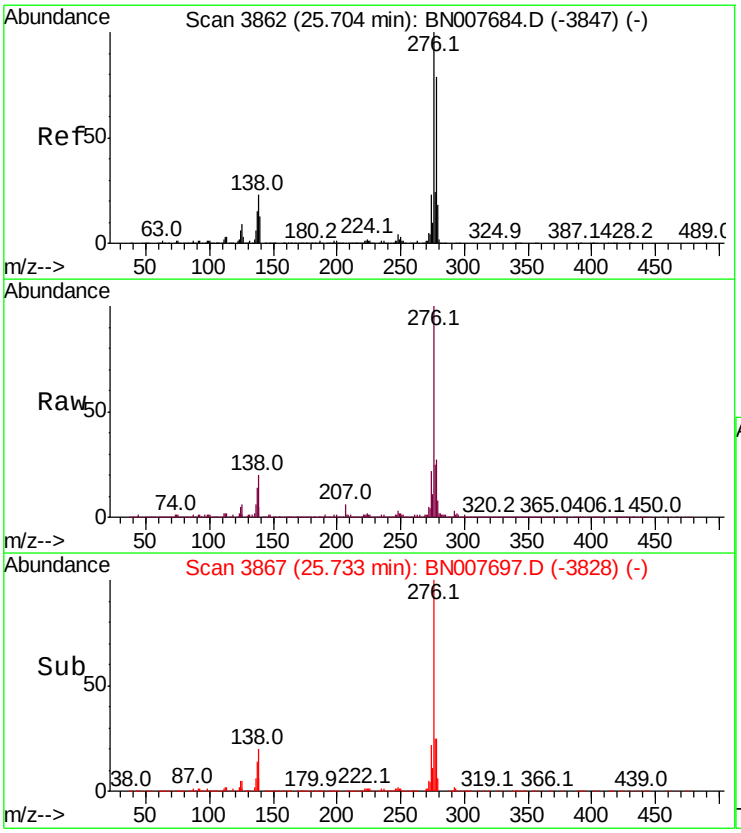
#90
Benzo(a)pyrene
Concen: 37.688 ng/ul
RT: 23.41 min Scan# 3472
Delta R.T. 0.02 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8882097

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.8
125	10.3	9.2	13.8

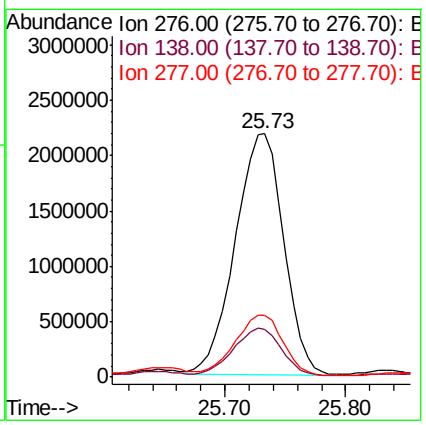


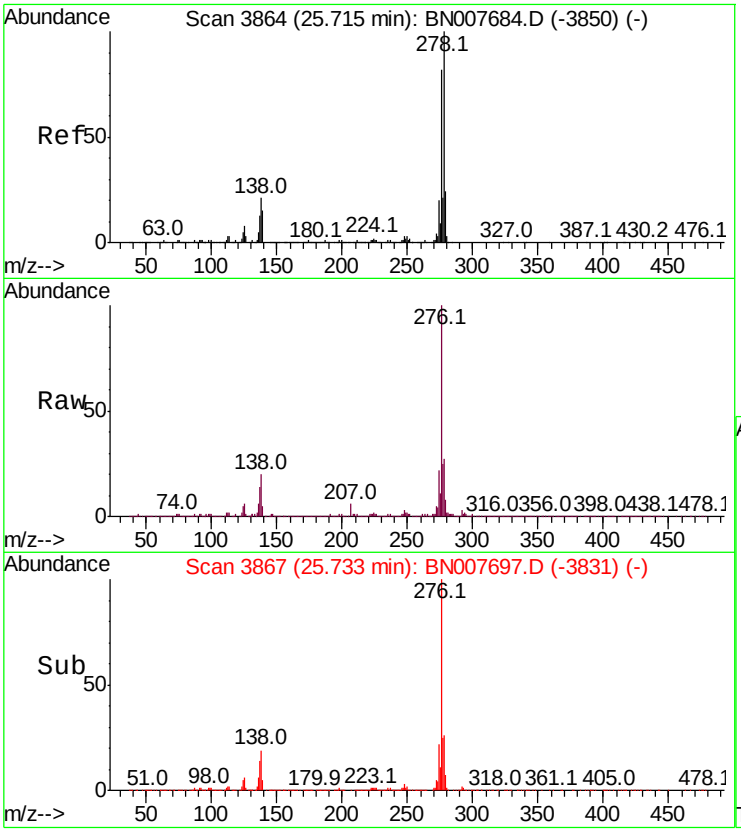


#91
Indeno(1,2,3-cd)pyrene
Concen: 21.912 ng/ul
RT: 25.73 min Scan# 3867
Delta R.T. 0.03 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Tgt Ion:276 Resp: 6067277

Ion	Ratio	Lower	Upper
276	100		
138	19.6	19.1	28.7
277	25.5	19.7	29.5



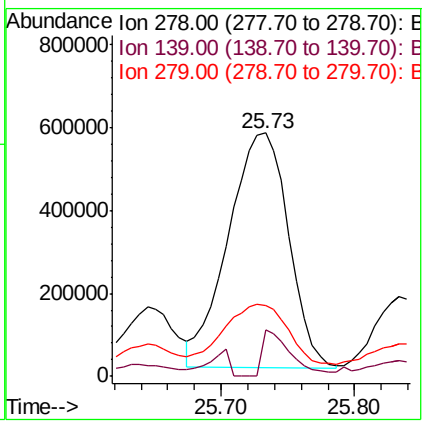


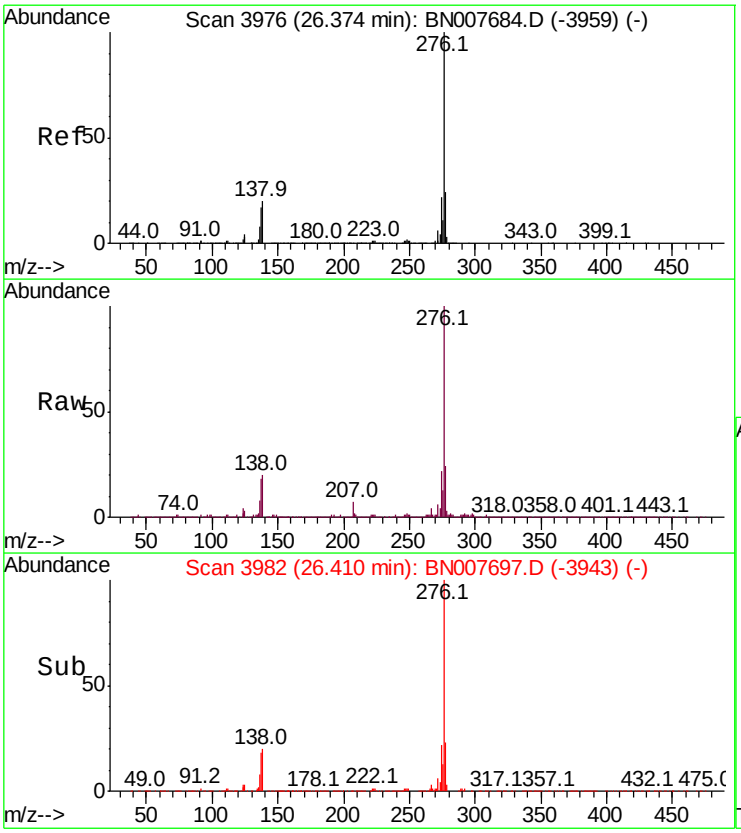
#92
Dibenzo(a,h)anthracene
Concen: 7.705 ng/ul
RT: 25.73 min Scan# 3867
Delta R.T. 0.01 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 1779399

Ion	Ratio	Lower	Upper
278	100		
139	19.2	12.6	19.0#
279	29.1	19.4	29.2





#93
Benzo(g,h,i)perylene
Concen: 24.326 ng/ul
RT: 26.41 min Scan# 3982
Delta R.T. 0.03 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Tgt Ion:276 Resp: 5521795

Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.5	24.7
277	24.2	18.7	28.1