Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001985.D
Acq On : 06 Jul 2018 12:17
Operator : JU/SJ
Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jul 06 23:07:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 04 00:59:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	592765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2644987	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1476711	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3004857	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	1949044	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2019907	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	55794	4.09	ng/uL	0.00
5) Phenol-d5	6.89	99	1446306	26.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	896124	27.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1150830	27.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	1156991	26.92	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	578741	29.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	655945	32.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1189881	27.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1184704	26.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	3406544	27.32	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	4386604	28.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	521832	22.72	ng/ul	0.00
57) Fluorene-d10	15.33	176	2971108	27.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	459948	28.10	ng/ul	0.00
70) Anthracene-d10	17.19	188	4136872	28.49	ng/ul	0.00
76) Pyrene-d10	19.48	212	3637982	37.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	3128656	28.48	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.53	128	542791	3.867	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	266918	2.622	ng/ul	99
44) Dimethylphthalate	13.80	163	733962	5.988	ng/ul	98
47) Acenaphthylene	14.06	152	971772	6.540	ng/ul	99
49) Acenaphthene	14.40	153	121100	1.175	ng/ul	98
53) Dibenzofuran	14.73	168	464109	3.138	ng/ul	96
58) Fluorene	15.39	166	701670	5.947	ng/ul	98
69) Phenanthrene	17.12	178	2772257	16.378	ng/ul	99
71) Anthracene	17.22	178	12587221	73.463	ng/ul	97
72) Carbazole	17.49	167	4907950	34.195	ng/ul	98
74) Fluoranthene	19.15	202	11079945	62.272	ng/ul#	87
77) Pyrene	19.52	202	11438632	93.782	ng/ul#	83
80) Benzo(a)anthracene	21.27	228	6427351	52.179	ng/ul	96
82) Chrysene	21.32	228	7645288	66.706	ng/ul	97
85) Benzo(b)fluoranthene	22.86	252	10974716	86.025	ng/ul#	94
86) Benzo(k)fluoranthene	22.86	252	10974716	88.712	ng/ul#	94
88) Benzo(a)pyrene	23.42	252	4156528	34.865	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.75	276	3518073	27.733	ng/ul#	91
90) Dibenzo(a,h)anthracene	25.75	278	983047	9.311	ng/ul#	88
91) Benzo(g,h,i)perylene	26.43	276	2264465	21.640	ng/ul#	91

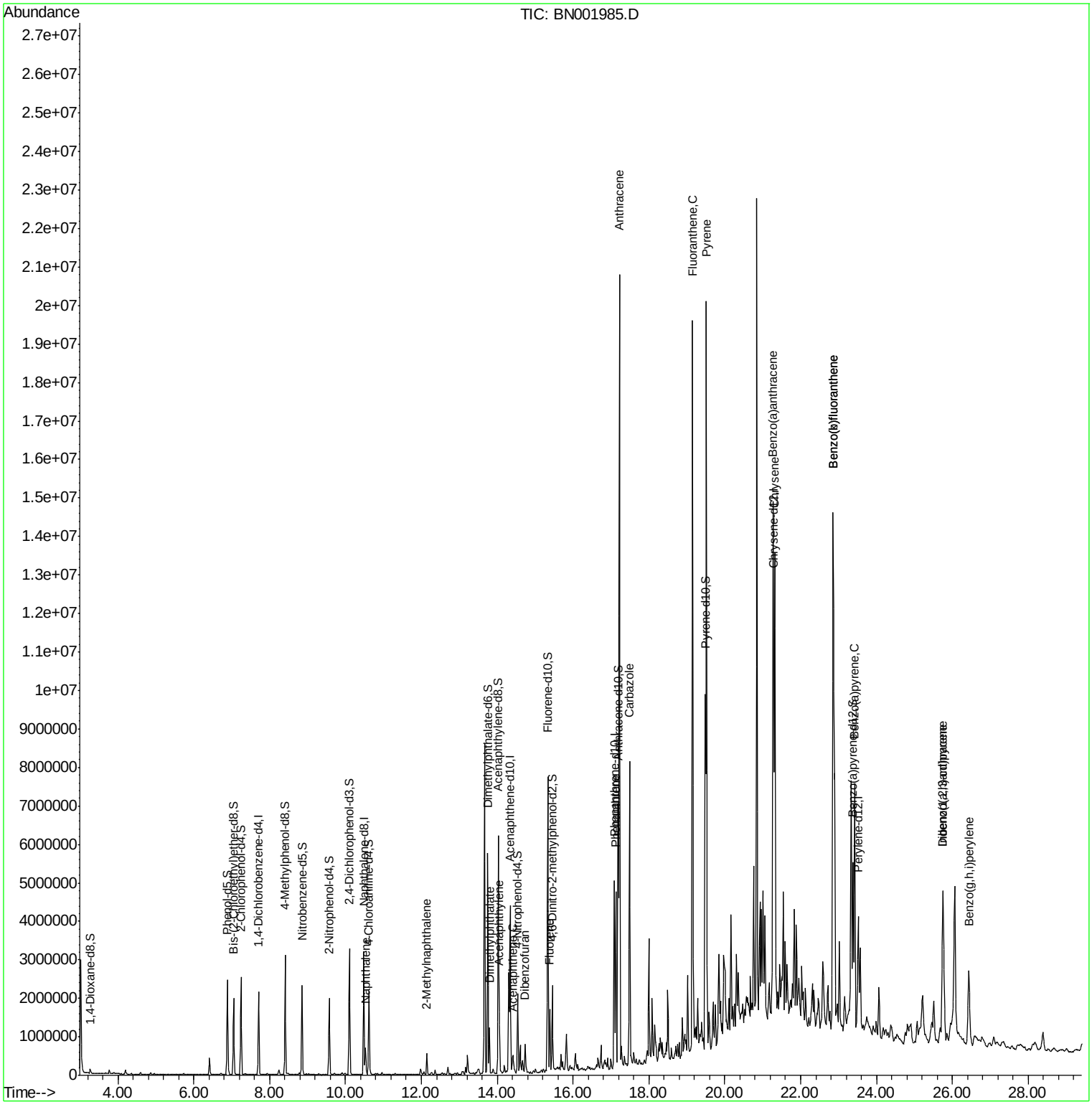
(#) = qualifier out of range (m) = manual integration (+) = signals summed

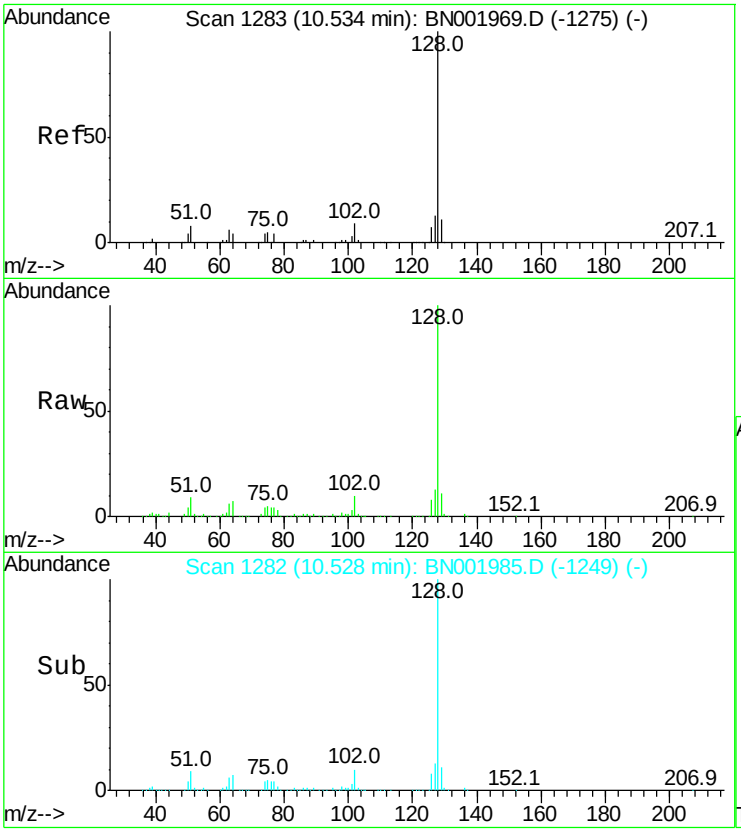
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001985.D
Acq On : 06 Jul 2018 12:17
Operator : JU/SJ
Sample : J3765-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 06 23:07:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 04 00:59:54 2018
Response via : Initial Calibration



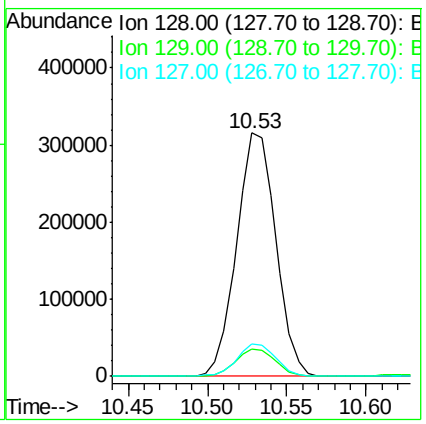


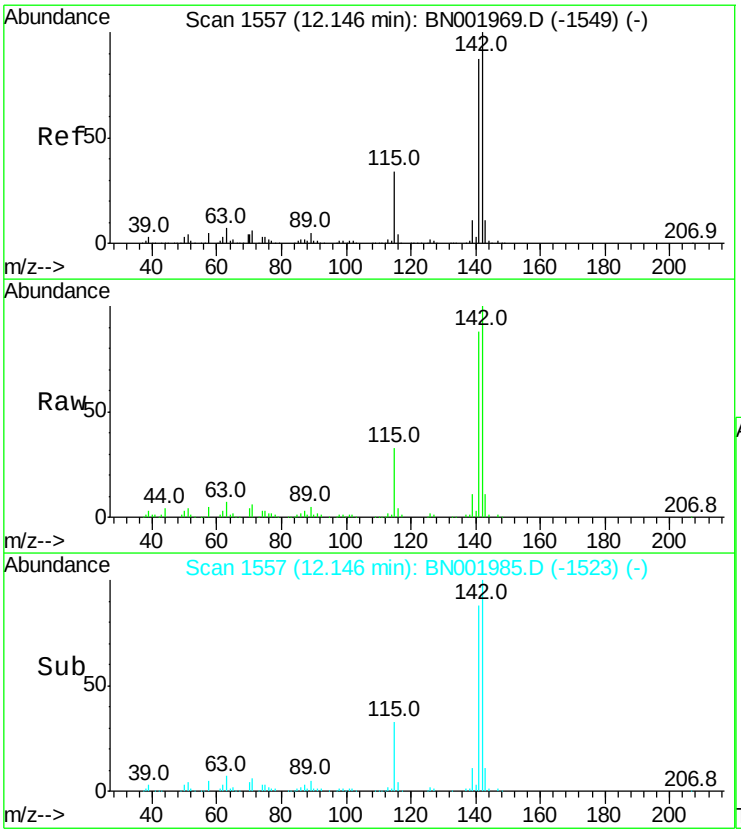
#28
Naphthalene
Concen: 3.867 ng/ul
RT: 10.53 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BN001985.D
Acq: 06 Jul 2018 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 542791

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.3	12.5
127	13.1	10.8	16.2

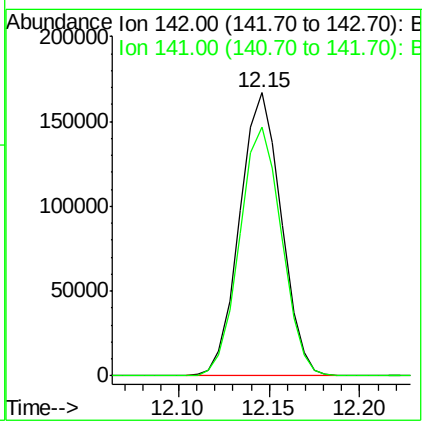


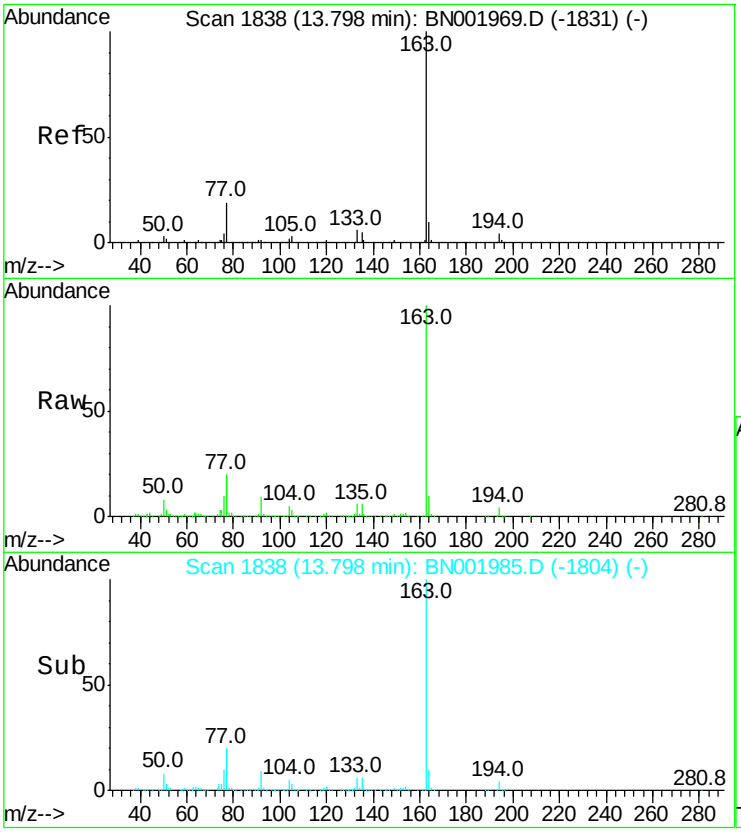


#34
2-Methylnaphthalene
Concen: 2.622 ng/ul
RT: 12.15 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BN001985.D
Acq: 06 Jul 2018 12:17

Tgt Ion:142 Resp: 266918

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2



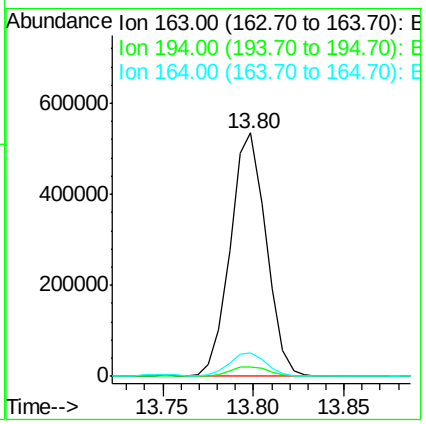


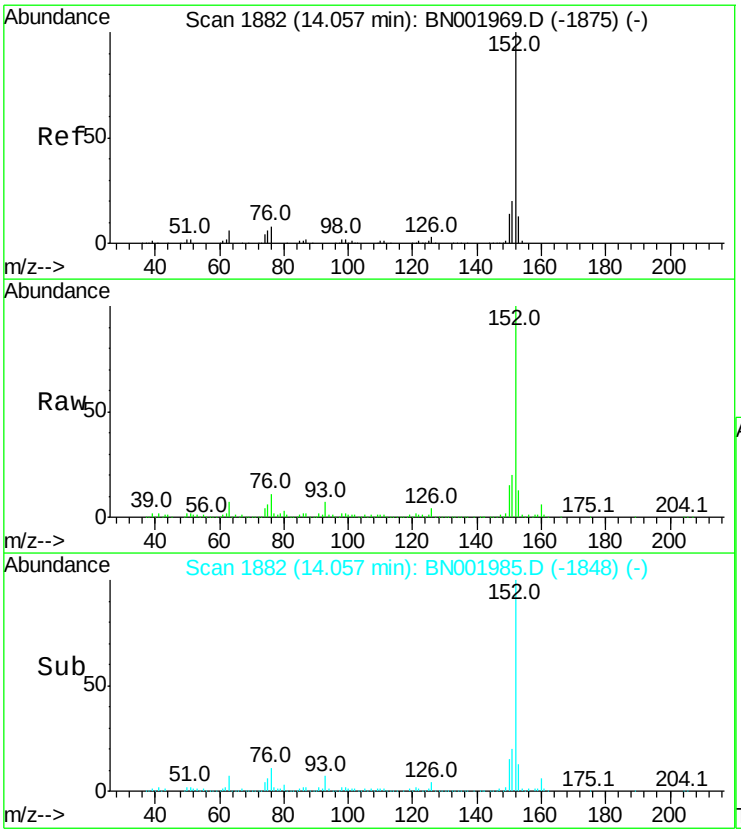
#44
Dimethylphthalate
Concen: 5.988 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BN001985.D
Acq: 06 Jul 2018 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:163 Resp: 733962

Ion	Ratio	Lower	Upper
163	100		
194	4.1	4.0	6.0
164	9.8	8.4	12.6

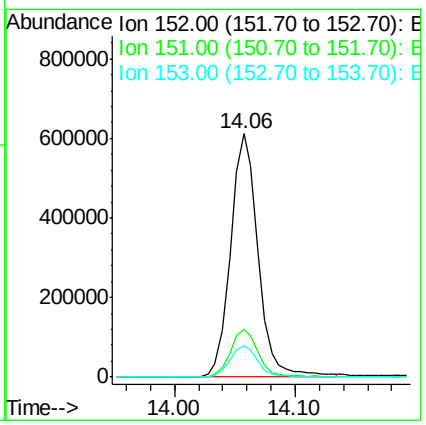


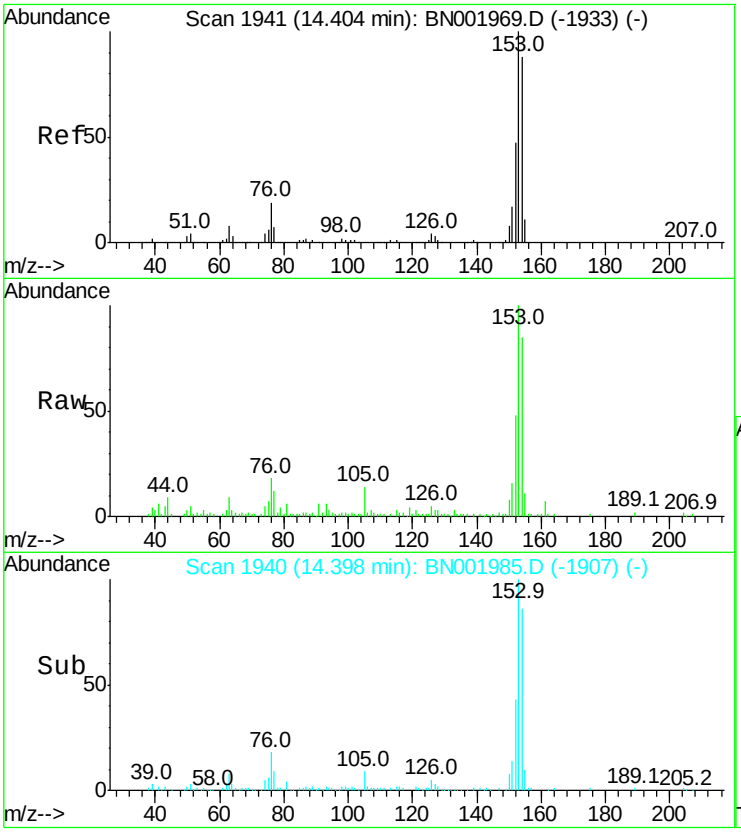


#47
Acenaphthylene
Concen: 6.540 ng/ul
RT: 14.06 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BN001985.D
Acq: 06 Jul 2018 12:17

Tgt Ion:152 Resp: 971772

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	12.9	10.8	16.2



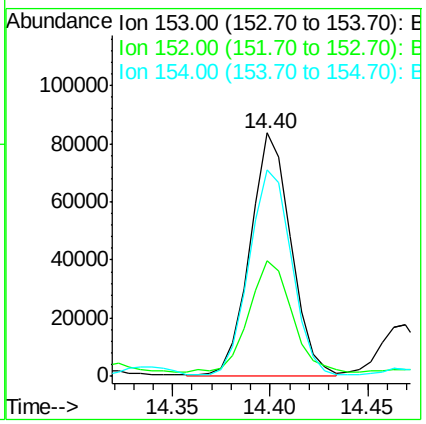


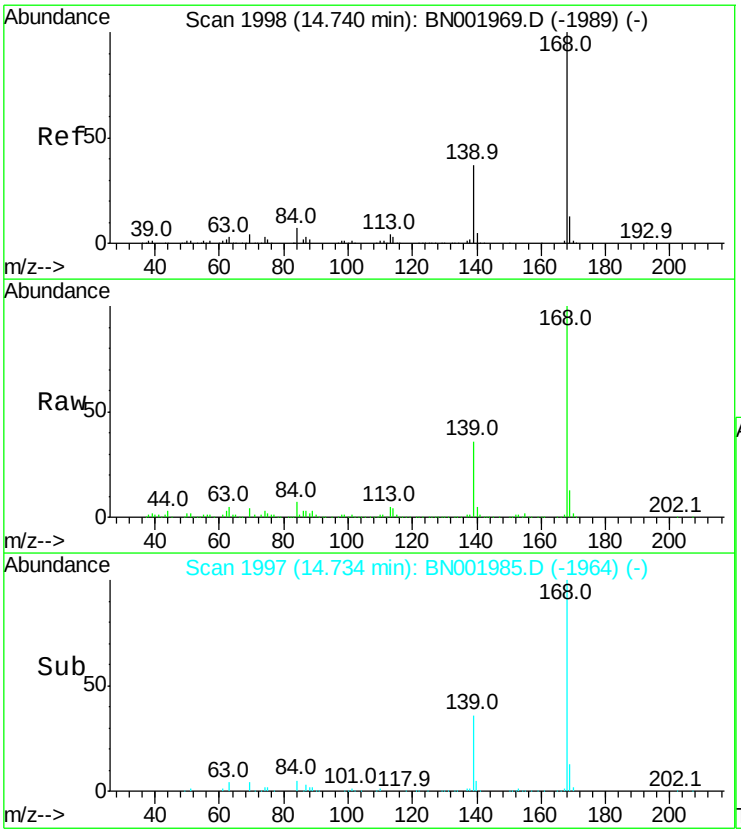
#49
Acenaphthene
Concen: 1.175 ng/ul
RT: 14.40 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BN001985.D
Acq: 06 Jul 2018 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 121100

Ion	Ratio	Lower	Upper
153	100		
152	47.7	37.9	56.9
154	85.0	69.8	104.6

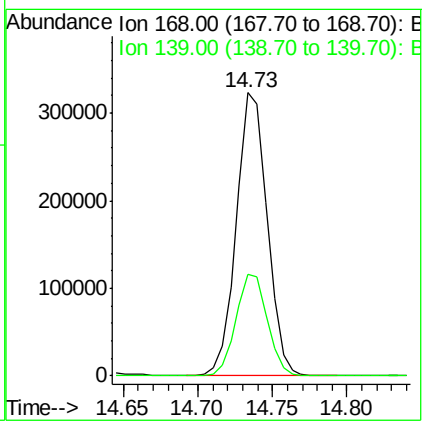


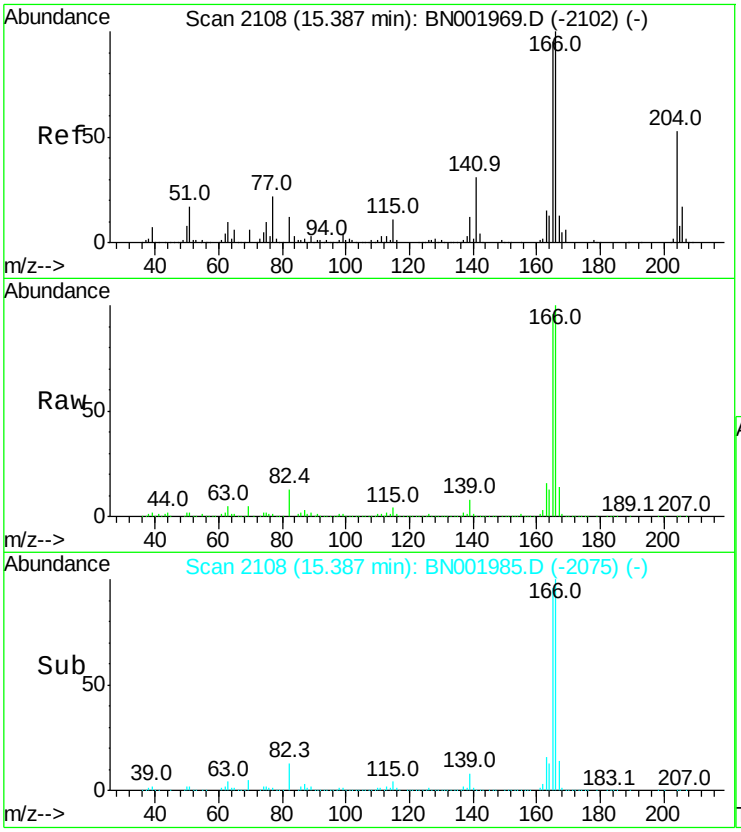


#53
Dibenzofuran
Concen: 3.138 ng/ul
RT: 14.73 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BN001985.D
Acq: 06 Jul 2018 12:17

Tgt Ion:168 Resp: 464109

Ion	Ratio	Lower	Upper
168	100		
139	36.1	31.0	46.4



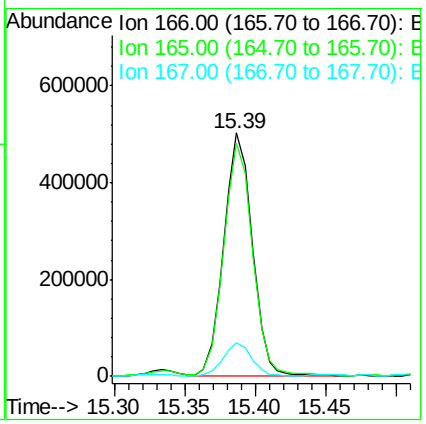


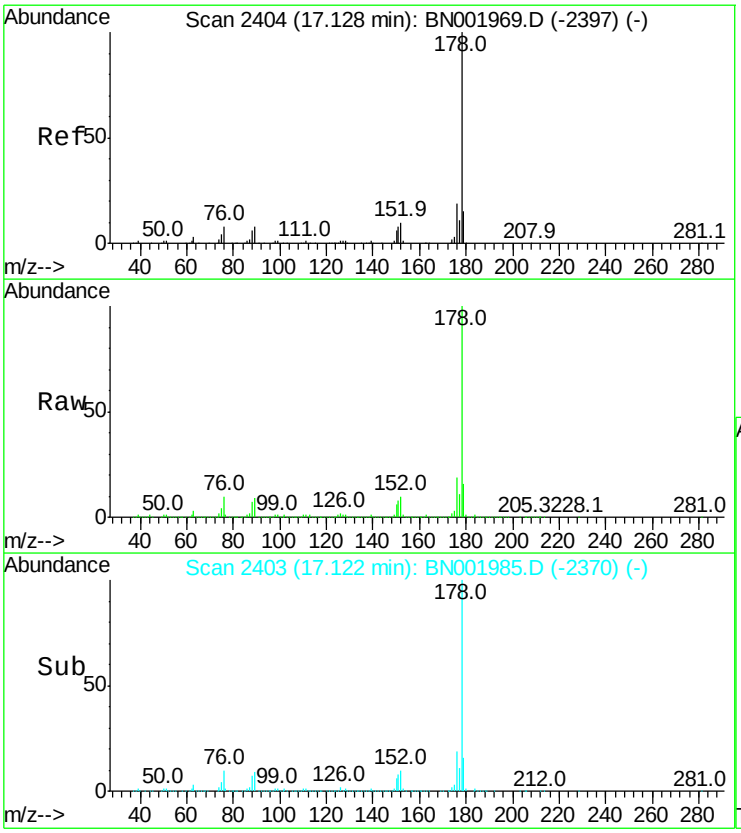
#58
Fluorene
Concen: 5.947 ng/ul
RT: 15.39 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BN001985.D
Acq: 06 Jul 2018 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 701670

Ion	Ratio	Lower	Upper
166	100		
165	96.0	78.4	117.6
167	14.0	11.1	16.7

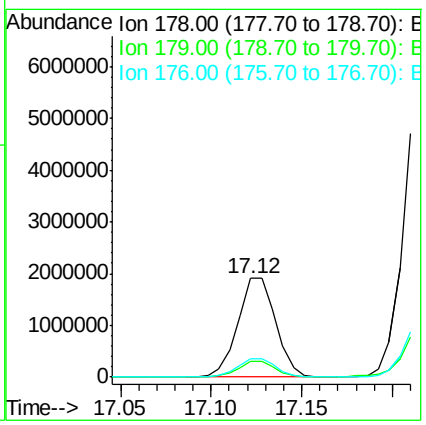


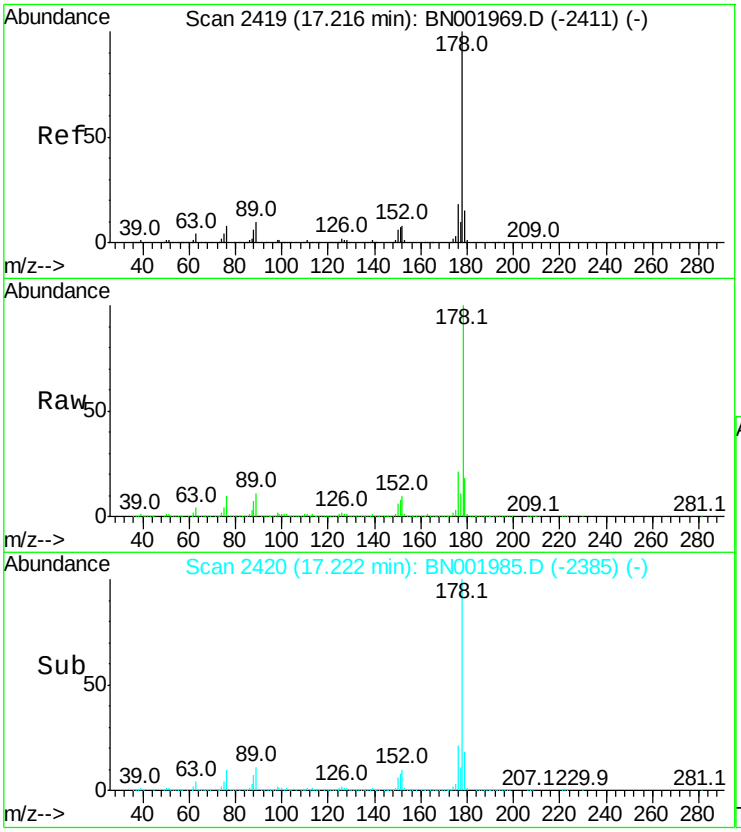


#69
Phenanthrene
Concen: 16.378 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BN001985.D
Acq: 06 Jul 2018 12:17

Tgt Ion:178 Resp: 2772257

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	18.8	15.4	23.0



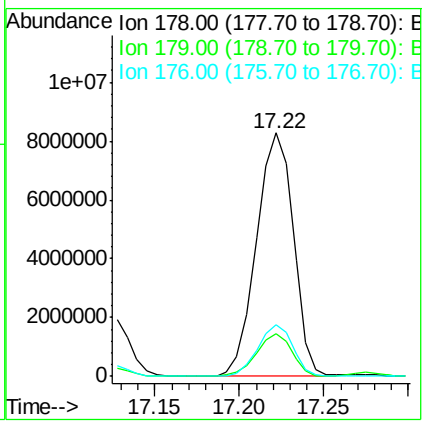


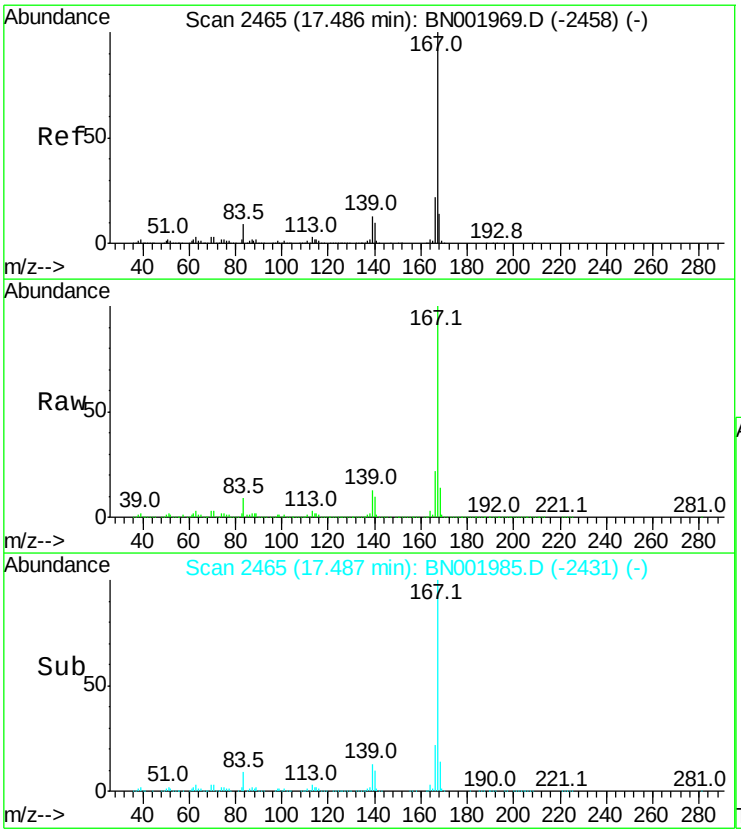
#71
Anthracene
Concen: 73.463 ng/ul
RT: 17.22 min Scan# 2420
Delta R.T. 0.01 min
Lab File: BN001985.D
Acq: 06 Jul 2018 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp:12587221

Ion	Ratio	Lower	Upper
178	100		
179	17.6	13.4	20.2
176	21.2	15.4	23.0

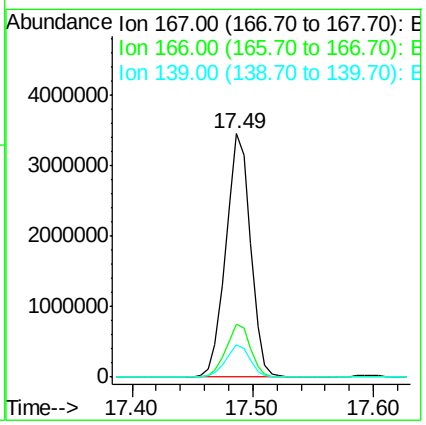


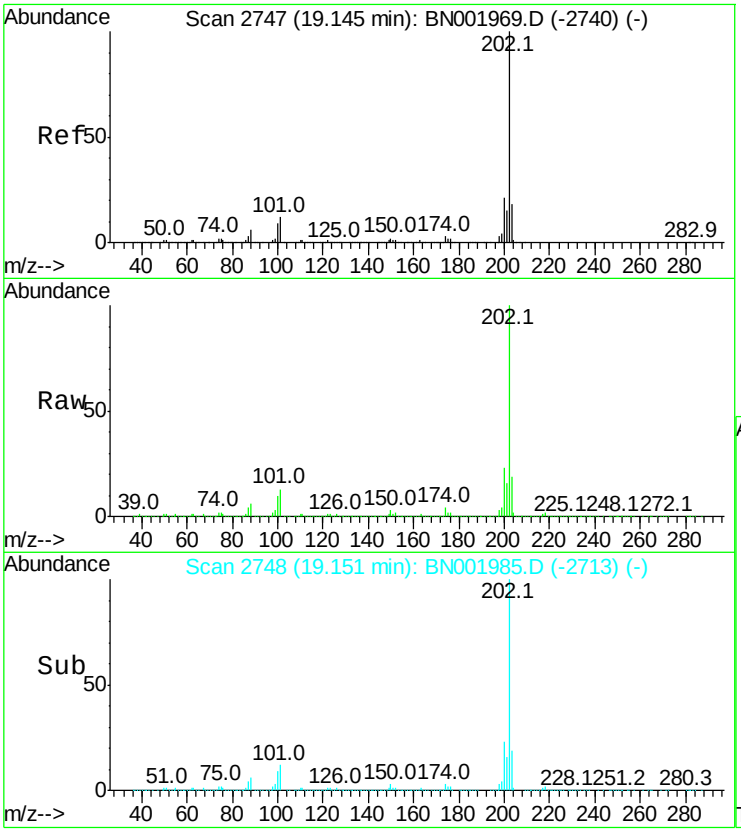


#72
Carbazole
Concen: 34.195 ng/ul
RT: 17.49 min Scan# 2465
Delta R.T. 0.00 min
Lab File: BN001985.D
Acq: 06 Jul 2018 12:17

Tgt Ion:167 Resp: 4907950

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.4
139	13.1	9.1	13.7



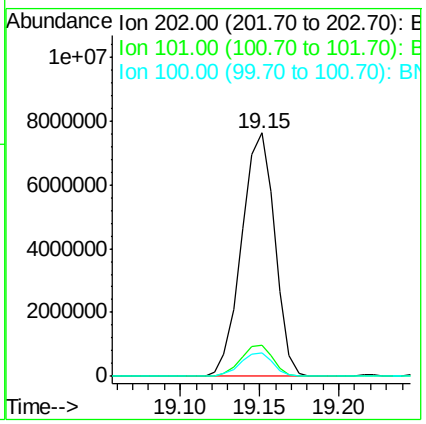


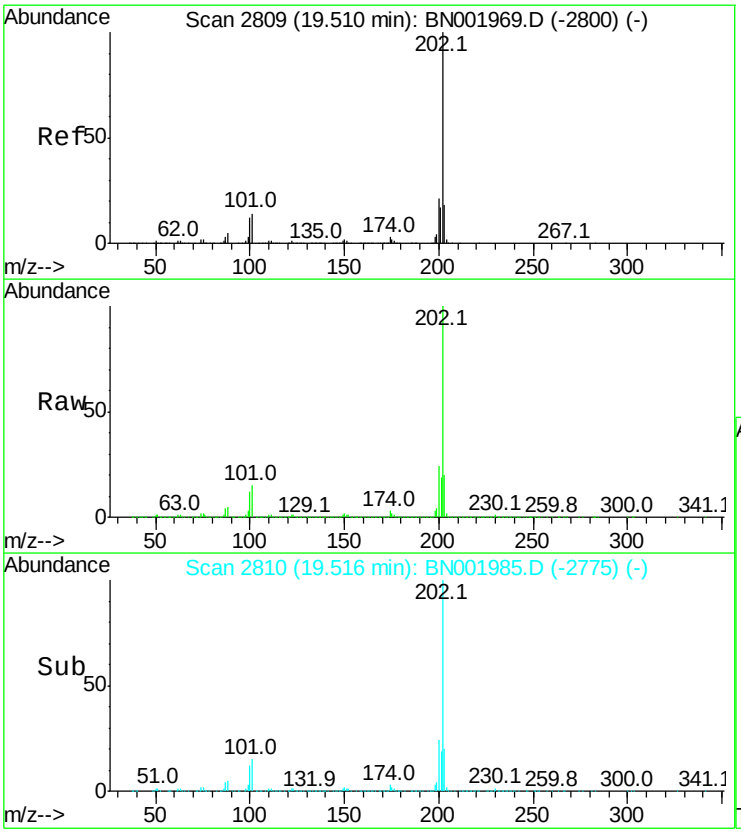
#74
Fluoranthene
Concen: 62.272 ng/ul
RT: 19.15 min Scan# 2748
Delta R.T. 0.01 min
Lab File: BN001985.D
Acq: 06 Jul 2018 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp:11079945

Ion	Ratio	Lower	Upper
202	100		
101	12.6	6.1	9.1#
100	9.5	4.6	7.0#

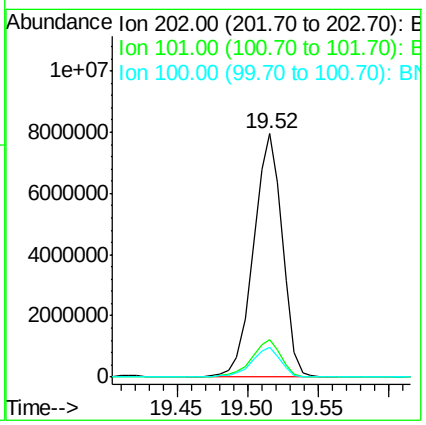


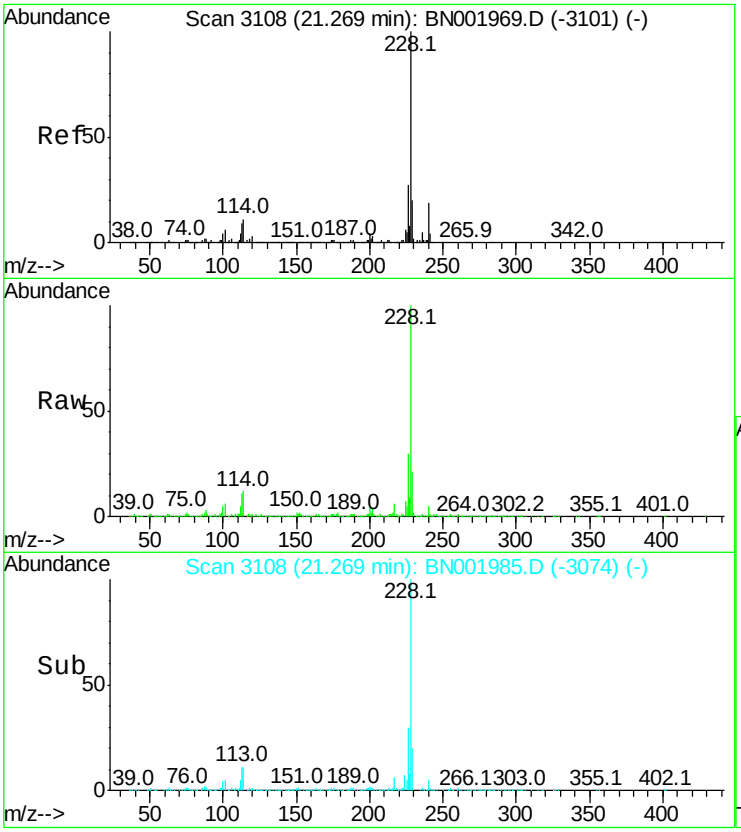


#77
Pyrene
Concen: 93.782 ng/ul
RT: 19.52 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BN001985.D
Acq: 06 Jul 2018 12:17

Tgt Ion:202 Resp:11438632

Ion	Ratio	Lower	Upper
202	100		
101	15.3	6.9	10.3#
100	12.4	5.6	8.4#



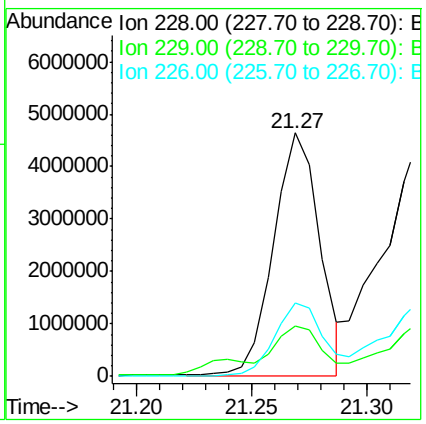


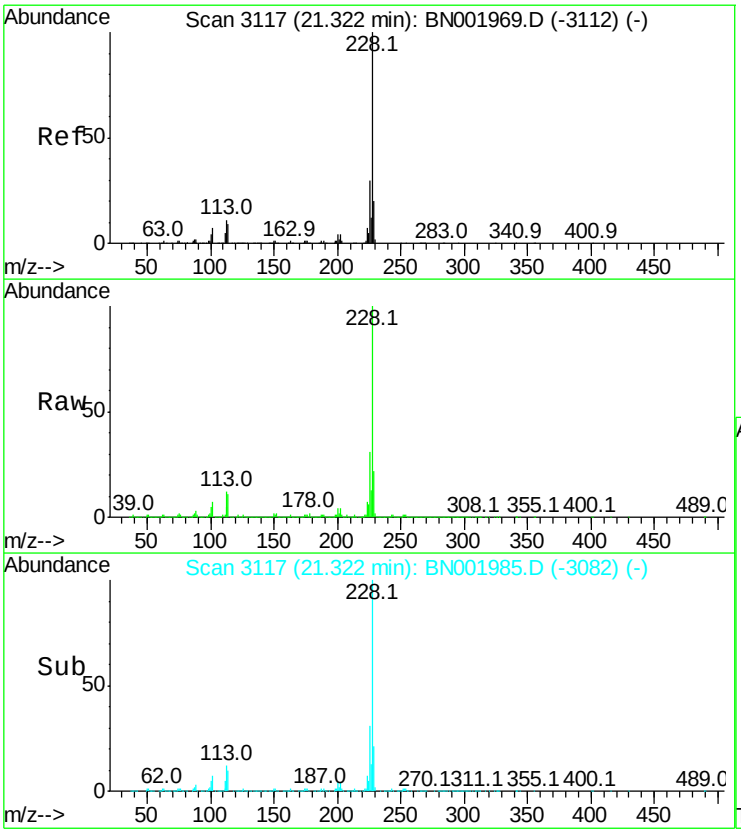
#80
Benzo(a)anthracene
Concen: 52.179 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BN001985.D
Acq: 06 Jul 2018 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 6427351

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.0	24.0
226	30.3	21.8	32.8

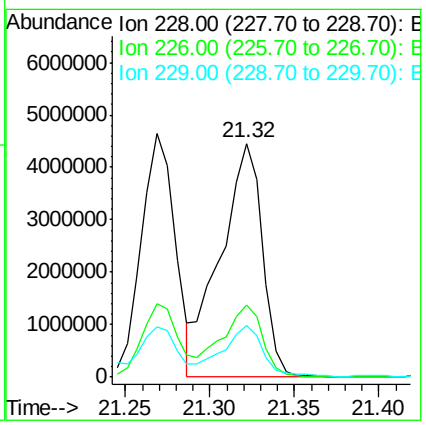


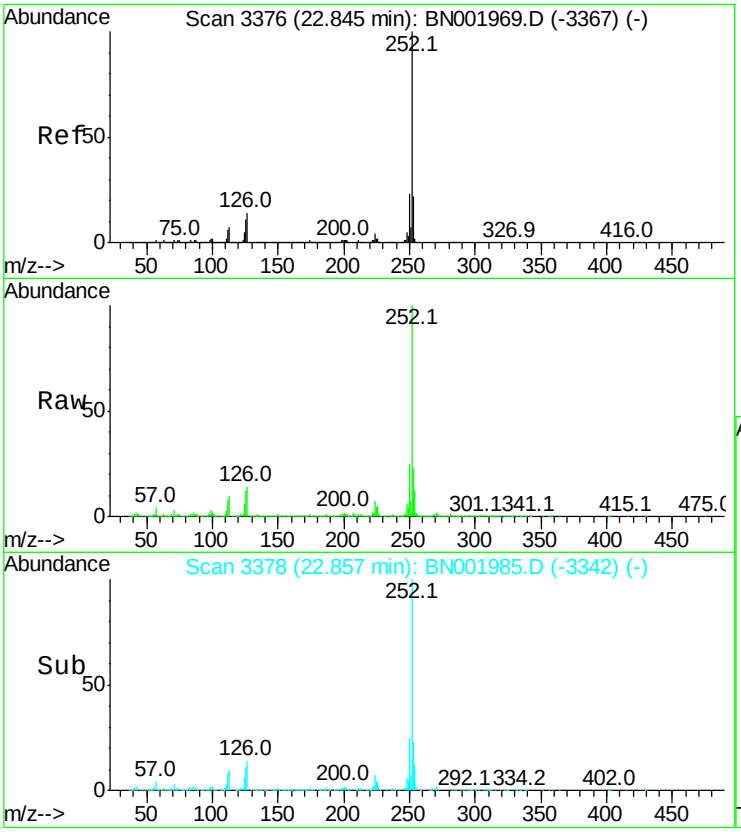


#82
Chrysene
Concen: 66.706 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BN001985.D
Acq: 06 Jul 2018 12:17

Tgt Ion:228 Resp: 7645288

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.1	36.1
229	21.8	16.0	24.0



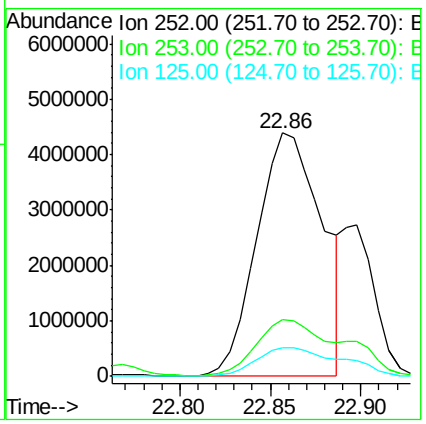


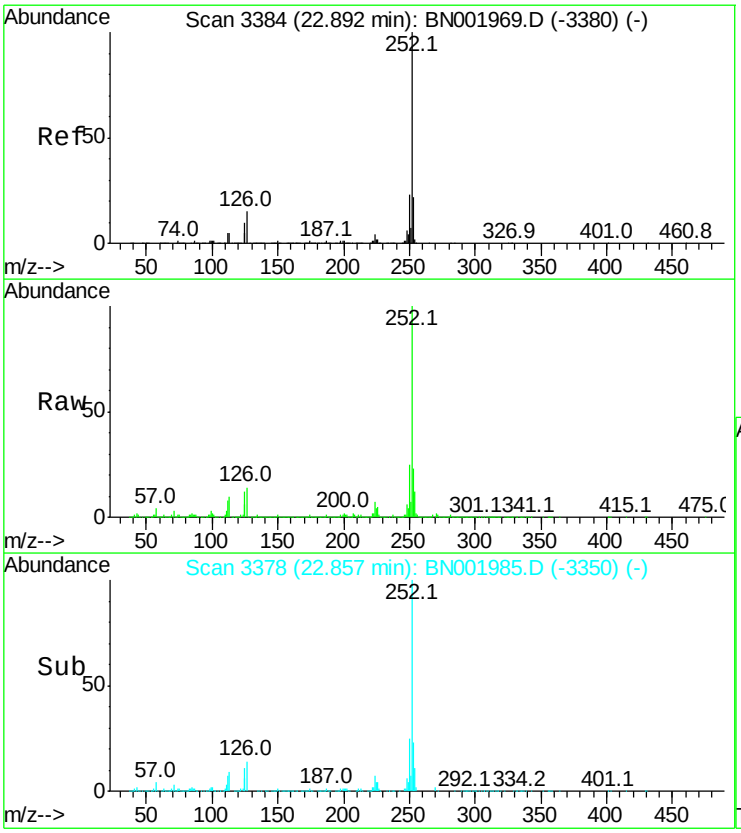
#85
Benzo(b)fluoranthene
Concen: 86.025 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. 0.01 min
Lab File: BN001985.D
Acq: 06 Jul 2018 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp:10974716

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	11.6	4.9	7.3#

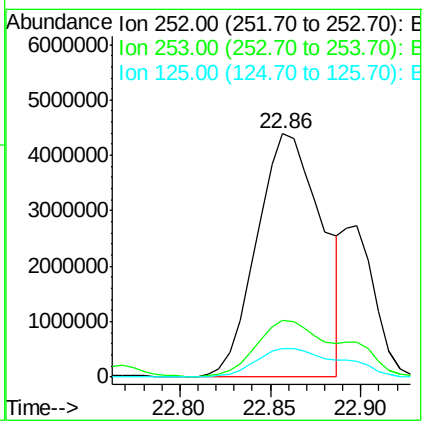


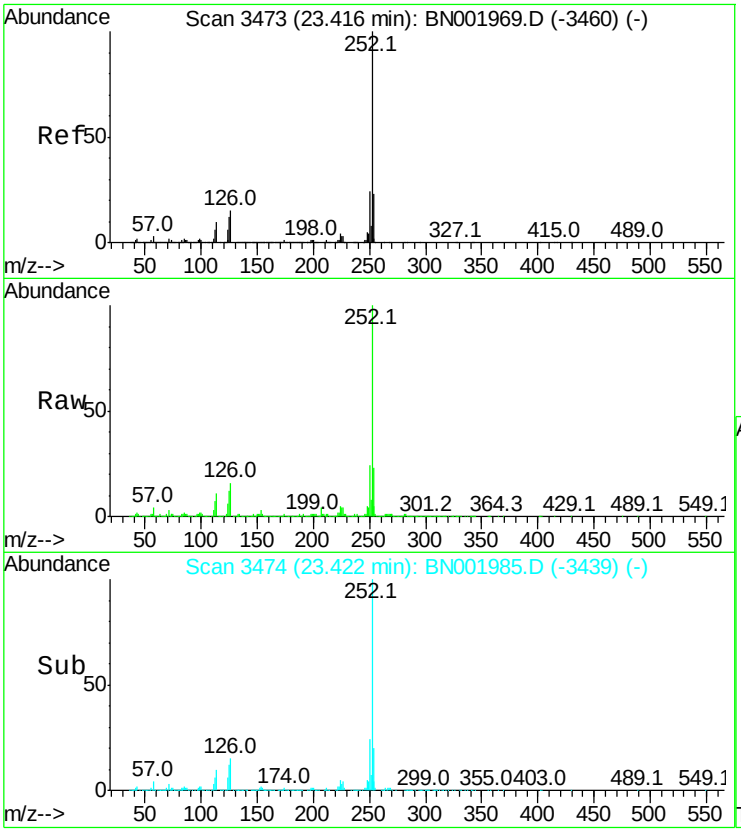


#86
Benzo(k)fluoranthene
Concen: 88.712 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. -0.04 min
Lab File: BN001985.D
Acq: 06 Jul 2018 12:17

Tgt Ion:252 Resp:10974716

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	11.6	5.4	8.0#



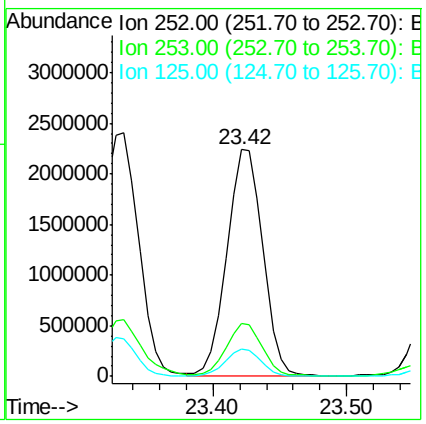


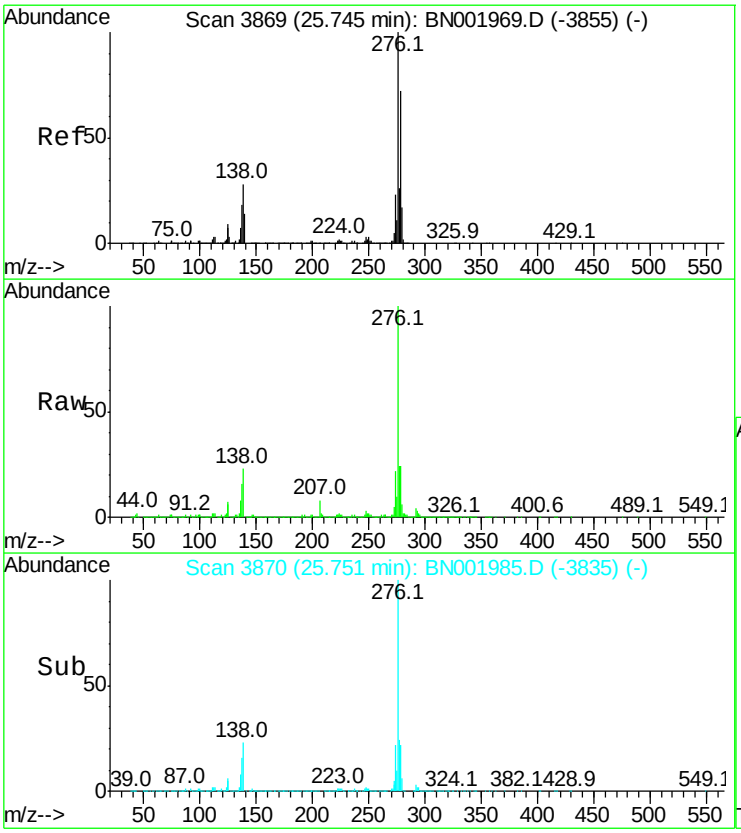
#88
Benzo(a)pyrene
Concen: 34.865 ng/ul
RT: 23.42 min Scan# 3474
Delta R.T. 0.01 min
Lab File: BN001985.D
Acq: 06 Jul 2018 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 4156528

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	12.1	5.8	8.6#

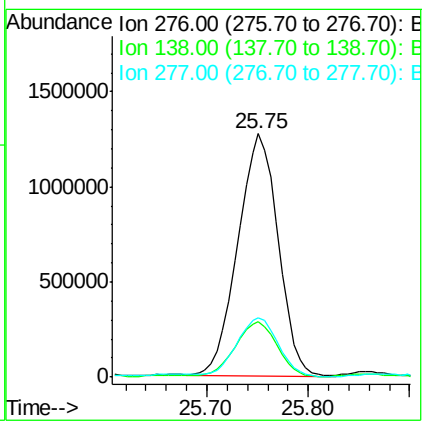


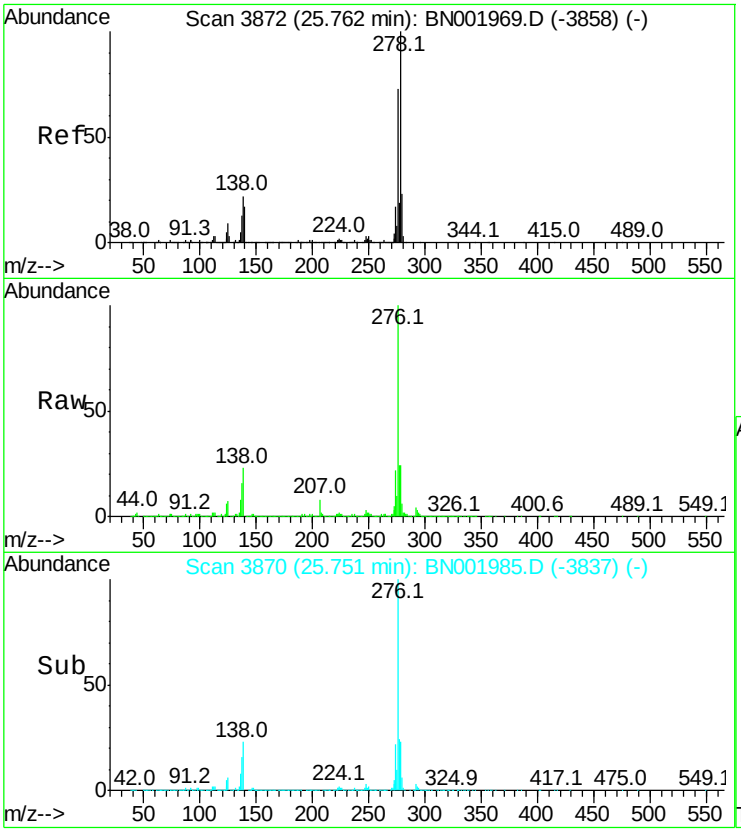


#89
Indeno(1,2,3-cd)pyrene
Concen: 27.733 ng/ul
RT: 25.75 min Scan# 3870
Delta R.T. 0.01 min
Lab File: BN001985.D
Acq: 06 Jul 2018 12:17

Tgt Ion:276 Resp: 3518073

Ion	Ratio	Lower	Upper
276	100		
138	22.7	10.9	16.3#
277	24.5	18.9	28.3



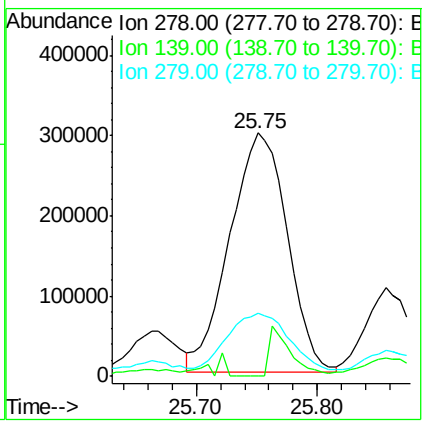


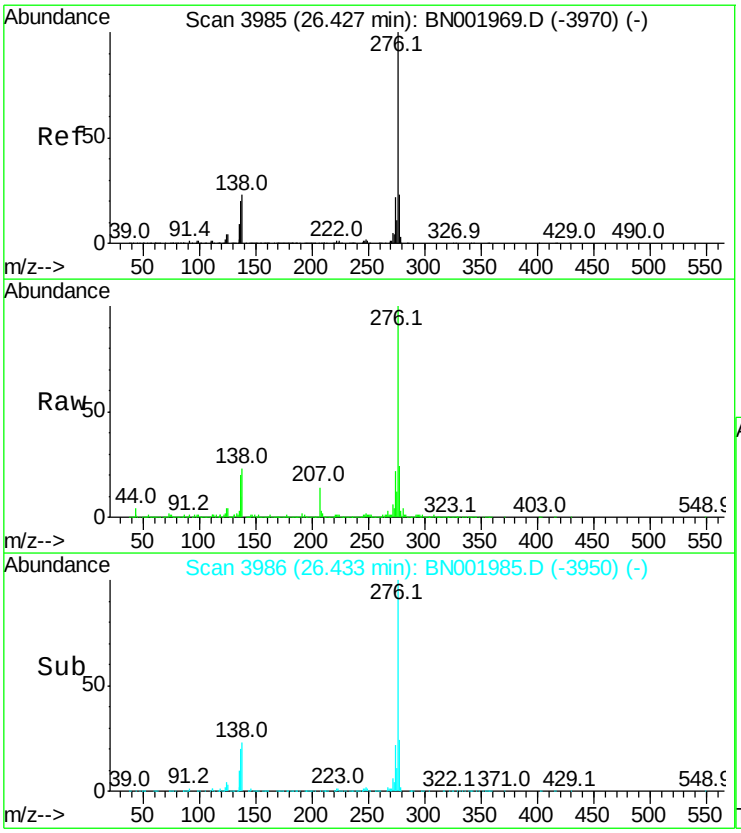
#90
Dibenzo(a,h)anthracene
Concen: 9.311 ng/ul
RT: 25.75 min Scan# 3870
Delta R.T. -0.01 min
Lab File: BN001985.D
Acq: 06 Jul 2018 12:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 983047

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.0	13.4#
279	25.8	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 21.640 ng/ul
RT: 26.43 min Scan# 3986
Delta R.T. 0.01 min
Lab File: BN001985.D
Acq: 06 Jul 2018 12:17

Tgt Ion:276 Resp: 2264465

Ion	Ratio	Lower	Upper
276	100		
138	23.4	11.2	16.8#
277	24.2	19.0	28.6