Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\

Quantitation Report (Not Reviewed)

Data File : BN004297.D
Acq On : 29 Dec 2018 12:39
Operator : JU/SJ
Sample : J6428-14
Misc : GCMS Confirmation
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41W7

Quant Time: Dec 30 22:17:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 03:12:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	30289	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	143801	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	97031	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	218005	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	236651	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	225049	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.45	176	401	0.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.21	188	218005	19.79	ng/ul	-0.10
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	23.72	264	218588	17.90	ng/ul	0.15
Target Compounds						Qvalue
28) Naphthalene	10.66	128	64420	8.350	ng/ul	100
30) 4-Chloroaniline	10.66	127	8200	3.646	ng/ul#	9
34) 2-Methylnaphthalene	12.27	142	25946	4.465	ng/ul	99
40) 1,1'-Biphenyl	13.29	154	11162	1.415	ng/ul	99
49) Acenaphthene	14.52	153	53352	7.653	ng/ul	99
53) Dibenzofuran	14.86	168	117593	11.884	ng/ul	99
58) Fluorene	15.51	166	98688	11.978	ng/ul	99
69) Phenanthrene	17.26	178	1548923	122.969	ng/ul	99
71) Anthracene	17.34	178	111706	8.651	ng/ul	99
76) Fluoranthene	19.27	202	1508976	97.735	ng/ul	99
79) Pyrene	19.63	202	843369	63.790	ng/ul	99
82) Benzo(a)anthracene	21.38	228	473892	32.113	ng/ul	100
84) Chrysene	21.43	228	505838	36.596	ng/ul	99
87) Benzo(b)fluoranthene	23.02	252	247682	18.373	ng/ul	98
88) Benzo(k)fluoranthene	23.02	252	247682	19.621	ng/ul#	97
92) Dibenzo(a,h)anthracene	26.08	278	16251	1.155	ng/ul	96

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

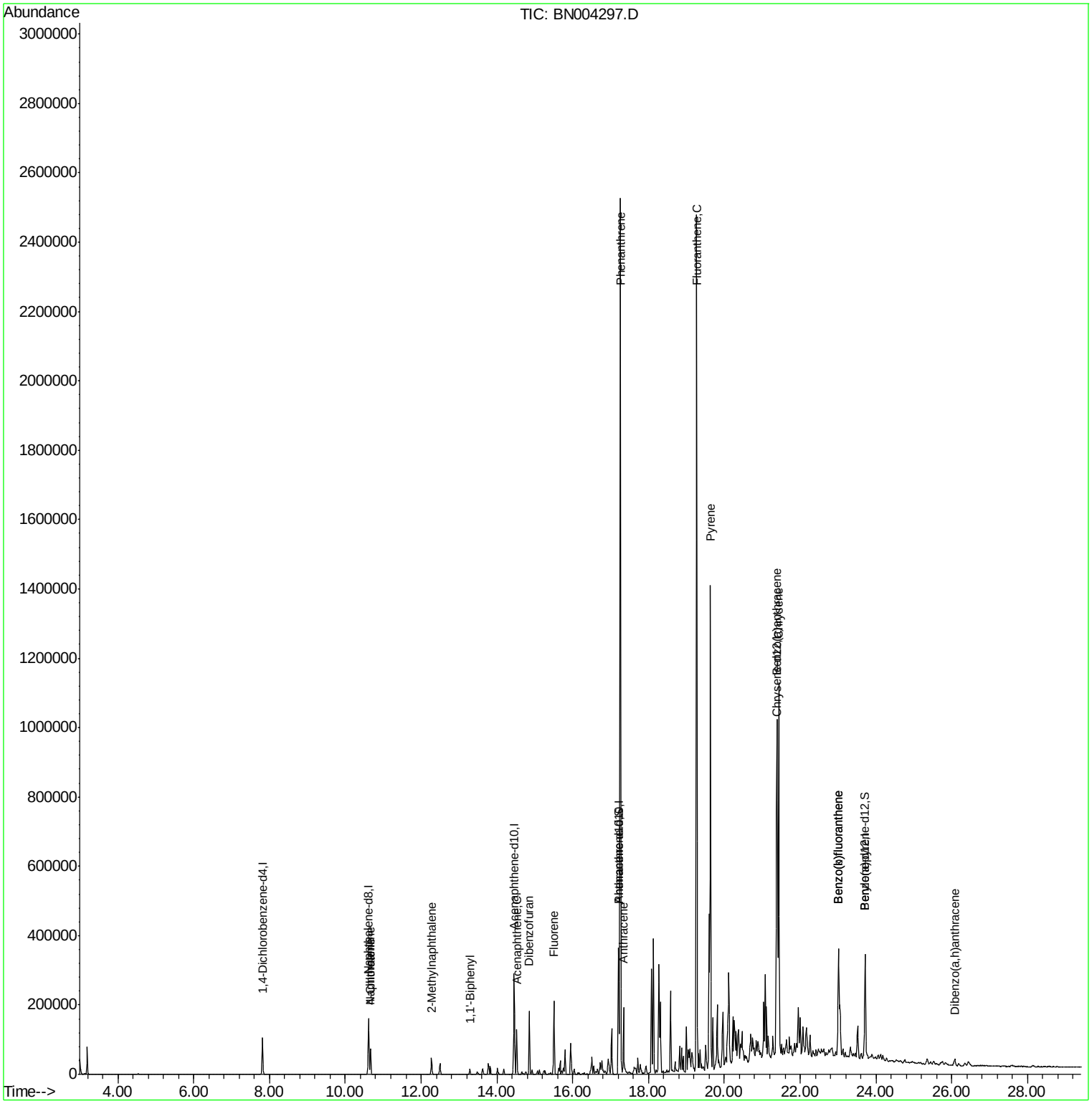
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\

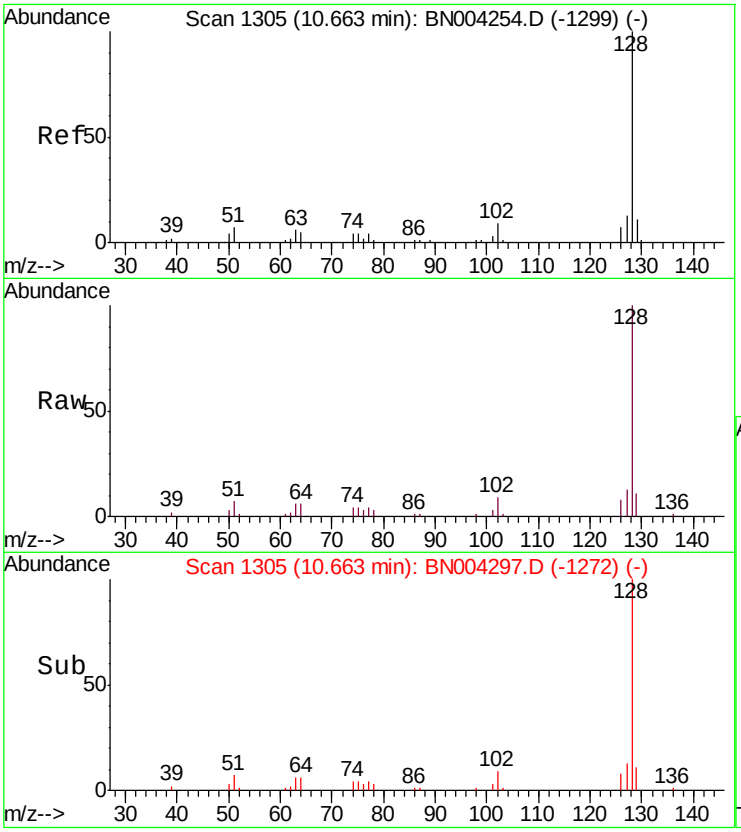
Quantitation Report (Not Reviewed)

Data File : BN004297.D
Acq On : 29 Dec 2018 12:39
Operator : JU/SJ
Sample : J6428-14
Misc : GCMS Confirmation
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41W7

Quant Time: Dec 30 22:17:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 03:12:04 2018
Response via : Initial Calibration



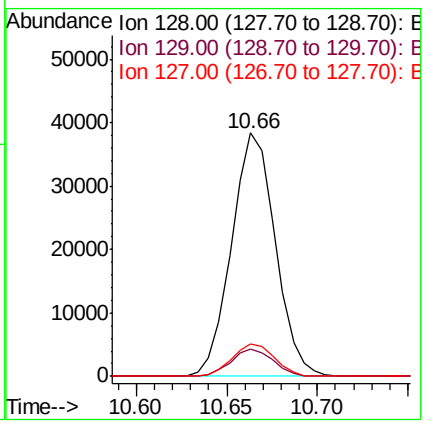


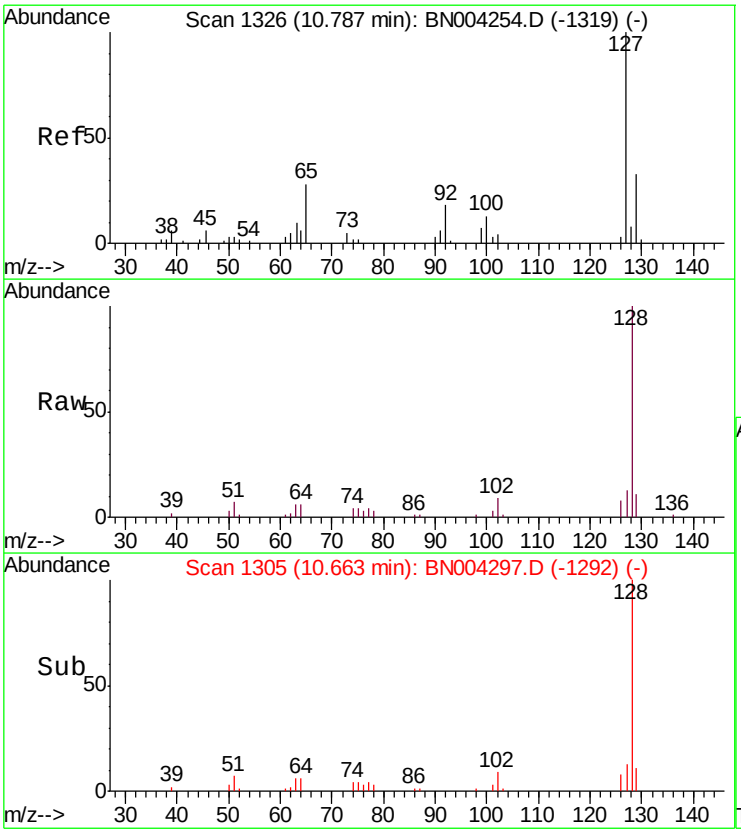
#28
Naphthalene
Concen: 8.350 ng/ul
RT: 10.66 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BN004297.D
Acq: 29 Dec 2018 12:39

Instrument :
BNA_N
ClientSampleId :
A41W7

Tgt Ion:128 Resp: 64420

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.3	10.6	16.0

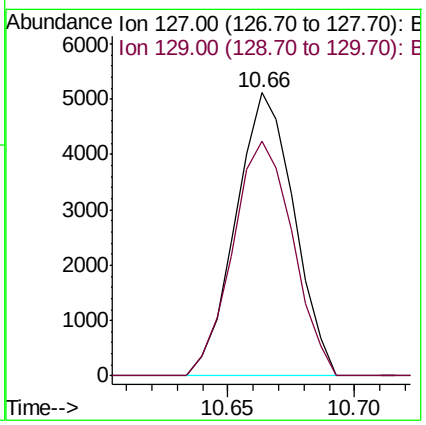


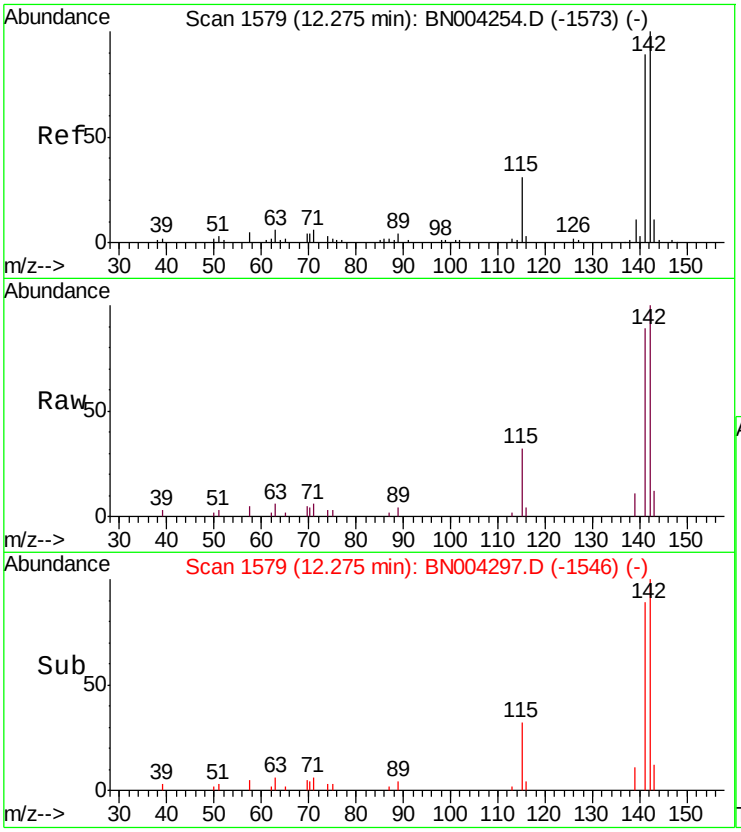


#30
4-Chloroaniline
Concen: 3.646 ng/ul
RT: 10.66 min Scan# 1305
Delta R.T. -0.12 min
Lab File: BN004297.D
Acq: 29 Dec 2018 12:39

Tgt Ion:127 Resp: 8200

Ion	Ratio	Lower	Upper
127	100		
129	82.7	25.5	38.3#



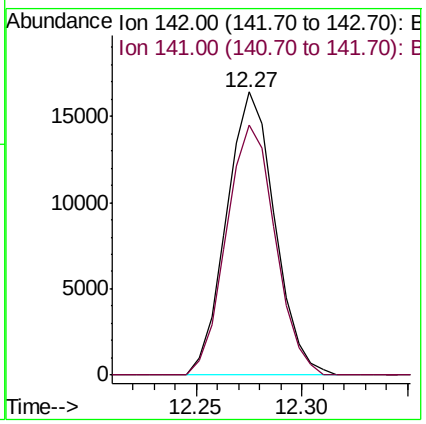


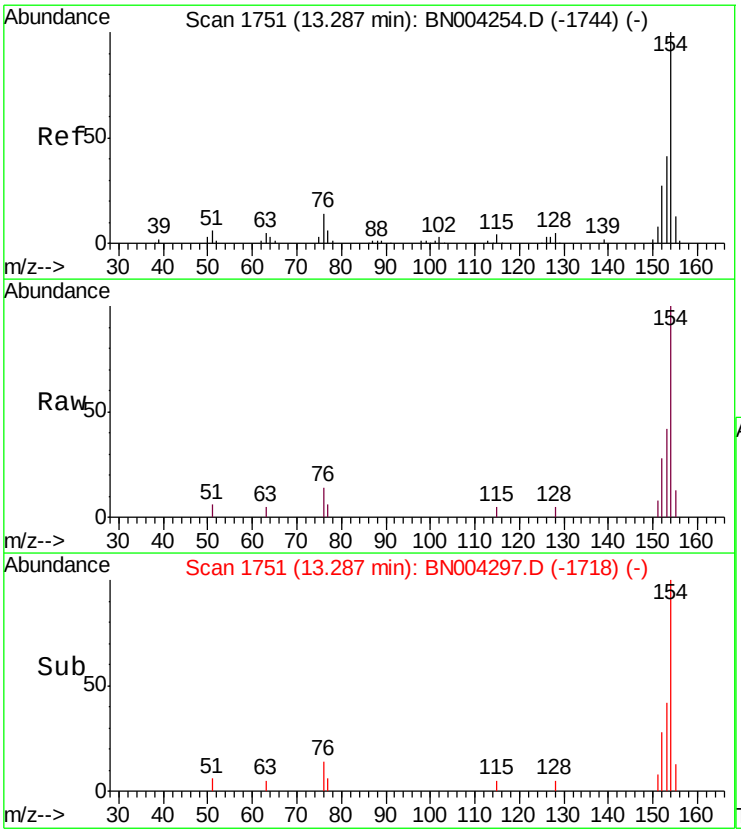
#34
2-Methylnaphthalene
Concen: 4.465 ng/ul
RT: 12.27 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN004297.D
Acq: 29 Dec 2018 12:39

Instrument :
BNA_N
ClientSampleId :
A41W7

Tgt Ion:142 Resp: 25946

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.2	105.2

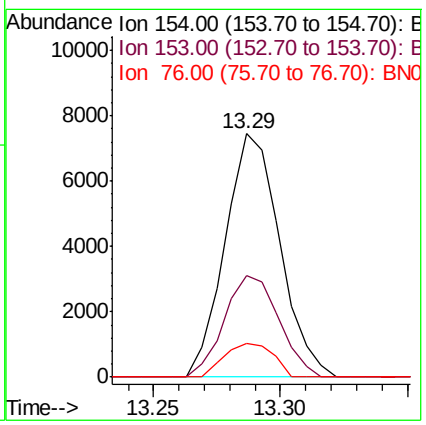


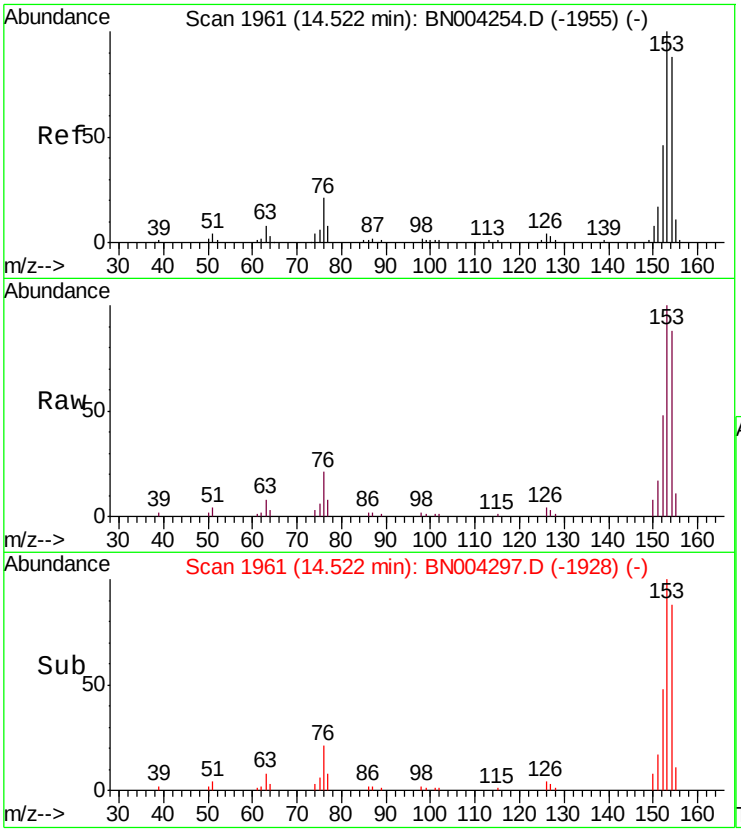


#40
1,1'-Biphenyl
Concen: 1.415 ng/ul
RT: 13.29 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BN004297.D
Acq: 29 Dec 2018 12:39

Tgt Ion:154 Resp: 11162

Ion	Ratio	Lower	Upper
154	100		
153	41.8	33.1	49.7
76	14.0	10.6	16.0



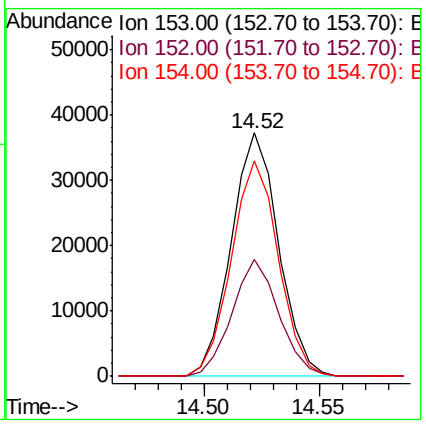


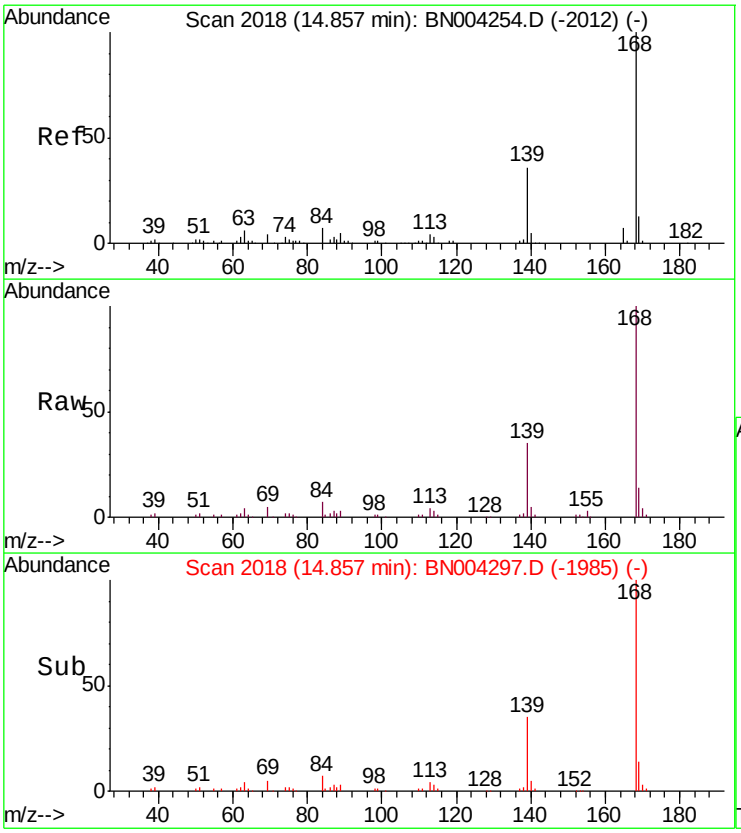
#49
Acenaphthene
Concen: 7.653 ng/ul
RT: 14.52 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BN004297.D
Acq: 29 Dec 2018 12:39

Instrument :
BNA_N
ClientSampleId :
A41W7

Tgt Ion:153 Resp: 53352

Ion	Ratio	Lower	Upper
153	100		
152	47.8	37.8	56.6
154	88.4	71.0	106.6

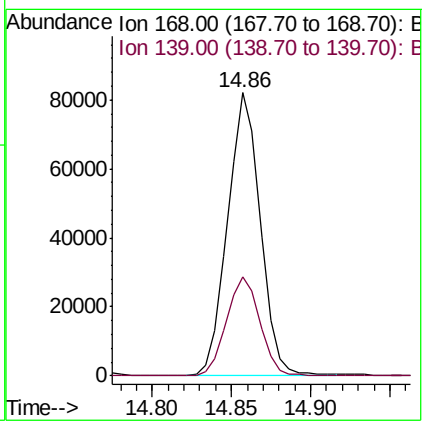


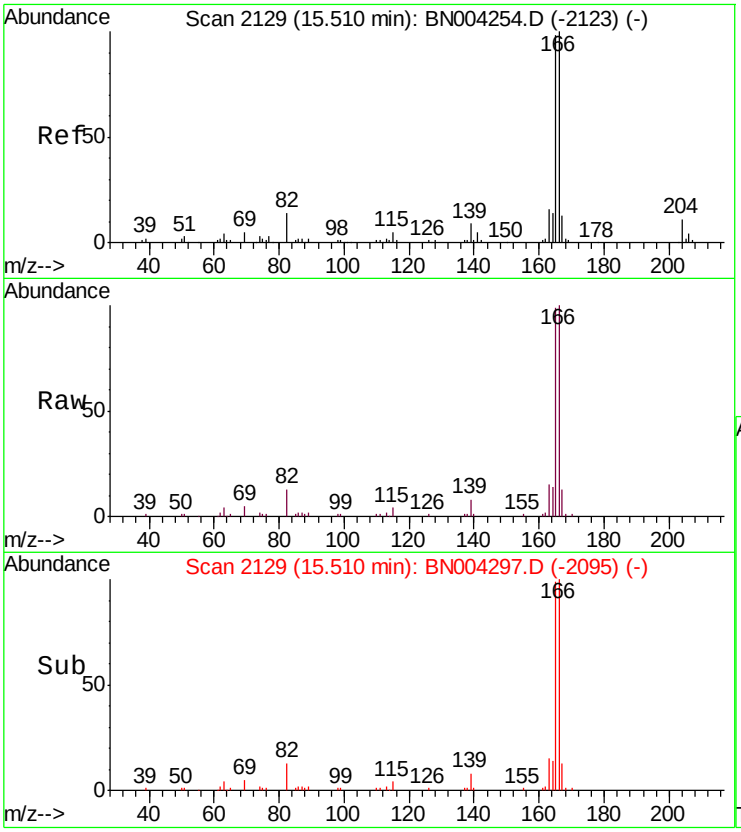


#53
Dibenzofuran
Concen: 11.884 ng/ul
RT: 14.86 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BN004297.D
Acq: 29 Dec 2018 12:39

Tgt Ion:168 Resp: 117593

Ion	Ratio	Lower	Upper
168	100		
139	35.1	28.8	43.2



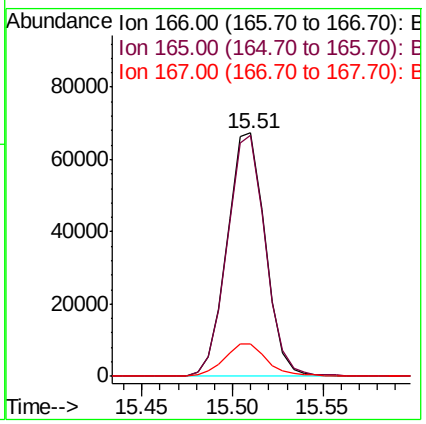


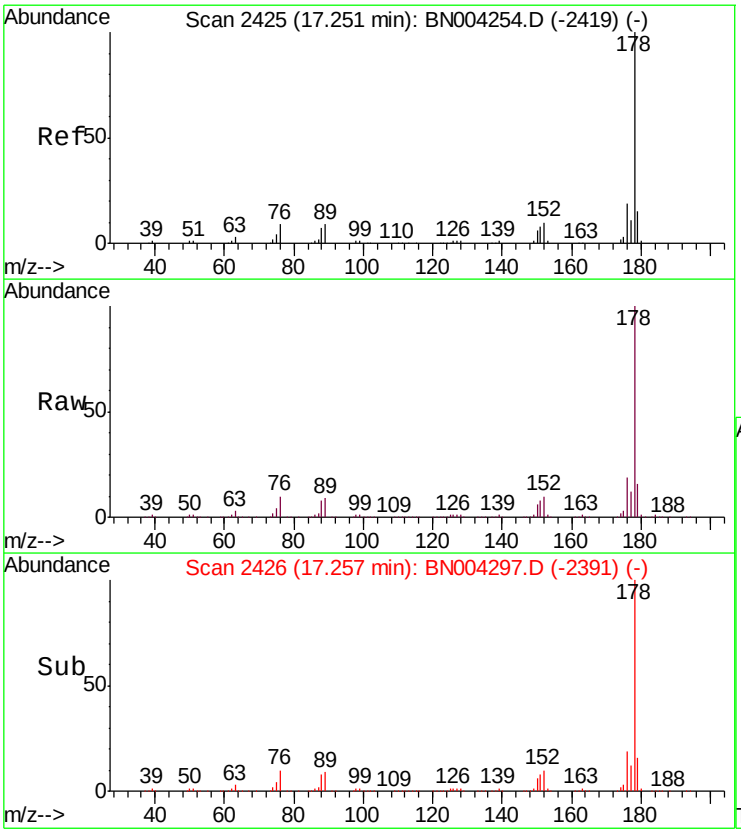
#58
Fluorene
Concen: 11.978 ng/ul
RT: 15.51 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BN004297.D
Acq: 29 Dec 2018 12:39

Instrument :
BNA_N
ClientSampleId :
A41W7

Tgt Ion:166 Resp: 98688

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	117.8
167	13.4	10.3	15.5

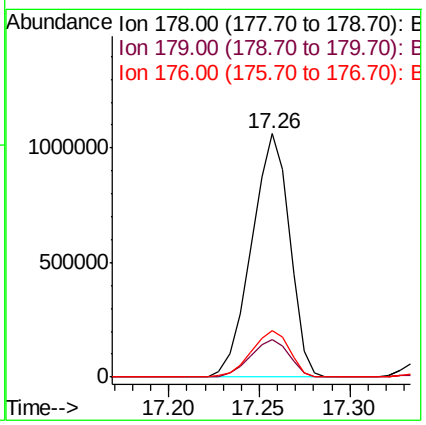


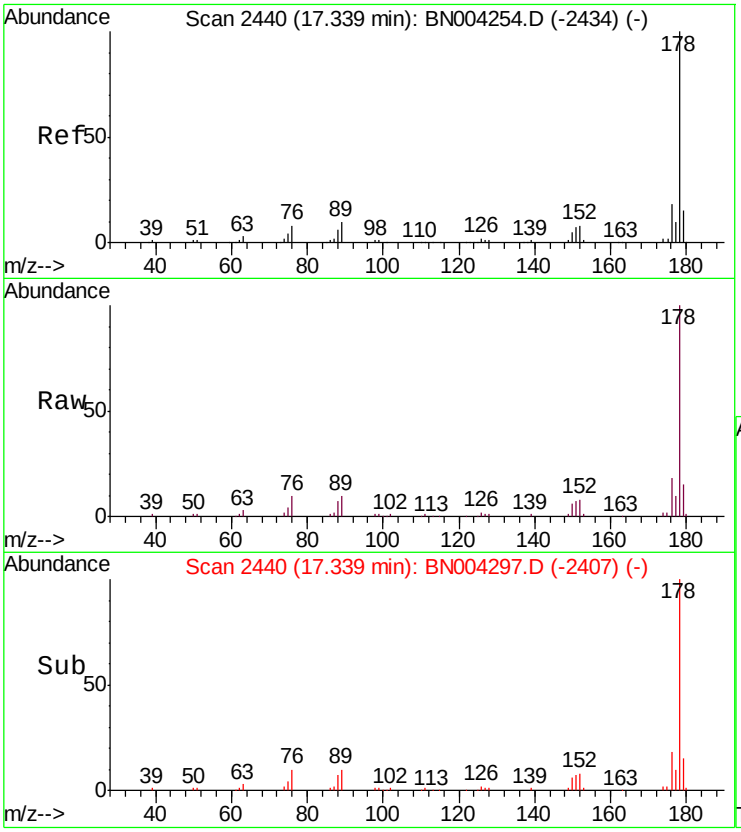


#69
Phenanthrene
Concen: 122.969 ng/ul
RT: 17.26 min Scan# 2426
Delta R.T. 0.01 min
Lab File: BN004297.D
Acq: 29 Dec 2018 12:39

Tgt Ion:178 Resp: 1548923

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	19.2	15.0	22.6



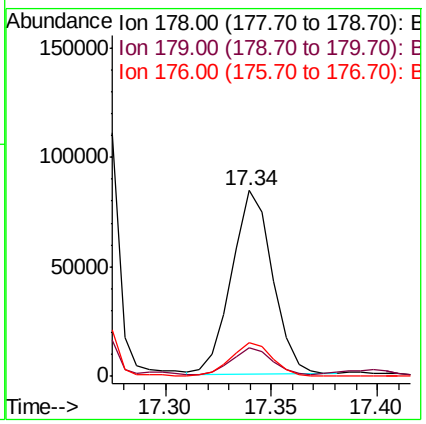


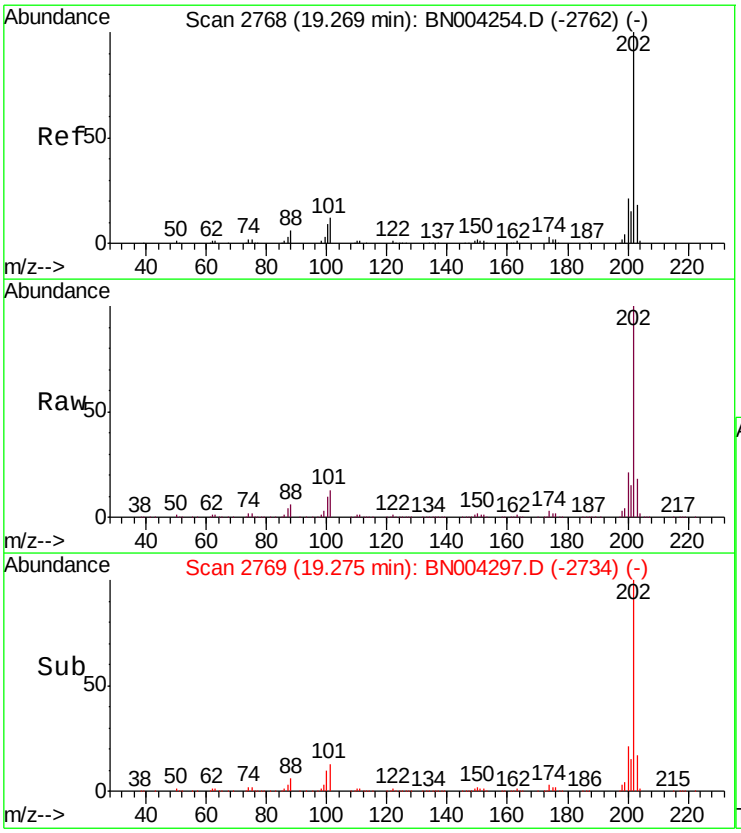
#71
Anthracene
Concen: 8.651 ng/ul
RT: 17.34 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BN004297.D
Acq: 29 Dec 2018 12:39

Instrument :
BNA_N
ClientSampleId :
A41W7

Tgt Ion:178 Resp: 111706

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	18.4	15.2	22.8

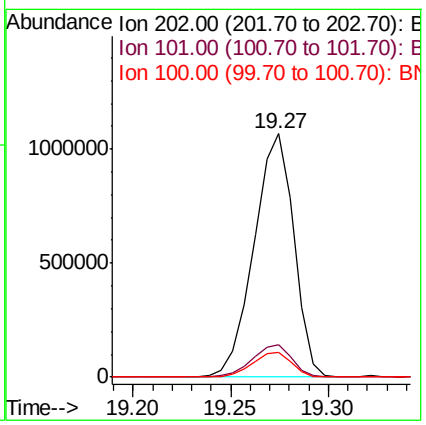


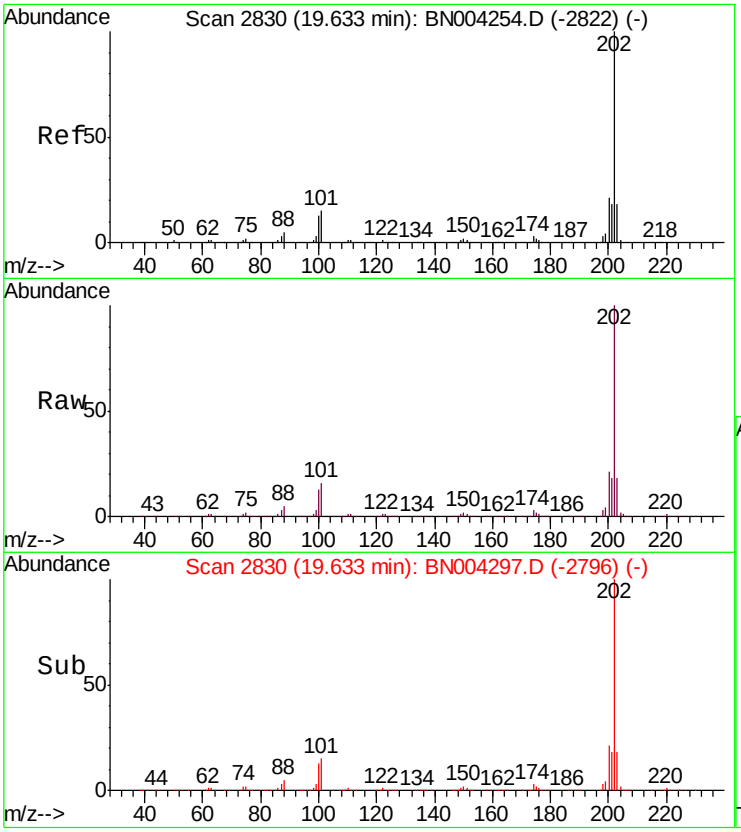


#76
Fluoranthene
Concen: 97.735 ng/ul
RT: 19.27 min Scan# 2769
Delta R.T. 0.01 min
Lab File: BN004297.D
Acq: 29 Dec 2018 12:39

Tgt Ion:202 Resp: 1508976

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.2	15.2
100	10.1	7.8	11.8



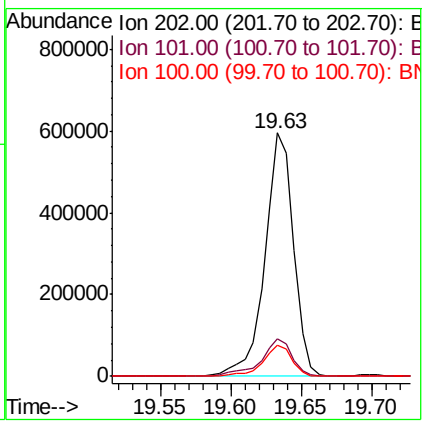


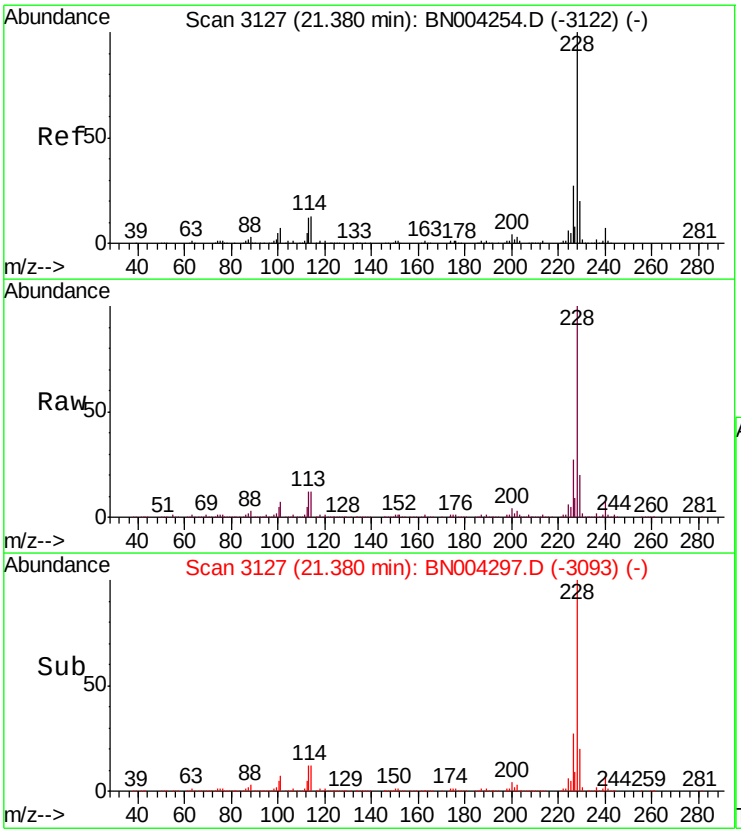
#79
Pyrene
Concen: 63.790 ng/ul
RT: 19.63 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BN004297.D
Acq: 29 Dec 2018 12:39

Instrument :
BNA_N
ClientSampleId :
A41W7

Tgt Ion:202 Resp: 843369

Ion	Ratio	Lower	Upper
202	100		
101	15.5	12.2	18.2
100	12.6	9.9	14.9

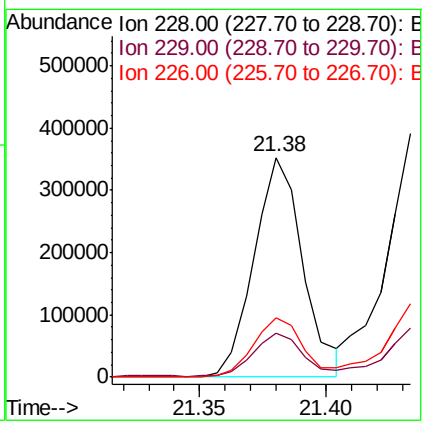


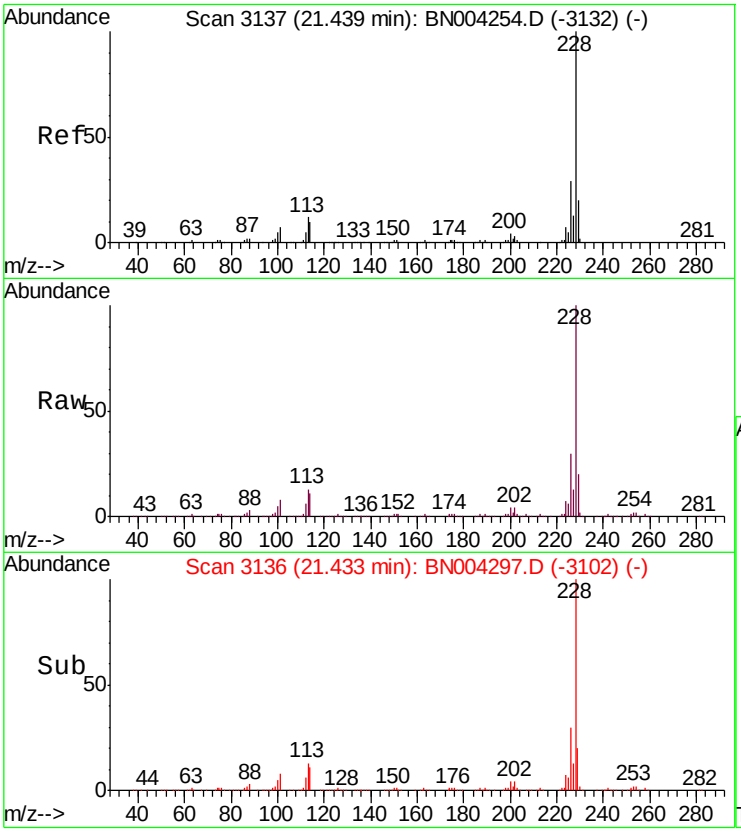


#82
Benzo(a)anthracene
Concen: 32.113 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BN004297.D
Acq: 29 Dec 2018 12:39

Tgt Ion:228 Resp: 473892

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.9	23.9
226	26.8	21.4	32.2



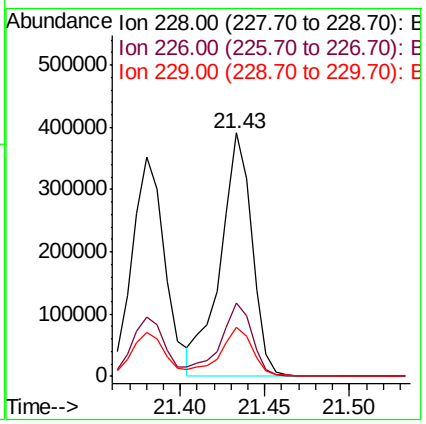


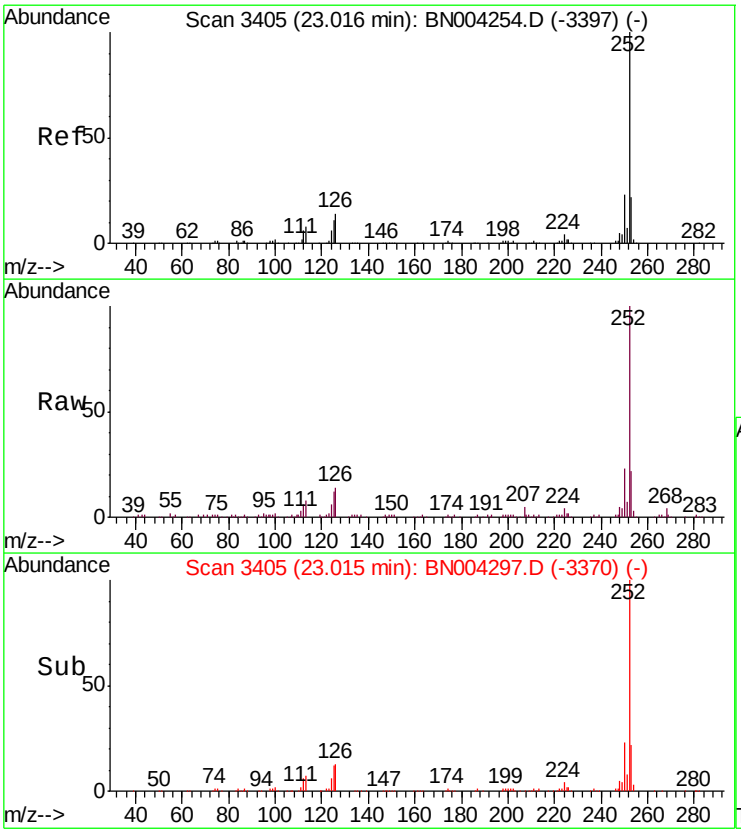
#84
Chrysene
Concen: 36.596 ng/ul
RT: 21.43 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BN004297.D
Acq: 29 Dec 2018 12:39

Instrument :
BNA_N
ClientSampleId :
A41W7

Tgt Ion:228 Resp: 505838

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.8
229	20.1	15.8	23.6

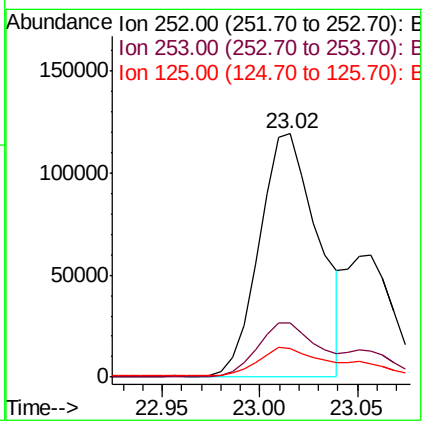


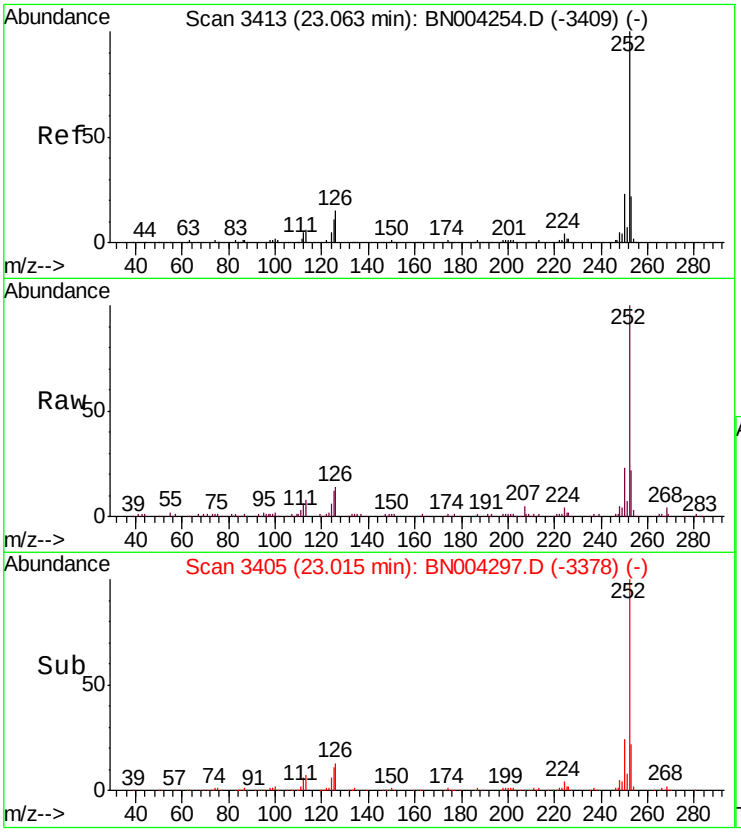


#87
Benzo(b)fluoranthene
Concen: 18.373 ng/ul
RT: 23.02 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BN004297.D
Acq: 29 Dec 2018 12:39

Tgt Ion:252 Resp: 247682

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	12.0	8.2	12.4



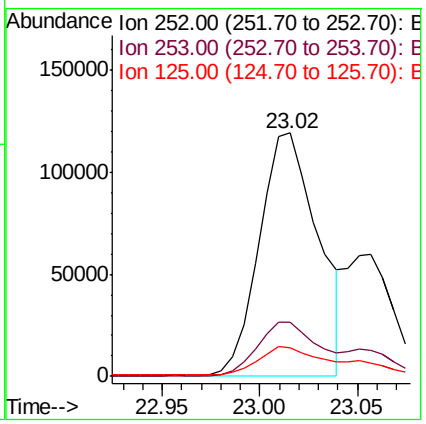


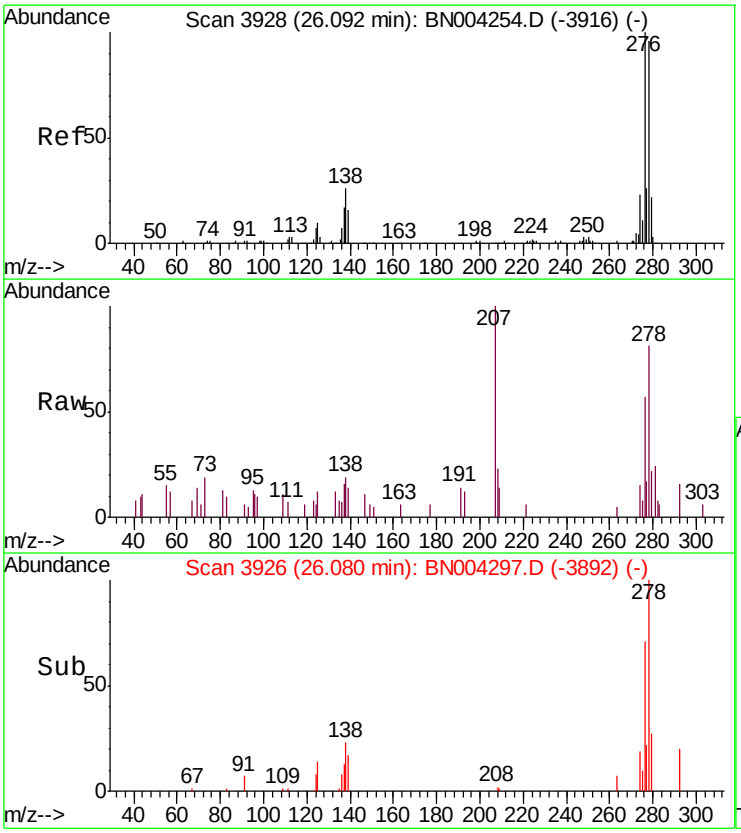
#88
Benzo(k)fluoranthene
Concen: 19.621 ng/ul
RT: 23.02 min Scan# 3405
Delta R.T. -0.04 min
Lab File: BN004297.D
Acq: 29 Dec 2018 12:39

Instrument :
BNA_N
ClientSampleId :
A41W7

Tgt Ion:252 Resp: 247682

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	12.0	7.9	11.9#





#92
Dibenzo(a,h)anthracene
Concen: 1.155 ng/ul
RT: 26.08 min Scan# 3926
Delta R.T. -0.00 min
Lab File: BN004297.D
Acq: 29 Dec 2018 12:39

Tgt Ion:278 Resp: 16251

Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.3	19.9
279	26.7	19.0	28.6