Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002949.D
Acq On : 05 Oct 2018 00:53
Operator : MJ/SJ
Sample : J5184-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 05 02:29:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 05 02:27:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	158197	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	731447	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	434315	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	927127	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	664694	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	629510	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	9310	2.71	ng/uL	0.00
5) Phenol-d5	6.82	99	244320	18.18	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.97	67	145198	17.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	201962	18.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	173521	16.68	ng/ul	0.01
19) Nitrobenzene-d5	8.78	128	103709	18.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	120910	18.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	214785	18.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	177038	13.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	660858	19.44	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	844875	19.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	88768	15.79	ng/ul	0.02
57) Fluorene-d10	15.26	176	596111	20.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	52042	8.97	ng/ul	0.00
70) Anthracene-d10	17.12	188	853085	19.27	ng/ul	0.00
78) Pyrene-d10	19.42	212	786745	22.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	630450	19.03	ng/ul	0.02
Target Compounds						Qvalue
4) Benzaldehyde	6.79	77	7912	1.077	ng/ul#	74
6) Phenol	6.85	94	36432	2.689	ng/ul	98
14) Acetophenone	8.45	105	28631	1.786	ng/ul	96
28) Naphthalene	10.45	128	45129	1.197	ng/ul	97
44) Dimethylphthalate	13.73	163	449713	13.554	ng/ul	100
49) Acenaphthene	14.33	153	54801	1.855	ng/ul	98
58) Fluorene	15.32	166	53217	1.636	ng/ul	96
69) Phenanthrene	17.06	178	1551952	30.382	ng/ul	100
71) Anthracene	17.15	178	305846	5.905	ng/ul	98
74) Carbazole	17.43	167	128592	2.893	ng/ul	98
75) Di-n-butylphthalate	17.99	149	550261	10.318	ng/ul	99
76) Fluoranthene	19.09	202	2519216	46.231	ng/ul	99
79) Pyrene	19.46	202	2247445	51.138	ng/ul	98
80) Butylbenzylphthalate	20.36	149	497110	27.183	ng/ul	96
82) Benzo(a)anthracene	21.21	228	983684	23.789	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.14	149	842327	31.727	ng/ul	100
84) Chrysene	21.27	228	2604971	67.212	ng/ul	97
86) Di-n-octyl phthalate	22.02	149	44779	1.076	ng/ul#	1
87) Benzo(b)fluoranthene	22.79	252	1920957	49.966	ng/ul#	96
88) Benzo(k)fluoranthene	22.79	252	1920957	53.558	ng/ul#	97
90) Benzo(a)pyrene	23.35	252	627894	17.276	ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	25.65	276	632513	14.700	ng/ul	98
92) Dibenzo(a,h)anthracene	25.65	278	178215	4.915	ng/ul#	84

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002949.D
Acq On : 05 Oct 2018 00:53
Operator : MJ/SJ
Sample : J5184-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 05 02:29:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 05 02:27:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(g,h,i)perylene	26.33	276	723819	20.123	ng/ul	99

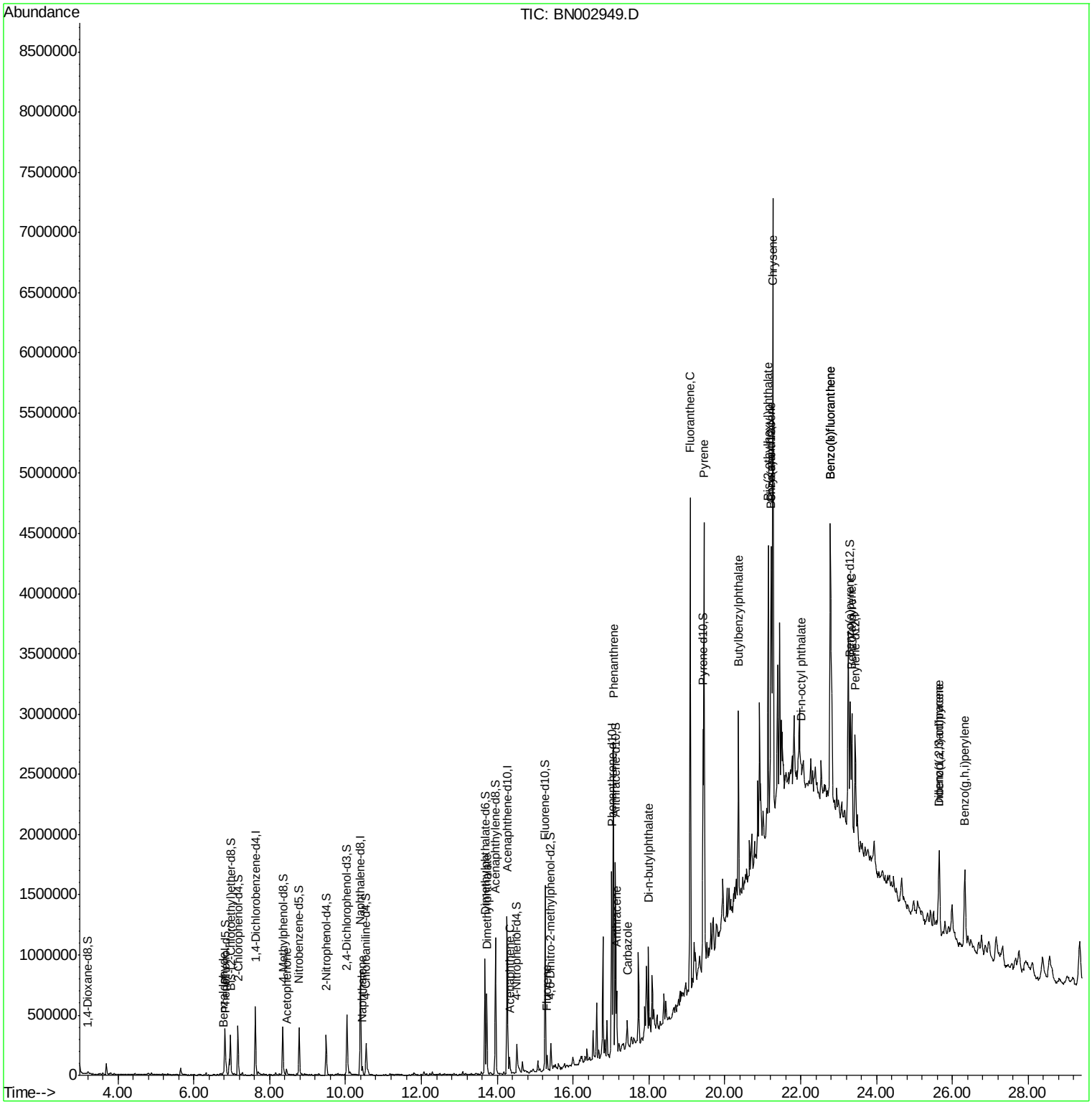
(#) = qualifier out of range (m) = manual integration (+) = signals summed

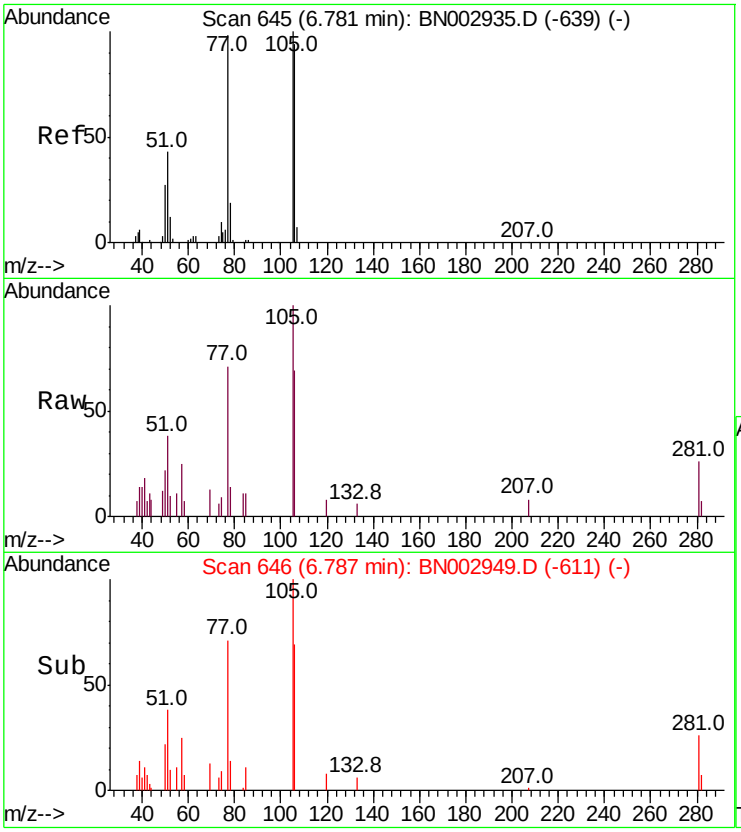
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002949.D
Acq On : 05 Oct 2018 00:53
Operator : MJ/SJ
Sample : J5184-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 05 02:29:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 05 02:27:06 2018
Response via : Initial Calibration



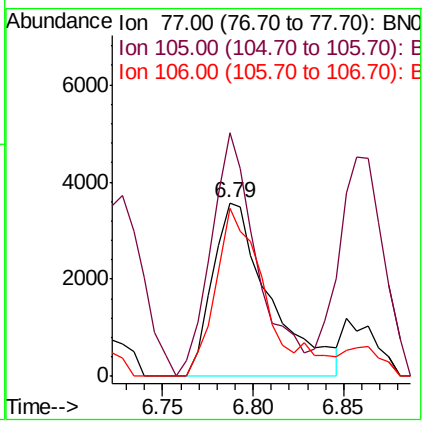


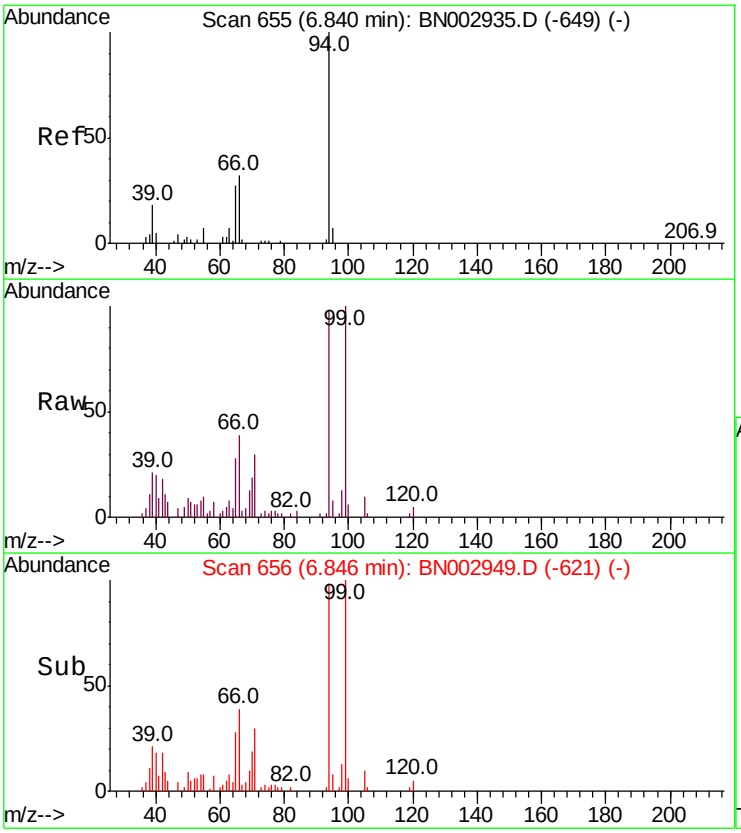
#4
Benzaldehyde
Concen: 1.077 ng/ul
RT: 6.79 min Scan# 646
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 77 Resp: 7912

Ion	Ratio	Lower	Upper
77	100		
105	140.6	76.2	114.4#
106	97.1	74.2	111.2

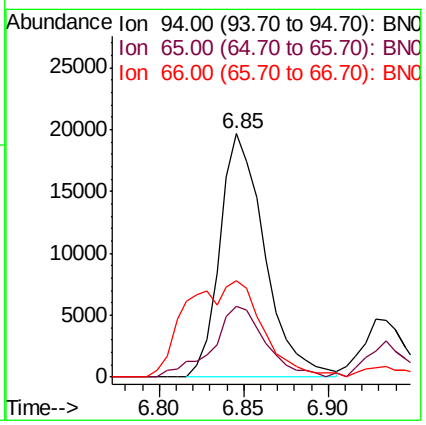


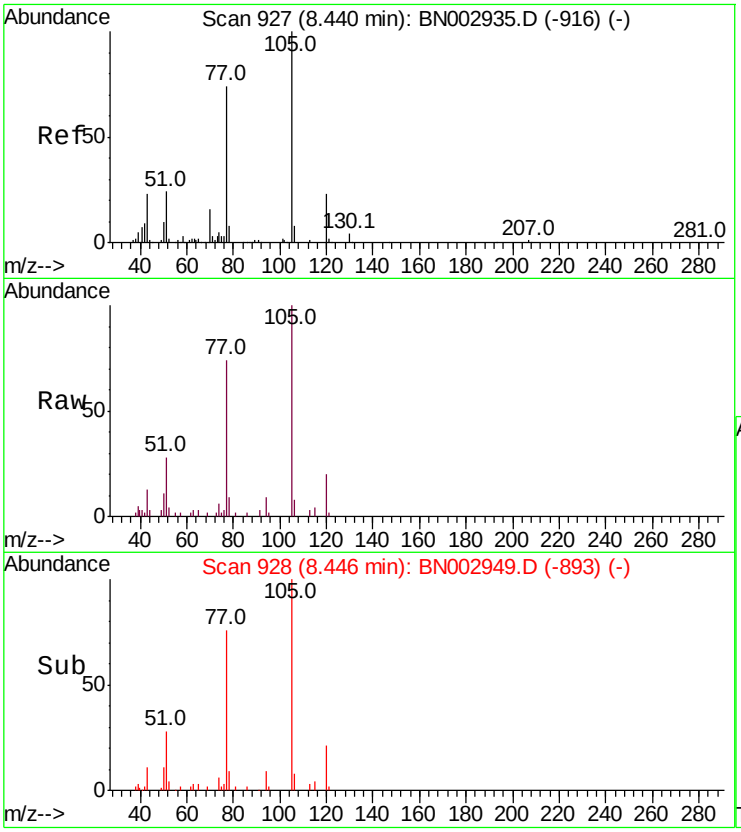


#6
Phenol
Concen: 2.689 ng/ul
RT: 6.85 min Scan# 656
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Tgt Ion: 94 Resp: 36432

Ion	Ratio	Lower	Upper
94	100		
65	28.9	23.1	34.7
66	39.4	29.8	44.6



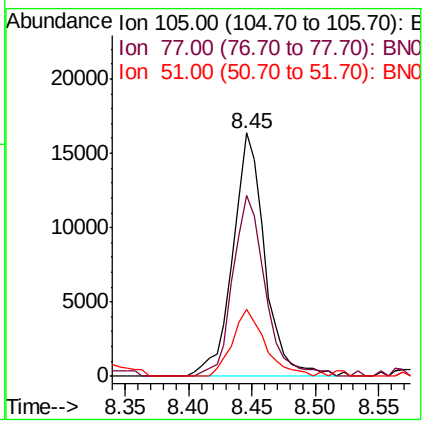


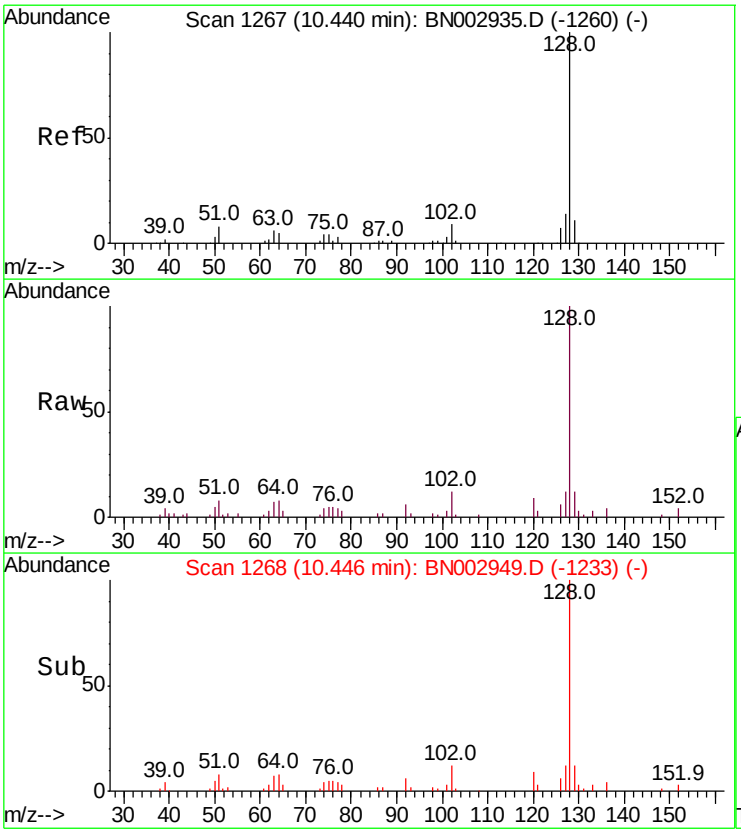
#14
Acetophenone
Concen: 1.786 ng/ul
RT: 8.45 min Scan# 928
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:105 Resp: 28631

Ion	Ratio	Lower	Upper
105	100		
77	74.3	62.9	94.3
51	27.7	21.9	32.9

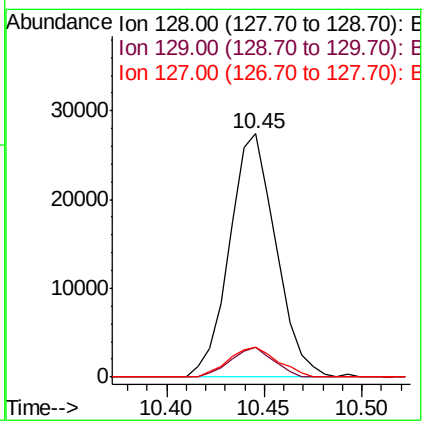


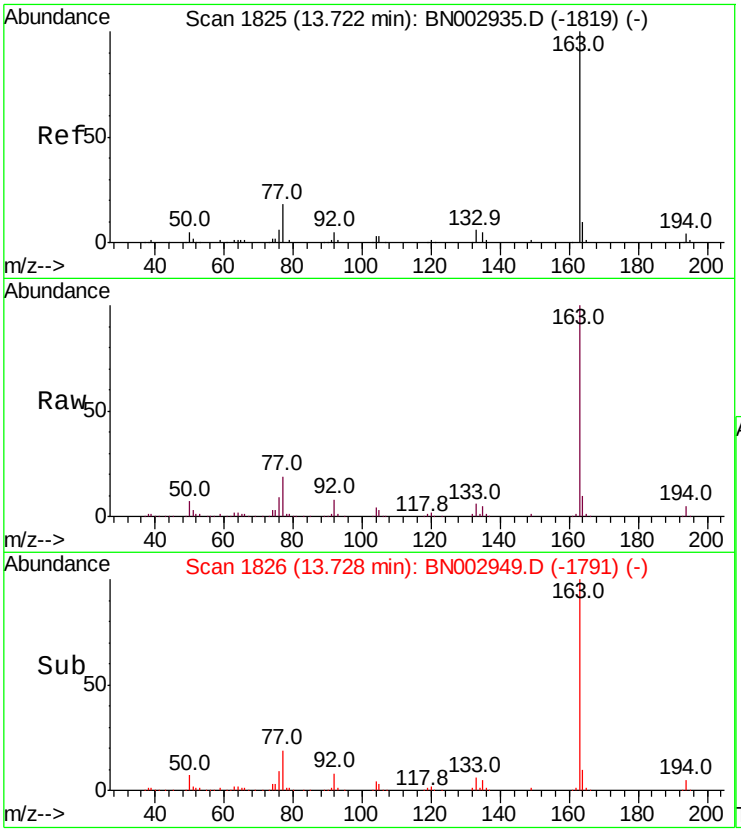


#28
Naphthalene
Concen: 1.197 ng/ul
RT: 10.45 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Tgt Ion:128 Resp: 45129

Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.3	12.5
127	12.1	10.5	15.7



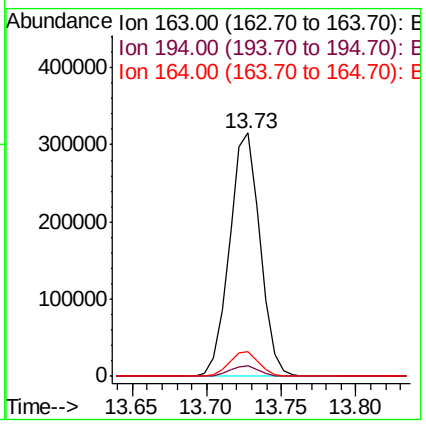


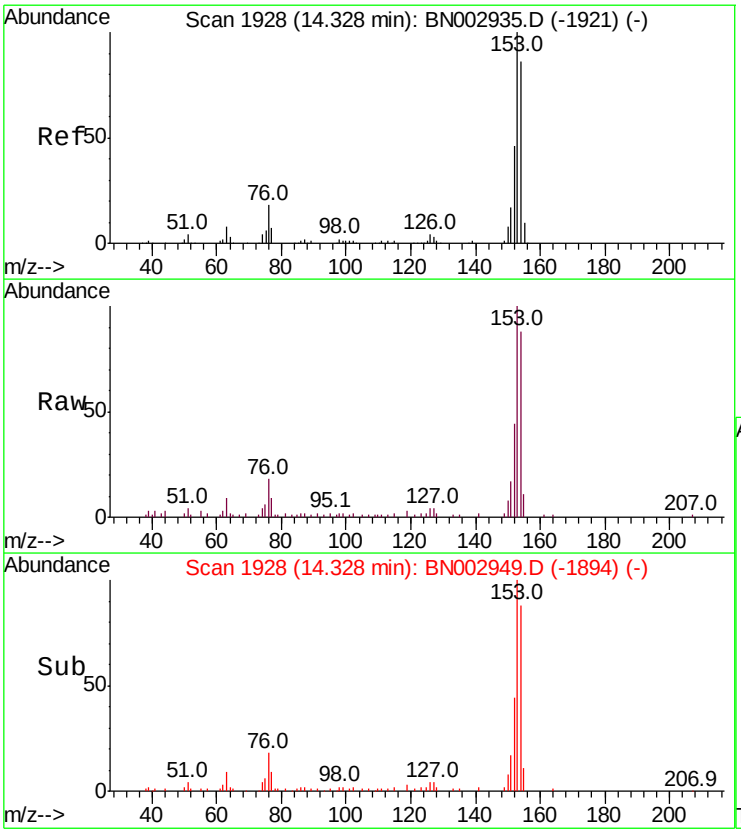
#44
Dimethylphthalate
Concen: 13.554 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:163 Resp: 449713

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.0	8.1	12.1

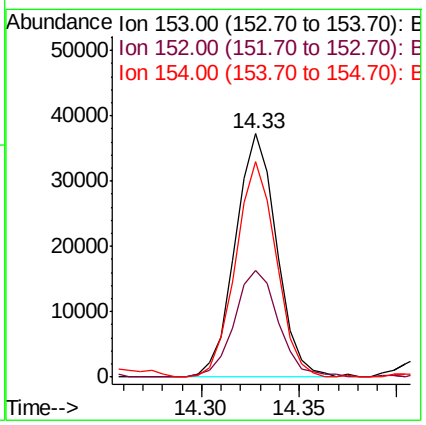


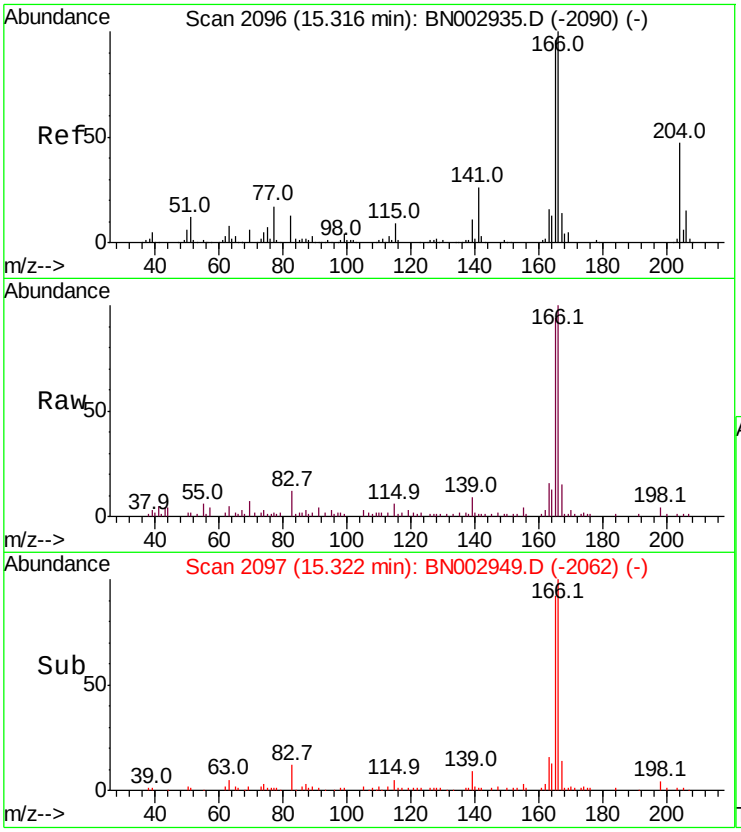


#49
Acenaphthene
Concen: 1.855 ng/ul
RT: 14.33 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Tgt Ion:153 Resp: 54801

Ion	Ratio	Lower	Upper
153	100		
152	44.0	37.8	56.6
154	88.2	70.9	106.3



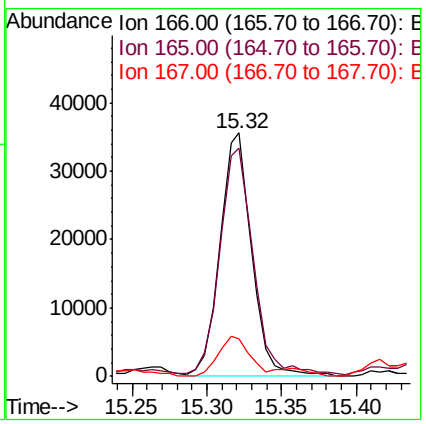


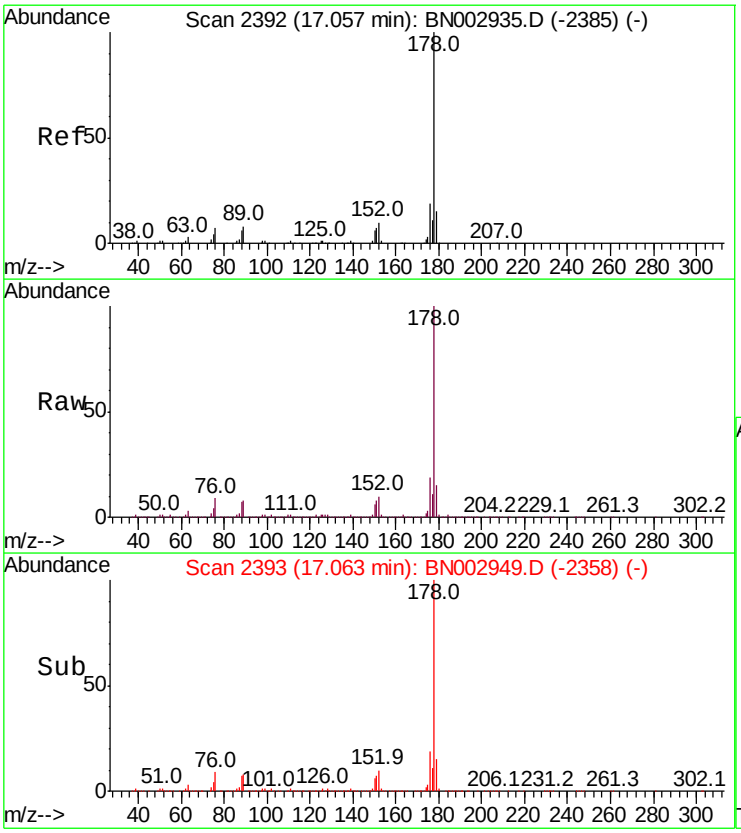
#58
Fluorene
Concen: 1.636 ng/ul
RT: 15.32 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 53217

Ion	Ratio	Lower	Upper
166	100		
165	93.7	78.3	117.5
167	15.4	11.0	16.6

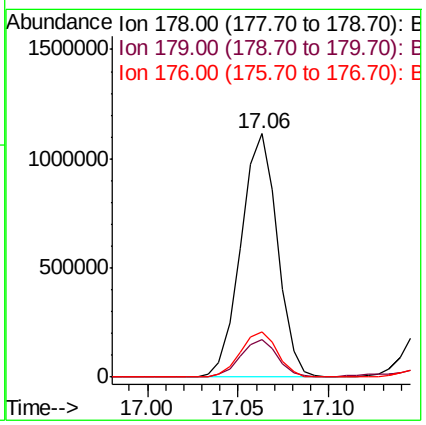


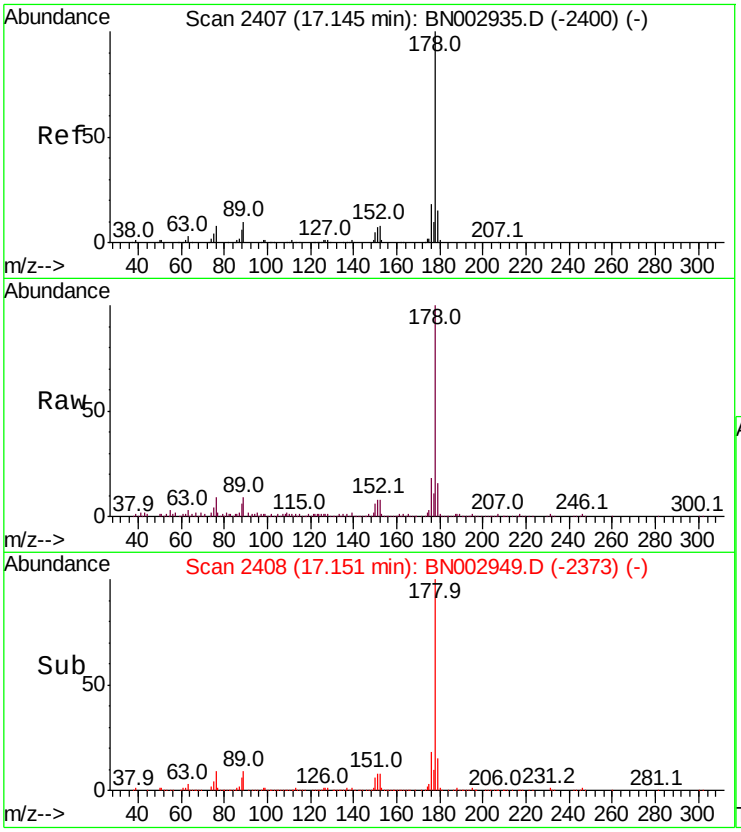


#69
Phenanthrene
Concen: 30.382 ng/ul
RT: 17.06 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Tgt Ion:178 Resp: 1551952

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	18.6	15.0	22.6



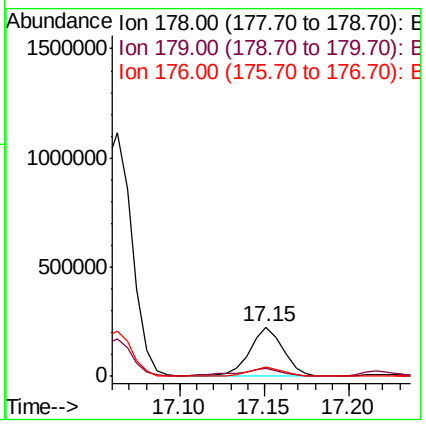


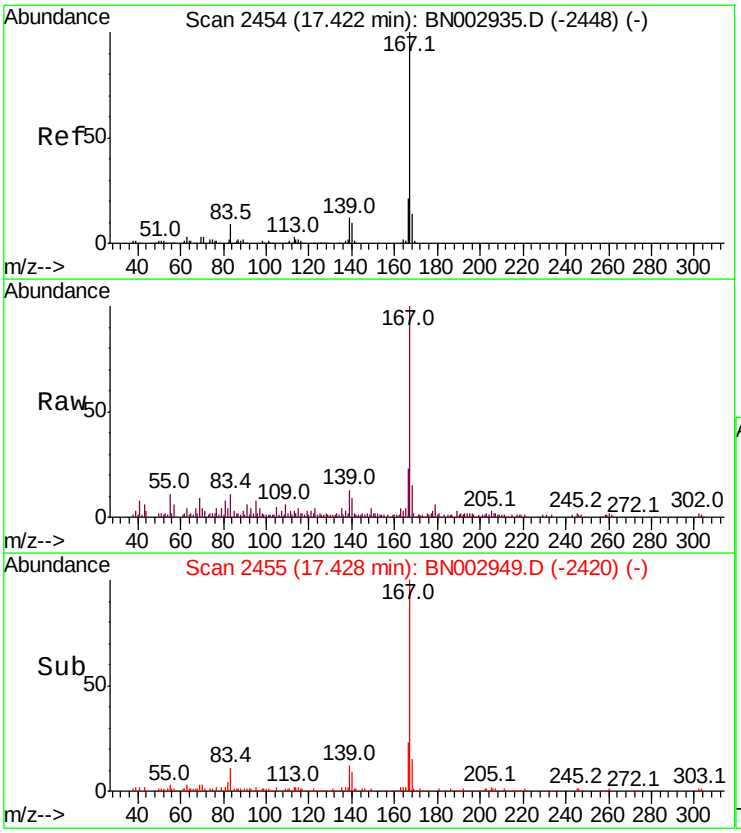
#71
Anthracene
Concen: 5.905 ng/ul
RT: 17.15 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 305846

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.0	18.0
176	17.9	15.0	22.4

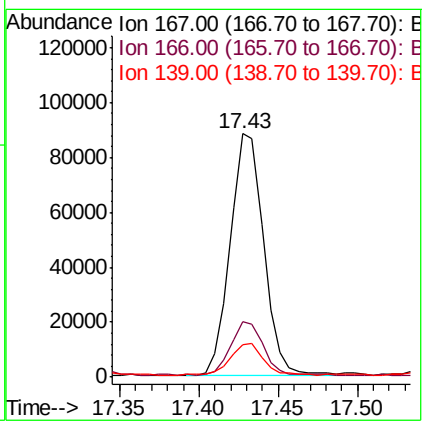


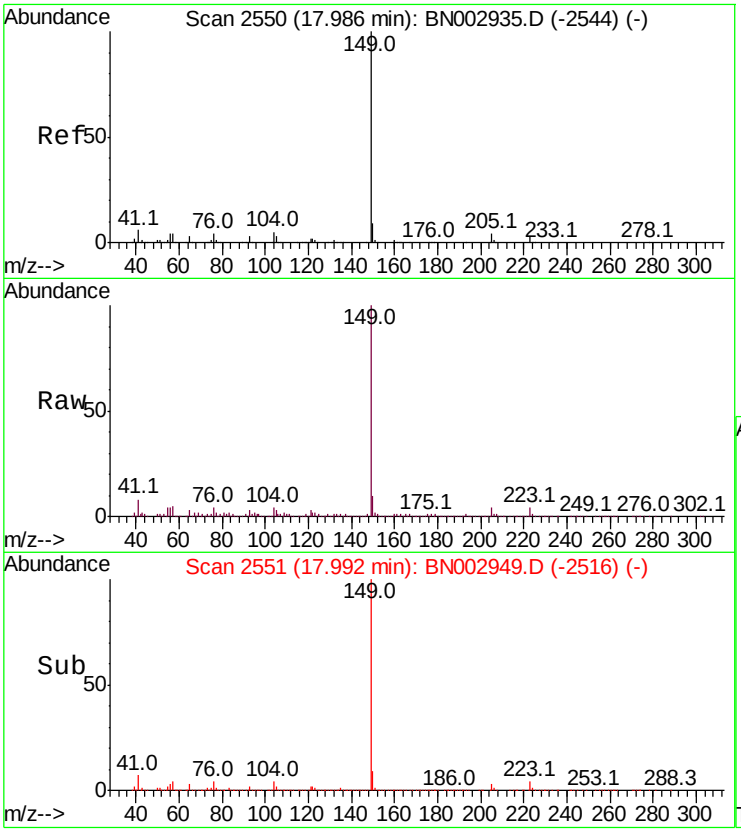


#74
Carbazole
Concen: 2.893 ng/ul
RT: 17.43 min Scan# 2455
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Tgt Ion:167 Resp: 128592

Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.0	25.6
139	13.2	10.7	16.1



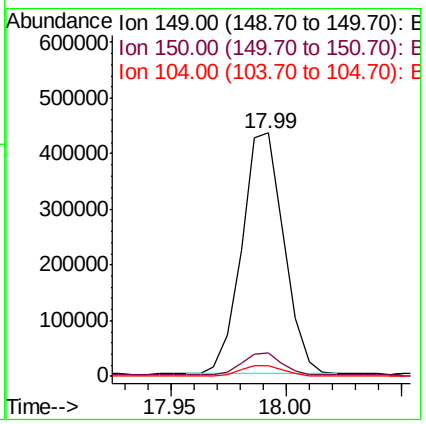


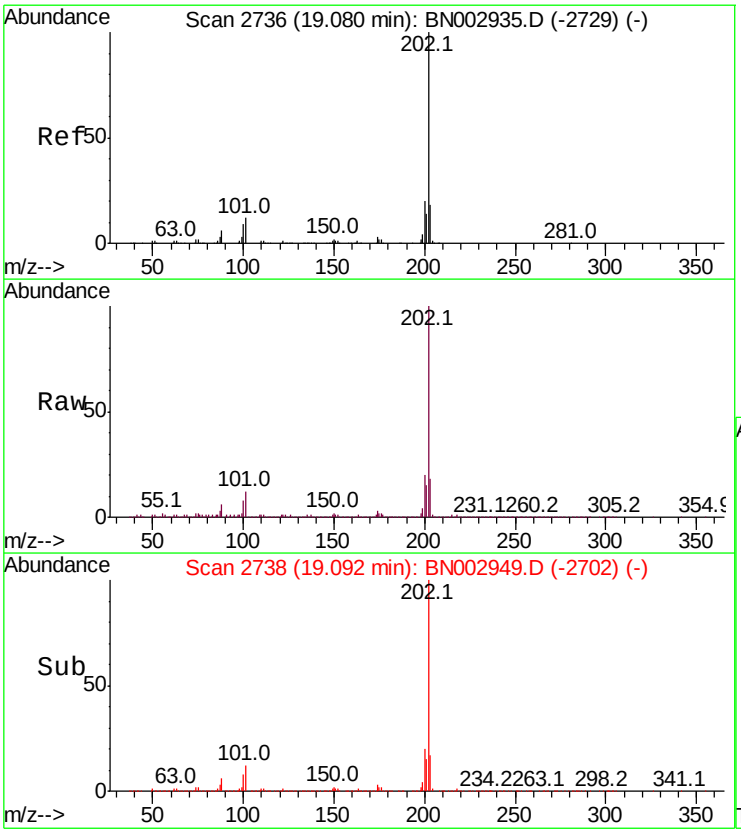
#75
Di-n-butylphthalate
Concen: 10.318 ng/ul
RT: 17.99 min Scan# 2551
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 550261

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.3	10.9
104	4.2	3.7	5.5

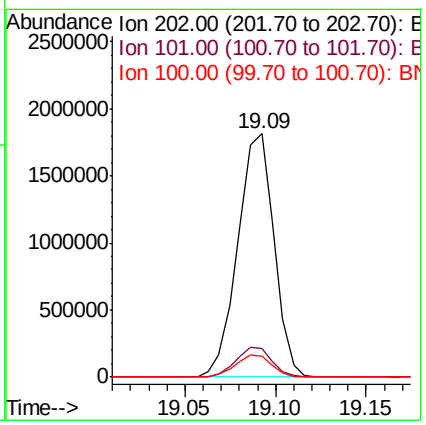


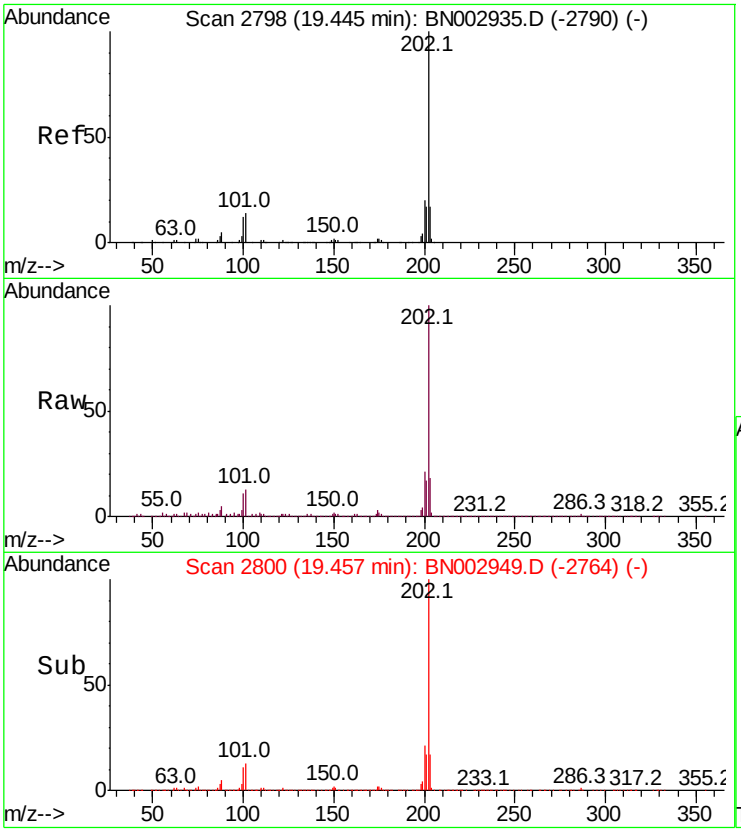


#76
Fluoranthene
Concen: 46.231 ng/ul
RT: 19.09 min Scan# 2738
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Tgt Ion:202 Resp: 2519216

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.4	14.2
100	8.4	7.0	10.6



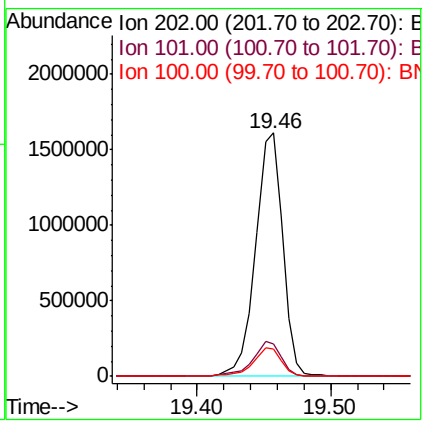


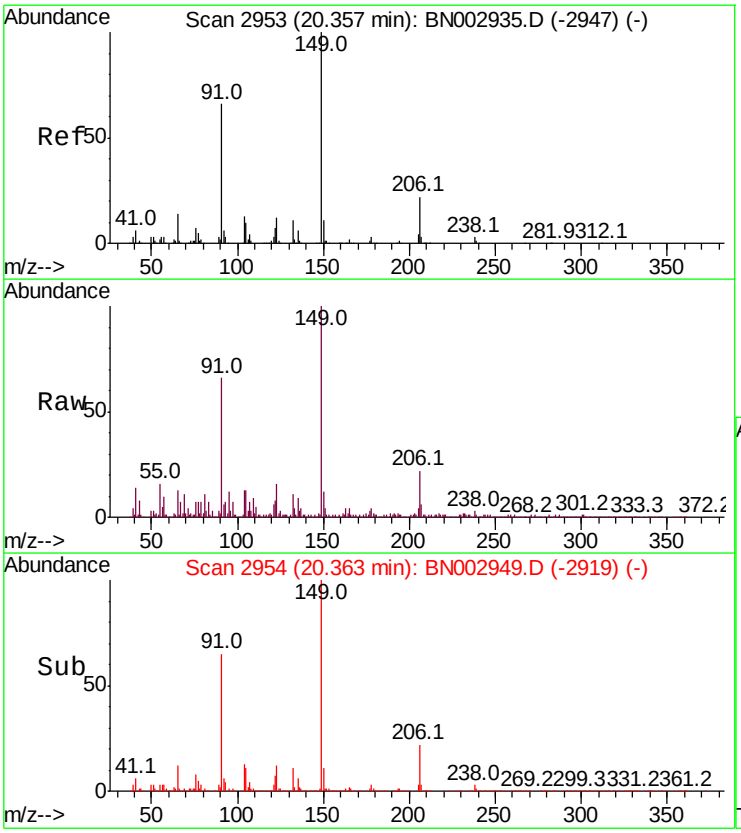
#79
Pyrene
Concen: 51.138 ng/ul
RT: 19.46 min Scan# 2800
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 2247445

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.8	16.2
100	11.4	8.2	12.2

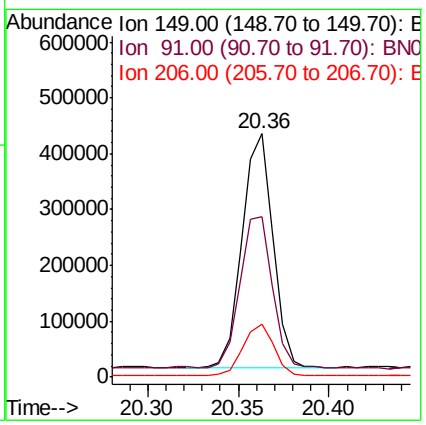


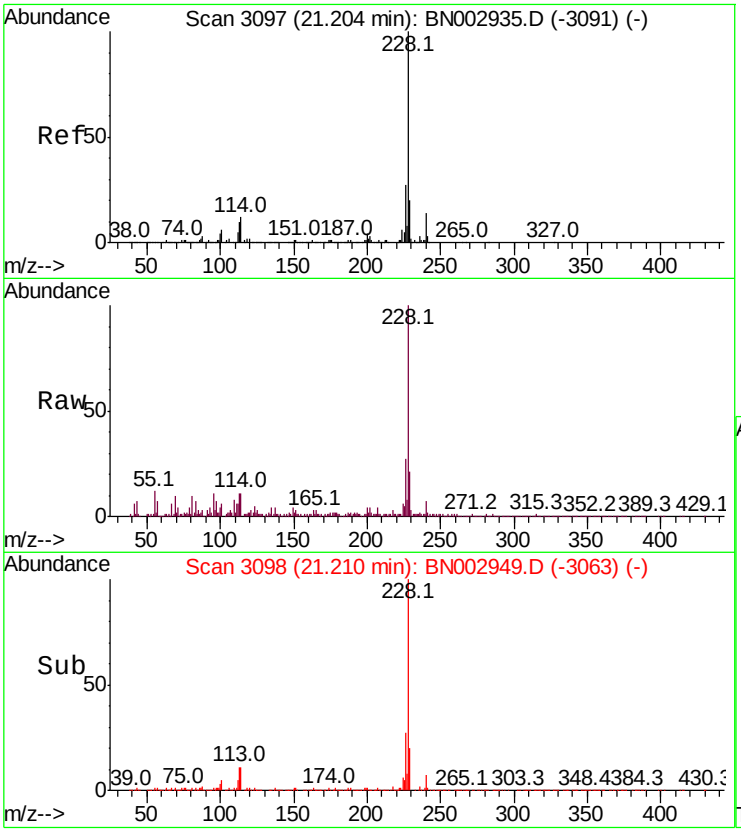


#80
Butylbenzylphthalate
Concen: 27.183 ng/ul
RT: 20.36 min Scan# 2954
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Tgt Ion:149 Resp: 497110

Ion	Ratio	Lower	Upper
149	100		
91	66.1	56.3	84.5
206	21.6	16.8	25.2



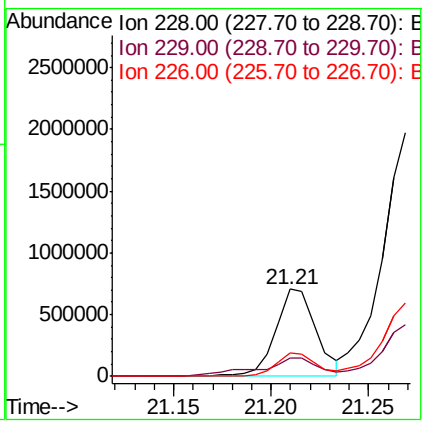


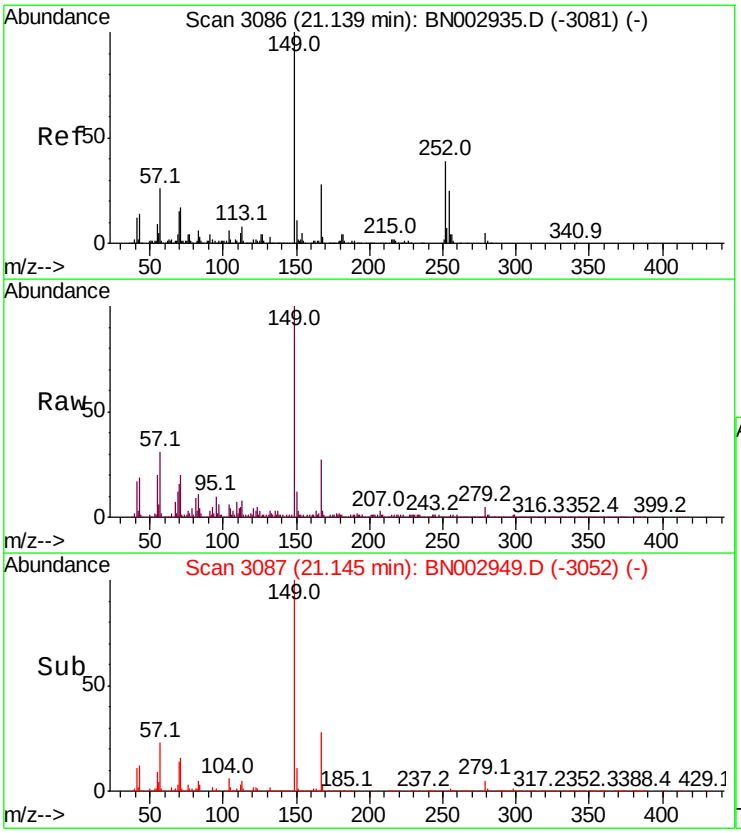
#82
Benzo(a)anthracene
Concen: 23.789 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 983684

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.6
226	26.8	20.9	31.3

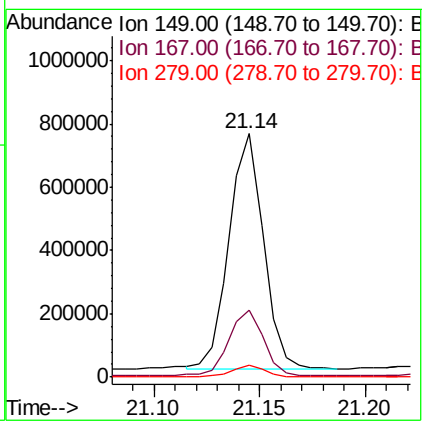


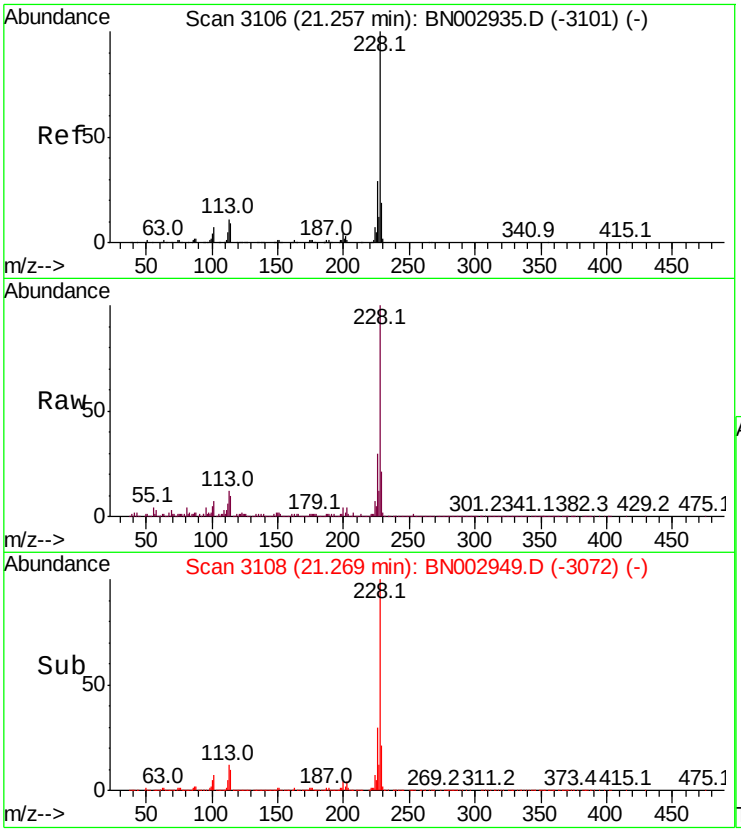


#83
Bis(2-ethylhexyl)phthalate
Concen: 31.727 ng/ul
RT: 21.14 min Scan# 3087
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Tgt Ion:149 Resp: 842327

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.0	33.0
279	4.7	3.3	4.9



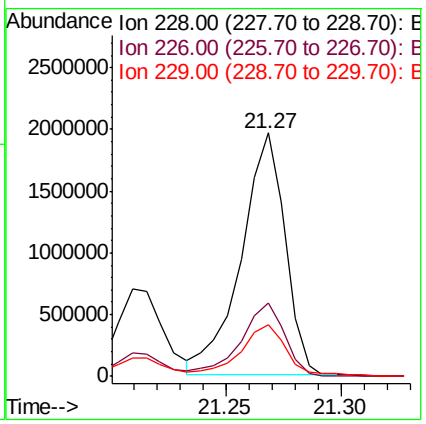


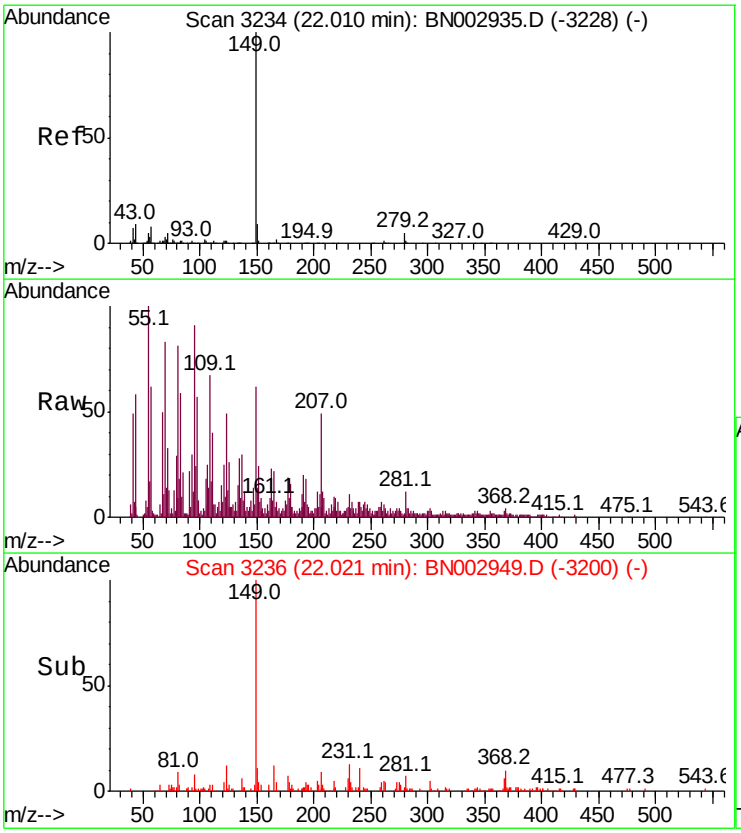
#84
Chrysene
Concen: 67.212 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 2604971

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	21.4	15.7	23.5

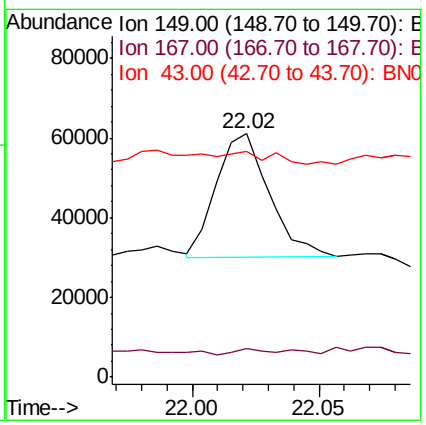


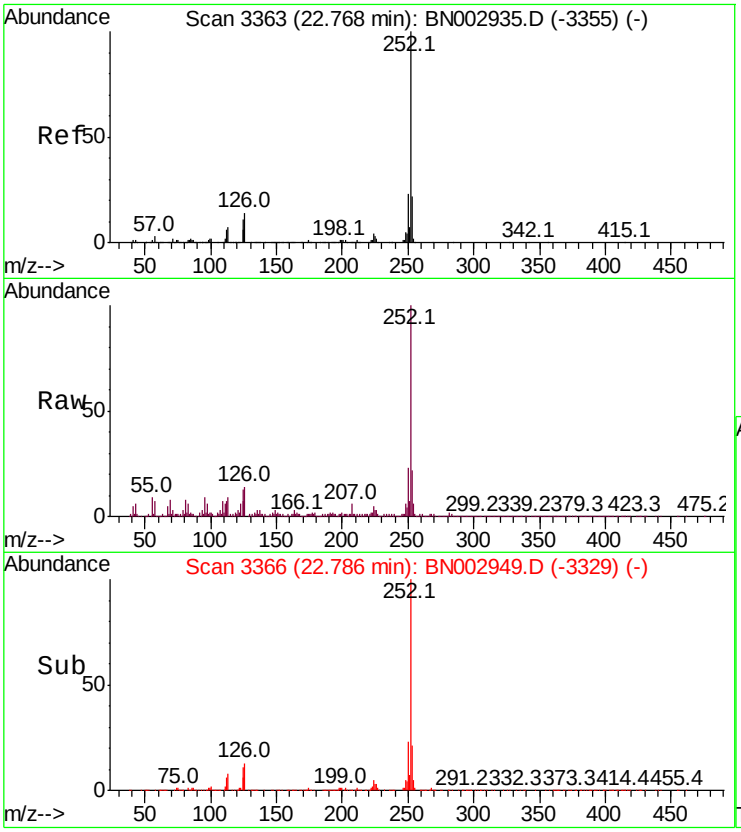


#86
Di-n-octyl phthalate
Concen: 1.076 ng/ul
RT: 22.02 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Tgt Ion:149 Resp: 44779

Ion	Ratio	Lower	Upper
149	100		
167	11.6	1.4	2.0#
43	92.7	7.4	11.0#



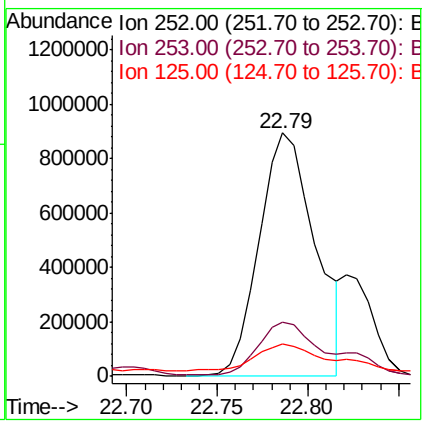


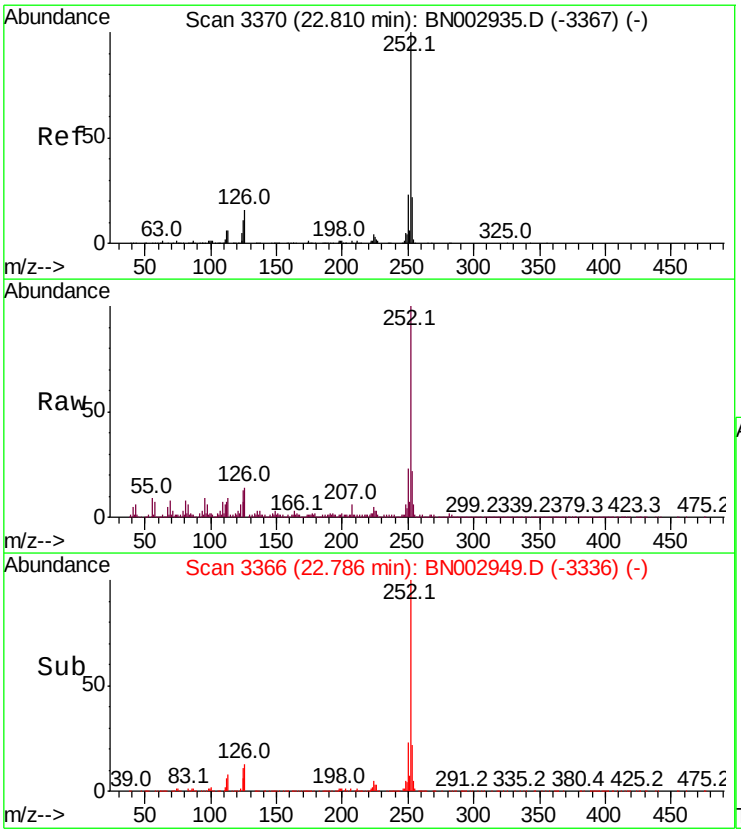
#87
Benzo(b)fluoranthene
Concen: 49.966 ng/ul
RT: 22.79 min Scan# 3366
Delta R.T. 0.02 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1920957

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.4
125	13.1	8.0	12.0#

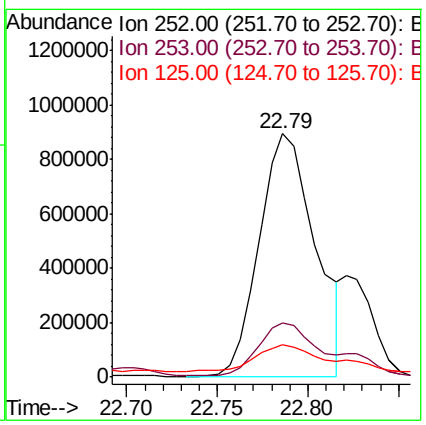


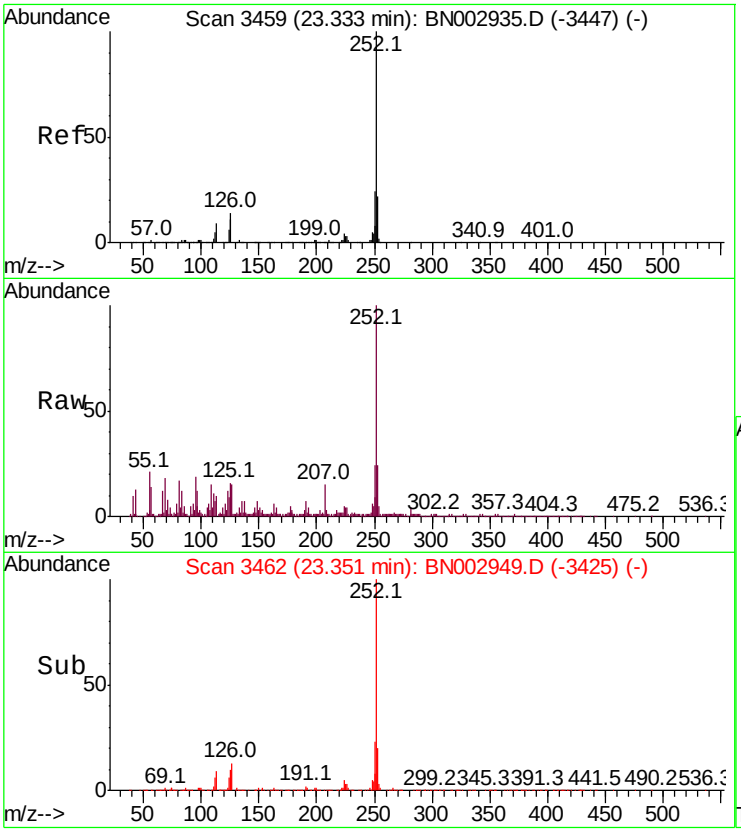


#88
Benzo(k)fluoranthene
Concen: 53.558 ng/ul
RT: 22.79 min Scan# 3366
Delta R.T. -0.02 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Tgt Ion:252 Resp: 1920957

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	13.1	8.3	12.5#



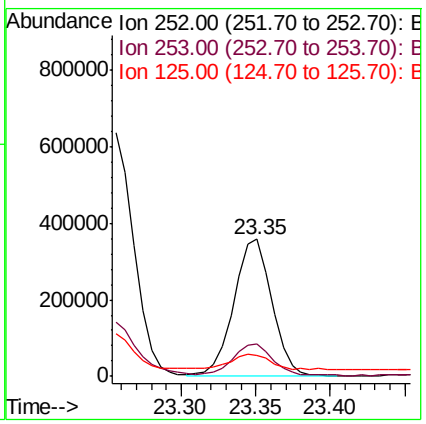


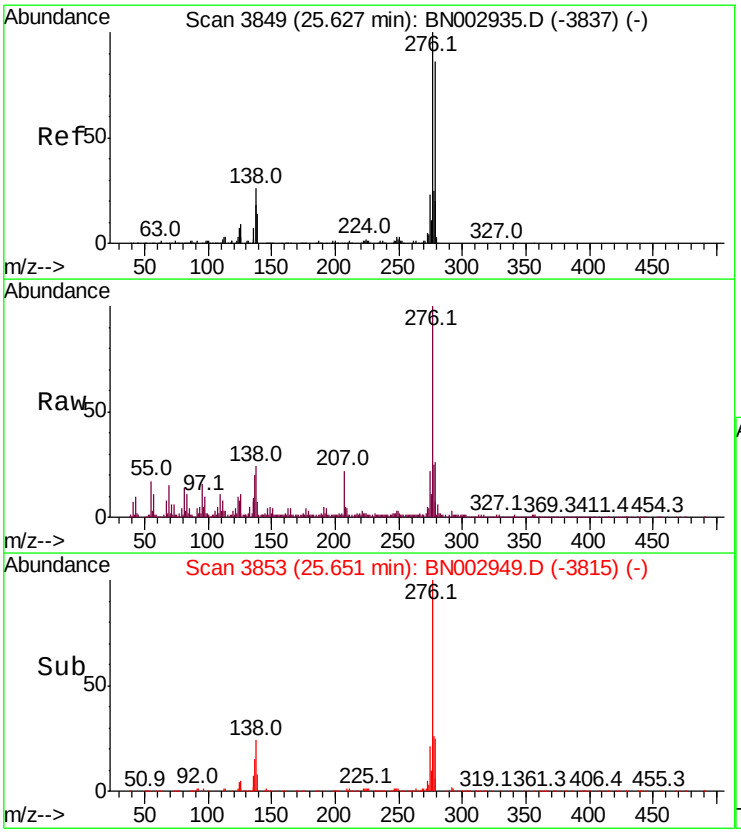
#90
Benzo(a)pyrene
Concen: 17.276 ng/ul
RT: 23.35 min Scan# 3462
Delta R.T. 0.02 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 627894

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	15.6	8.8	13.2#

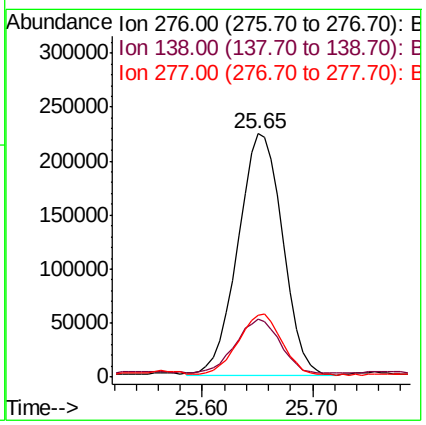


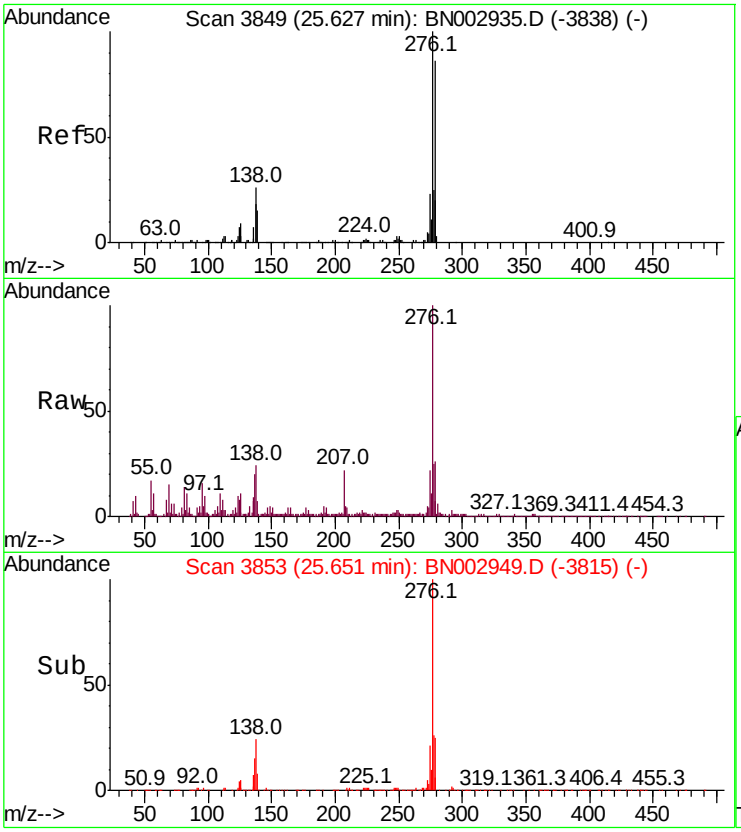


#91
Indeno(1,2,3-cd)pyrene
Concen: 14.700 ng/ul
RT: 25.65 min Scan# 3853
Delta R.T. 0.02 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Tgt Ion:276 Resp: 632513

Ion	Ratio	Lower	Upper
276	100		
138	23.8	20.2	30.4
277	25.5	20.0	30.0



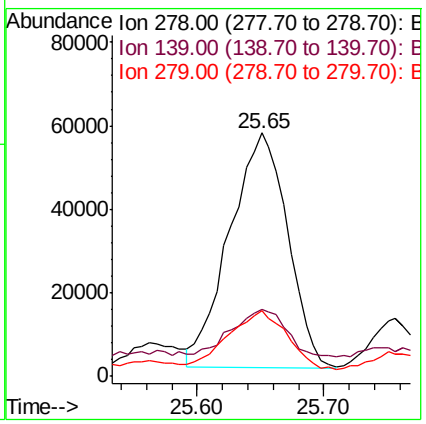


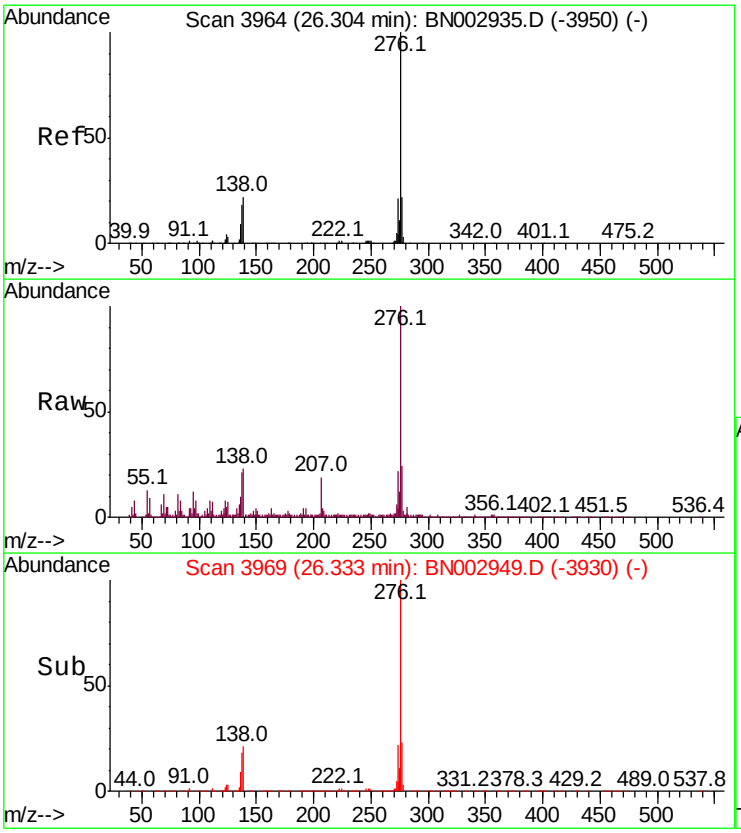
#92
Dibenzo(a,h)anthracene
Concen: 4.915 ng/ul
RT: 25.65 min Scan# 3853
Delta R.T. 0.02 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 178215

Ion	Ratio	Lower	Upper
278	100		
139	27.4	12.7	19.1#
279	27.1	18.7	28.1





#93
Benzo(g,h,i)perylene
Concen: 20.123 ng/ul
RT: 26.33 min Scan# 3969
Delta R.T. 0.03 min
Lab File: BN002949.D
Acq: 05 Oct 2018 00:53

Tgt Ion:276 Resp: 723819

Ion	Ratio	Lower	Upper
276	100		
138	22.7	18.2	27.2
277	24.4	18.6	28.0