Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010025.D
Acq On : 29 Feb 2020 15:25
Operator : CG/JU
Sample : L1615-02MS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 02 05:55:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	101564	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	434050	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	270783	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	552491	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	484522	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	493393	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	2755	1.12	ng/uL	0.01
5) Phenol-d5	6.59	99	63559	7.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	45871	7.69	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	51743	7.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	46900	6.82	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	23715	7.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	25436	7.32	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.78	165	47981	7.18	ng/ul	0.02
29) 4-Chloroaniline-d4	10.30	131	53752	7.16	ng/ul	0.02
44) Dimethylphthalate-d6	13.45	166	163186	8.07	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	185526	7.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	125	0.03	ng/ul	0.11
58) Fluorene-d10	15.02	176	142217	8.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	10317	3.01	ng/ul	0.02
71) Anthracene-d10	16.87	188	214703	8.48	ng/ul	0.00
79) Pyrene-d10	19.19	212	266552	10.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	258168	10.48	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.61	94	69751	7.535	ng/ul	96
10) 2-Chlorophenol	6.95	128	52545	7.670	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.18	70	44255	7.564	ng/ul	96
33) 4-Chloro-3-methylphenol	11.45	107	52829	6.857	ng/ul	94
50) Acenaphthene	14.08	153	167053	9.451	ng/ul	98
53) 4-Nitrophenol	14.30	109	15344	4.603	ng/ul	80
54) Dibenzofuran	14.43	168	44295	1.785	ng/ul	94
55) 2,4-Dinitrotoluene	14.44	165	40061	6.542	ng/ul#	81
59) Fluorene	15.08	166	48220	2.316	ng/ul	97
69) Pentachlorophenol	16.45	266	15224	4.306	ng/ul	94
70) Phenanthrene	16.82	178	286516	9.087	ng/ul	100
72) Anthracene	16.91	178	73445	2.279	ng/ul	99
77) Fluoranthene	18.85	202	200393	5.426	ng/ul	96
80) Pyrene	19.22	202	455815	13.049	ng/ul	98
83) Benzo(a)anthracene	20.99	228	37895	1.138	ng/ul	98
85) Chrysene	21.03	228	38167	1.164	ng/ul	98

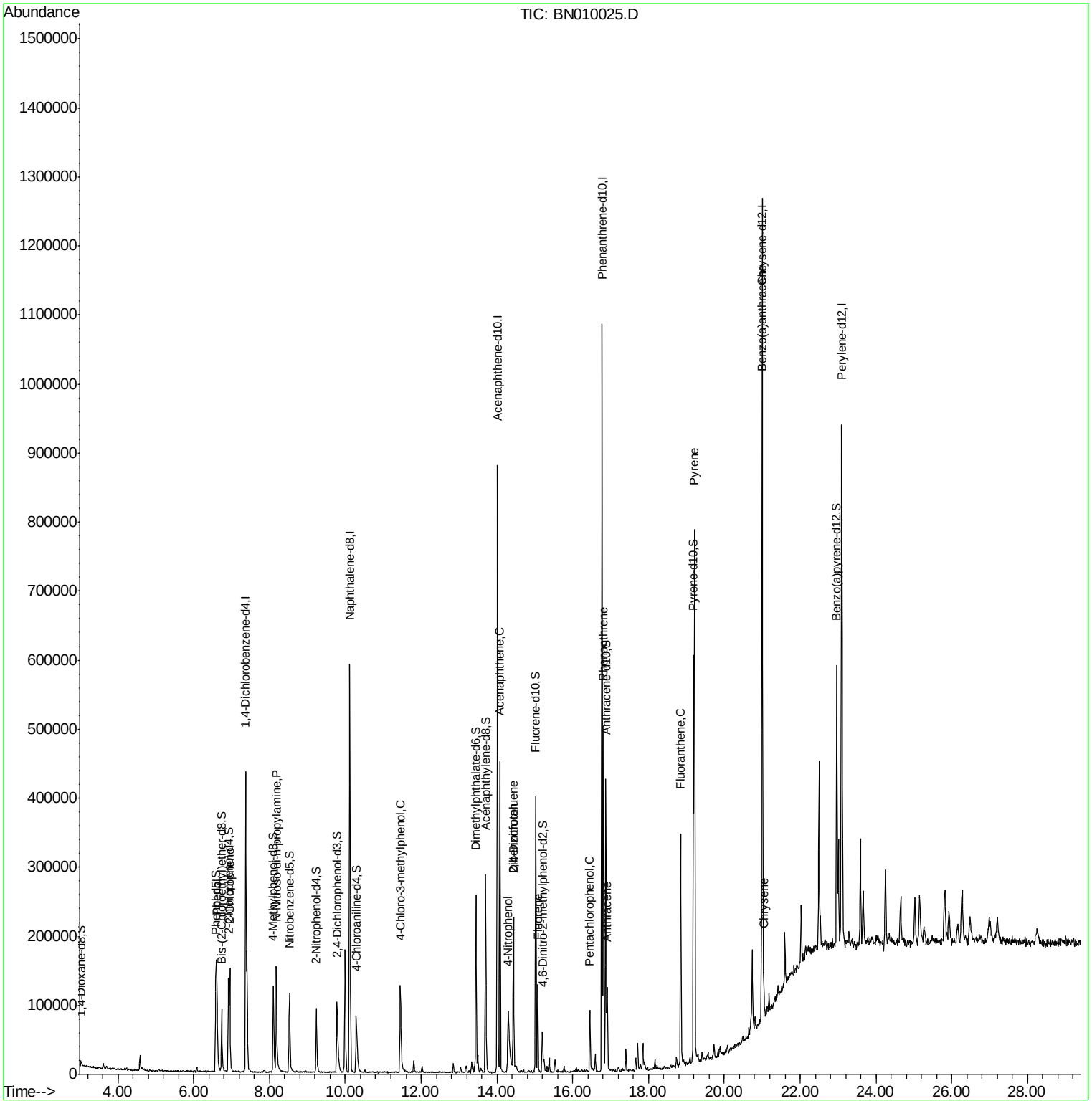
(#) = qualifier out of range (m) = manual integration (+) = signals summed

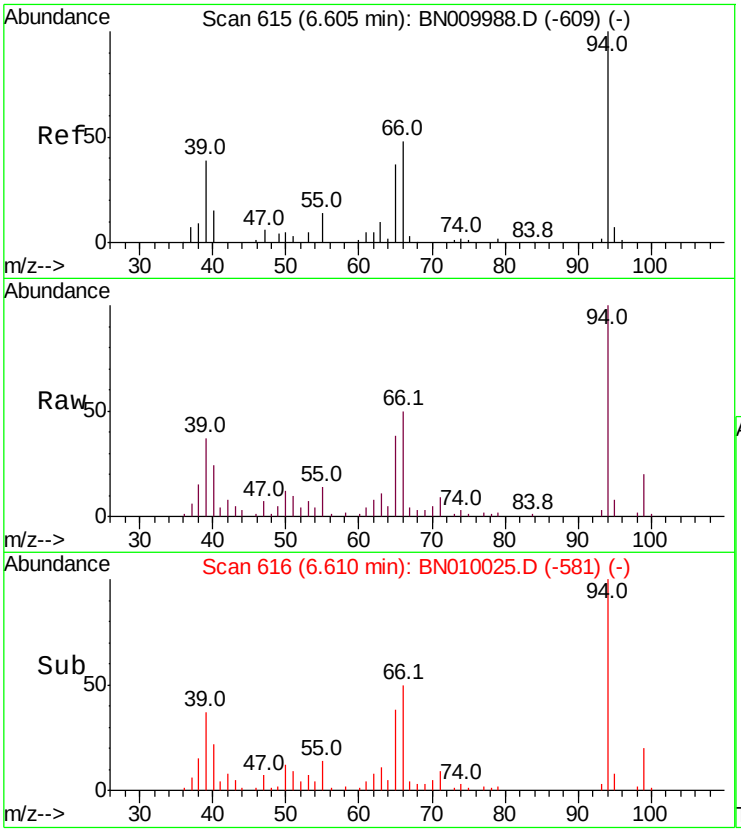
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010025.D
Acq On : 29 Feb 2020 15:25
Operator : CG/JU
Sample : L1615-02MS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 02 05:55:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration



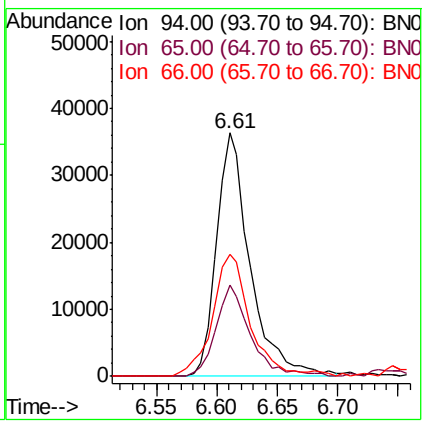


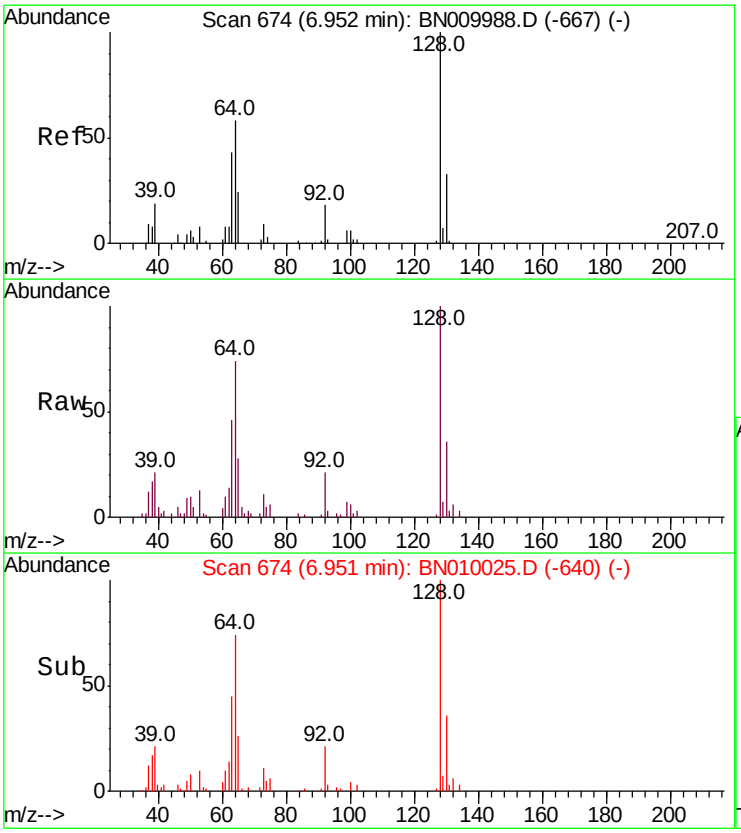
#6
Phenol
Concen: 7.535 ng/ul
RT: 6.61 min Scan# 616
Delta R.T. 0.01 min
Lab File: BN010025.D
Acq: 29 Feb 2020 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 94 Resp: 69751

Ion	Ratio	Lower	Upper
94	100		
65	37.7	27.6	41.4
66	50.2	38.5	57.7

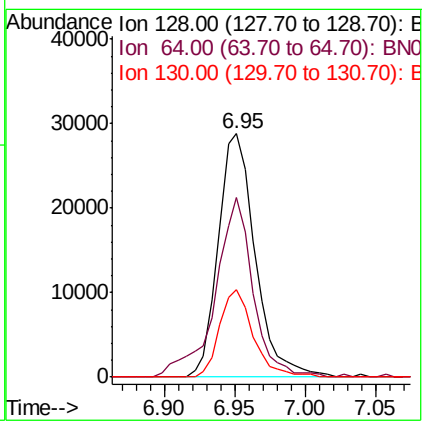


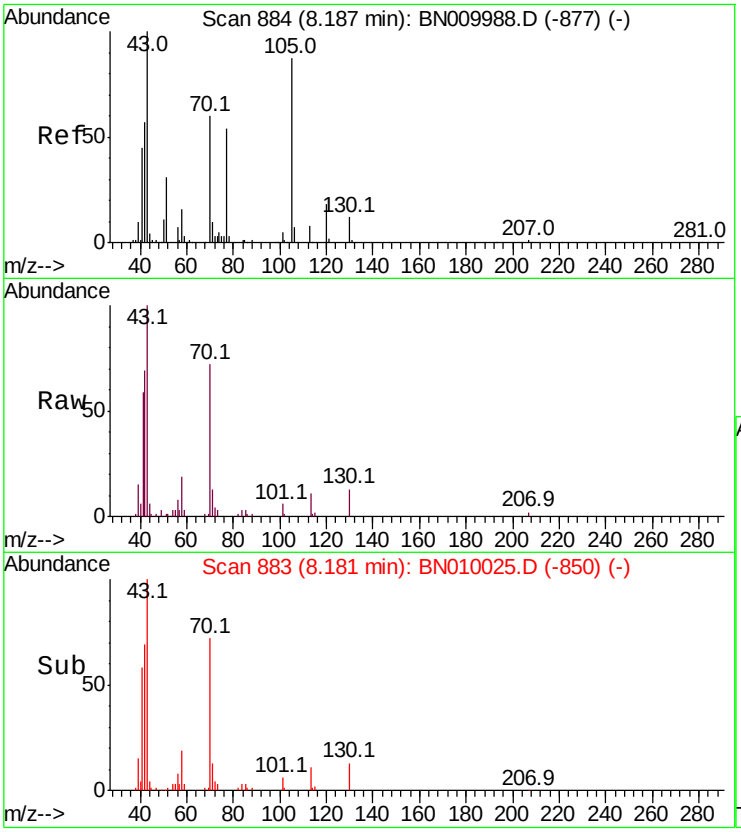


#10
2-Chlorophenol
Concen: 7.670 ng/ul
RT: 6.95 min Scan# 674
Delta R.T. -0.00 min
Lab File: BN010025.D
Acq: 29 Feb 2020 15:25

Tgt Ion:128 Resp: 52545

Ion	Ratio	Lower	Upper
128	100		
64	73.7	52.5	78.7
130	36.2	24.4	36.6



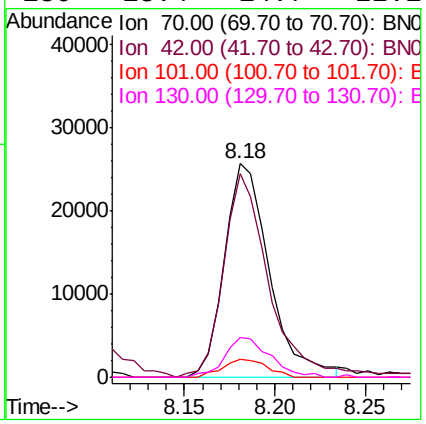


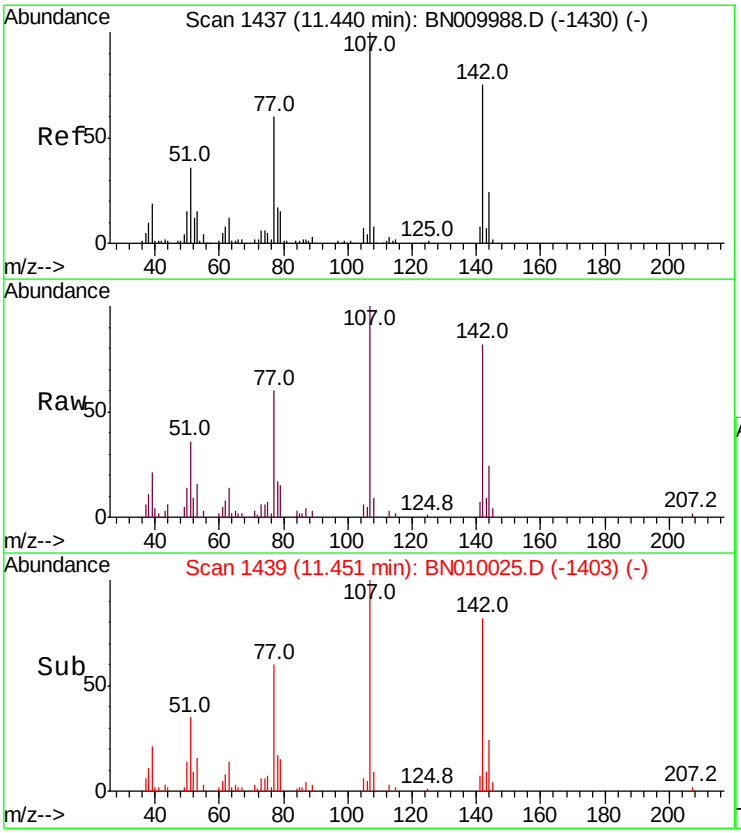
#15
N-Nitroso-di-n-propylamine
Concen: 7.564 ng/ul
RT: 8.18 min Scan# 883
Delta R.T. -0.01 min
Lab File: BN010025.D
Acq: 29 Feb 2020 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 70 Resp: 44255

Ion	Ratio	Lower	Upper
70	100		
42	95.3	72.6	108.8
101	8.4	7.7	11.5
130	18.4	14.7	22.1

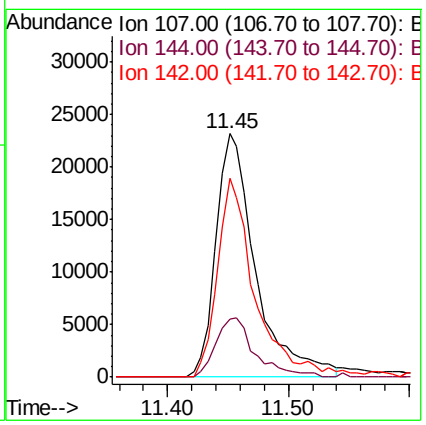


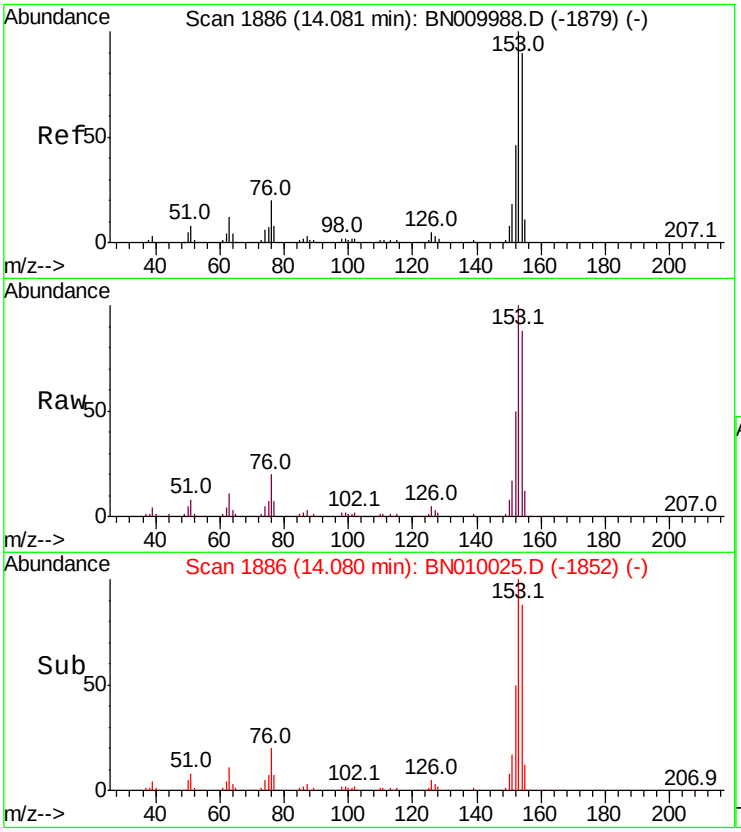


#33
4-Chloro-3-methylphenol
Concen: 6.857 ng/ul
RT: 11.45 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BN010025.D
Acq: 29 Feb 2020 15:25

Tgt Ion:107 Resp: 52829

Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.3	28.9
142	81.5	59.5	89.3



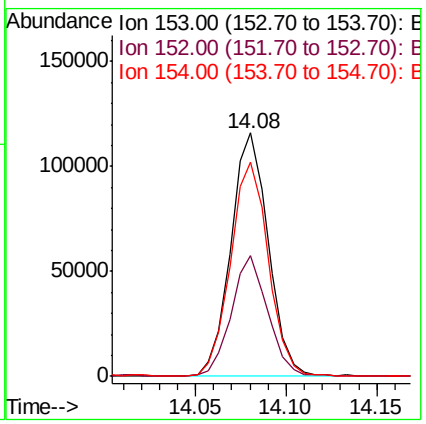


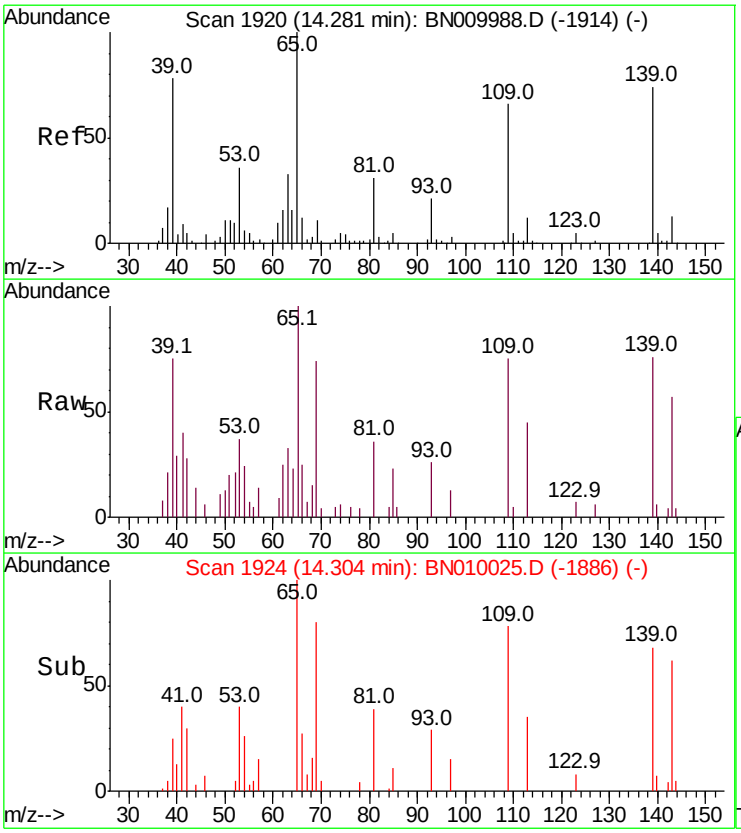
#50
Acenaphthene
Concen: 9.451 ng/ul
RT: 14.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BN010025.D
Acq: 29 Feb 2020 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 167053

Ion	Ratio	Lower	Upper
153	100		
152	49.7	36.6	54.8
154	88.2	70.6	106.0

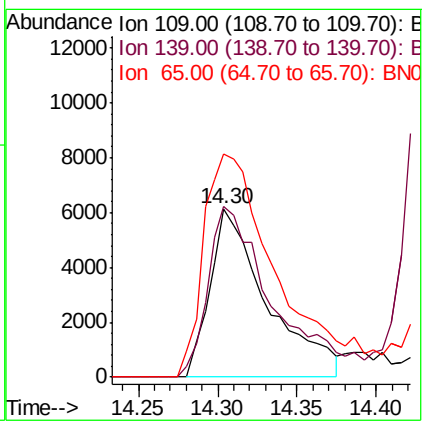


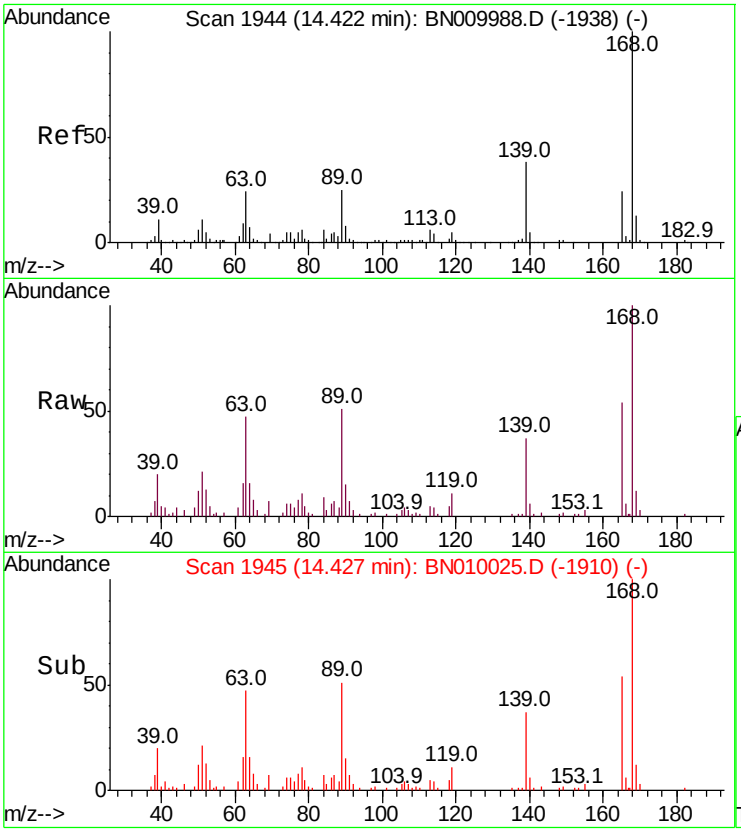


#53
4-Nitrophenol
Concen: 4.603 ng/ul
RT: 14.30 min Scan# 1924
Delta R.T. 0.02 min
Lab File: BN010025.D
Acq: 29 Feb 2020 15:25

Tgt Ion:109 Resp: 15344

Ion	Ratio	Lower	Upper
109	100		
139	101.2	96.3	144.5
65	132.5	129.9	194.9



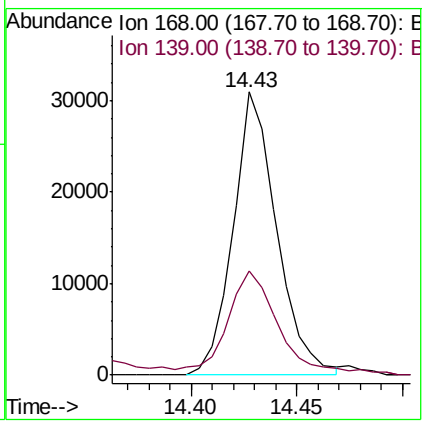


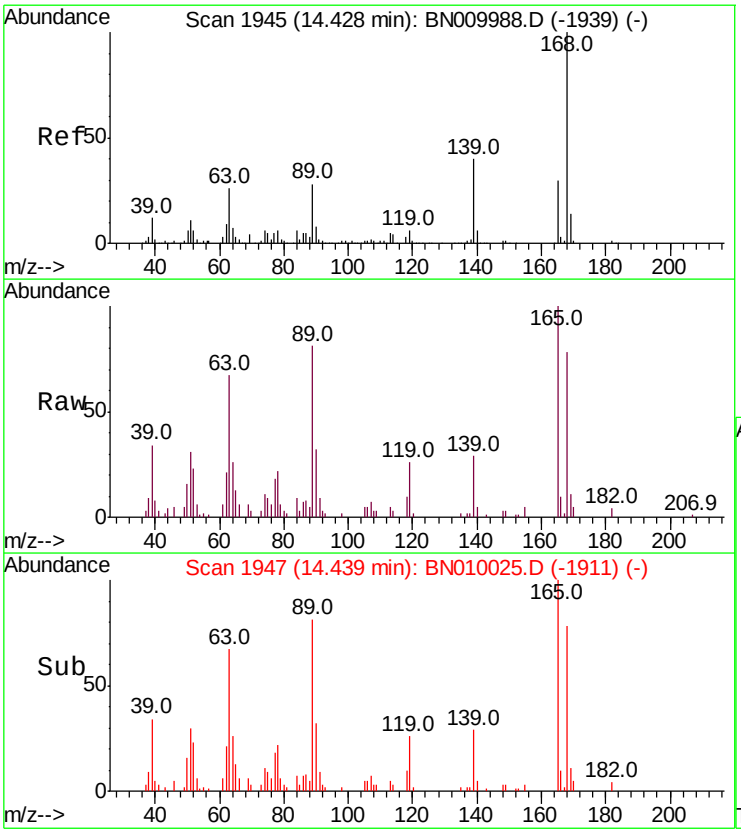
#54
Dibenzofuran
Concen: 1.785 ng/ul
RT: 14.43 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BN010025.D
Acq: 29 Feb 2020 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:168 Resp: 44295

Ion	Ratio	Lower	Upper
168	100		
139	37.0	32.7	49.1

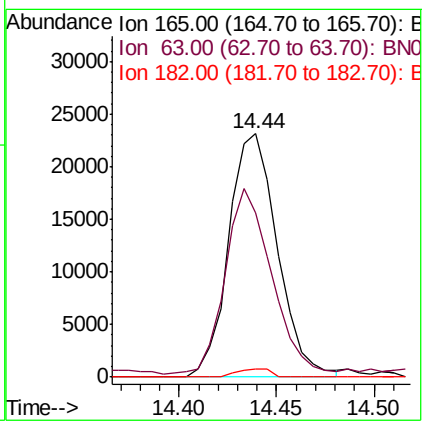


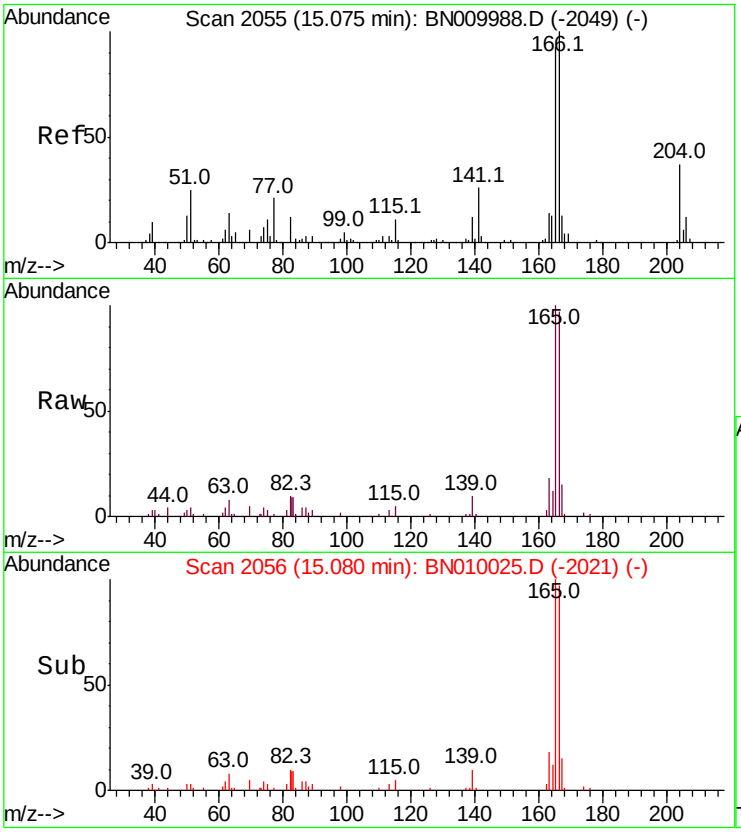


#55
2,4-Dinitrotoluene
Concen: 6.542 ng/ul
RT: 14.44 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BN010025.D
Acq: 29 Feb 2020 15:25

Tgt Ion:165 Resp: 40061

Ion	Ratio	Lower	Upper
165	100		
63	67.4	68.3	102.5#
182	3.6	2.2	3.4#



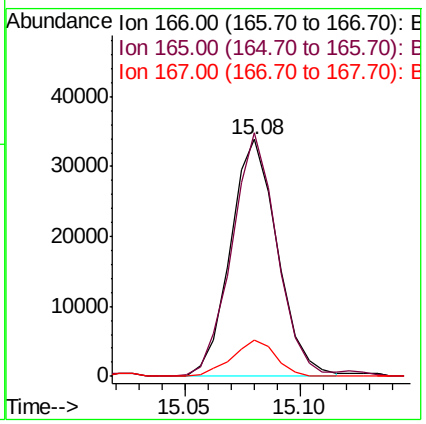


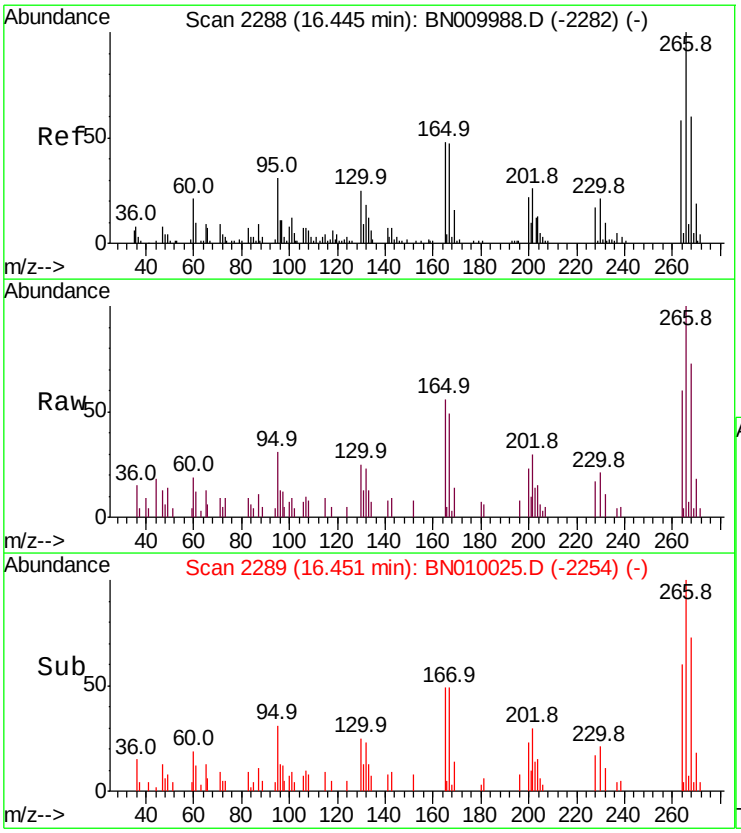
#59
Fluorene
Concen: 2.316 ng/ul
RT: 15.08 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BN010025.D
Acq: 29 Feb 2020 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 48220

Ion	Ratio	Lower	Upper
166	100		
165	102.9	79.8	119.8
167	15.3	10.7	16.1

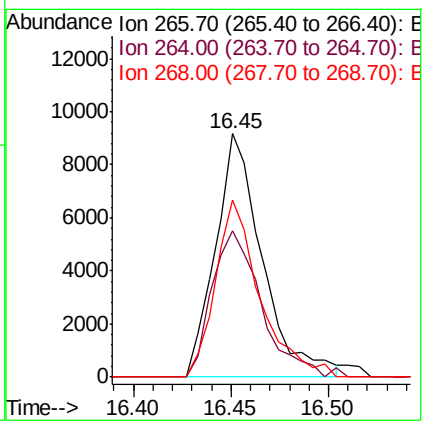


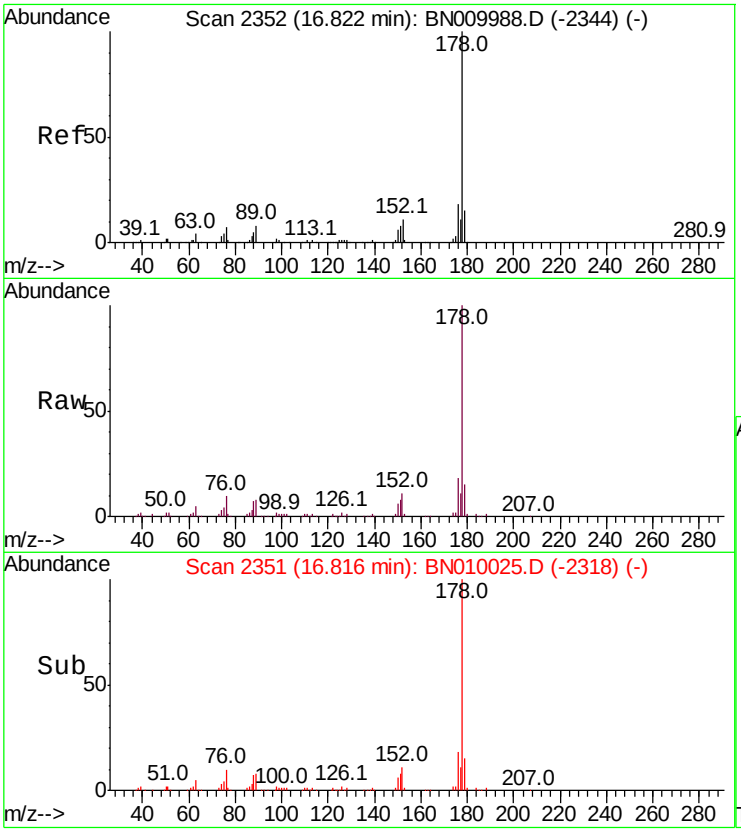


#69
Pentachlorophenol
Concen: 4.306 ng/ul
RT: 16.45 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BN010025.D
Acq: 29 Feb 2020 15:25

Tgt Ion:266 Resp: 15224

Ion	Ratio	Lower	Upper
266	100		
264	64.4	52.9	79.3
268	72.7	52.5	78.7



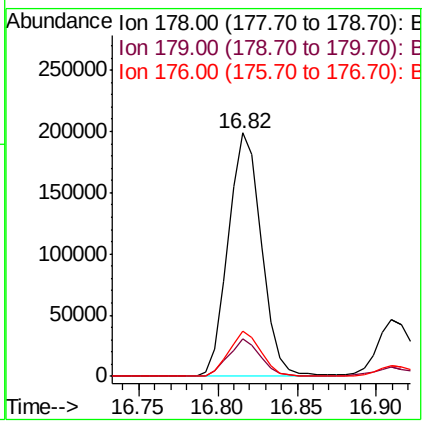


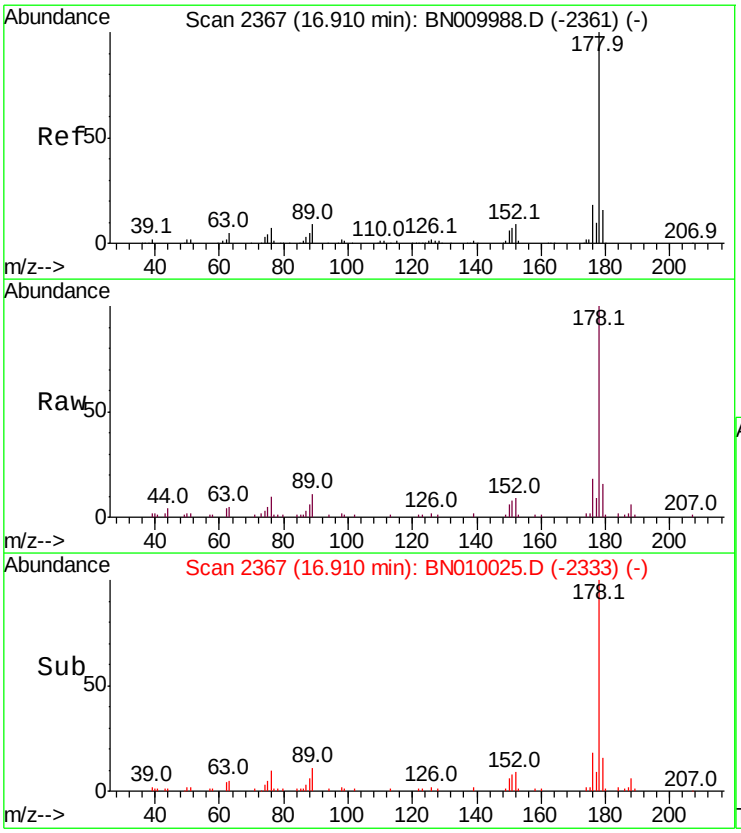
#70
Phenanthrene
Concen: 9.087 ng/ul
RT: 16.82 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BN010025.D
Acq: 29 Feb 2020 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 286516

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	18.4	14.6	22.0

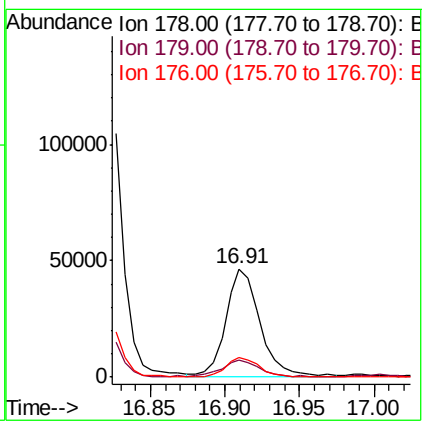


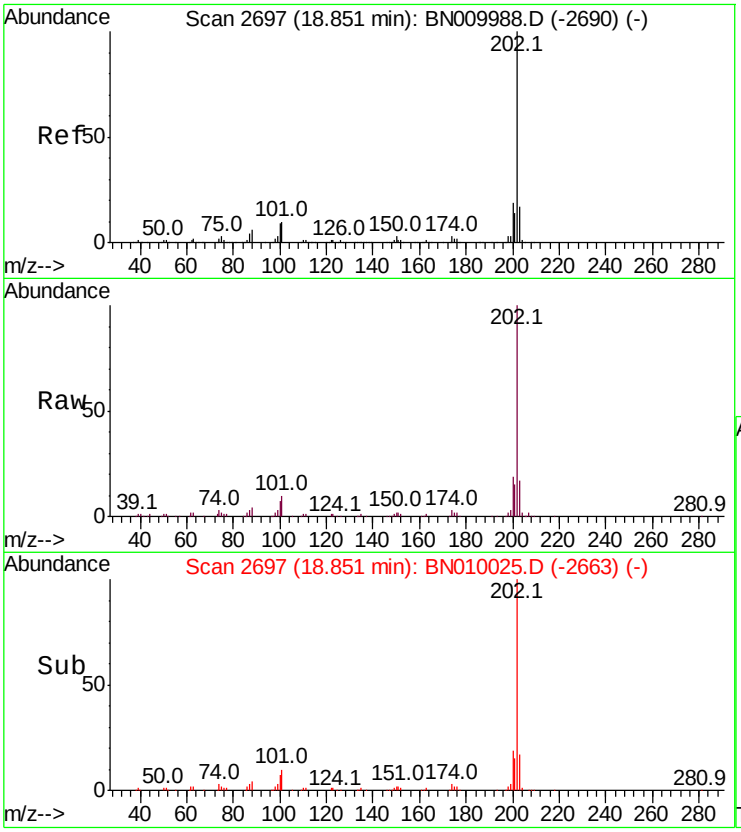


#72
Anthracene
Concen: 2.279 ng/ul
RT: 16.91 min Scan# 2367
Delta R.T. -0.00 min
Lab File: BN010025.D
Acq: 29 Feb 2020 15:25

Tgt Ion:178 Resp: 73445

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.2
176	18.2	14.6	21.8



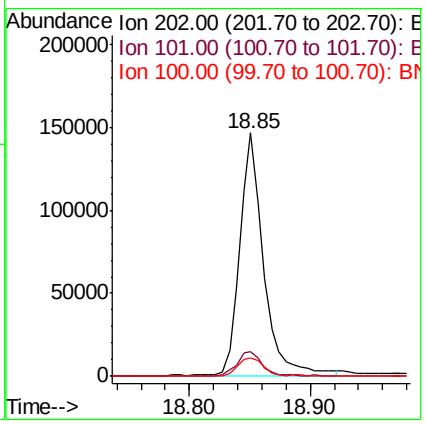


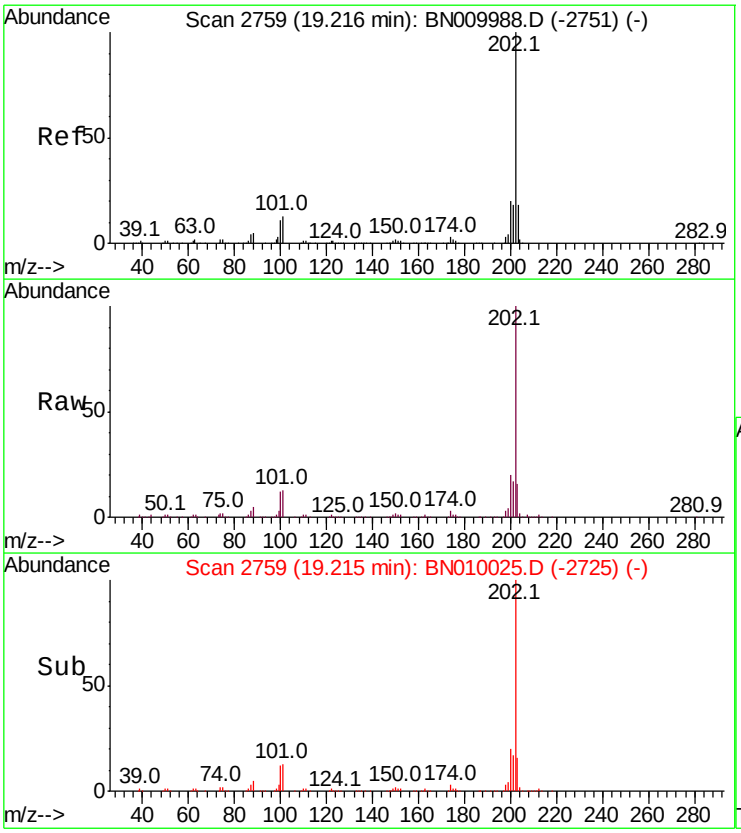
#77
Fluoranthene
Concen: 5.426 ng/ul
RT: 18.85 min Scan# 2697
Delta R.T. -0.00 min
Lab File: BN010025.D
Acq: 29 Feb 2020 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 200393

Ion	Ratio	Lower	Upper
202	100		
101	10.1	9.4	14.2
100	7.5	7.2	10.8

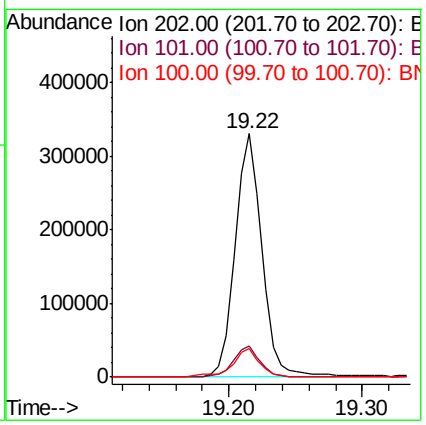


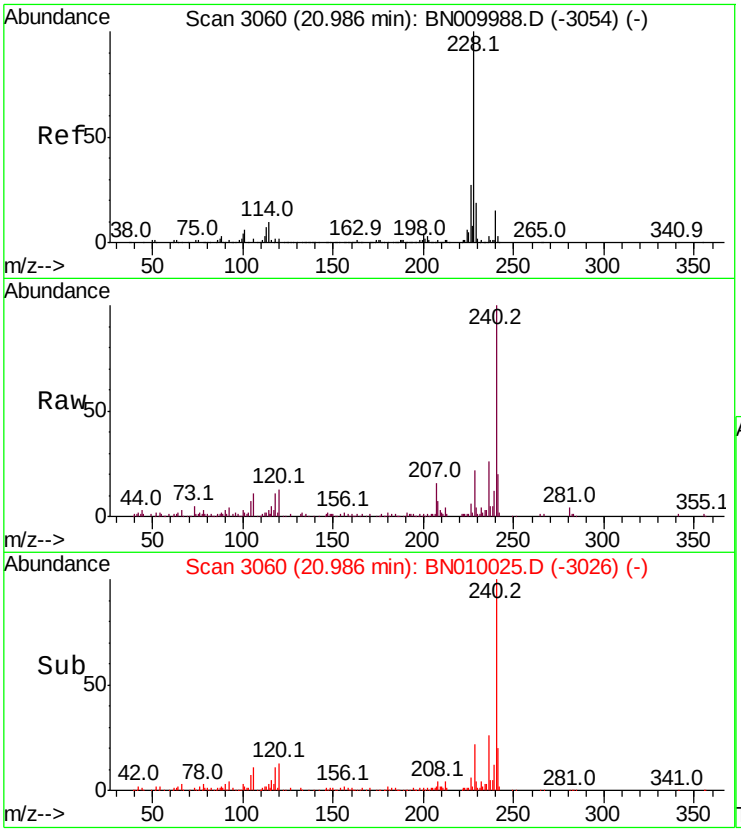


#80
Pyrene
Concen: 13.049 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. -0.00 min
Lab File: BN010025.D
Acq: 29 Feb 2020 15:25

Tgt Ion:202 Resp: 455815

Ion	Ratio	Lower	Upper
202	100		
101	12.9	11.3	16.9
100	11.6	9.0	13.6



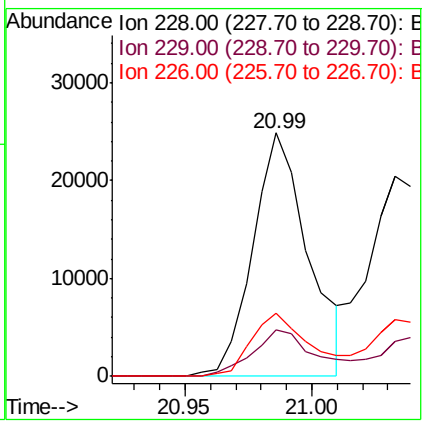


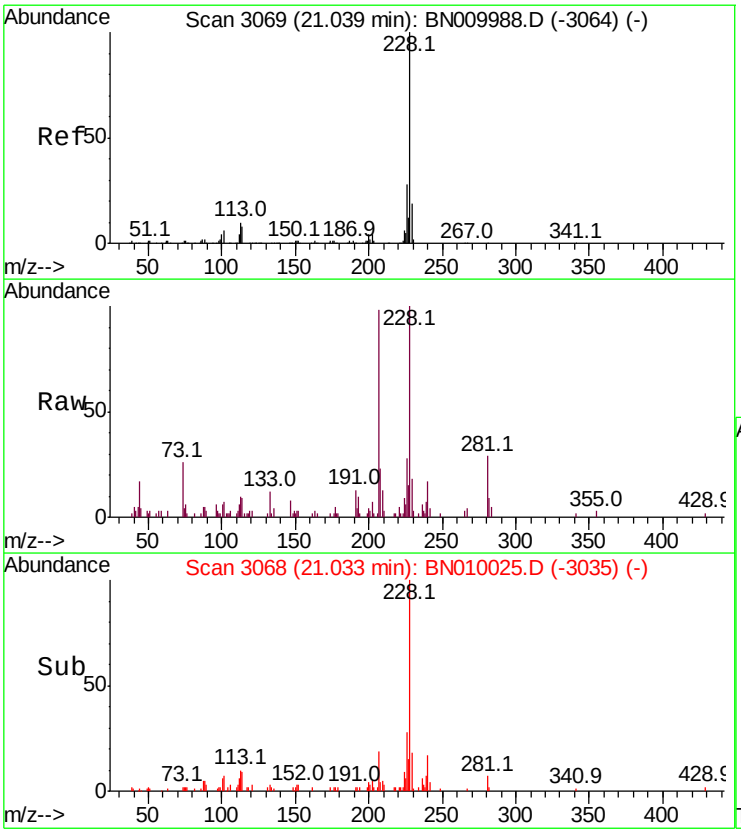
#83
Benzo(a)anthracene
Concen: 1.138 ng/ul
RT: 20.99 min Scan# 3060
Delta R.T. -0.00 min
Lab File: BN010025.D
Acq: 29 Feb 2020 15:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 37895

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.0	22.4
226	25.8	21.4	32.2





#85
Chrysene
Concen: 1.164 ng/ul
RT: 21.03 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN010025.D
Acq: 29 Feb 2020 15:25

Tgt Ion:228 Resp: 38167

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.2
229	17.7	15.0	22.4