Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122718\
Data File : BN004245.D
Acq On : 27 Dec 2018 17:40
Operator : JU/SJ
Sample : J6489-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9F76

Quant Time: Dec 28 00:31:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 00:28:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	36555	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	171863	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	103847	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	221029	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	294218	20.00	ng/ul	0.01
85) Perylene-d12	23.72	264	298215	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	1867	3.34	ng/uL	0.00
5) Phenol-d5	6.99	99	46642	12.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	33061	16.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	42711	15.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	21752	7.22	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	23172	17.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	26682	17.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	43455	15.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	40099	15.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	148476	16.02	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	175462	15.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	17036	8.89	ng/ul	0.01
57) Fluorene-d10	15.45	176	131326	16.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	16059	10.09	ng/ul	0.01
70) Anthracene-d10	17.31	188	183511	16.43	ng/ul	0.00
78) Pyrene-d10	19.61	212	210578	16.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	256920	15.88	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.02	94	8878	2.447	ng/ul	98
17) Hexachloroethane	8.91	117	2272	2.223	ng/ul#	6
32) Caprolactam	11.60	113	7790	7.078	ng/ul#	63
44) Dimethylphthalate	13.91	163	28903	3.194	ng/ul	99
49) Acenaphthene	14.53	153	13862	1.858	ng/ul	91
54) 2,4-Dinitrotoluene	14.85	165	3503	1.226	ng/ul#	13
58) Fluorene	15.51	166	112396	12.746	ng/ul	99
64) N-Nitrosodiphenylamine	15.61	169	8002	1.196	ng/ul	93
69) Phenanthrene	17.26	178	2145413	167.994	ng/ul	98
71) Anthracene	17.35	178	127937	9.773	ng/ul	96
74) Carbazole	17.62	167	28111	2.337	ng/ul#	82
76) Fluoranthene	19.27	202	242067	15.464	ng/ul	98
79) Pyrene	19.64	202	710299	43.213	ng/ul	100
82) Benzo(a)anthracene	21.44	228	508345	27.708	ng/ul	93
84) Chrysene	21.44	228	507750	29.547	ng/ul	96
87) Benzo(b)fluoranthene	23.02	252	96399	5.396	ng/ul#	91
88) Benzo(k)fluoranthene	23.02	252	96325	5.759	ng/ul#	90
90) Benzo(a)pyrene	23.62	252	83838	4.873	ng/ul#	94
92) Dibenzo(a,h)anthracene	26.07	278	18732	1.005	ng/ul#	57
93) Benzo(g,h,i)perylene	26.82	276	31143	1.659	ng/ul	97

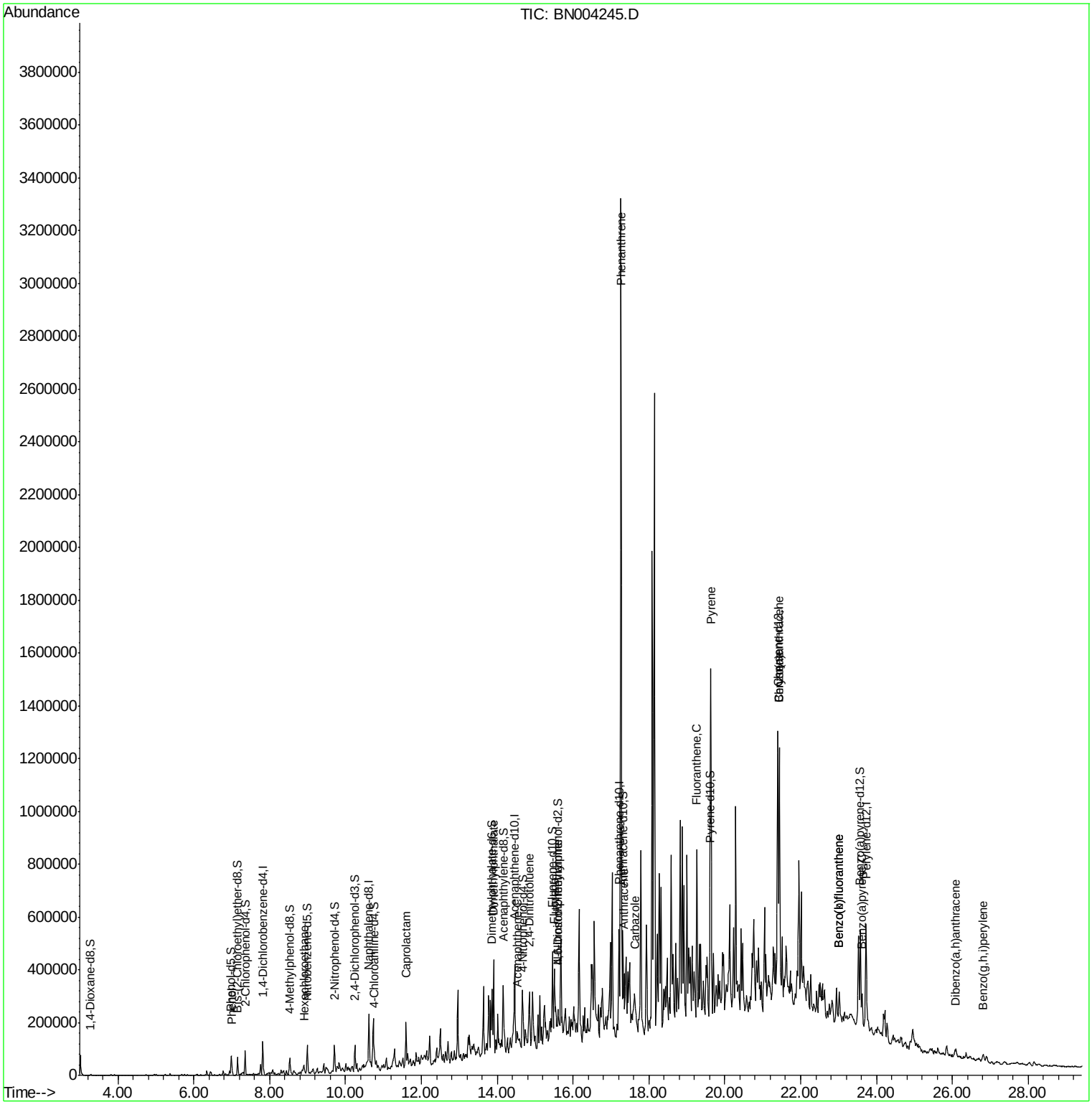
(#) = qualifier out of range (m) = manual integration (+) = signals summed

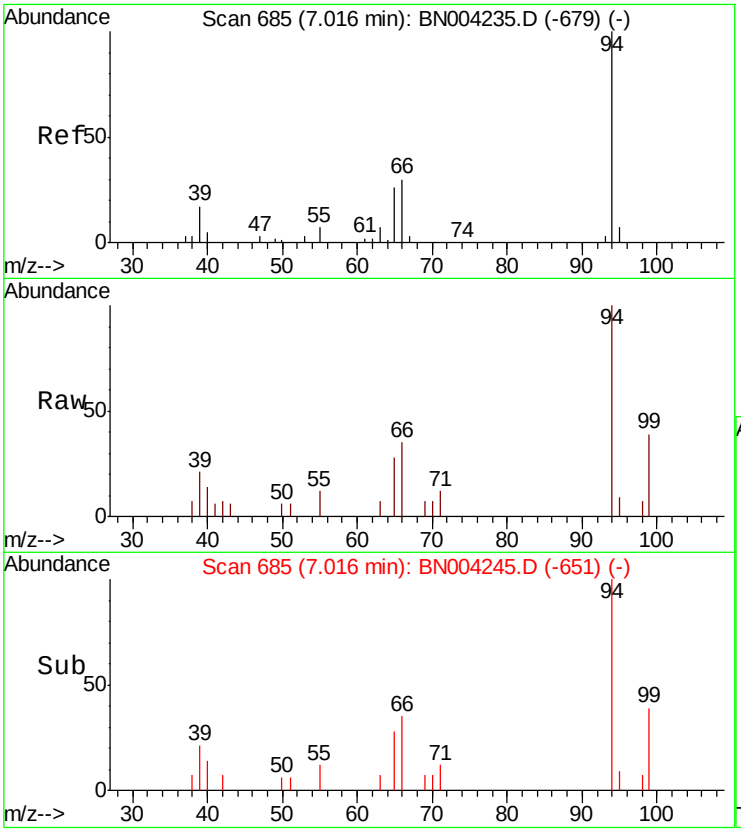
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122718\
Data File : BN004245.D
Acq On : 27 Dec 2018 17:40
Operator : JU/SJ
Sample : J6489-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9F76

Quant Time: Dec 28 00:31:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 00:28:03 2018
Response via : Initial Calibration



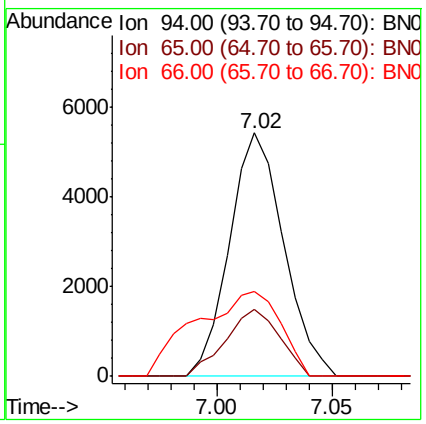


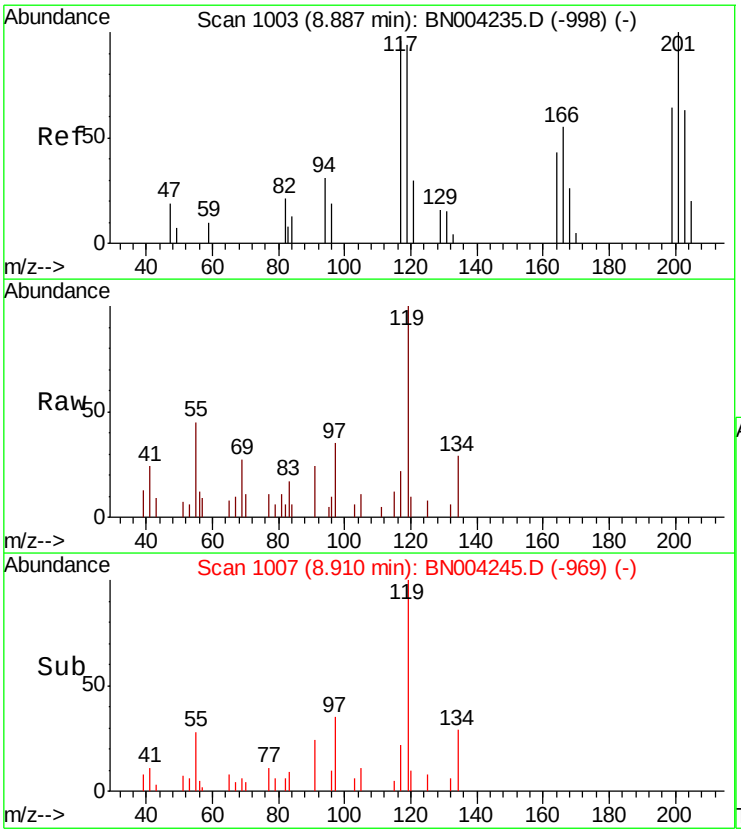
#6
Phenol
Concen: 2.447 ng/ul
RT: 7.02 min Scan# 685
Delta R.T. 0.00 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

Instrument : MSVOA_W
ClientSampleId : F9F76

Tgt Ion: 94 Resp: 8878

Ion	Ratio	Lower	Upper
94	100		
65	27.6	21.2	31.8
66	34.7	26.9	40.3

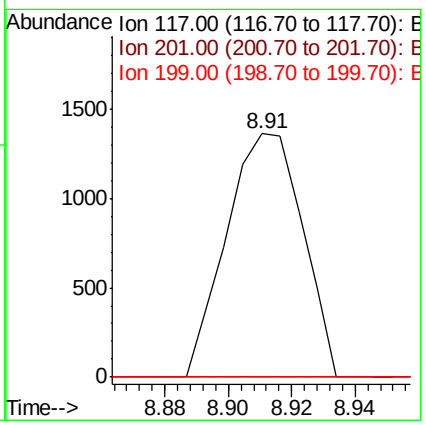


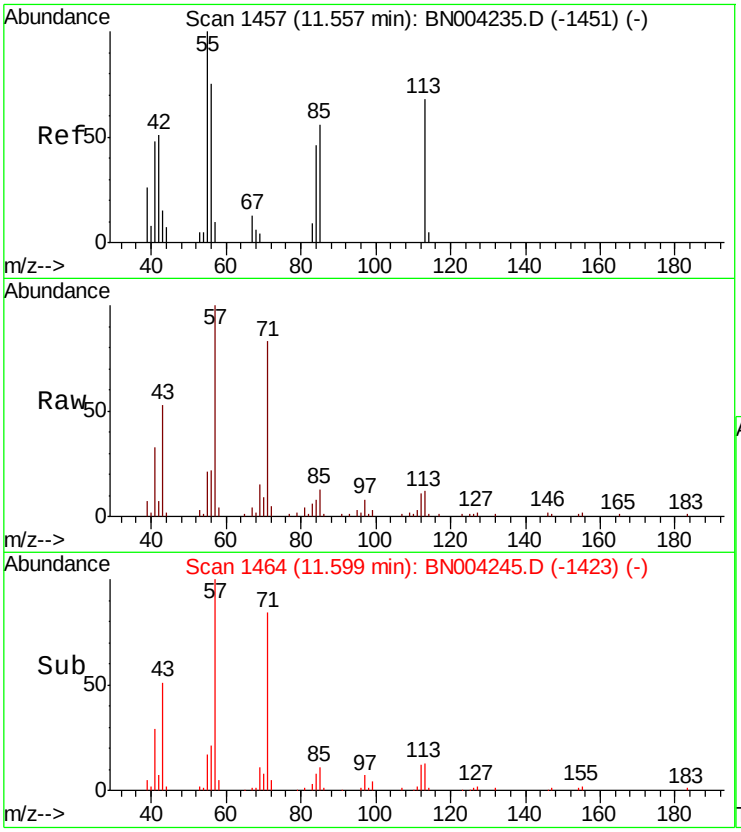


#17
Hexachloroethane
Concen: 2.223 ng/ul
RT: 8.91 min Scan# 1007
Delta R.T. 0.02 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

Tgt Ion:117 Resp: 2272

Ion	Ratio	Lower	Upper
117	100		
201	0.0	82.1	123.1#
199	0.0	50.6	76.0#



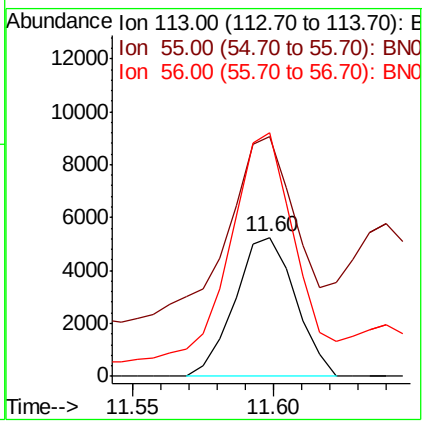


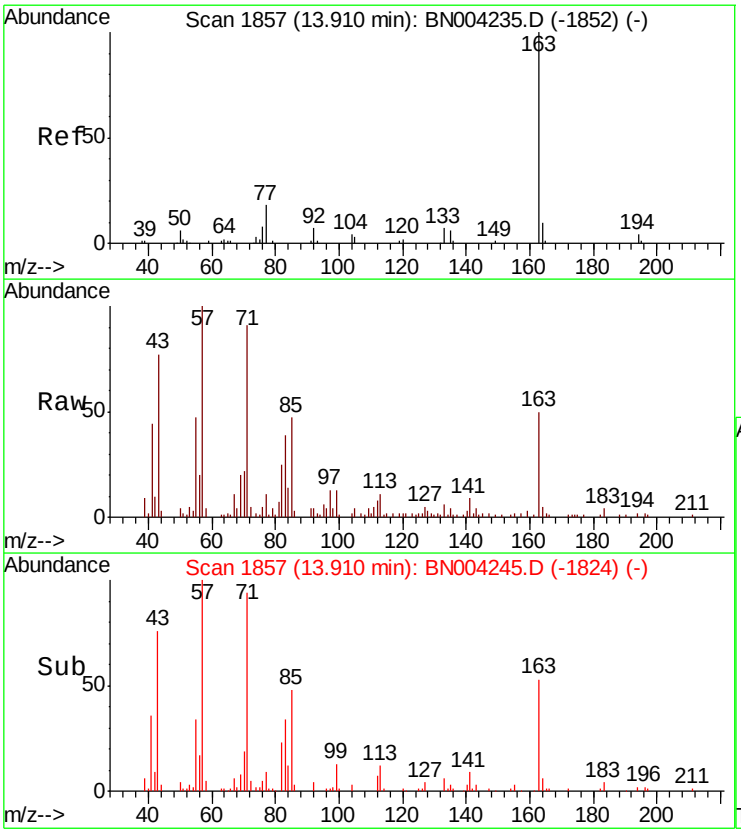
#32
Caprolactam
Concen: 7.078 ng/ul
RT: 11.60 min Scan# 1464
Delta R.T. 0.04 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

Instrument :
MSVOA_W
ClientSampleId :
F9F76

Tgt Ion:113 Resp: 7790

Ion	Ratio	Lower	Upper
113	100		
55	172.3	116.6	175.0
56	175.1	89.9	134.9#

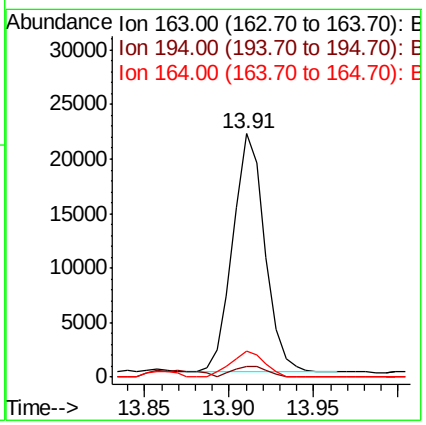


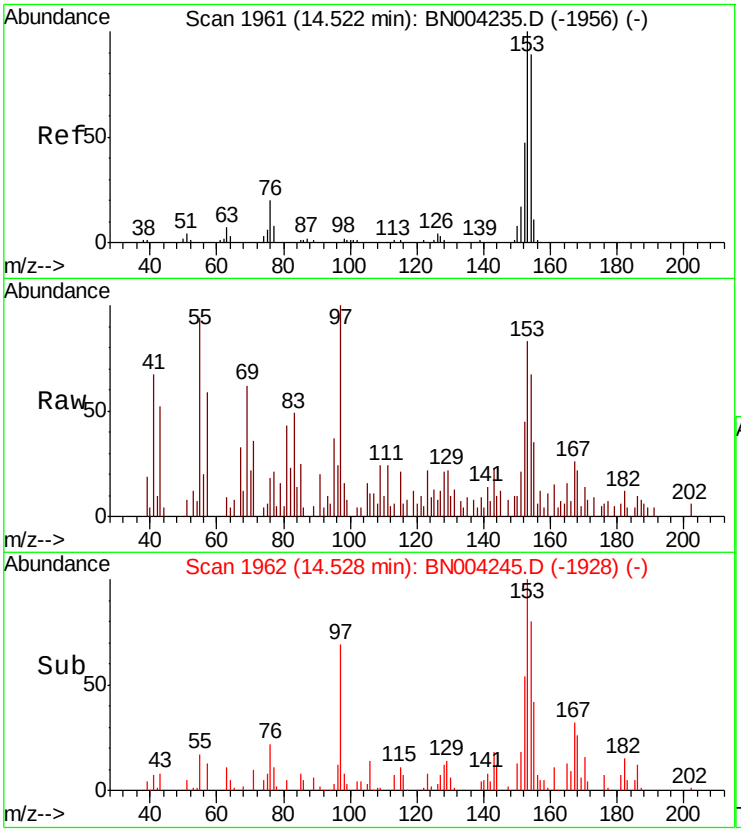


#44
Dimethylphthalate
Concen: 3.194 ng/ul
RT: 13.91 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

Tgt Ion:163 Resp: 28903

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	10.5	7.9	11.9



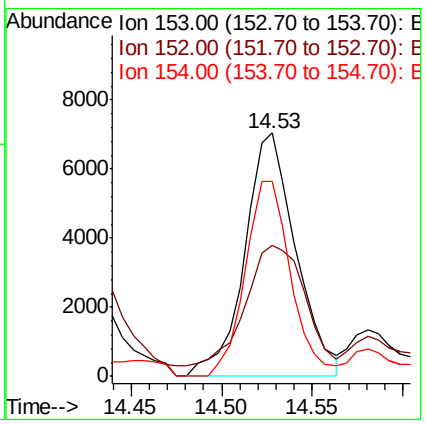


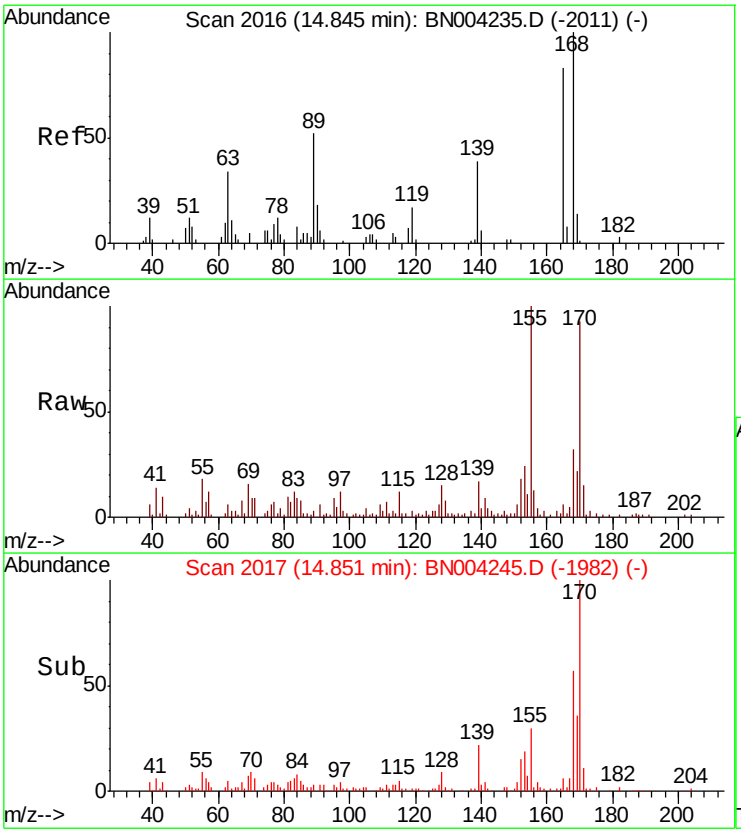
#49
Acenaphthene
Concen: 1.858 ng/ul
RT: 14.53 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

Instrument :
MSVOA_W
ClientSampleId :
F9F76

Tgt Ion:153 Resp: 13862

Ion	Ratio	Lower	Upper
153	100		
152	53.8	37.8	56.6
154	80.2	71.0	106.6

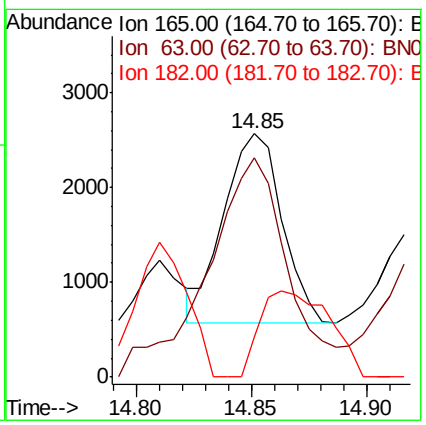


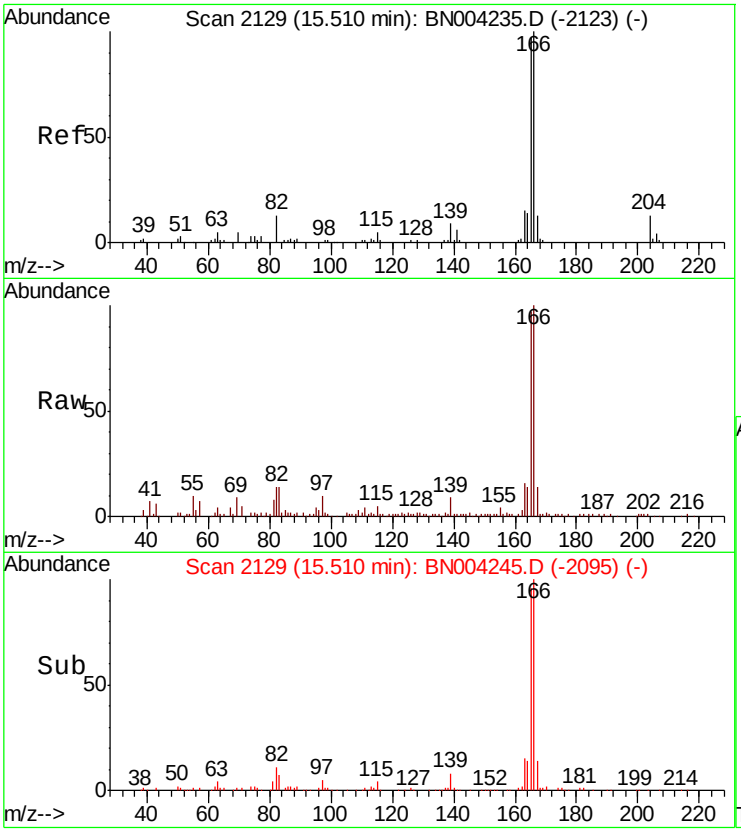


#54
2,4-Dinitrotoluene
Concen: 1.226 ng/ul
RT: 14.85 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

Tgt Ion:165 Resp: 3503

Ion	Ratio	Lower	Upper
165	100		
63	90.0	29.0	43.6#
182	16.3	2.4	3.6#



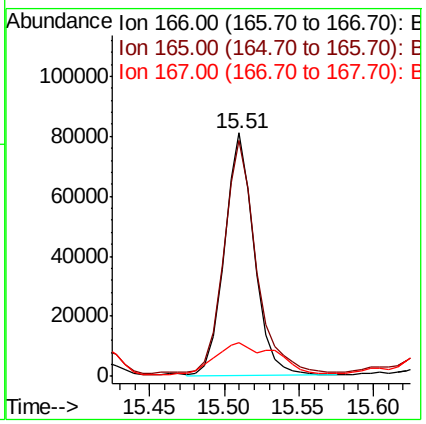


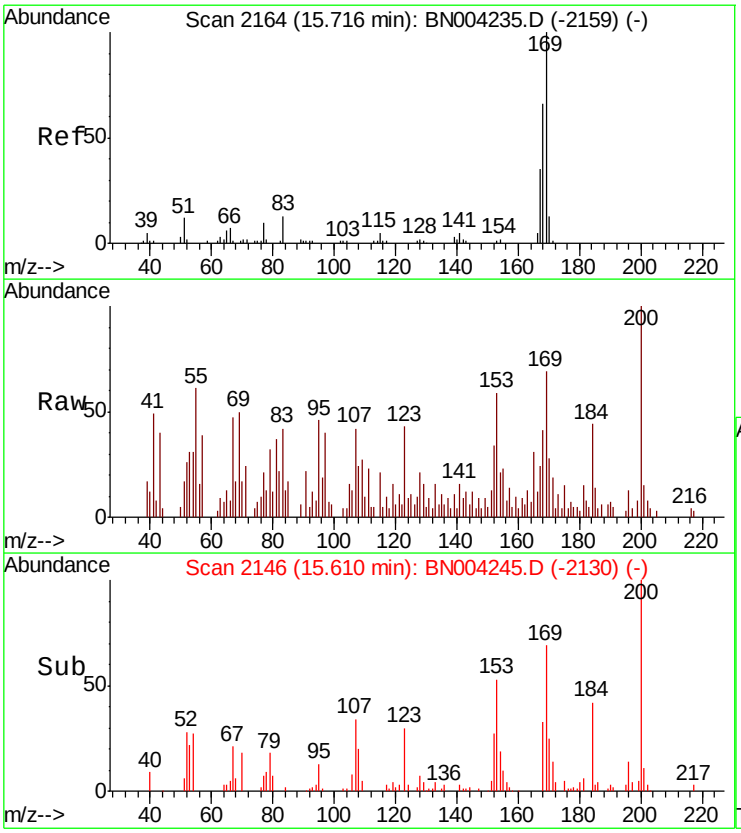
#58
Fluorene
Concen: 12.746 ng/ul
RT: 15.51 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

Instrument :
MSVOA_W
ClientSampleId :
F9F76

Tgt Ion:166 Resp: 112396

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.6	117.8
167	13.9	10.3	15.5

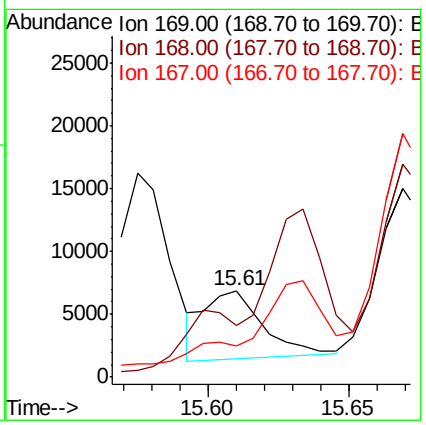


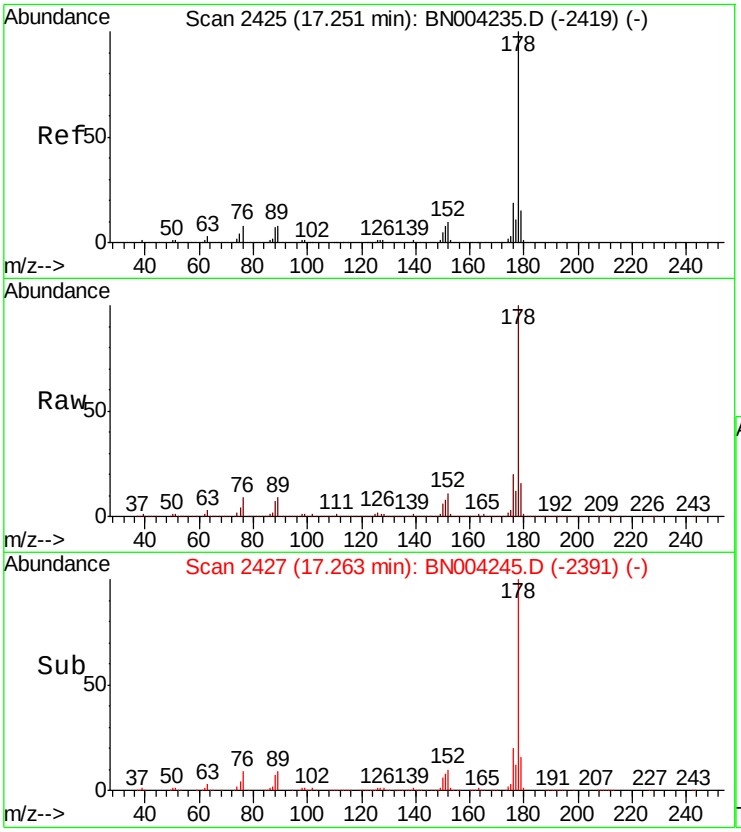


#64
N-Nitrosodiphenylamine
Concen: 1.196 ng/ul
RT: 15.61 min Scan# 2146
Delta R.T. -0.11 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

Tgt Ion:169 Resp: 8002

Ion	Ratio	Lower	Upper
169	100		
168	59.3	53.7	80.5
167	35.5	28.6	42.8



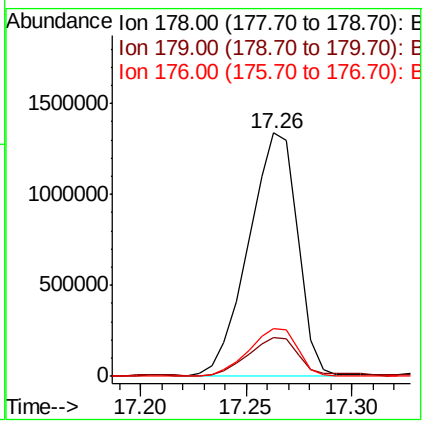


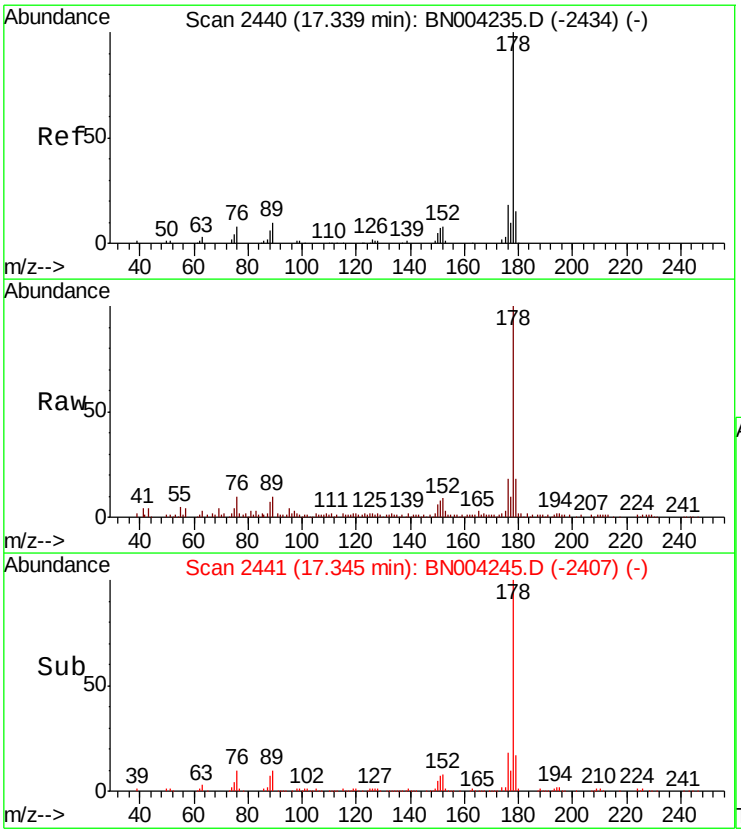
#69
Phenanthrene
Concen: 167.994 ng/ul
RT: 17.26 min Scan# 2427
Delta R.T. 0.01 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

Instrument :
MSVOA_W
ClientSampleId :
F9F76

Tgt Ion:178 Resp: 2145413

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.1	18.1
176	19.7	15.0	22.6

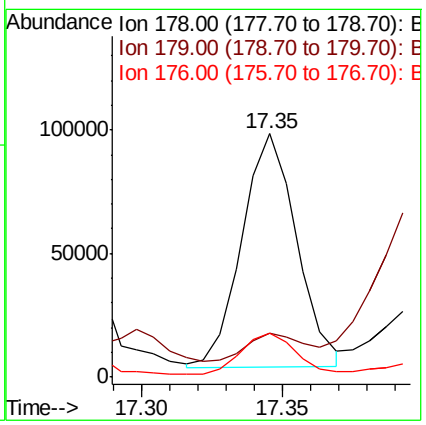


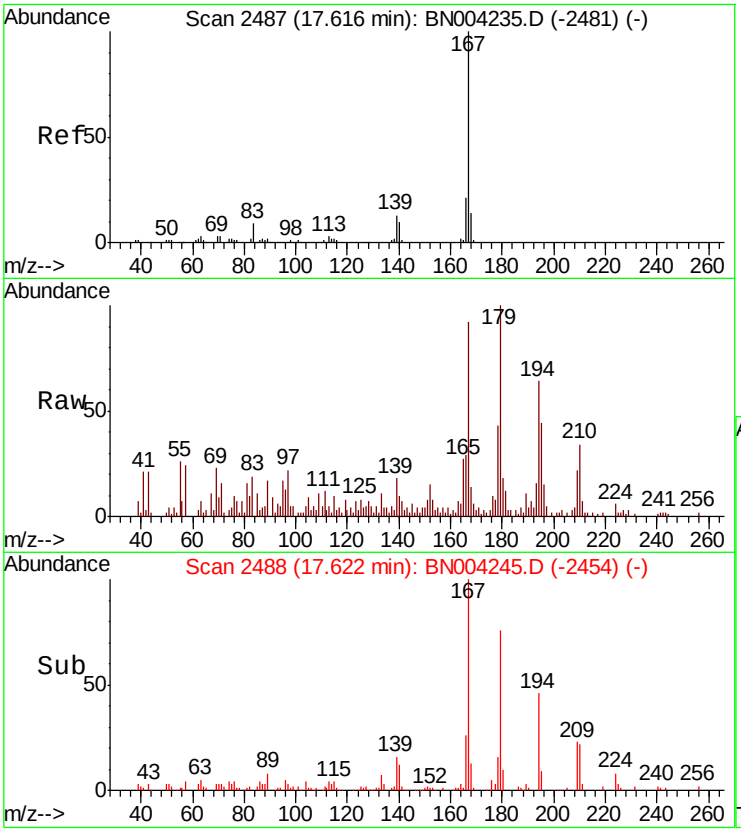


#71
Anthracene
Concen: 9.773 ng/ul
RT: 17.35 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

Tgt Ion:178 Resp: 127937

Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.1	18.1
176	18.2	15.2	22.8



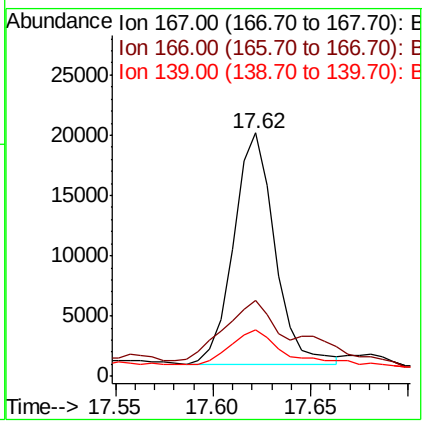


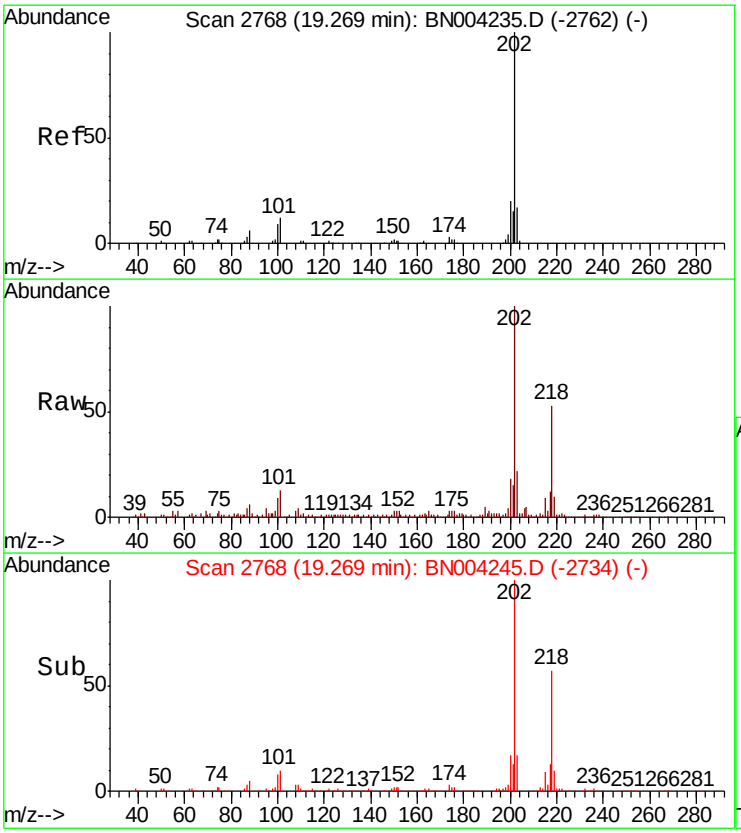
#74
Carbazole
Concen: 2.337 ng/ul
RT: 17.62 min Scan# 2488
Delta R.T. 0.00 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

Instrument :
MSVOA_W
ClientSampleId :
F9F76

Tgt Ion:167 Resp: 28111

Ion	Ratio	Lower	Upper
167	100		
166	30.9	17.4	26.0#
139	19.2	10.2	15.2#

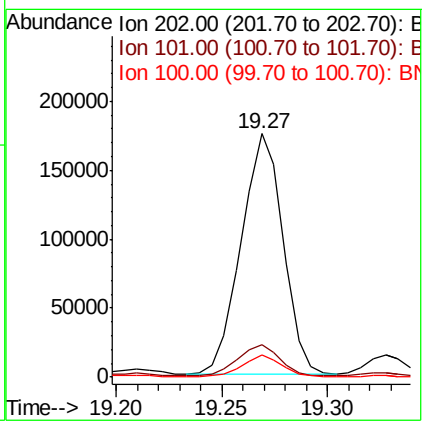


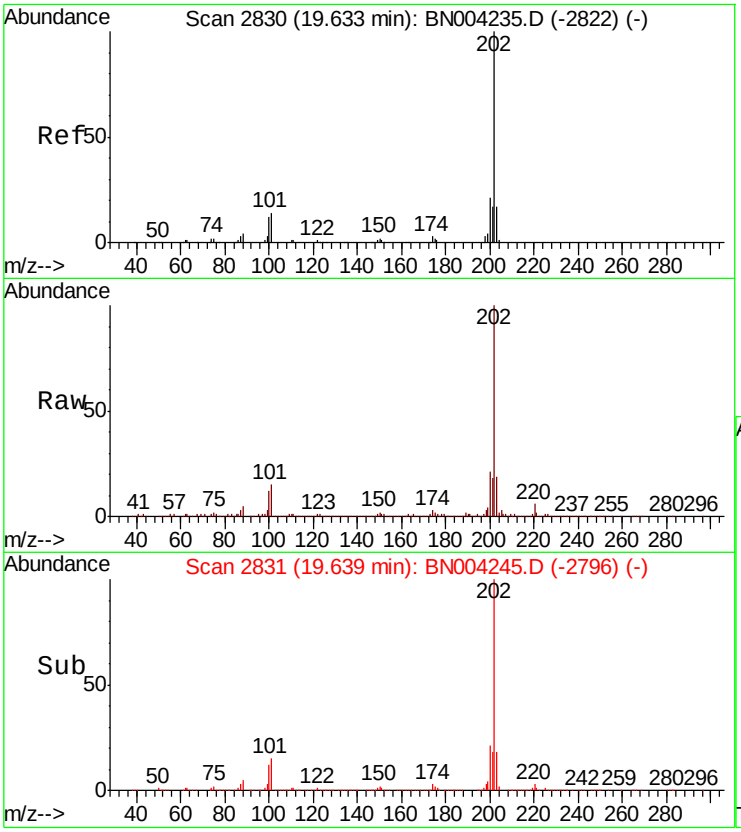


#76
Fluoranthene
Concen: 15.464 ng/ul
RT: 19.27 min Scan# 2768
Delta R.T. 0.00 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

Tgt Ion:202 Resp: 242067

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.2	15.2
100	9.0	7.8	11.8



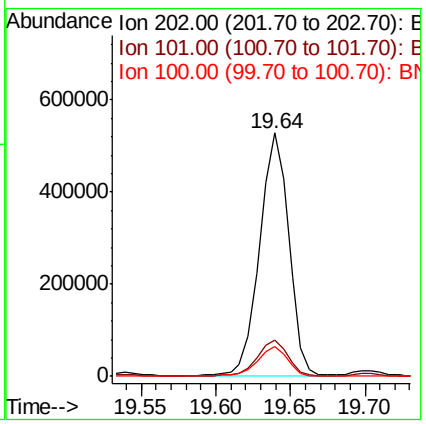


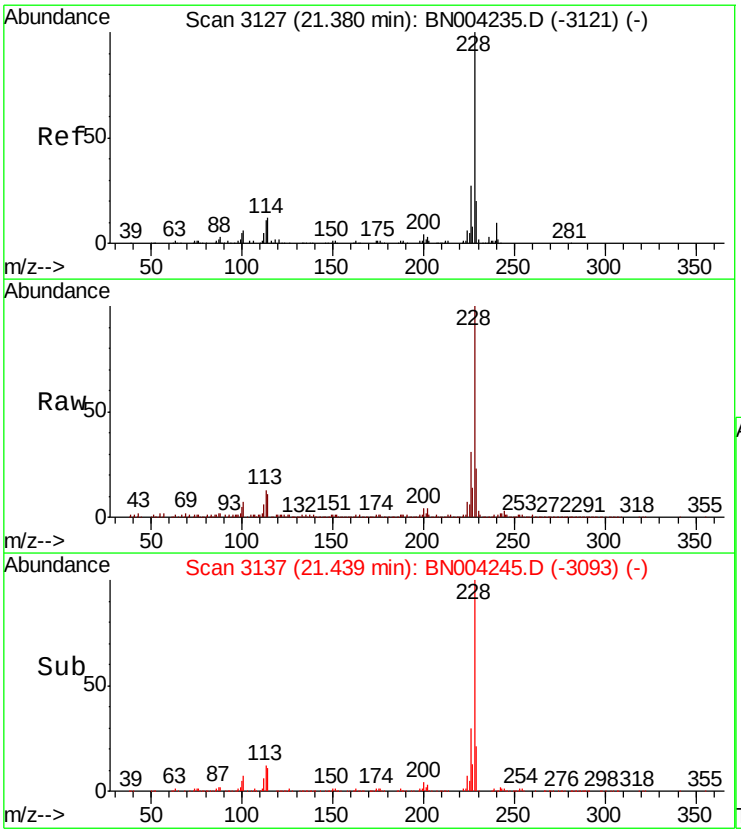
#79
Pyrene
Concen: 43.213 ng/ul
RT: 19.64 min Scan# 2831
Delta R.T. 0.01 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

Instrument :
MSVOA_W
ClientSampleId :
F9F76

Tgt Ion:202 Resp: 710299

Ion	Ratio	Lower	Upper
202	100		
101	15.1	12.2	18.2
100	12.3	9.9	14.9

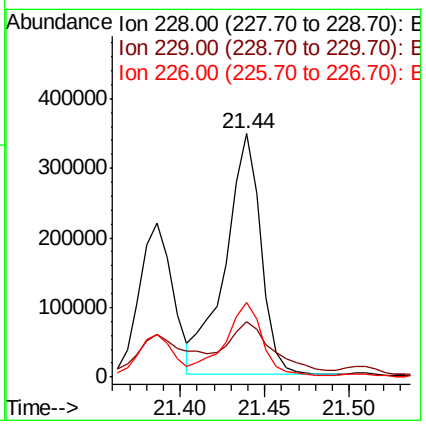


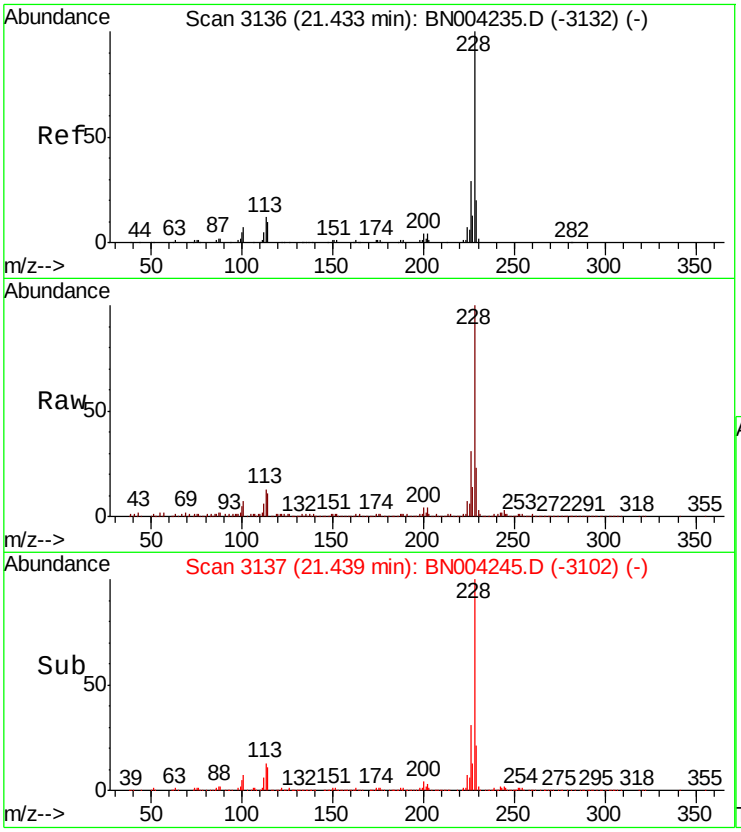


#82
Benzo(a)anthracene
Concen: 27.708 ng/ul
RT: 21.44 min Scan# 3137
Delta R.T. 0.06 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

Tgt Ion:228 Resp: 508345

Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.9	23.9
226	30.8	21.4	32.2



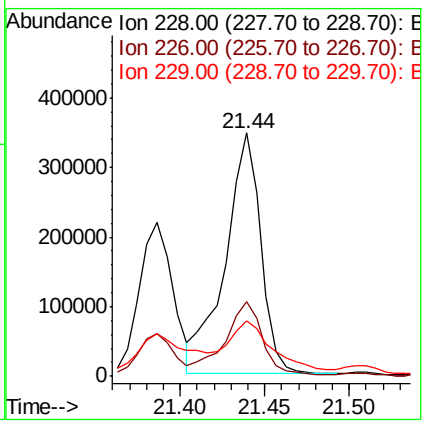


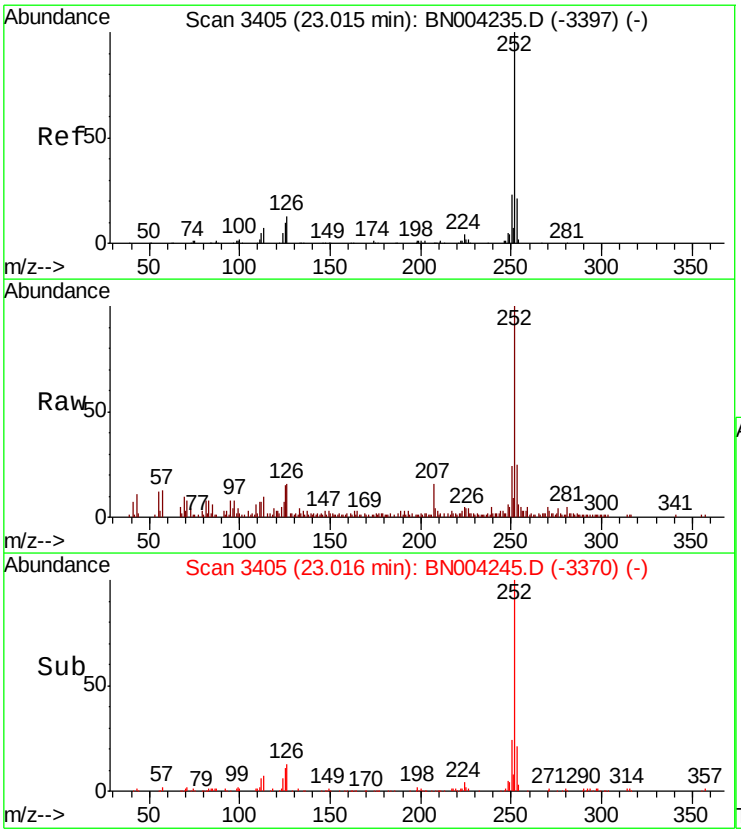
#84
Chrysene
Concen: 29.547 ng/ul
RT: 21.44 min Scan# 3137
Delta R.T. 0.01 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

Instrument :
MSVOA_W
ClientSampleId :
F9F76

Tgt Ion:228 Resp: 507750

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.8
229	22.8	15.8	23.6

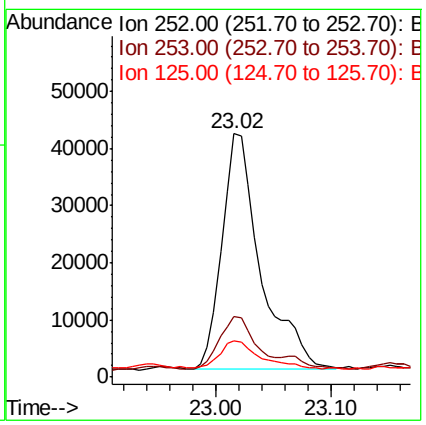


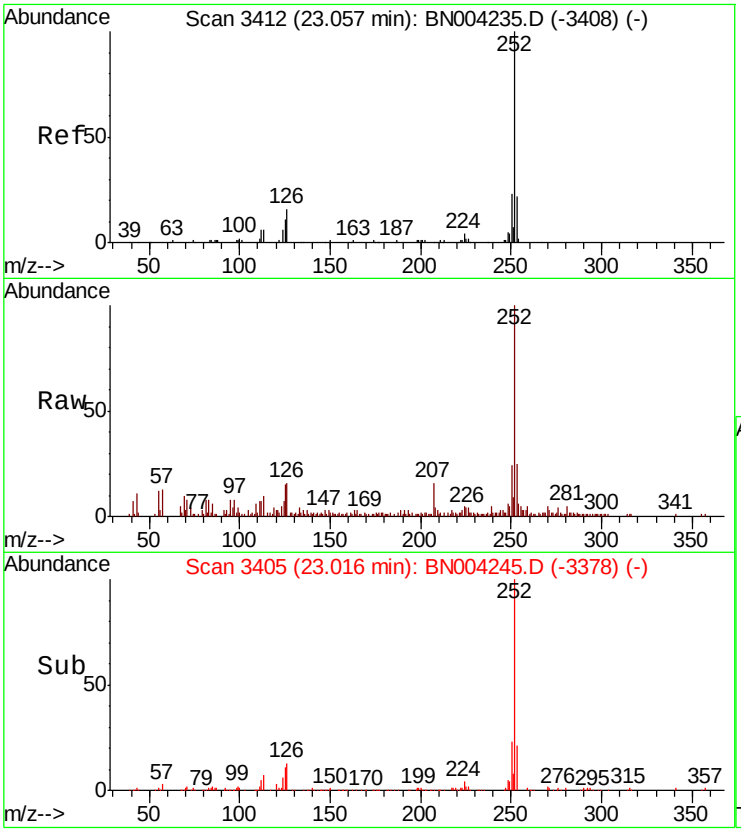


#87
Benzo(b)fluoranthene
Concen: 5.396 ng/ul
RT: 23.02 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

Tgt Ion:252 Resp: 96399

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.3	25.9
125	14.7	8.2	12.4#



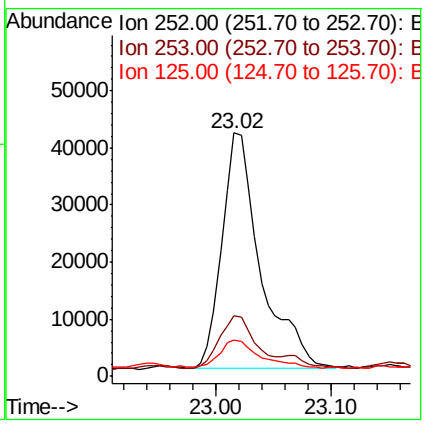


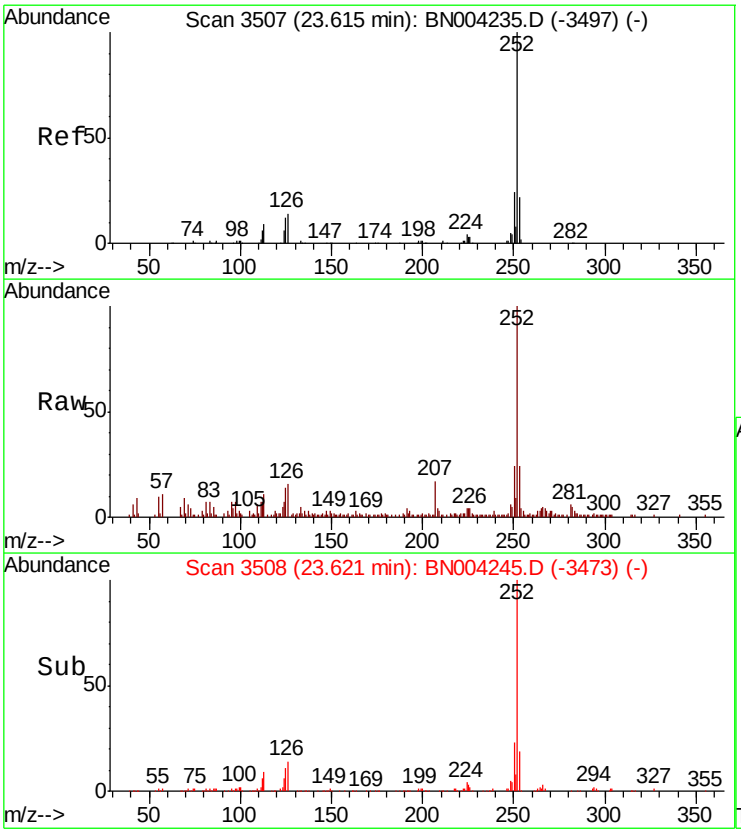
#88
Benzo(k)fluoranthene
Concen: 5.759 ng/ul
RT: 23.02 min Scan# 3405
Delta R.T. -0.04 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

Instrument :
MSVOA_W
ClientSampleId :
F9F76

Tgt Ion:252 Resp: 96325

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	14.7	7.9	11.9#

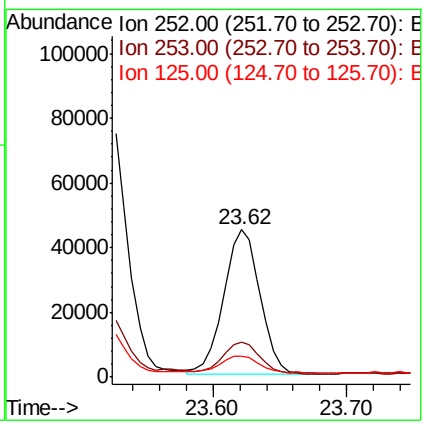


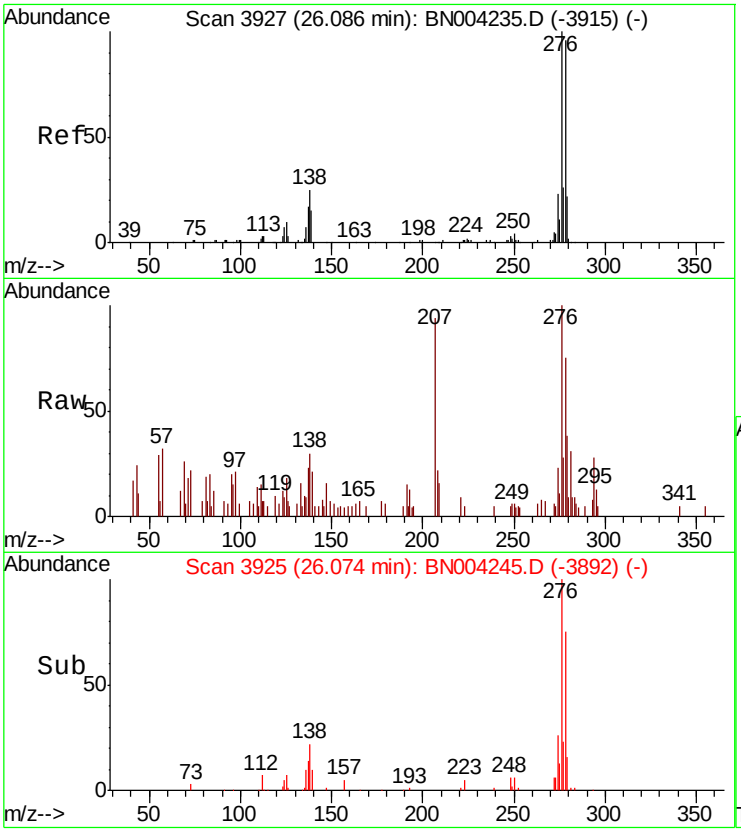


#90
Benzo(a)pyrene
Concen: 4.873 ng/ul
RT: 23.62 min Scan# 3508
Delta R.T. 0.01 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

Tgt Ion:252 Resp: 83838

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	14.5	9.1	13.7#



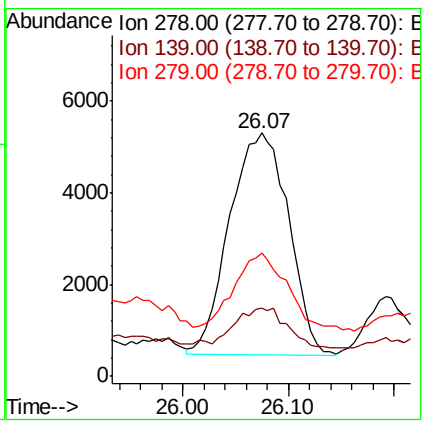


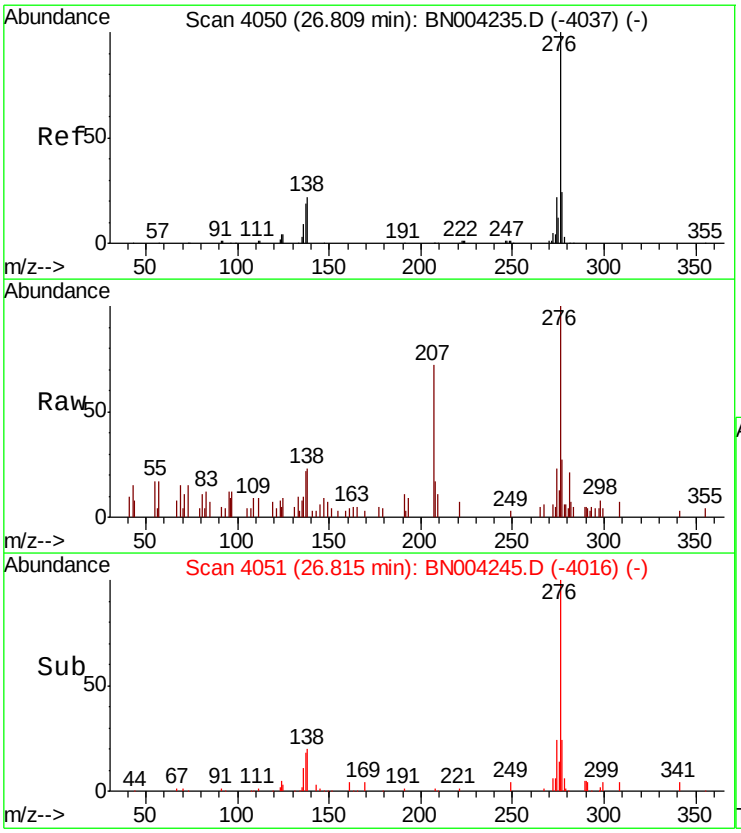
#92
Dibenzo(a,h)anthracene
Concen: 1.005 ng/ul
RT: 26.07 min Scan# 3925
Delta R.T. -0.01 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

Instrument :
MSVOA_W
ClientSampleId :
F9F76

Tgt Ion:278 Resp: 18732

Ion	Ratio	Lower	Upper
278	100		
139	28.0	13.3	19.9#
279	50.7	19.0	28.6#





#93
Benzo(g,h,i)perylene
Concen: 1.659 ng/ul
RT: 26.82 min Scan# 4051
Delta R.T. 0.01 min
Lab File: BN004245.D
Acq: 27 Dec 2018 17:40

Tgt Ion:276 Resp: 31143

Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.2	27.4
277	26.7	19.0	28.6