Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001946.D
Acq On : 03 Jul 2018 16:41
Operator : JU/SJ
Sample : J3721-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H24

Quant Time: Jul 04 01:19:15 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	585055	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2691914	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1653974	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3756386	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	3669593	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	3212047	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	58433	4.34	ng/uL	0.00
5) Phenol-d5	6.88	99	1279141	24.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	833454	25.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1046116	24.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	1052317	24.81	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	540165	27.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	609363	29.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1092206	24.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1439291	31.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	3572240	25.58	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	4390117	25.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	477486	18.56	ng/ul	0.00
57) Fluorene-d10	15.33	176	3094558	25.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	418346	20.45	ng/ul	0.00
70) Anthracene-d10	17.18	188	4690375	25.84	ng/ul	0.00
76) Pyrene-d10	19.48	212	5245906	28.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	4716249	27.00	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.91	94	78318	1.467	ng/ul	98
44) Dimethylphthalate	13.80	163	1698623	12.374	ng/ul	99
74) Fluoranthene	19.15	202	431971	1.942	ng/ul#	90
77) Pyrene	19.51	202	489663	2.132	ng/ul#	88
80) Benzo(a)anthracene	21.26	228	311851	1.345	ng/ul	97
82) Chrysene	21.32	228	417106	1.933	ng/ul	99
85) Benzo(b)fluoranthene	22.84	252	684813	3.376	ng/ul#	94
88) Benzo(a)pyrene	23.41	252	335377	1.769	ng/ul#	95

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

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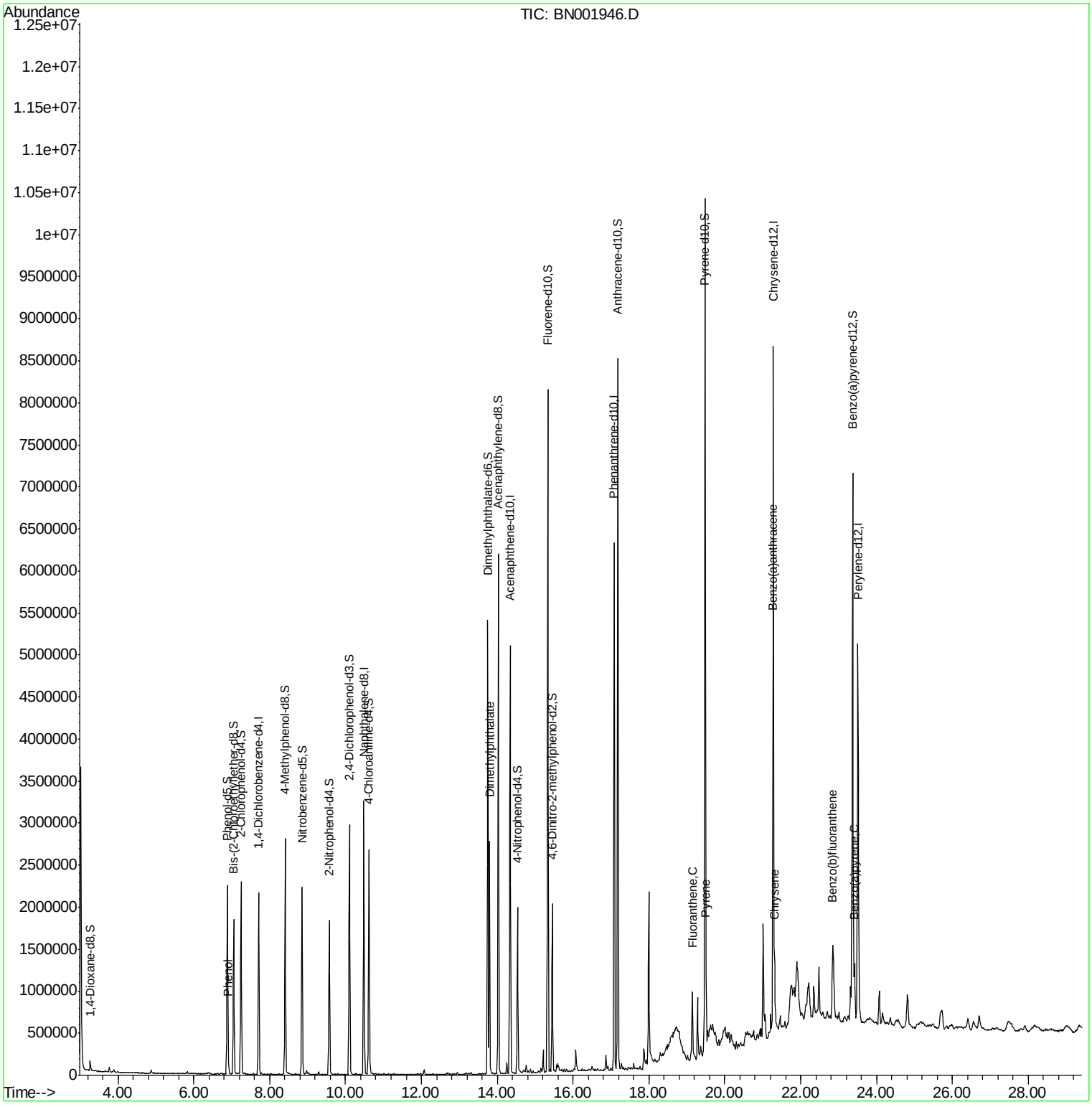
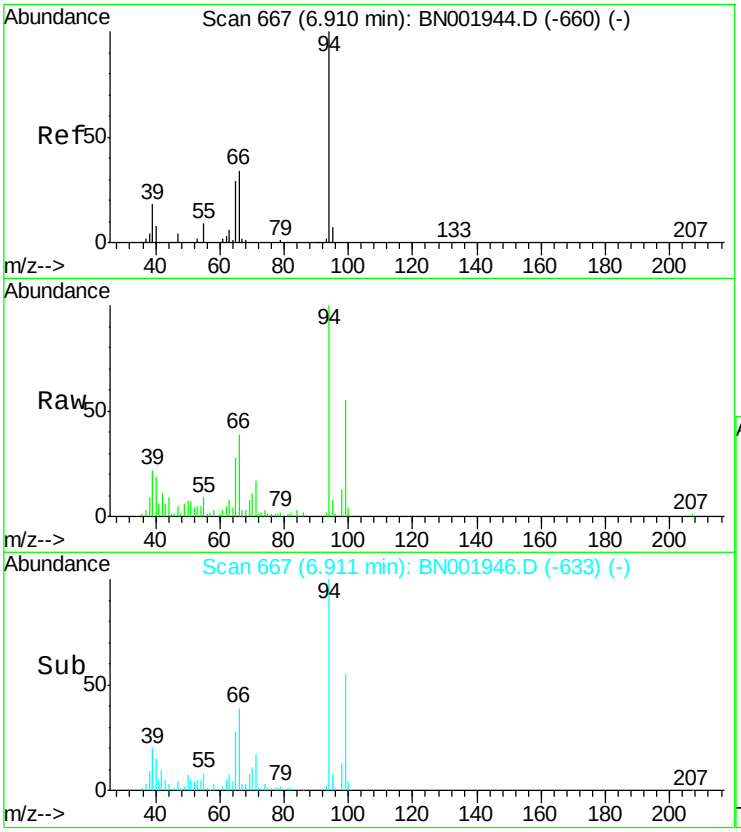


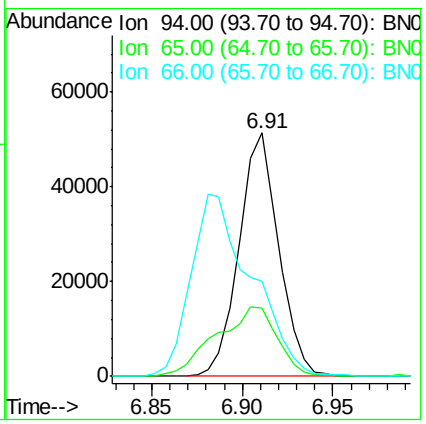


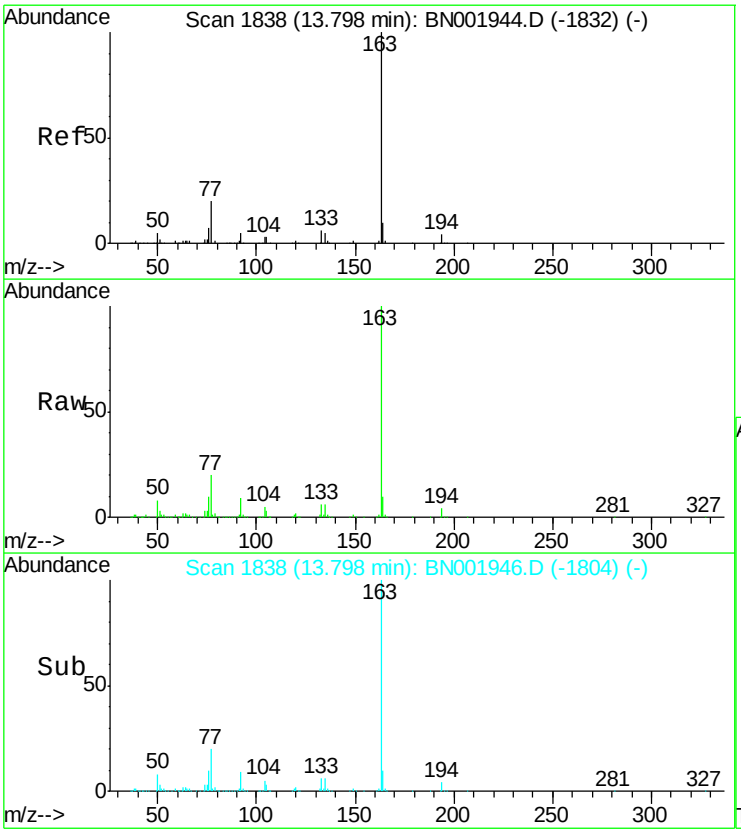
#6
Phenol
Concen: 1.467 ng/ul
RT: 6.91 min Scan# 667
Delta R.T. 0.00 min
Lab File: BN001946.D
Acq: 03 Jul 2018 16:41

Instrument :
BNA_N
ClientSampleId :
F1H24

Tgt Ion: 94 Resp: 78318

Ion	Ratio	Lower	Upper
94	100		
65	27.8	23.0	34.6
66	39.0	30.4	45.6

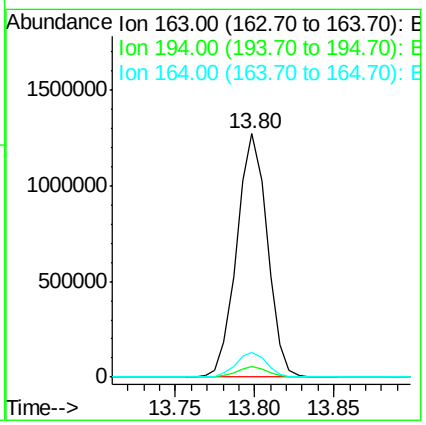


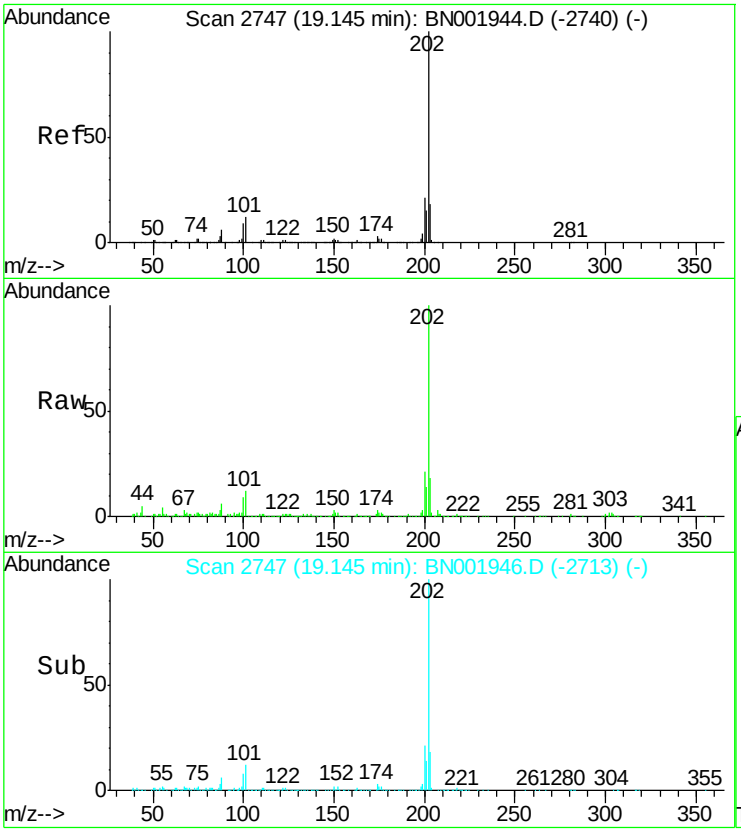


#44
Dimethylphthalate
Concen: 12.374 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BN001946.D
Acq: 03 Jul 2018 16:41

Tgt Ion:163 Resp: 1698623

Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.0	6.0
164	10.2	8.4	12.6



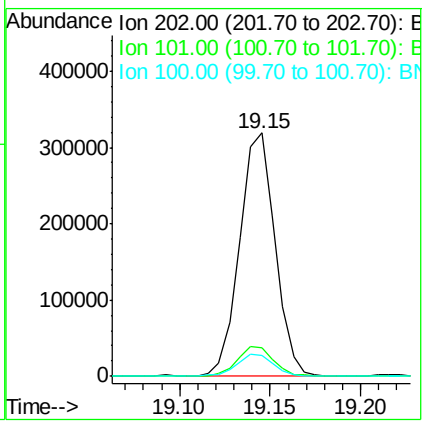


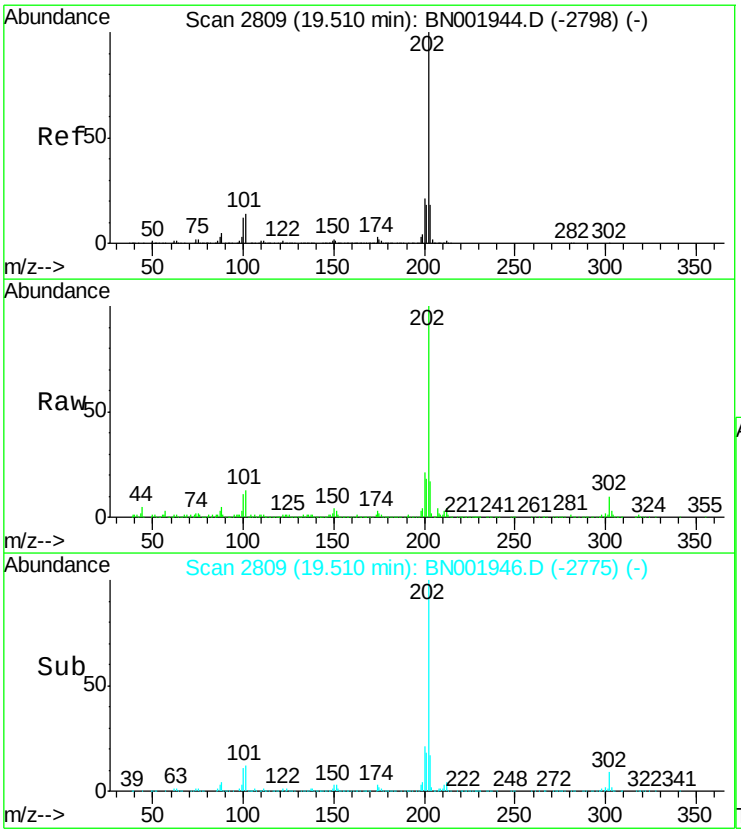
#74
Fluoranthene
Concen: 1.942 ng/ul
RT: 19.15 min Scan# 2747
Delta R.T. 0.00 min
Lab File: BN001946.D
Acq: 03 Jul 2018 16:41

Instrument :
BNA_N
ClientSampleId :
F1H24

Tgt Ion:202 Resp: 431971

Ion	Ratio	Lower	Upper
202	100		
101	11.9	6.1	9.1#
100	8.5	4.6	7.0#

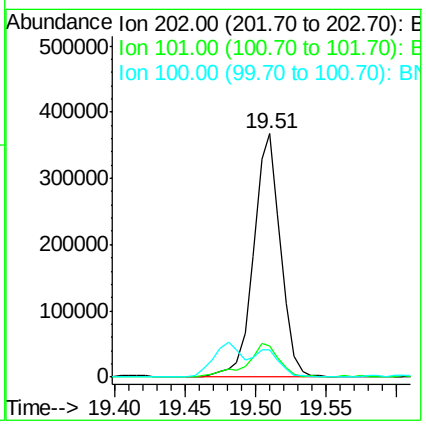


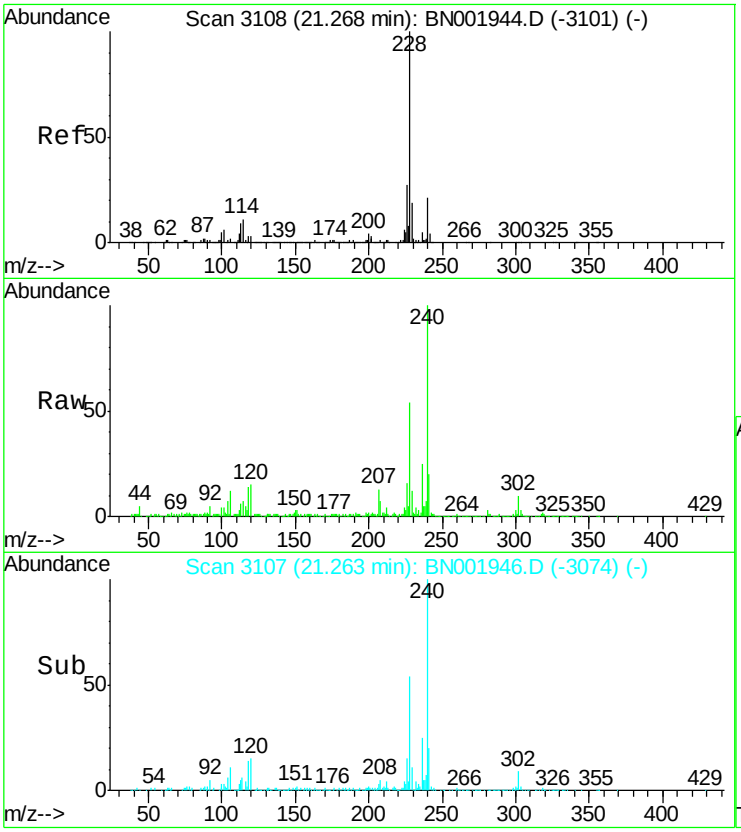


#77
Pyrene
Concen: 2.132 ng/ul
RT: 19.51 min Scan# 2809
Delta R.T. 0.00 min
Lab File: BN001946.D
Acq: 03 Jul 2018 16:41

Tgt Ion:202 Resp: 489663

Ion	Ratio	Lower	Upper
202	100		
101	12.8	6.9	10.3#
100	11.1	5.6	8.4#



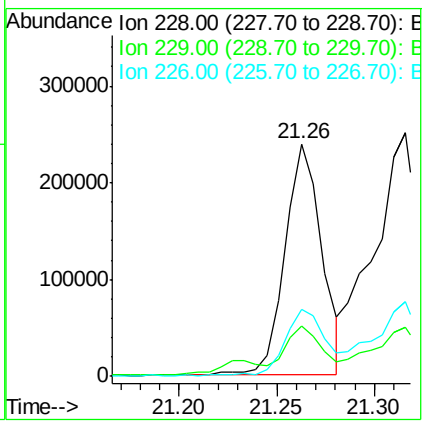


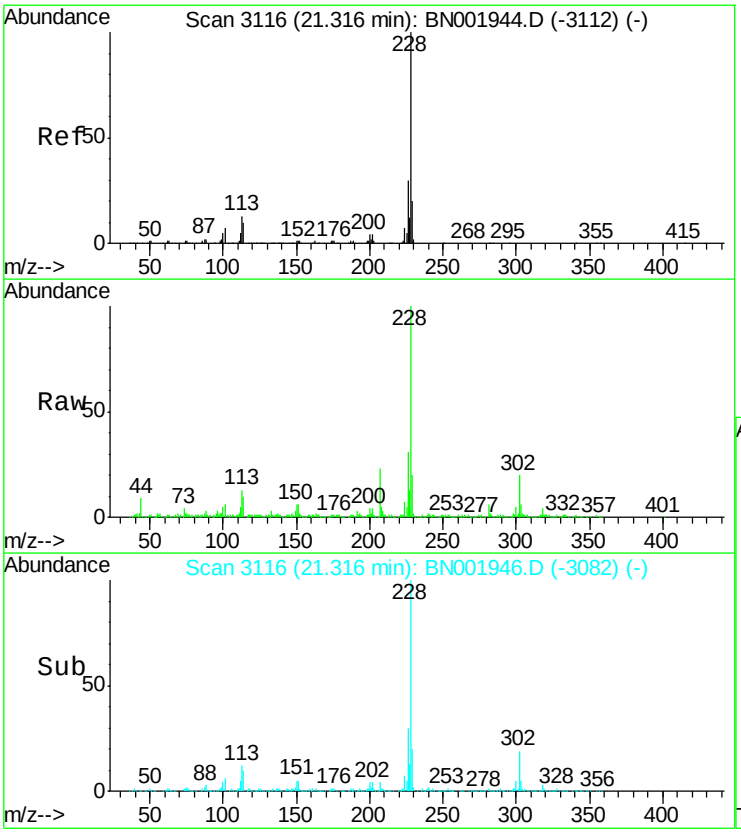
#80
Benzo(a)anthracene
Concen: 1.345 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BN001946.D
Acq: 03 Jul 2018 16:41

Instrument :
BNA_N
ClientSampleId :
F1H24

Tgt Ion:228 Resp: 311851

Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.0	24.0
226	28.8	21.8	32.8

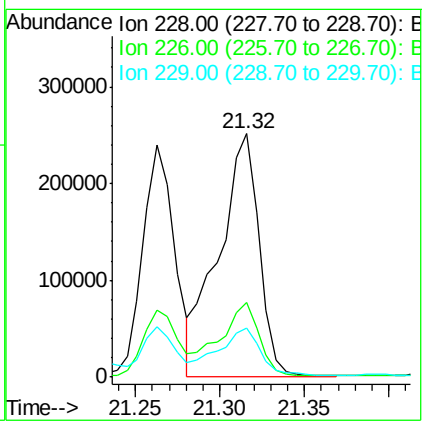


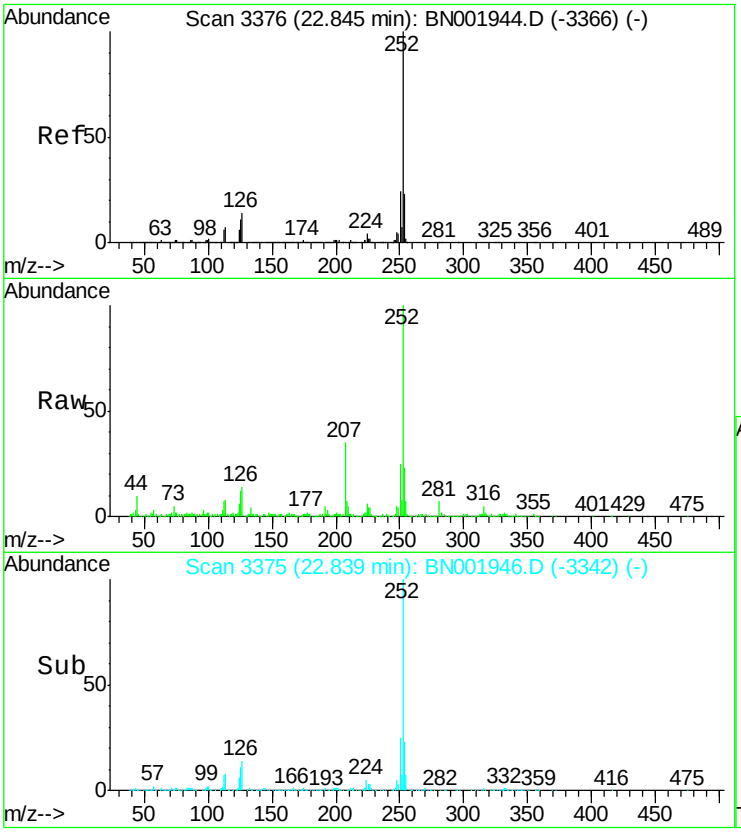


#82
Chrysene
Concen: 1.933 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. 0.00 min
Lab File: BN001946.D
Acq: 03 Jul 2018 16:41

Tgt Ion:228 Resp: 417106

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	20.4	16.0	24.0



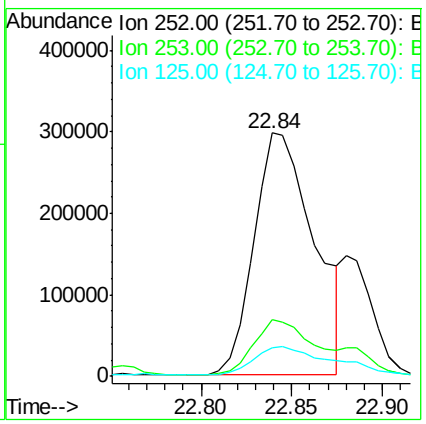


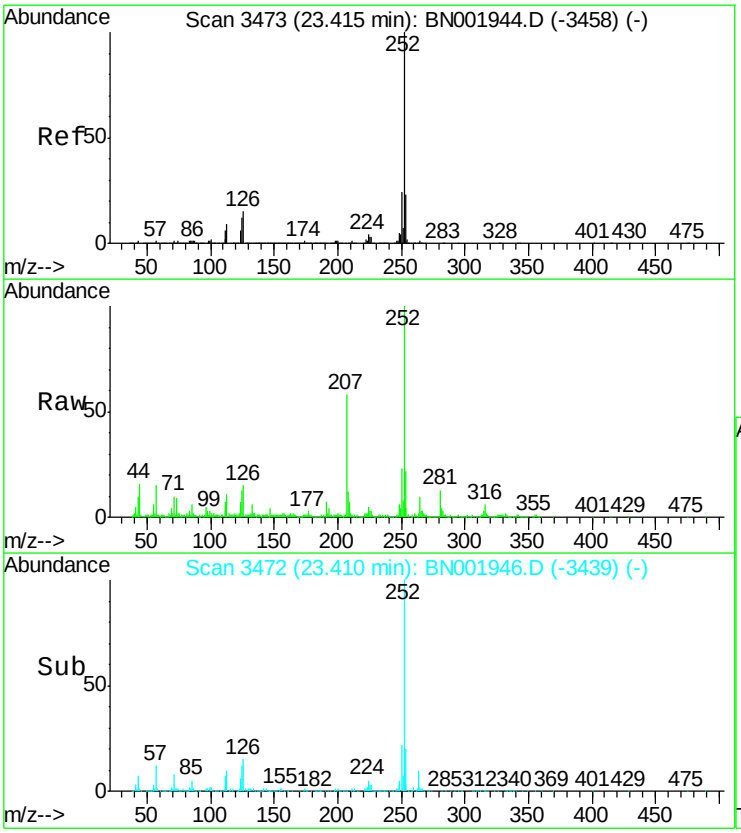
#85
Benzo(b)fluoranthene
Concen: 3.376 ng/ul
RT: 22.84 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BN001946.D
Acq: 03 Jul 2018 16:41

Instrument :
BNA_N
ClientSampleId :
F1H24

Tgt Ion:252 Resp: 684813

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	12.0	4.9	7.3#





#88
Benzo(a)pyrene
Concen: 1.769 ng/ul
RT: 23.41 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BN001946.D
Acq: 03 Jul 2018 16:41

Tgt Ion:252 Resp: 335377

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	12.8	5.8	8.6#