Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001941.D
Acq On : 03 Jul 2018 13:45
Operator : JU/SJ
Sample : J3721-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1H18

Quant Time: Jul 04 00:33:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 03 23:50:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	405450	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1937674	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1224046	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	2912772	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	3287390	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	3395321	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	43537	4.66	ng/uL	0.00
5) Phenol-d5	6.88	99	948806	25.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	641175	28.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	772099	26.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	786632	26.76	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	394868	27.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	423489	28.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	792813	24.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1082220	32.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2809830	27.18	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	3423079	26.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	445122	23.38	ng/ul	0.00
57) Fluorene-d10	15.33	176	2494479	27.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	357350	22.52	ng/ul	0.00
70) Anthracene-d10	17.18	188	3876993	27.55	ng/ul	0.00
76) Pyrene-d10	19.48	212	4671859	28.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	5383035	29.15	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.90	94	45382	1.226	ng/ul	94
44) Dimethylphthalate	13.80	163	1250610	12.310	ng/ul	98
74) Fluoranthene	19.15	202	296960	1.722	ng/ul#	91
77) Pyrene	19.51	202	395570	1.923	ng/ul#	87
80) Benzo(a)anthracene	21.26	228	330889	1.593	ng/ul	99
82) Chrysene	21.32	228	542621	2.807	ng/ul	99
85) Benzo(b)fluoranthene	22.85	252	567650	2.647	ng/ul#	96
88) Benzo(a)pyrene	23.42	252	294581	1.470	ng/ul#	93

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

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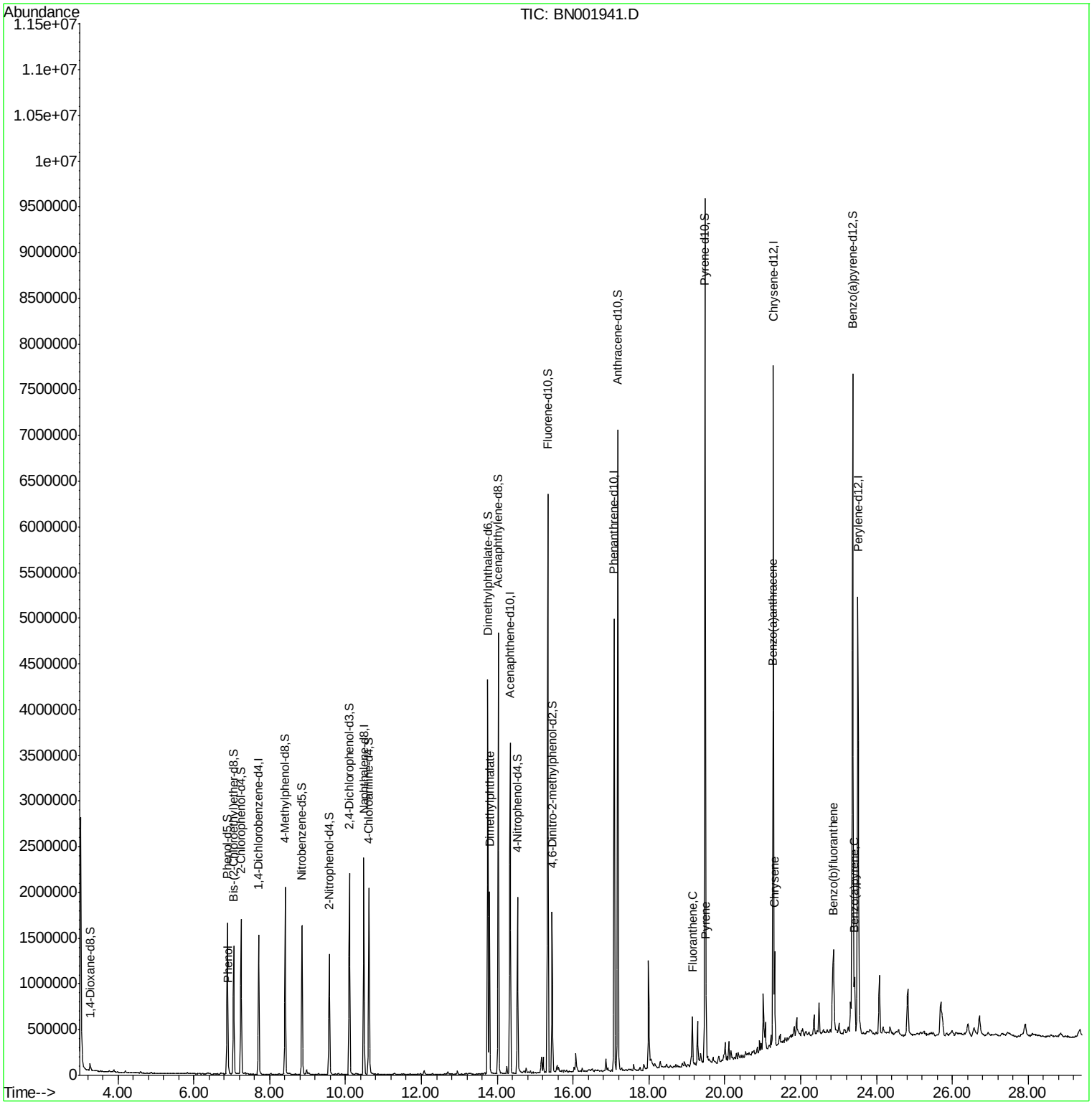
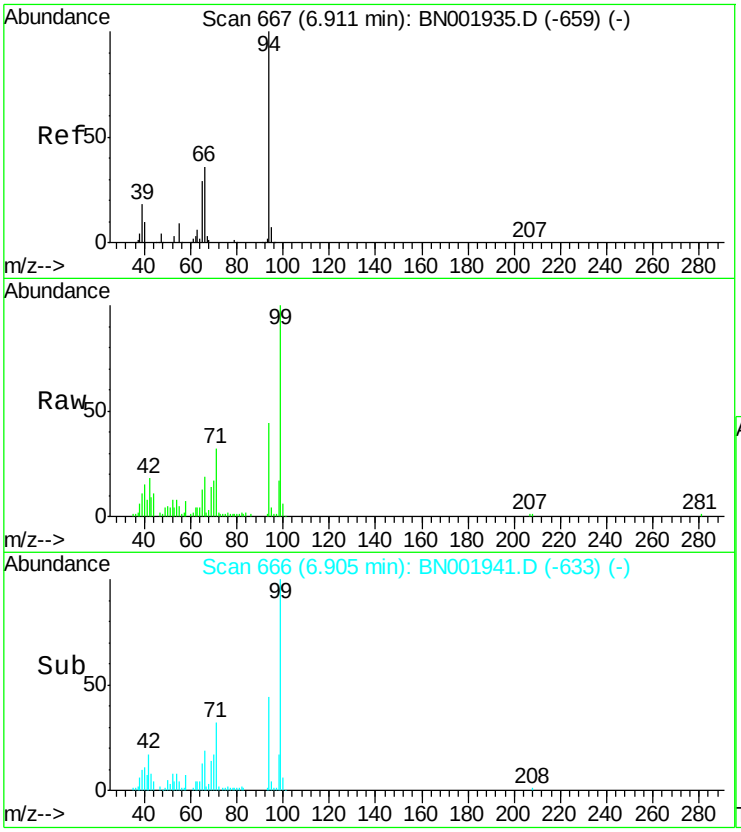


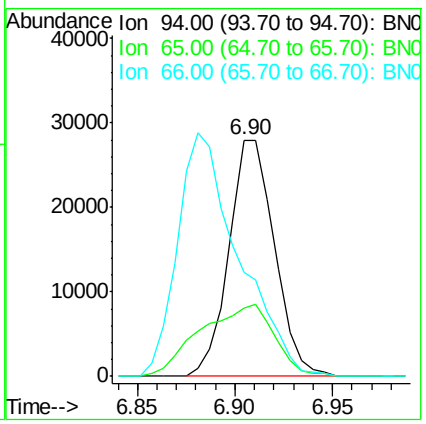


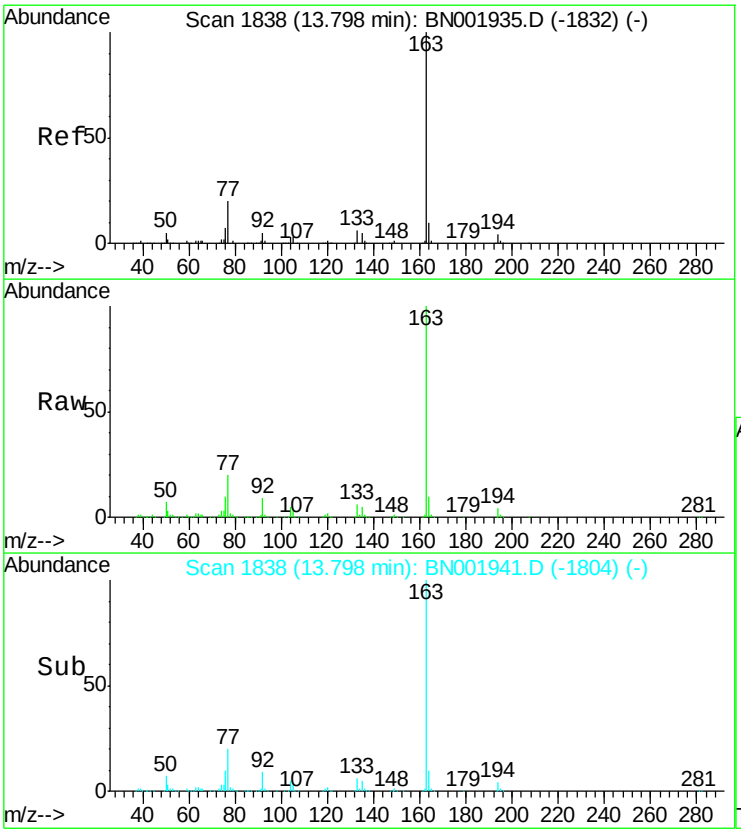
#6
Phenol
Concen: 1.226 ng/ul
RT: 6.90 min Scan# 666
Delta R.T. -0.01 min
Lab File: BN001941.D
Acq: 03 Jul 2018 13:45

Instrument :
BNA_N
ClientSampleId :
F1H18

Tgt Ion: 94 Resp: 45382

Ion	Ratio	Lower	Upper
94	100		
65	29.1	23.0	34.6
66	44.2	30.4	45.6

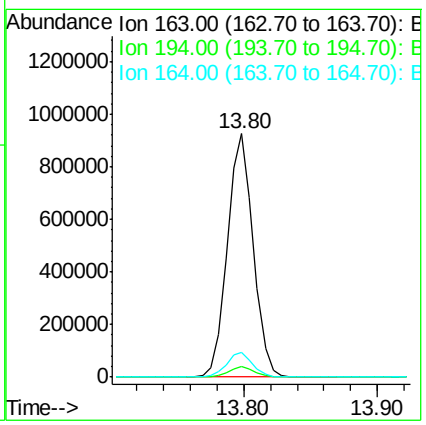


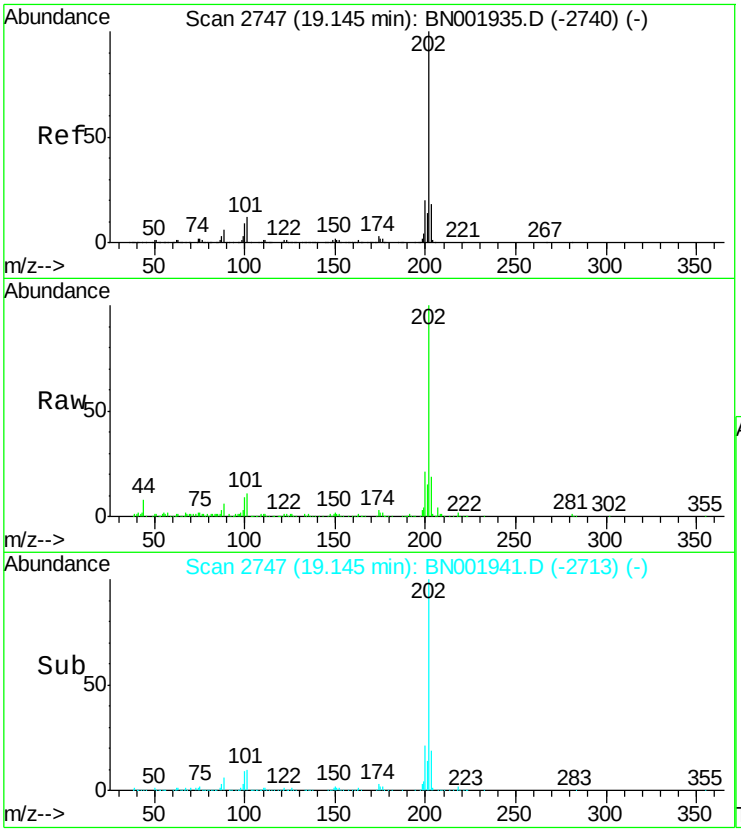


#44
Dimethylphthalate
Concen: 12.310 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BN001941.D
Acq: 03 Jul 2018 13:45

Tgt Ion:163 Resp: 1250610

Ion	Ratio	Lower	Upper
163	100		
194	4.2	4.0	6.0
164	10.0	8.4	12.6



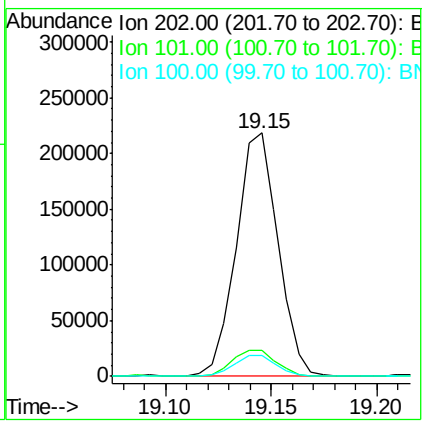


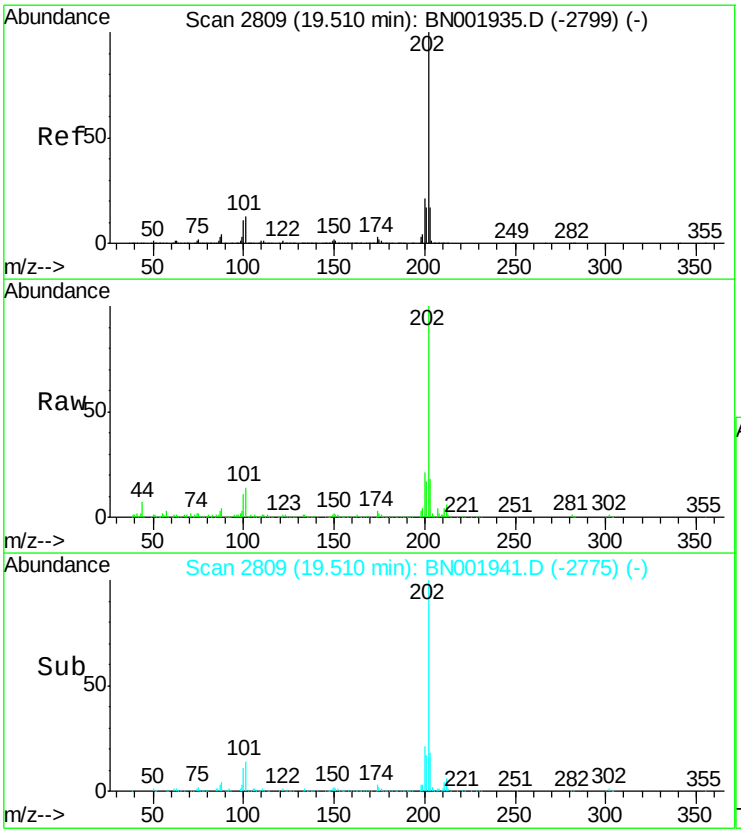
#74
Fluoranthene
Concen: 1.722 ng/ul
RT: 19.15 min Scan# 2747
Delta R.T. 0.00 min
Lab File: BN001941.D
Acq: 03 Jul 2018 13:45

Instrument :
BNA_N
ClientSampleId :
F1H18

Tgt Ion:202 Resp: 296960

Ion	Ratio	Lower	Upper
202	100		
101	10.7	6.1	9.1#
100	8.6	4.6	7.0#

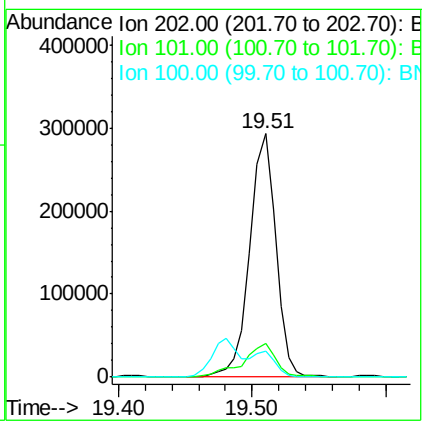


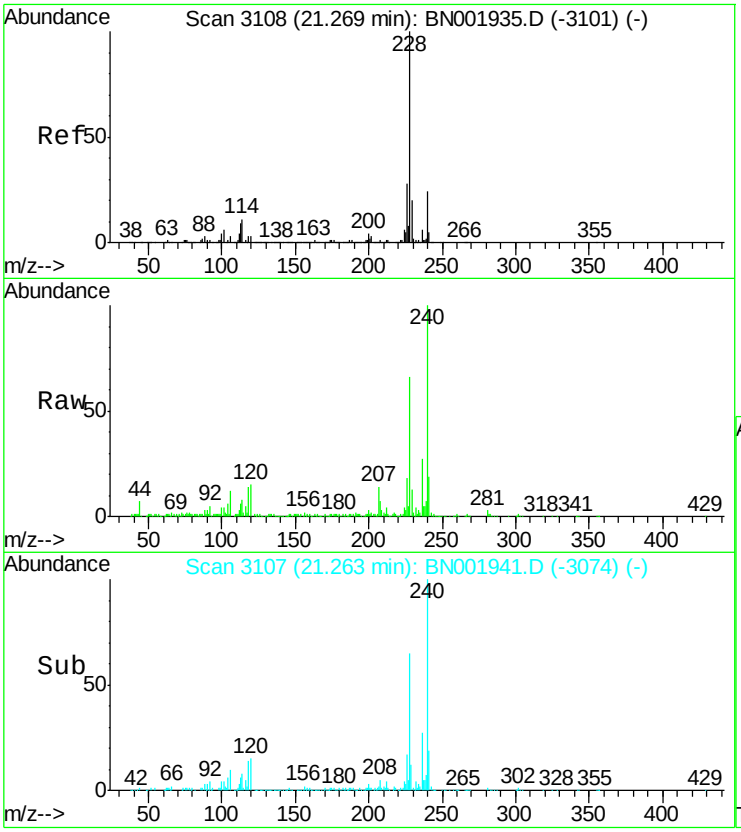


#77
Pyrene
Concen: 1.923 ng/ul
RT: 19.51 min Scan# 2809
Delta R.T. 0.00 min
Lab File: BN001941.D
Acq: 03 Jul 2018 13:45

Tgt Ion:202 Resp: 395570

Ion	Ratio	Lower	Upper
202	100		
101	14.0	6.9	10.3#
100	10.7	5.6	8.4#



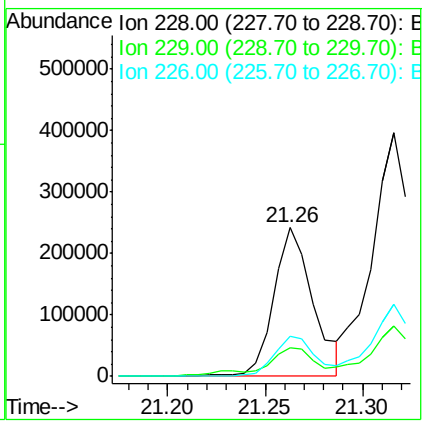


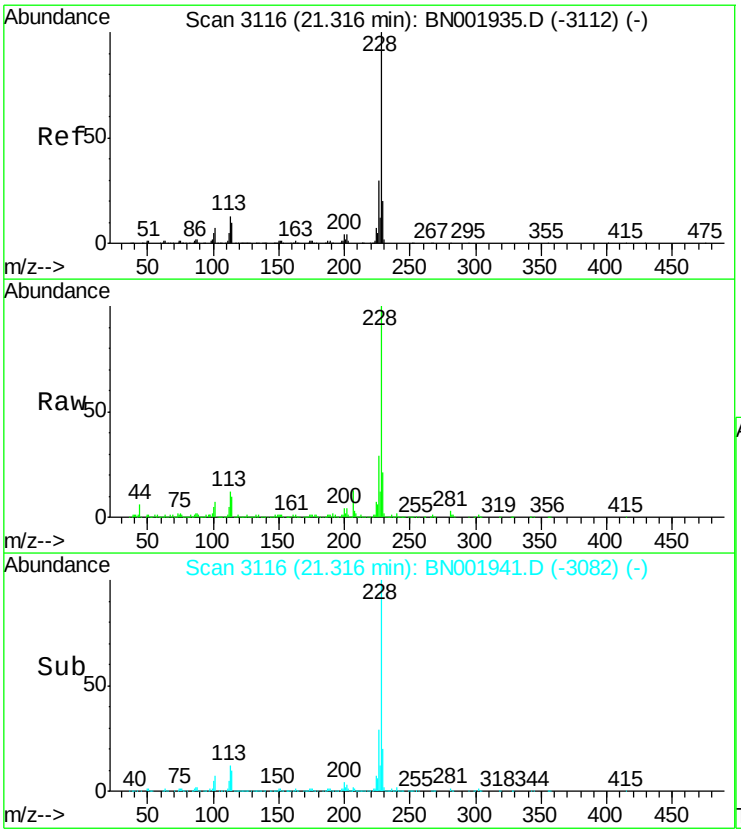
#80
Benzo(a)anthracene
Concen: 1.593 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BN001941.D
Acq: 03 Jul 2018 13:45

Instrument :
BNA_N
ClientSampleId :
F1H18

Tgt Ion:228 Resp: 330889

Ion	Ratio	Lower	Upper
228	100		
229	19.4	16.0	24.0
226	27.1	21.8	32.8

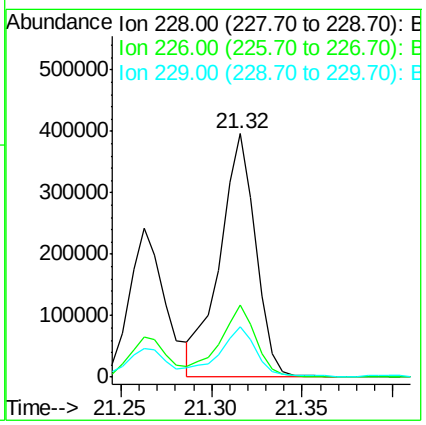


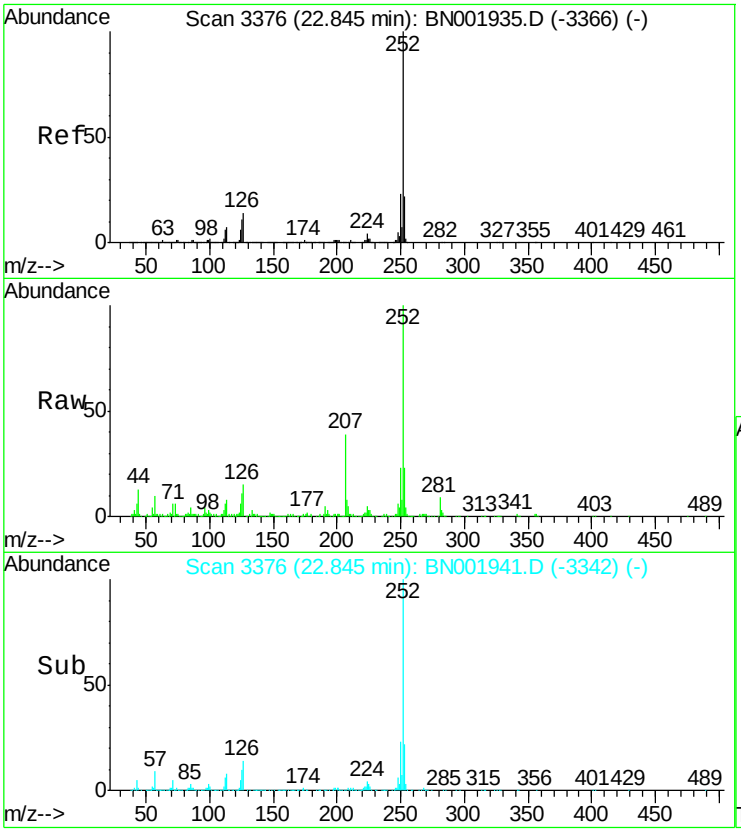


#82
Chrysene
Concen: 2.807 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. 0.00 min
Lab File: BN001941.D
Acq: 03 Jul 2018 13:45

Tgt Ion:228 Resp: 542621

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	20.6	16.0	24.0



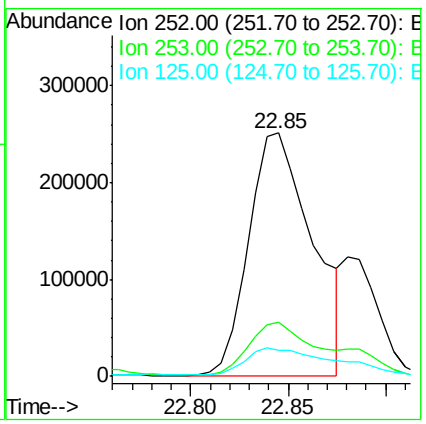


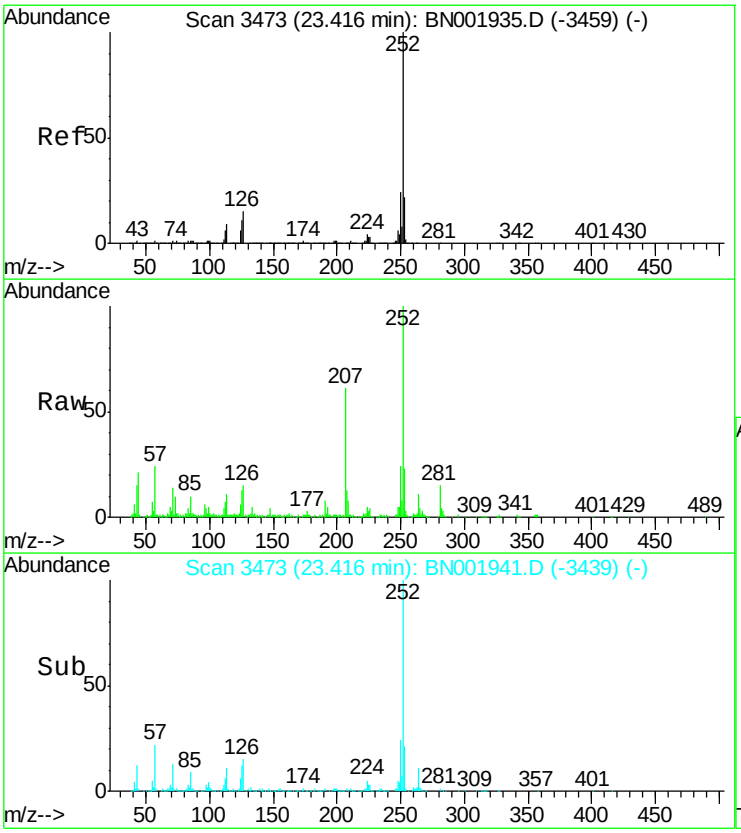
#85
Benzo(b)fluoranthene
Concen: 2.647 ng/ul
RT: 22.85 min Scan# 3376
Delta R.T. 0.00 min
Lab File: BN001941.D
Acq: 03 Jul 2018 13:45

Instrument :
BNA_N
ClientSampleId :
F1H18

Tgt Ion:252 Resp: 567650

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	10.8	4.9	7.3#





#88
Benzo(a)pyrene
Concen: 1.470 ng/ul
RT: 23.42 min Scan# 3473
Delta R.T. 0.00 min
Lab File: BN001941.D
Acq: 03 Jul 2018 13:45

Tgt Ion:252 Resp: 294581

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	12.7	5.8	8.6#