Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005940.D
Acq On : 29 May 2019 20:49
Operator : JU/SJ
Sample : K2928-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 30 05:01:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	584932	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	2654218	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	1484341	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	2791617	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1802742	20.00	ng/ul	0.01
85) Perylene-d12	23.65	264	1931415	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	27510	2.07	ng/uL	0.00
5) Phenol-d5	6.90	99	835698	16.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	451246	15.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	647670	16.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	640639	15.31	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	314401	18.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	320531	20.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	623902	16.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	20247	0.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	1839192	16.81	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	2363039	17.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	275259	13.82	ng/ul	0.00
57) Fluorene-d10	15.37	176	1571546	17.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	25398	2.23	ng/ul	0.00
70) Anthracene-d10	17.22	188	2159521	18.18	ng/ul	0.00
78) Pyrene-d10	19.53	212	1906833	20.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	1515563	17.59	ng/ul	0.04
Target Compounds						Qvalue
44) Dimethylphthalate	13.83	163	709022	6.483	ng/ul	100
69) Phenanthrene	17.16	178	227687	1.646	ng/ul	96
71) Anthracene	17.16	178	228196	1.625	ng/ul	96
76) Fluoranthene	19.19	202	642004	4.348	ng/ul#	94
79) Pyrene	19.56	202	665679	5.829	ng/ul#	93
82) Benzo(a)anthracene	21.33	228	261593	2.308	ng/ul#	47
84) Chrysene	21.38	228	222769	2.108	ng/ul#	67
87) Benzo(b)fluoranthene	22.95	252	574005	5.291	ng/ul#	9
90) Benzo(a)pyrene	23.54	252	516839	5.052	ng/ul#	57
91) Indeno(1,2,3-cd)pyrene	25.98	276	273660	2.280	ng/ul#	52
92) Dibenzo(a,h)anthracene	25.97	278	169475	1.696	ng/ul#	1

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

Quantitation Report (Not Reviewed)

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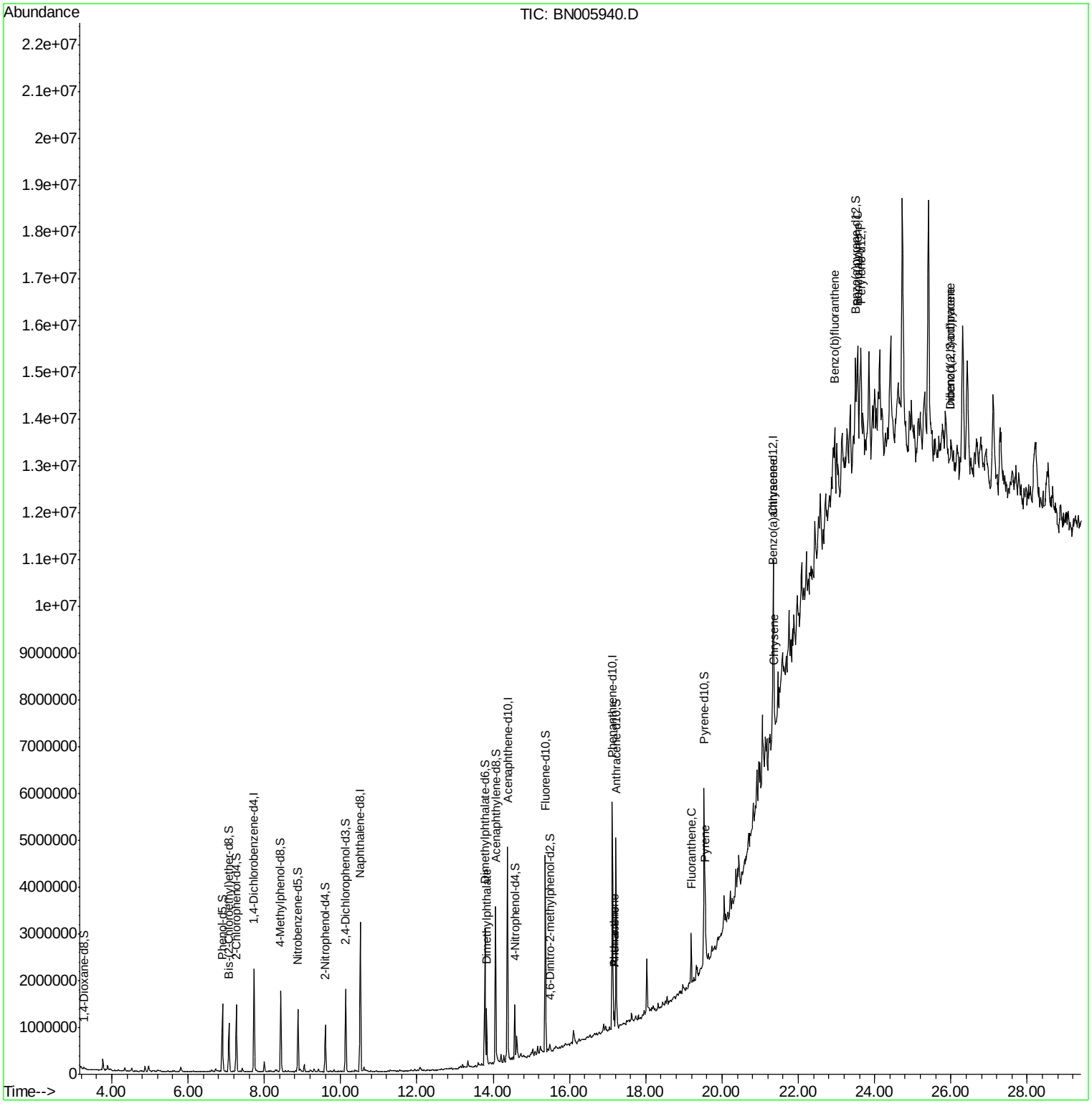
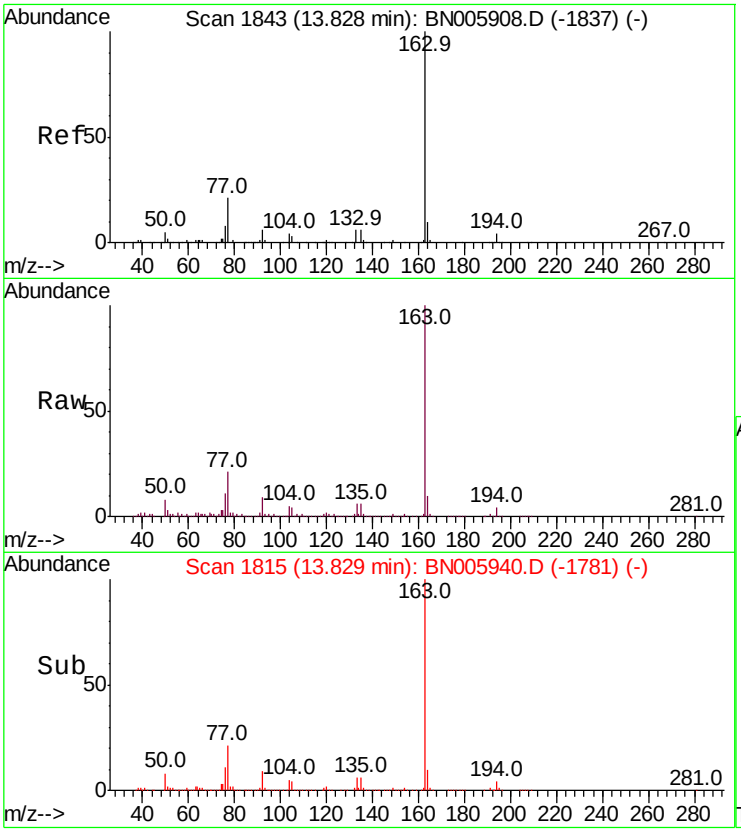
Sample : K2928-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 30 05:01:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration



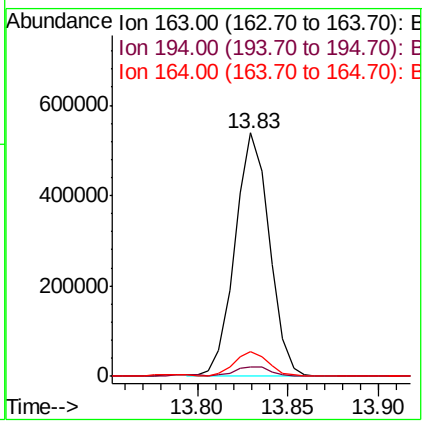


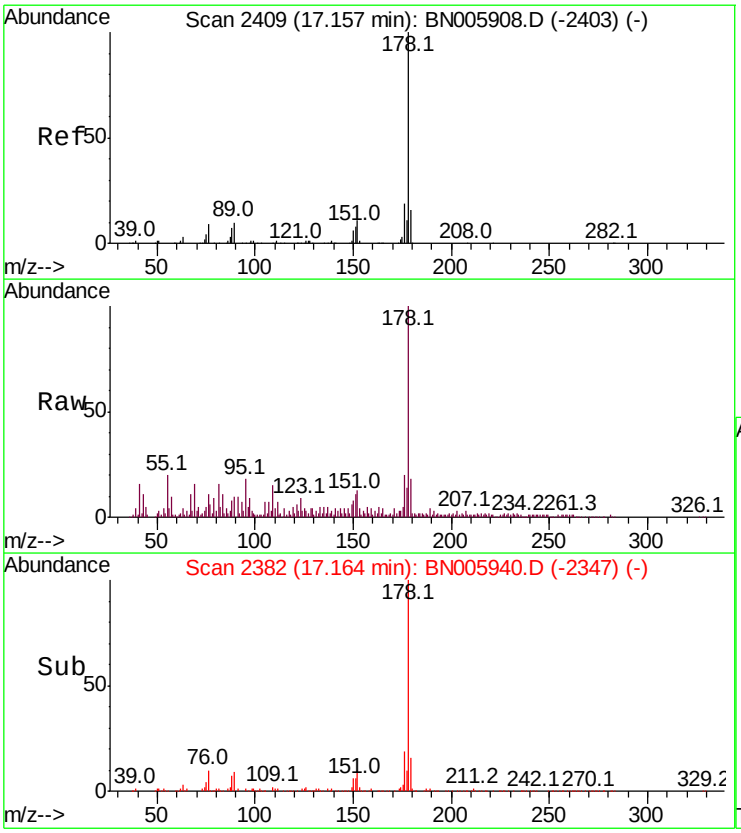
#44
Dimethylphthalate
Concen: 6.483 ng/ul
RT: 13.83 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BN005940.D
Acq: 29 May 2019 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:163 Resp: 709022

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.2	8.1	12.1

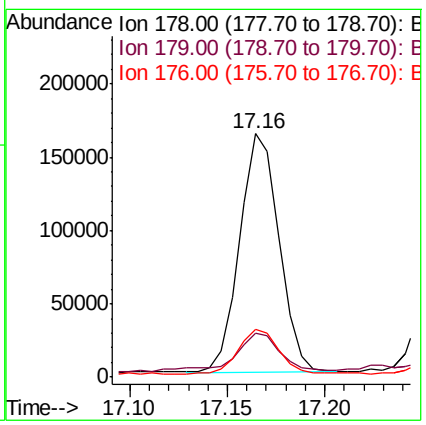


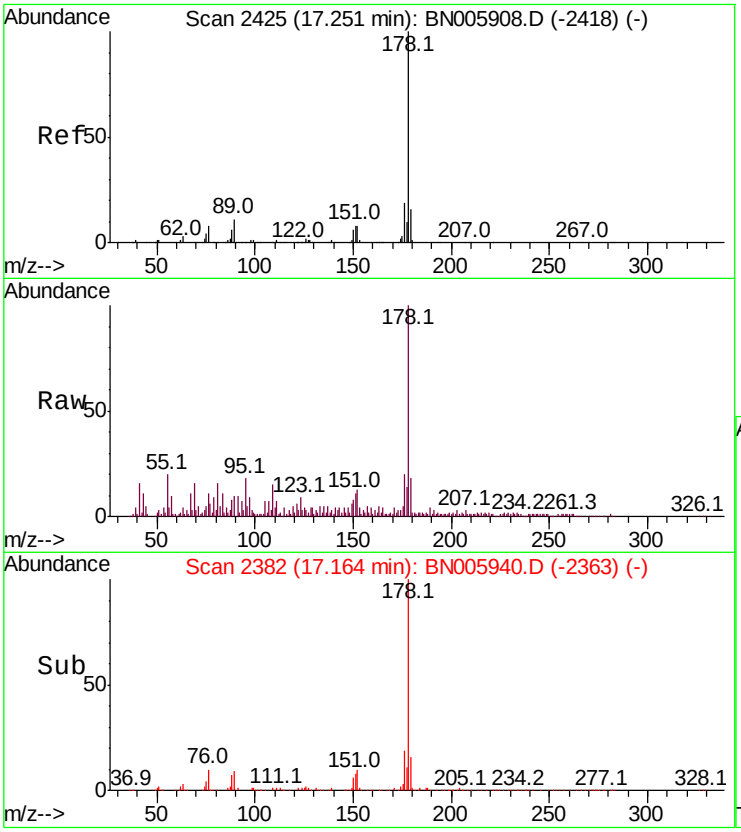


#69
Phenanthrene
Concen: 1.646 ng/ul
RT: 17.16 min Scan# 2382
Delta R.T. 0.01 min
Lab File: BN005940.D
Acq: 29 May 2019 20:49

Tgt Ion:178 Resp: 227687

Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.2	18.4
176	19.7	15.1	22.7



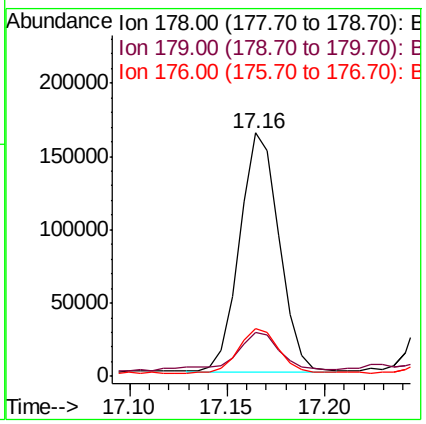


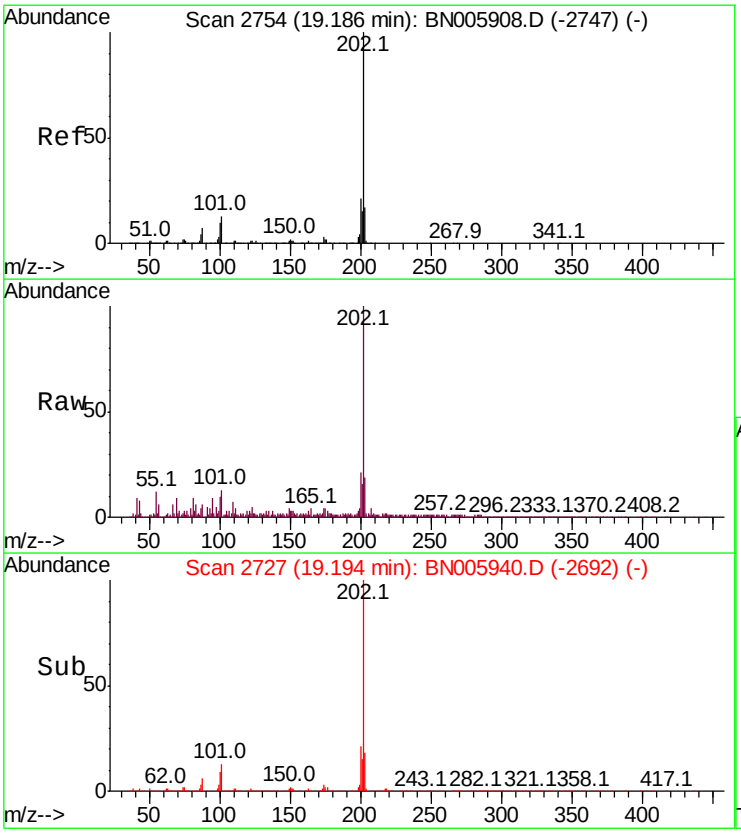
#71
Anthracene
Concen: 1.625 ng/ul
RT: 17.16 min Scan# 2382
Delta R.T. -0.09 min
Lab File: BN005940.D
Acq: 29 May 2019 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 228196

Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.3	18.5
176	19.7	15.1	22.7

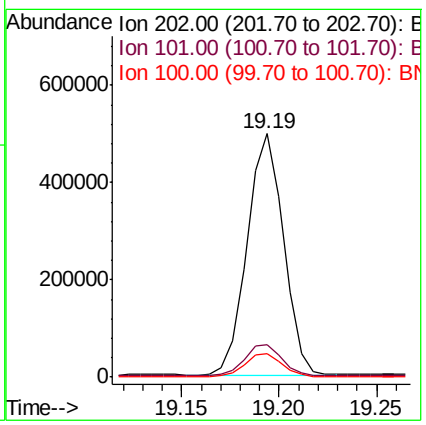


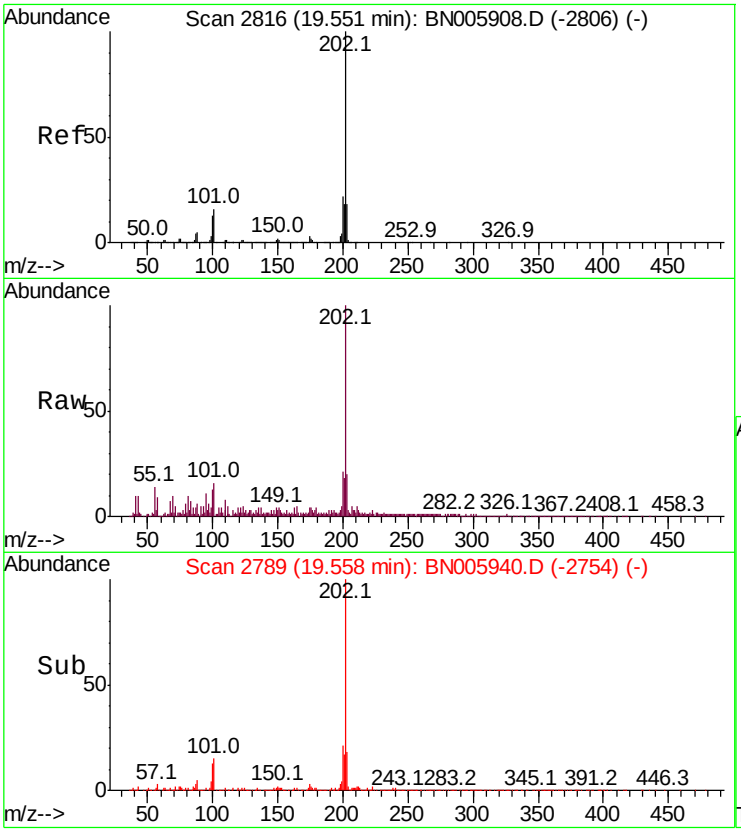


#76
Fluoranthene
Concen: 4.348 ng/ul
RT: 19.19 min Scan# 2727
Delta R.T. 0.01 min
Lab File: BN005940.D
Acq: 29 May 2019 20:49

Tgt Ion:202 Resp: 642004

Ion	Ratio	Lower	Upper
202	100		
101	13.3	8.6	12.8#
100	9.5	6.3	9.5#



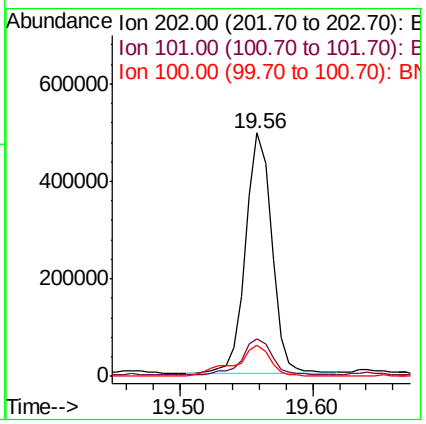


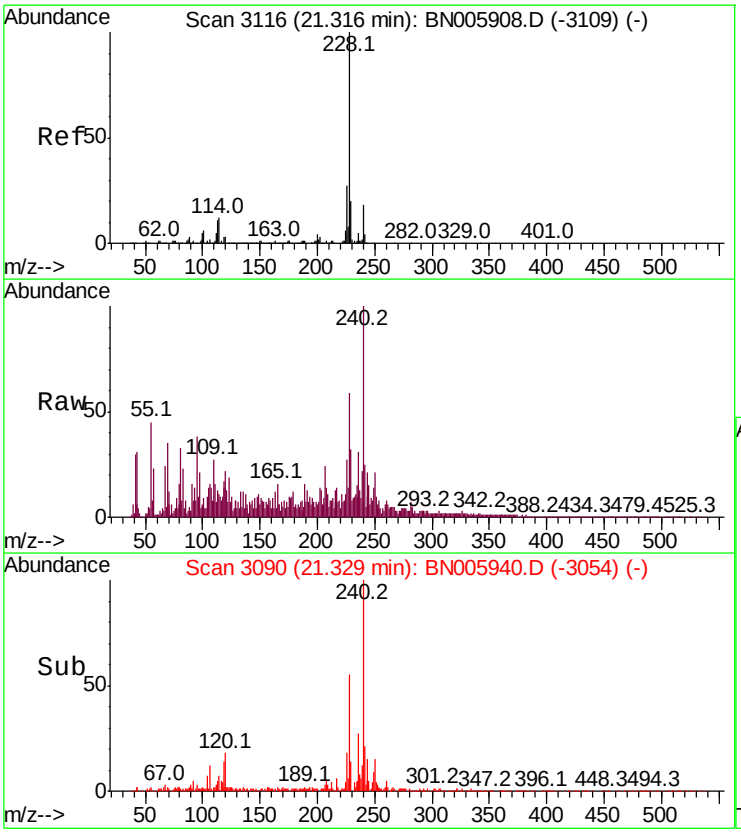
#79
Pyrene
Concen: 5.829 ng/ul
RT: 19.56 min Scan# 2789
Delta R.T. 0.01 min
Lab File: BN005940.D
Acq: 29 May 2019 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 665679

Ion	Ratio	Lower	Upper
202	100		
101	15.7	10.3	15.5#
100	12.6	7.9	11.9#

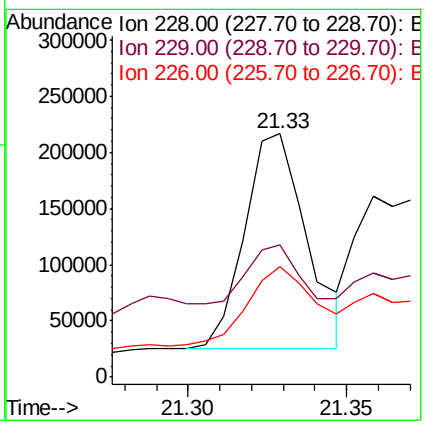


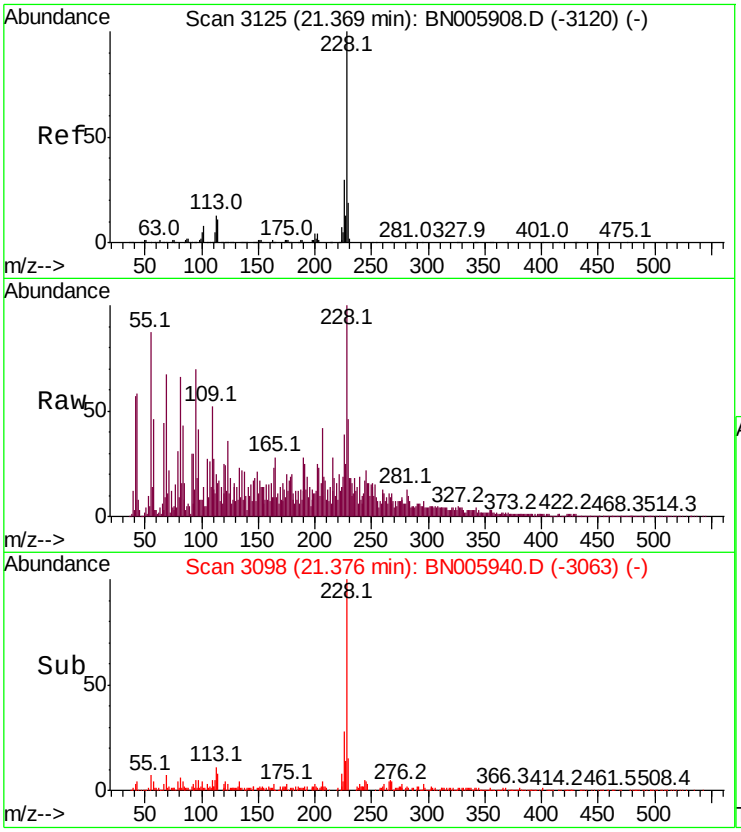


#82
Benzo(a)anthracene
Concen: 2.308 ng/ul
RT: 21.33 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BN005940.D
Acq: 29 May 2019 20:49

Tgt Ion:228 Resp: 261593

Ion	Ratio	Lower	Upper
228	100		
229	54.3	15.8	23.6#
226	45.2	21.4	32.2#



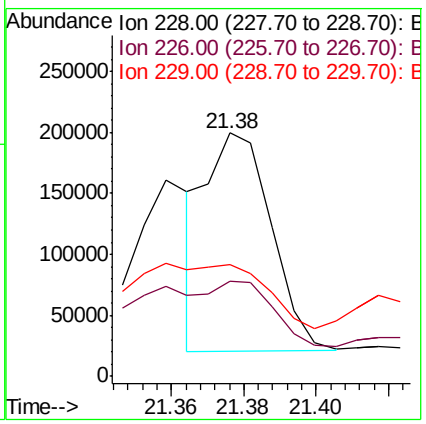


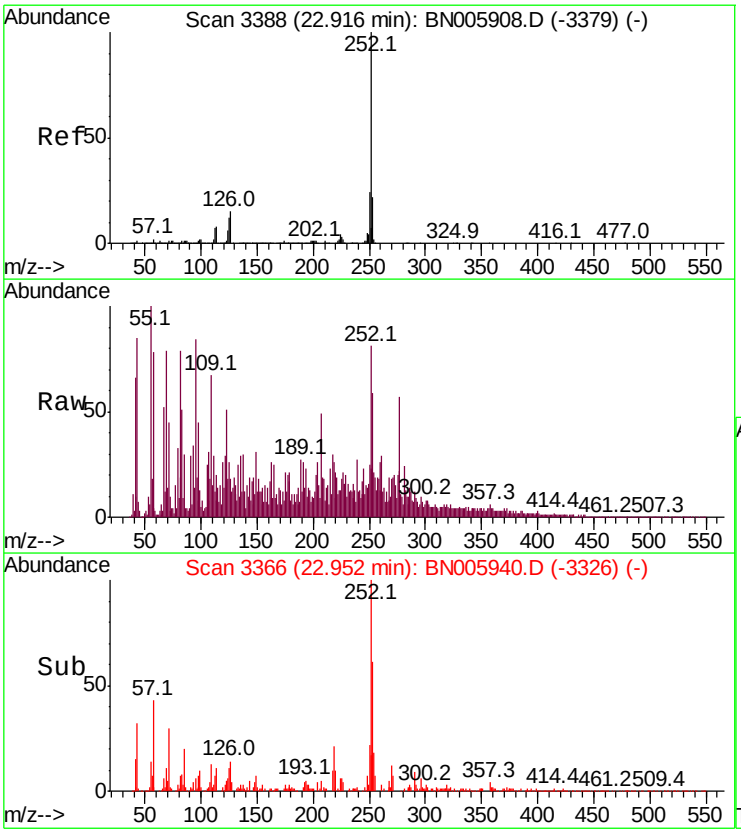
#84
Chrysene
Concen: 2.108 ng/ul
RT: 21.38 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BN005940.D
Acq: 29 May 2019 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 222769

Ion	Ratio	Lower	Upper
228	100		
226	39.0	24.0	36.0#
229	46.1	15.4	23.0#

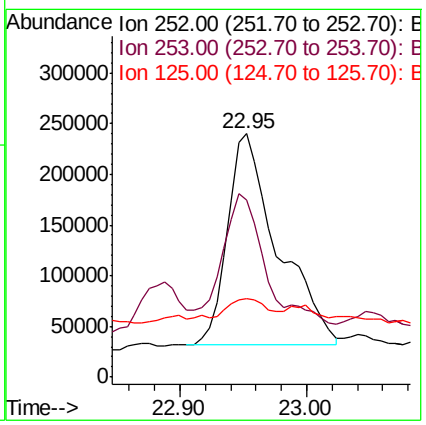


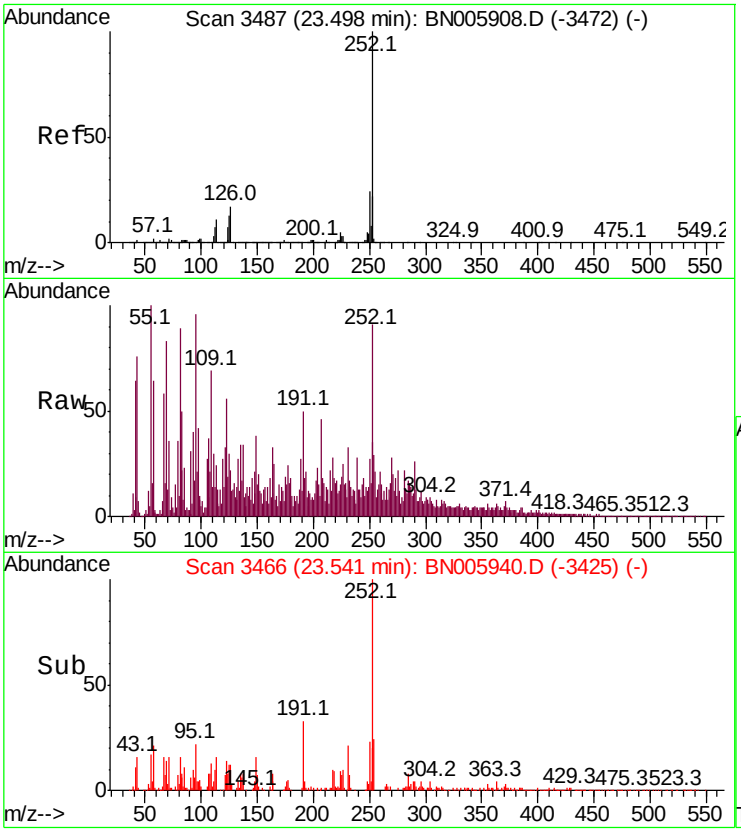


#87
Benzo(b)fluoranthene
Concen: 5.291 ng/ul
RT: 22.95 min Scan# 3366
Delta R.T. 0.04 min
Lab File: BN005940.D
Acq: 29 May 2019 20:49

Tgt Ion:252 Resp: 574005

Ion	Ratio	Lower	Upper
252	100		
253	72.8	17.7	26.5#
125	32.1	8.4	12.6#



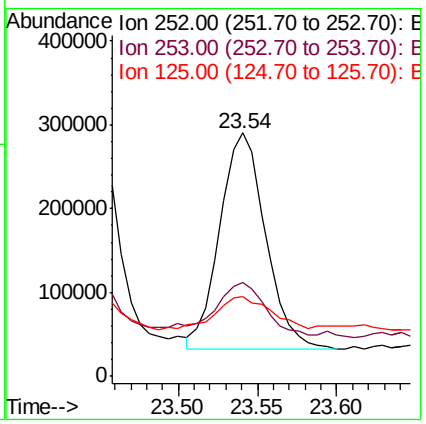


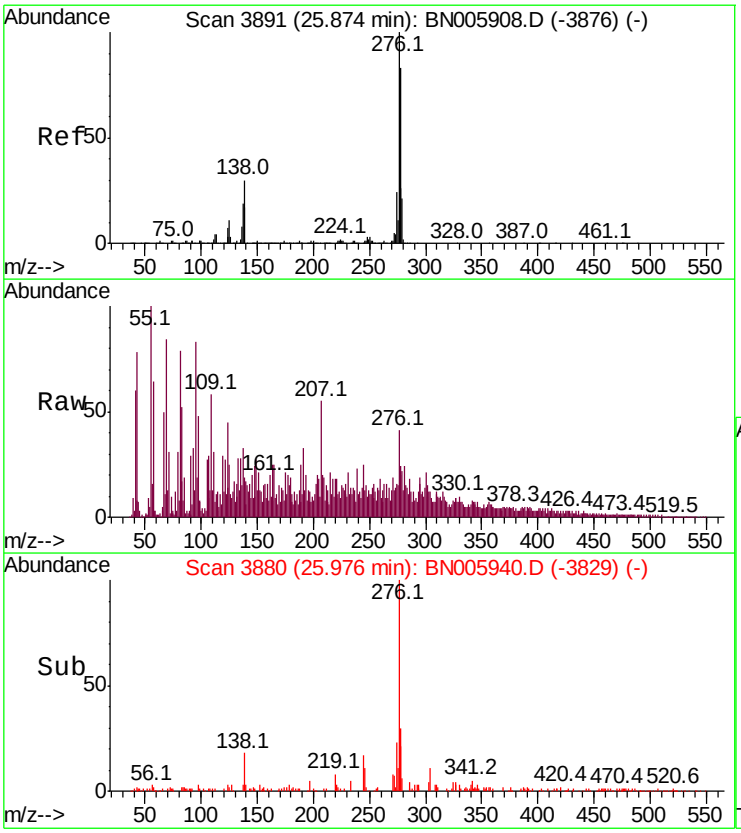
#90
Benzo(a)pyrene
Concen: 5.052 ng/ul
RT: 23.54 min Scan# 3466
Delta R.T. 0.04 min
Lab File: BN005940.D
Acq: 29 May 2019 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 516839

Ion	Ratio	Lower	Upper
252	100		
253	38.7	17.3	25.9#
125	32.7	8.6	13.0#

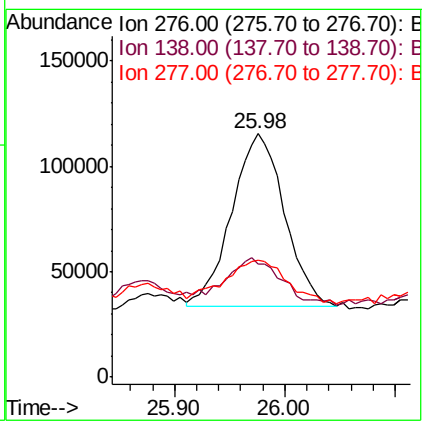


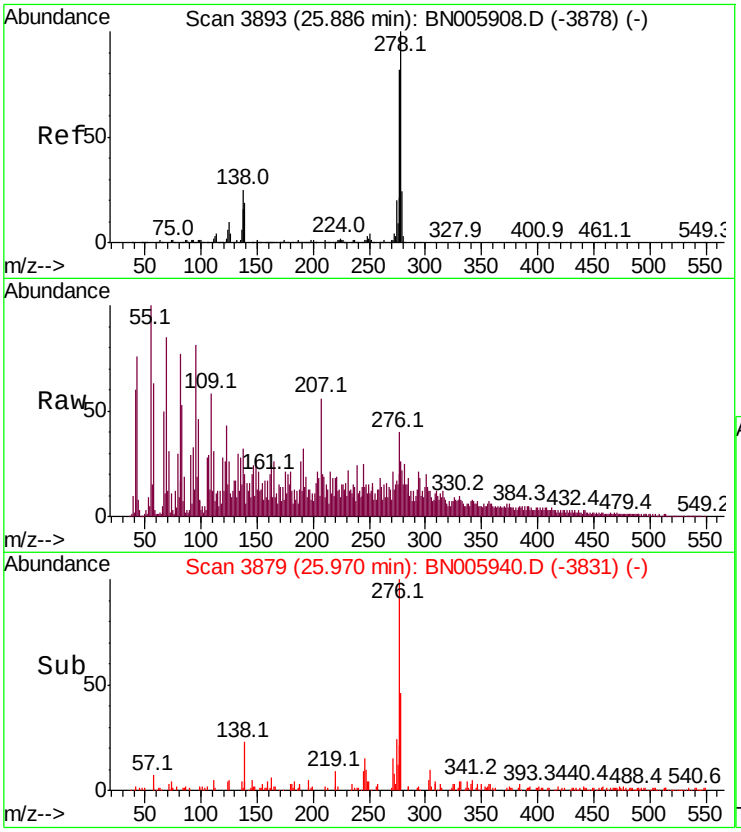


#91
Indeno(1,2,3-cd)pyrene
Concen: 2.280 ng/ul
RT: 25.98 min Scan# 3880
Delta R.T. 0.10 min
Lab File: BN005940.D
Acq: 29 May 2019 20:49

Tgt Ion:276 Resp: 273660

Ion	Ratio	Lower	Upper
276	100		
138	46.4	17.9	26.9#
277	47.8	19.7	29.5#





#92
Dibenzo(a,h)anthracene
Concen: 1.696 ng/ul
RT: 25.97 min Scan# 3879
Delta R.T. 0.08 min
Lab File: BN005940.D
Acq: 29 May 2019 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 169475

Ion	Ratio	Lower	Upper
278	100		
139	67.2	13.1	19.7#
279	83.8	19.4	29.0#