Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010524.D
Acq On : 16 Apr 2020 19:46
Operator : CG/JU
Sample : L2191-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7A1

Quant Time: Apr 17 01:07:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 16 10:21:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	453583	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1999298	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	1298498	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	2918736	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	2945213	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2662190	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	62557	7.22	ng/uL	0.00
5) Phenol-d5	6.78	99	1325734	37.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	706362	38.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	1129475	36.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	1132421	37.50	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	585410	38.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	630804	36.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	1194578	35.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	1227863	31.82	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	3792365	39.36	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	4548072	38.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	652947	34.81	ng/ul	0.00
58) Fluorene-d10	15.22	176	3358456	38.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	510471	33.48	ng/ul	0.00
71) Anthracene-d10	17.07	188	5257184	38.89	ng/ul	0.00
79) Pyrene-d10	19.37	212	6485812	39.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	5537894	40.10	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.69	163	427212	4.271	ng/ul	99
70) Phenanthrene	17.01	178	386428	2.384	ng/ul	99
72) Anthracene	17.01	178	387017	2.355	ng/ul	98
77) Fluoranthene	19.03	202	736435	4.182	ng/ul	97
80) Pyrene	19.40	202	604098	2.839	ng/ul	99
83) Benzo(a)anthracene	21.16	228	318543	1.559	ng/ul	99
85) Chrysene	21.21	228	321316	1.673	ng/ul	93
88) Benzo(b)fluoranthene	22.70	252	379264	2.183	ng/ul#	97
91) Benzo(a)pyrene	23.25	252	217009	1.406	ng/ul#	93

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

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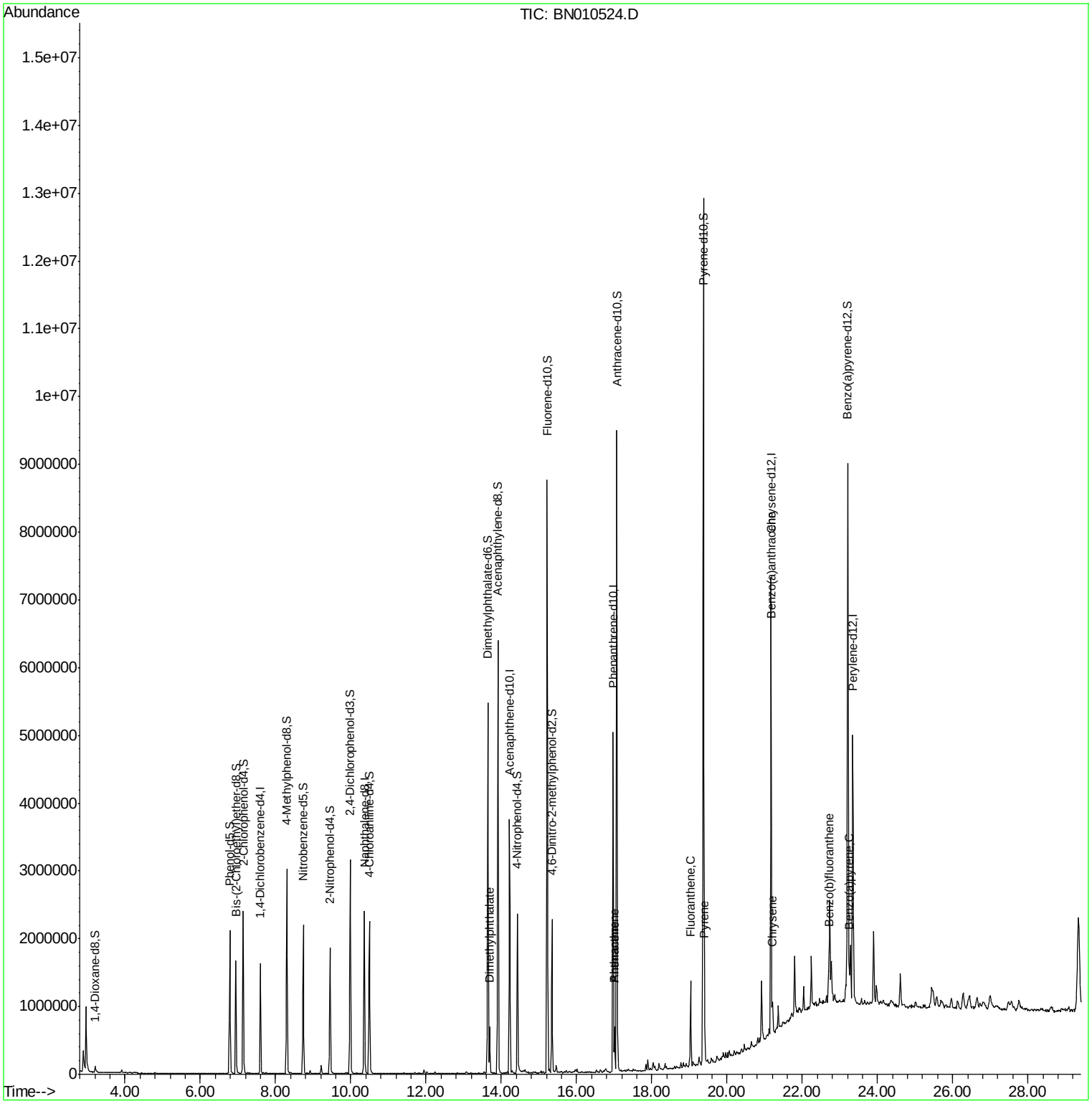
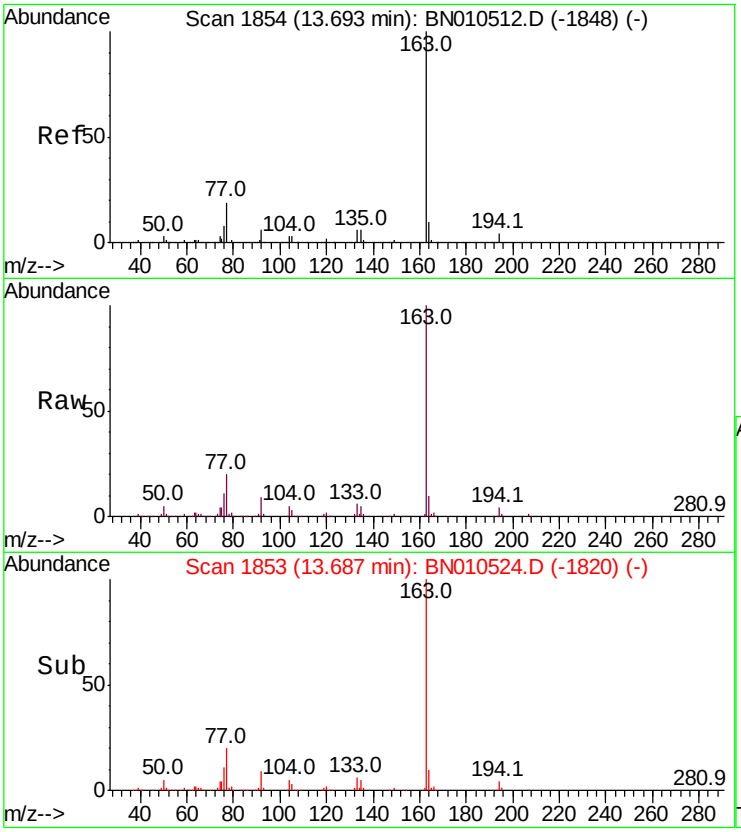
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 16 10:21:51 2020
Response via : Initial Calibration



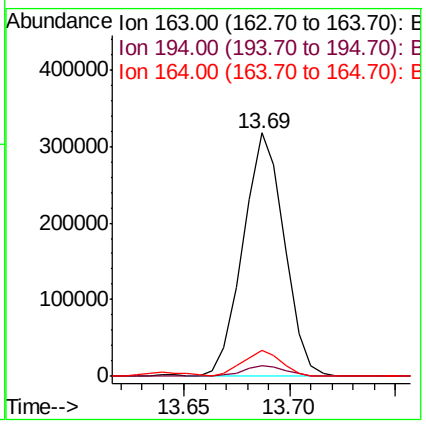


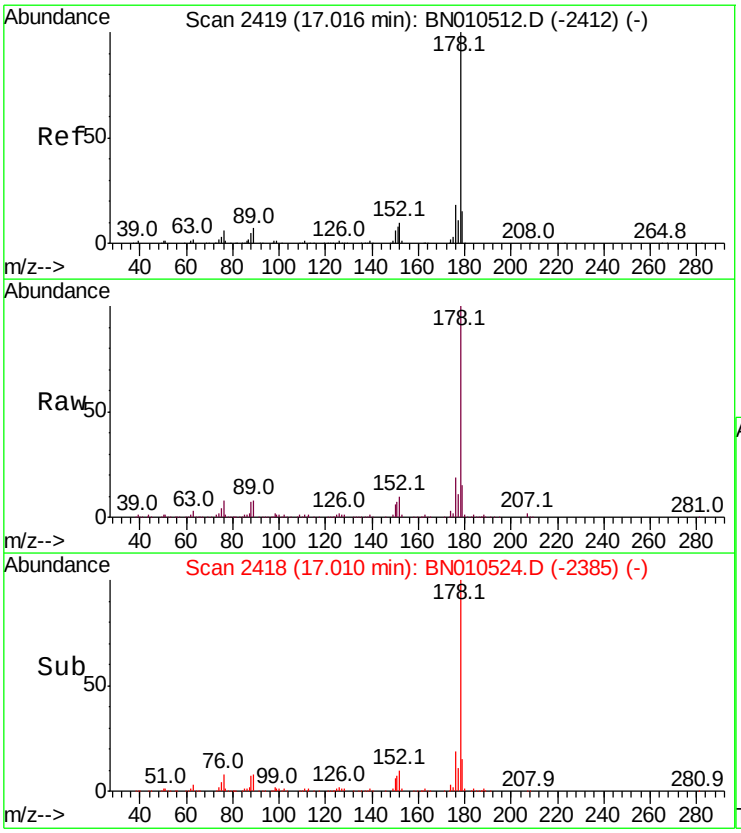
#45
Dimethylphthalate
Concen: 4.271 ng/ul
RT: 13.69 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BN010524.D
Acq: 16 Apr 2020 19:46

Instrument :
BNA_N
ClientSampleId :
CB7A1

Tgt Ion:163 Resp: 427212

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.4	8.0	12.0

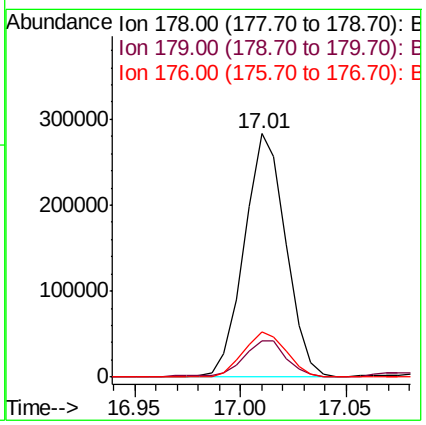


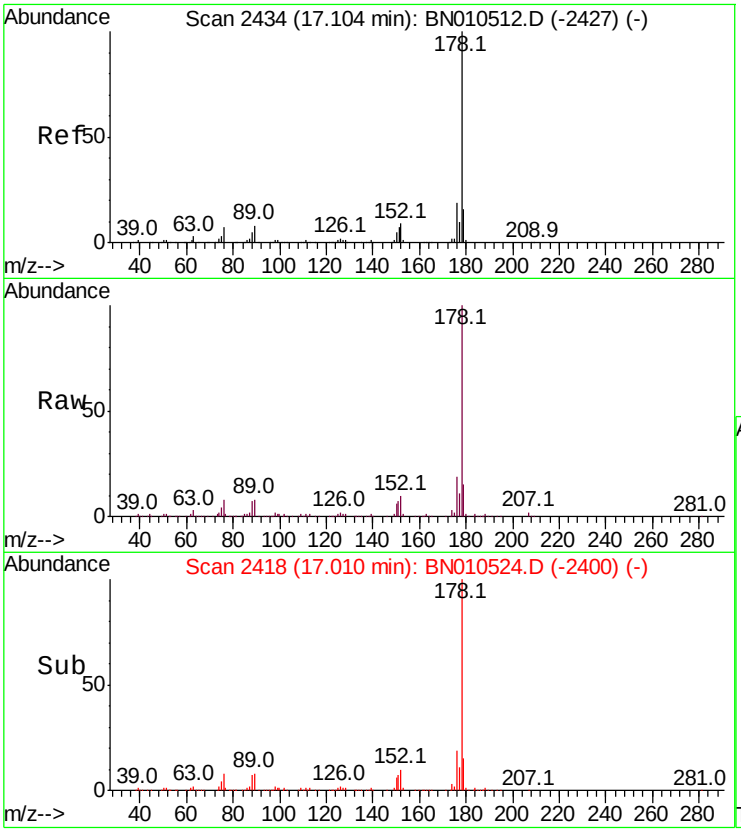


#70
Phenanthrene
Concen: 2.384 ng/ul
RT: 17.01 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BN010524.D
Acq: 16 Apr 2020 19:46

Tgt Ion:178 Resp: 386428

Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.4	17.2
176	18.8	15.3	22.9



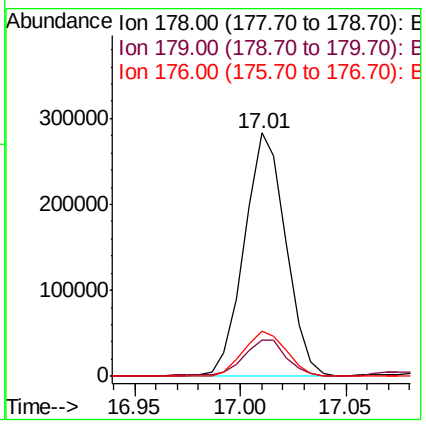


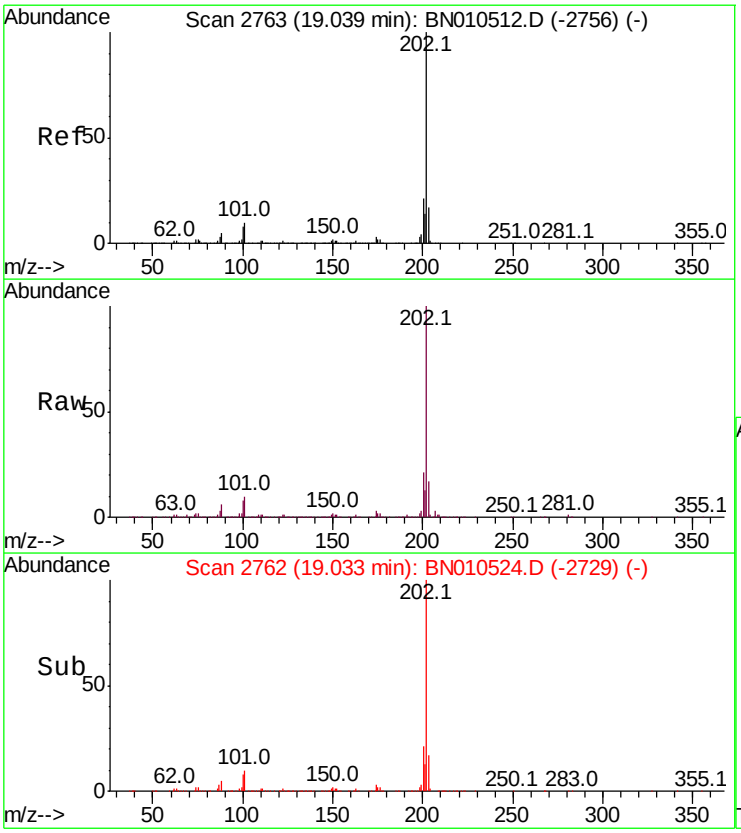
#72
Anthracene
Concen: 2.355 ng/ul
RT: 17.01 min Scan# 2418
Delta R.T. -0.09 min
Lab File: BN010524.D
Acq: 16 Apr 2020 19:46

Instrument :
BNA_N
ClientSampleId :
CB7A1

Tgt Ion:178 Resp: 387017

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	18.8	14.2	21.4

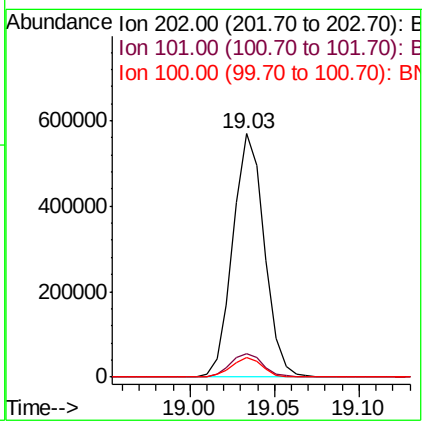


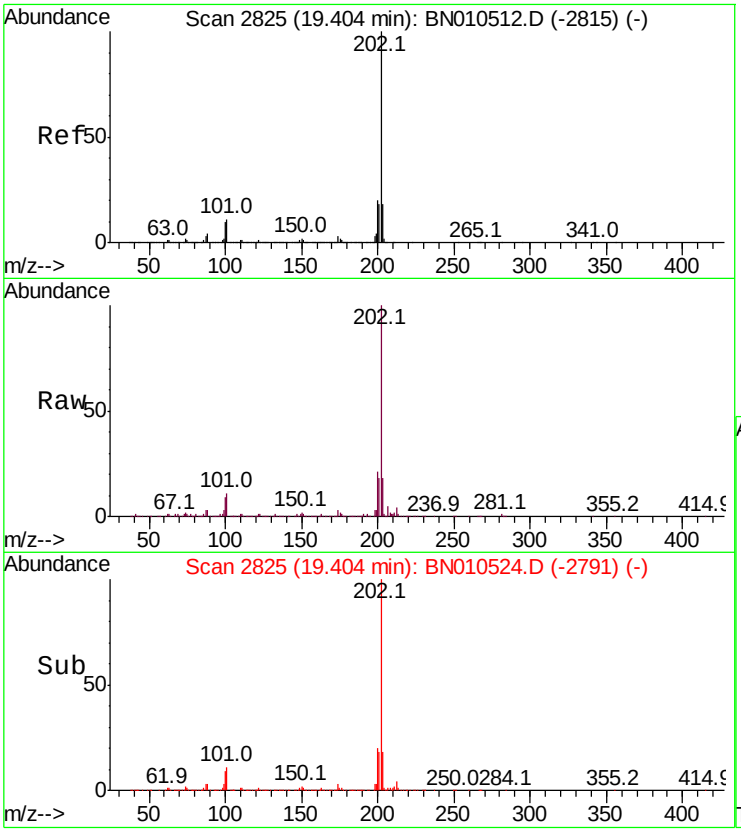


#77
Fluoranthene
Concen: 4.182 ng/ul
RT: 19.03 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BN010524.D
Acq: 16 Apr 2020 19:46

Tgt Ion:202 Resp: 736435

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.1	10.7
100	7.8	5.5	8.3



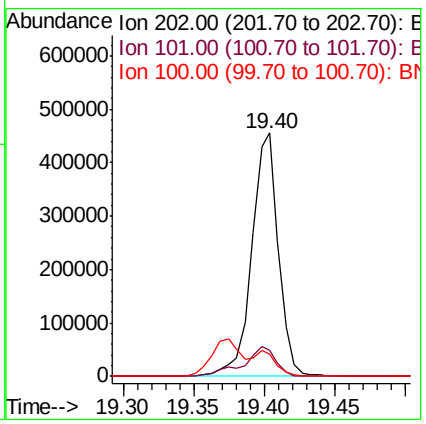


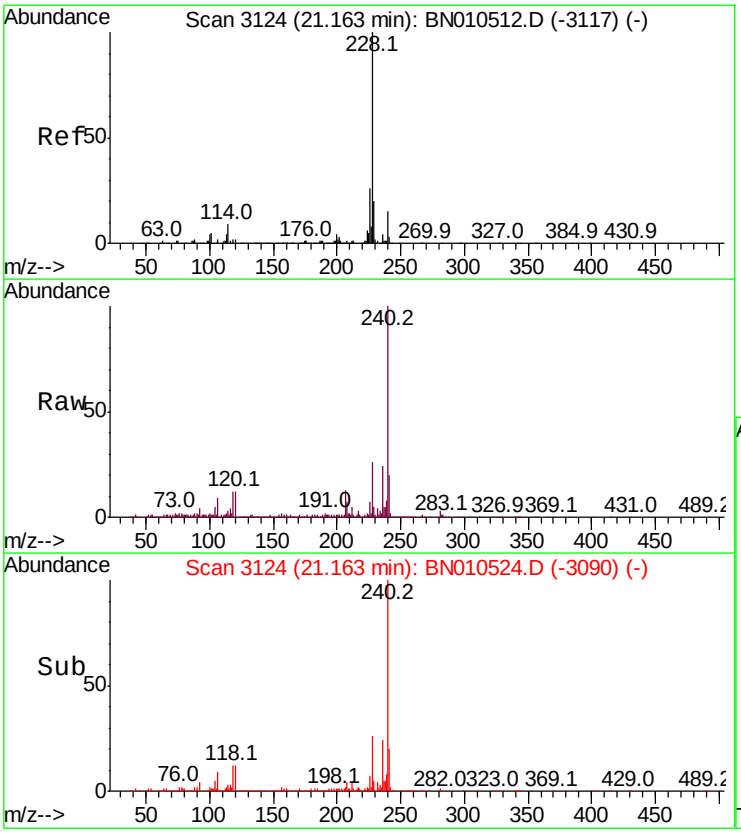
#80
Pyrene
Concen: 2.839 ng/ul
RT: 19.40 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BN010524.D
Acq: 16 Apr 2020 19:46

Instrument :
BNA_N
ClientSampleId :
CB7A1

Tgt Ion:202 Resp: 604098

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.6	13.0
100	9.2	7.0	10.6

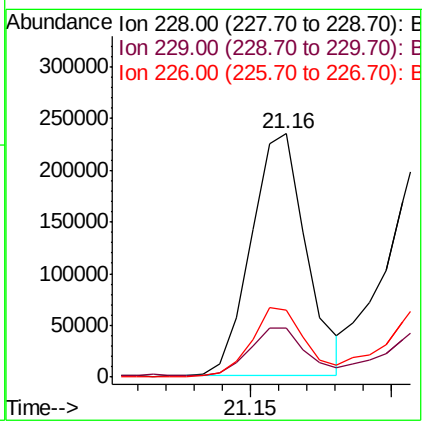


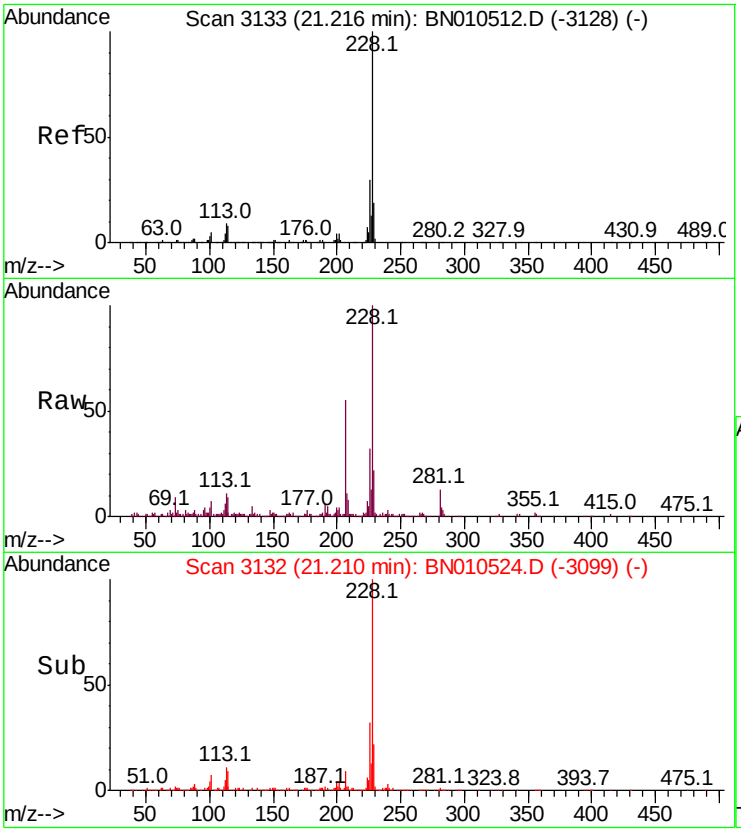


#83
Benzo(a)anthracene
Concen: 1.559 ng/ul
RT: 21.16 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BN010524.D
Acq: 16 Apr 2020 19:46

Tgt Ion:228 Resp: 318543

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.0	24.0
226	27.7	21.4	32.2



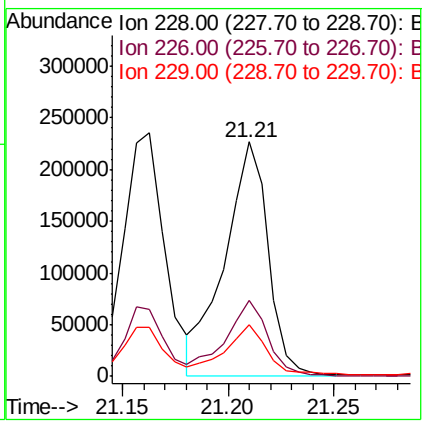


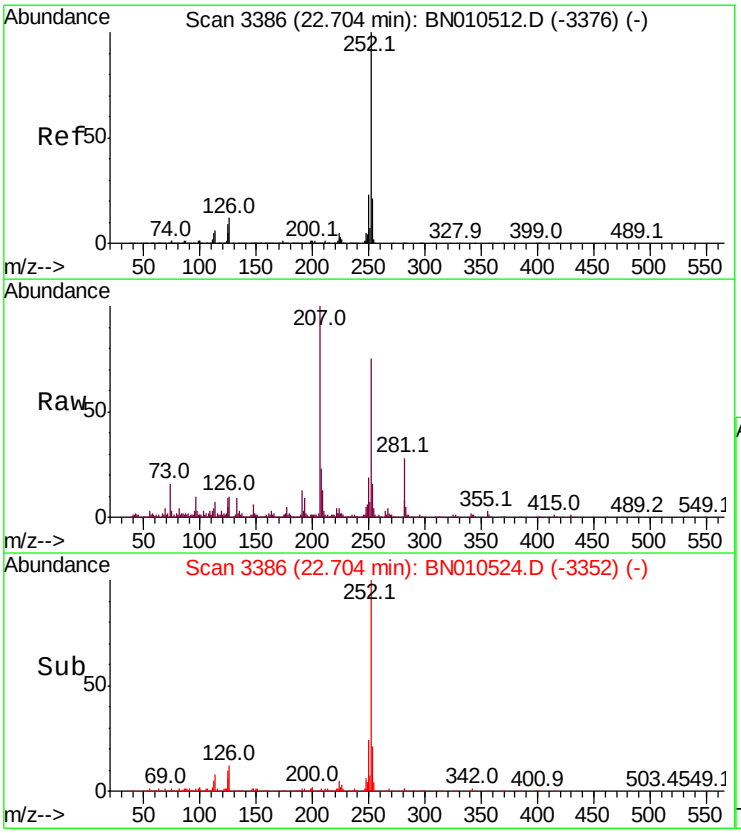
#85
Chrysene
Concen: 1.673 ng/ul
RT: 21.21 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BN010524.D
Acq: 16 Apr 2020 19:46

Instrument :
BNA_N
ClientSampleId :
CB7A1

Tgt Ion:228 Resp: 321316

Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.0	34.6
229	22.0	15.0	22.4

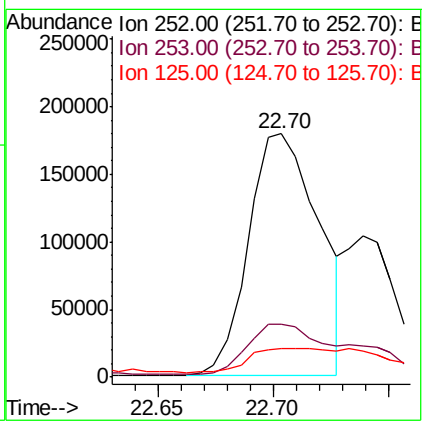


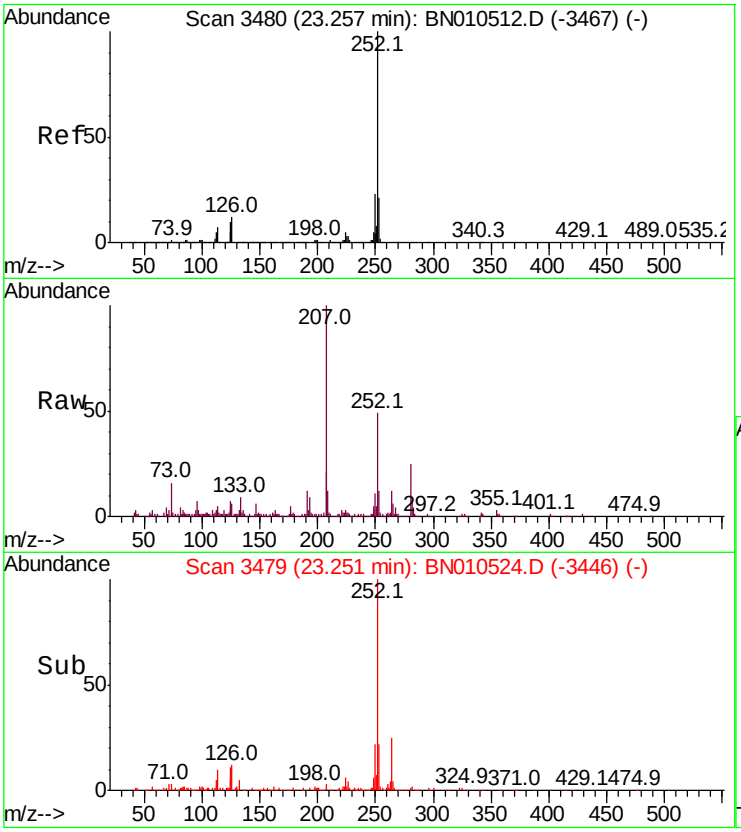


#88
Benzo(b)fluoranthene
Concen: 2.183 ng/ul
RT: 22.70 min Scan# 3386
Delta R.T. -0.00 min
Lab File: BN010524.D
Acq: 16 Apr 2020 19:46

Tgt Ion:252 Resp: 379264

Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.7	25.1
125	11.5	7.2	10.8#





#91
Benzo(a)pyrene
Concen: 1.406 ng/ul
RT: 23.25 min Scan# 3479
Delta R.T. -0.01 min
Lab File: BN010524.D
Acq: 16 Apr 2020 19:46

Instrument :
BNA_N
ClientSampleId :
CB7A1

Tgt Ion:252 Resp: 217009

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.8
125	13.5	7.8	11.6#