Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
Data File : BN004187.D
Acq On : 22 Dec 2018 07:35
Operator : JU/SJ
Sample : J6415-06
Misc : GC-MS Confirmation
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Dec 24 07:10:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 24 07:07:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	30964	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	140547	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	75201	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	203056	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	215624	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	176520	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.46	176	271	0.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.21	188	203056	19.79	ng/ul	-0.10
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	23.72	264	174348	18.21	ng/ul	0.15
Target Compounds						Qvalue
58) Fluorene	15.51	166	9681	1.516	ng/ul	98
69) Phenanthrene	17.25	178	159817	13.622	ng/ul	100
71) Anthracene	17.35	178	21837	1.816	ng/ul	99
76) Fluoranthene	19.27	202	311416	21.655	ng/ul	99
79) Pyrene	19.63	202	231214	19.194	ng/ul	98
82) Benzo(a)anthracene	21.38	228	151622	11.277	ng/ul	100
84) Chrysene	21.43	228	154564	12.273	ng/ul	100
87) Benzo(b)fluoranthene	23.02	252	155741	14.729	ng/ul	97
88) Benzo(k)fluoranthene	23.02	252	155741	15.730	ng/ul#	96
90) Benzo(a)pyrene	23.62	252	10727	1.053	ng/ul#	88
91) Indeno(1,2,3-cd)pyrene	26.08	276	26793	2.018	ng/ul	100
92) Dibenzo(a,h)anthracene	26.08	278	15291	1.386	ng/ul#	95

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

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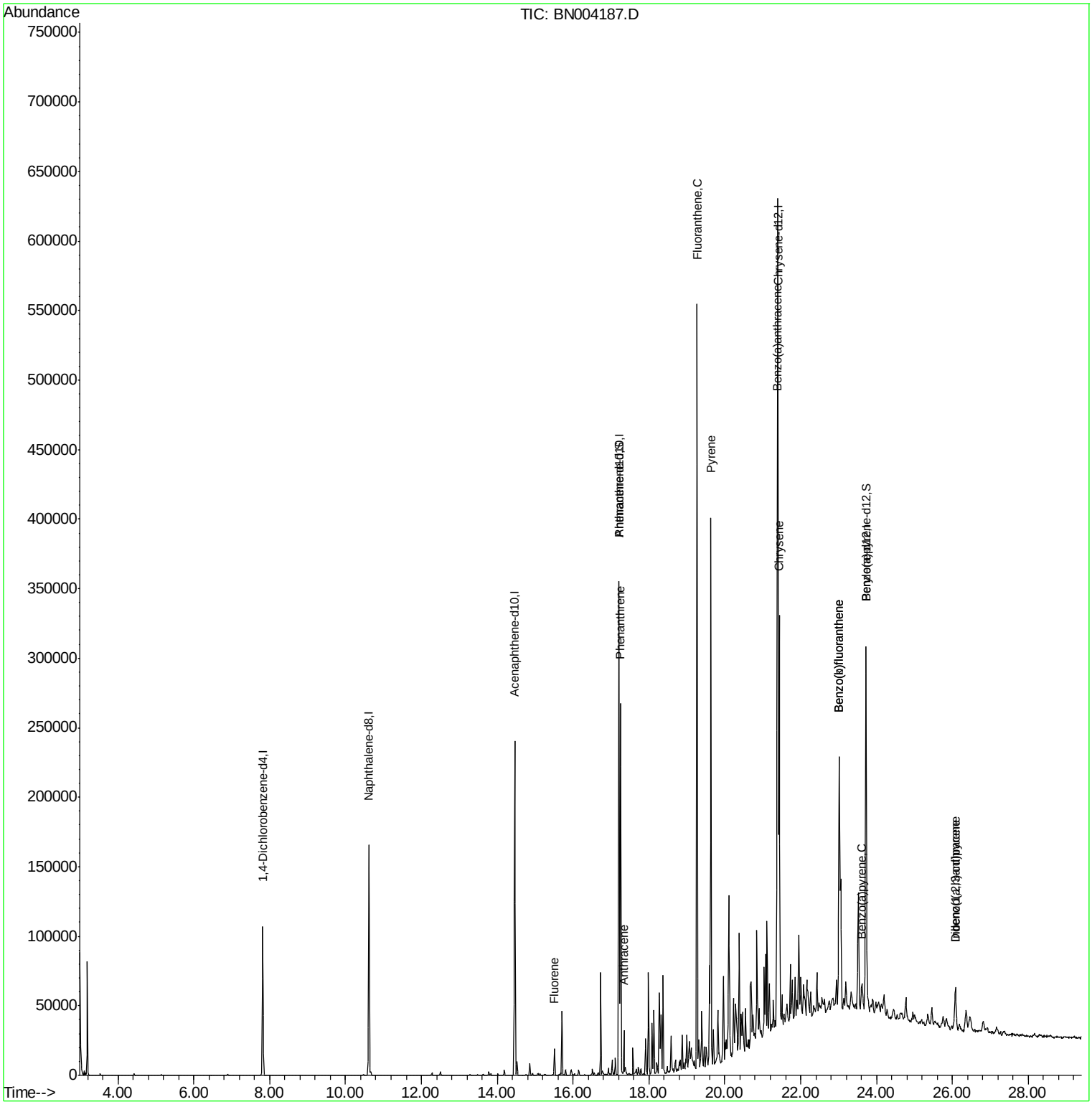
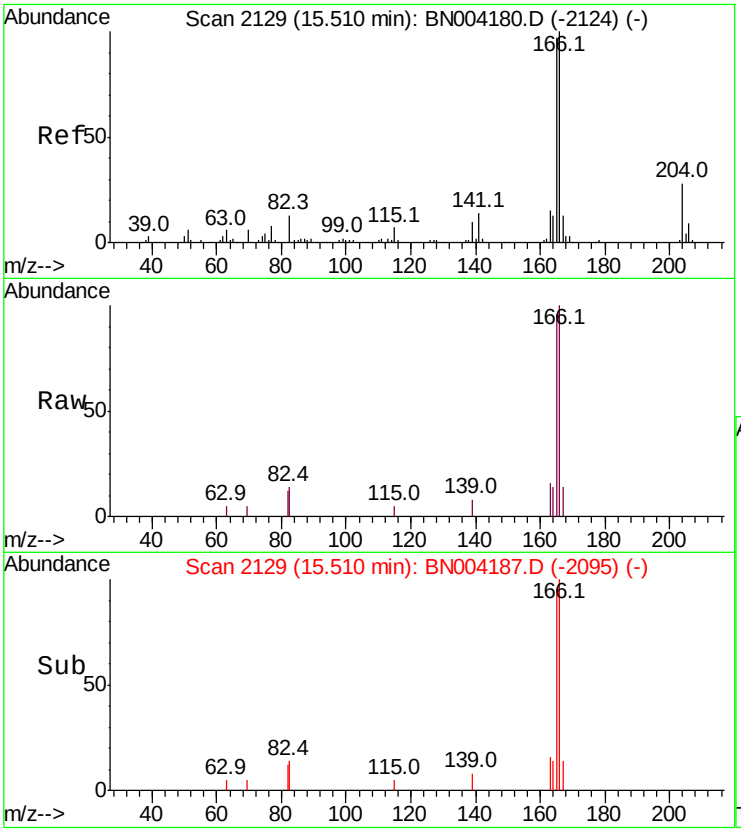
Misc : GC-MS Confirmation
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 24 07:10:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 24 07:07:24 2018
Response via : Initial Calibration



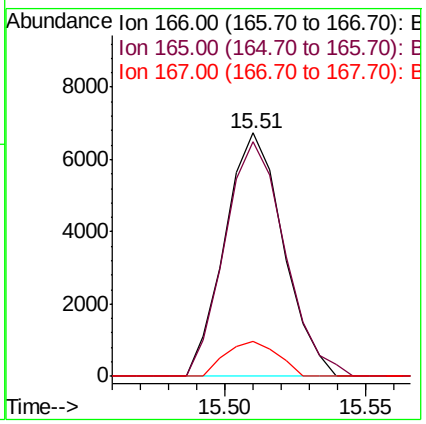


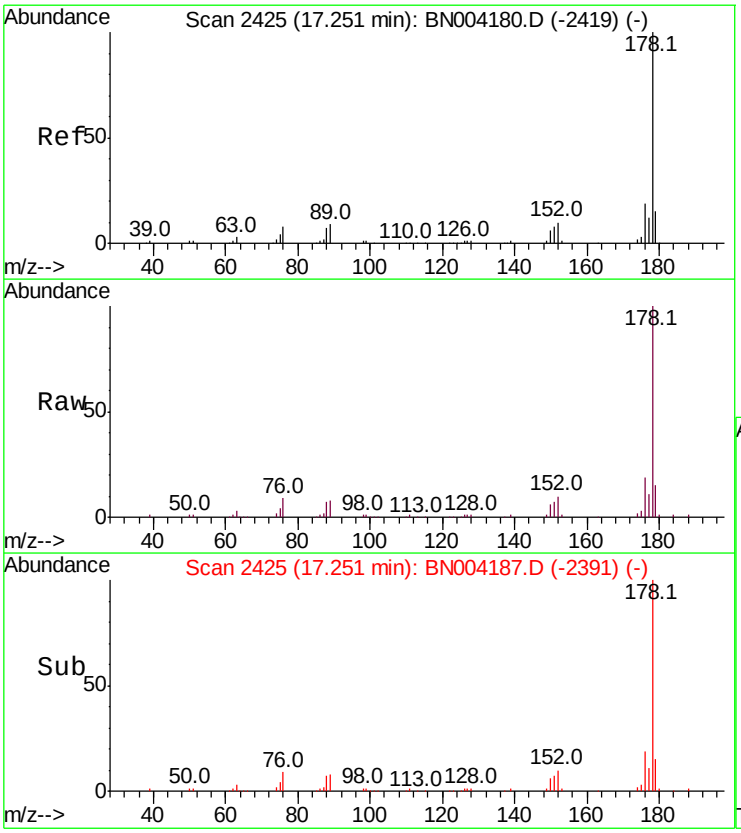
#58
Fluorene
Concen: 1.516 ng/ul
RT: 15.51 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BN004187.D
Acq: 22 Dec 2018 07:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 9681

Ion	Ratio	Lower	Upper
166	100		
165	96.3	78.6	117.8
167	14.3	10.3	15.5

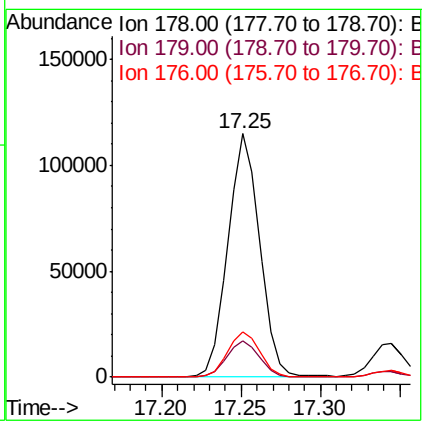


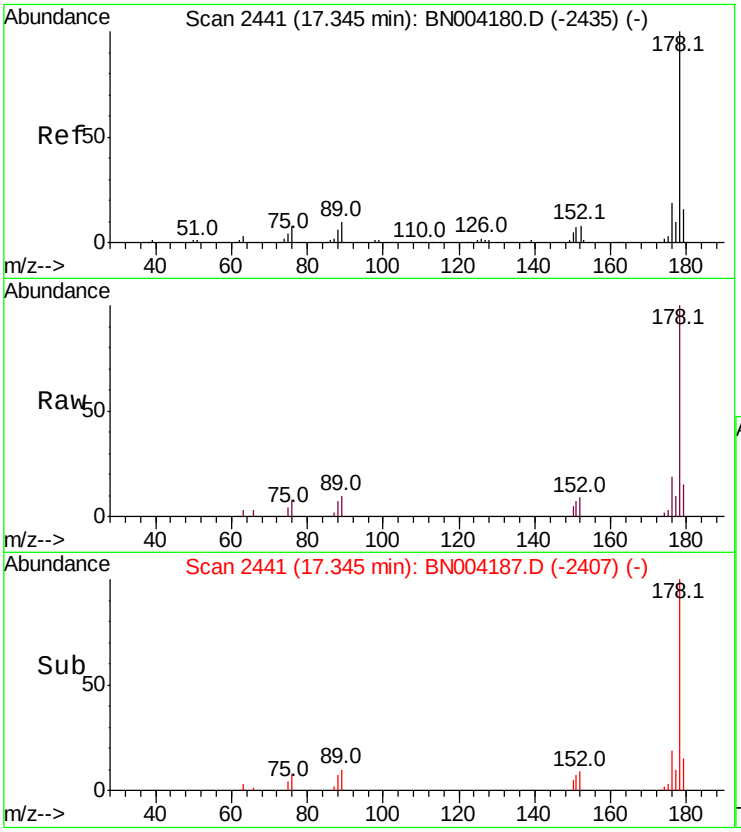


#69
Phenanthrene
Concen: 13.622 ng/ul
RT: 17.25 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BN004187.D
Acq: 22 Dec 2018 07:35

Tgt Ion:178 Resp: 159817

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.1	18.1
176	18.8	15.0	22.6



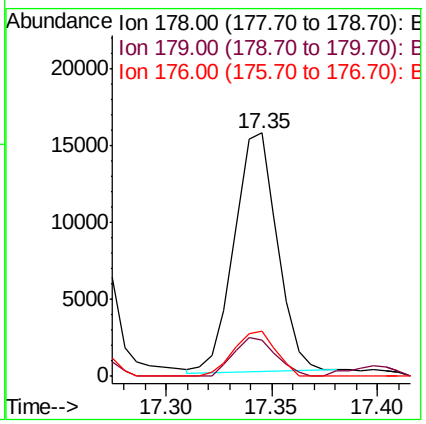


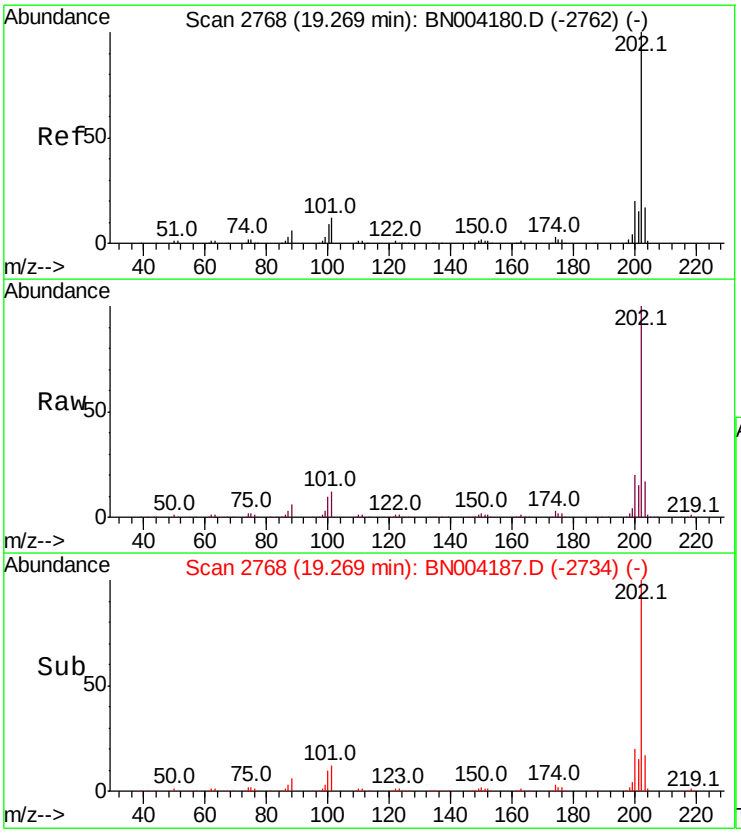
#71
Anthracene
Concen: 1.816 ng/ul
RT: 17.35 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BN004187.D
Acq: 22 Dec 2018 07:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 21837

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.1	18.1
176	18.6	15.2	22.8

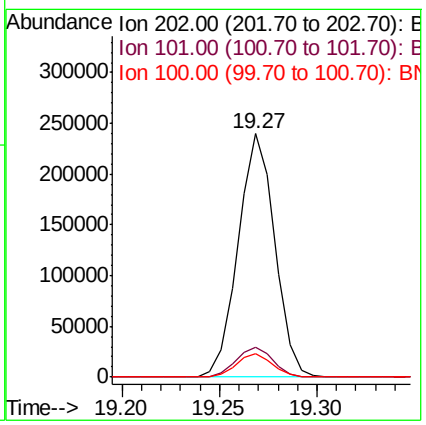


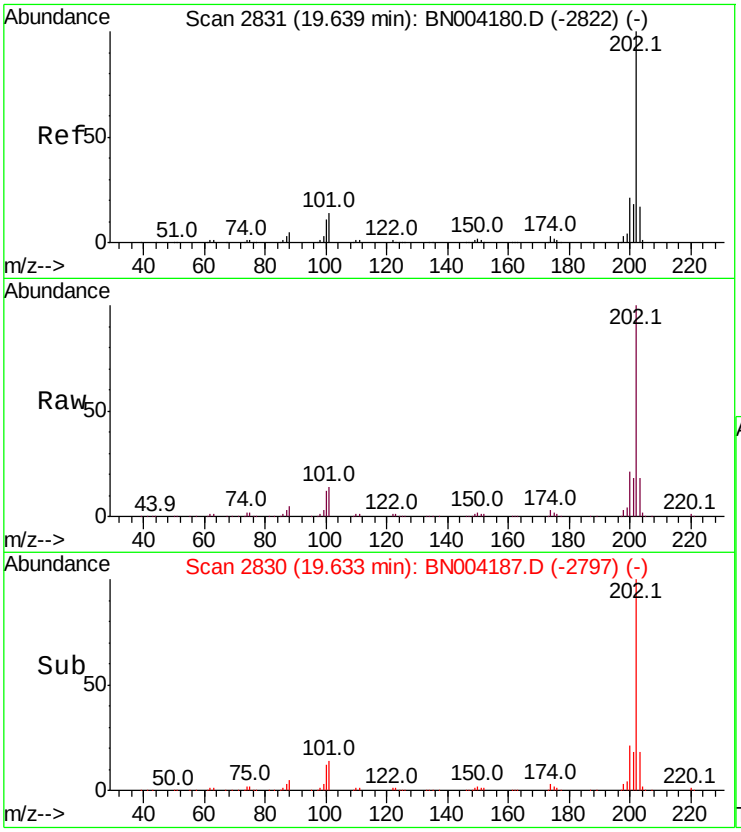


#76
Fluoranthene
Concen: 21.655 ng/ul
RT: 19.27 min Scan# 2768
Delta R.T. -0.00 min
Lab File: BN004187.D
Acq: 22 Dec 2018 07:35

Tgt Ion:202 Resp: 311416

Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.2	15.2
100	9.5	7.8	11.8



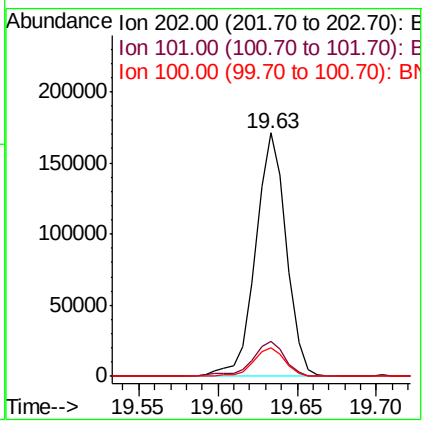


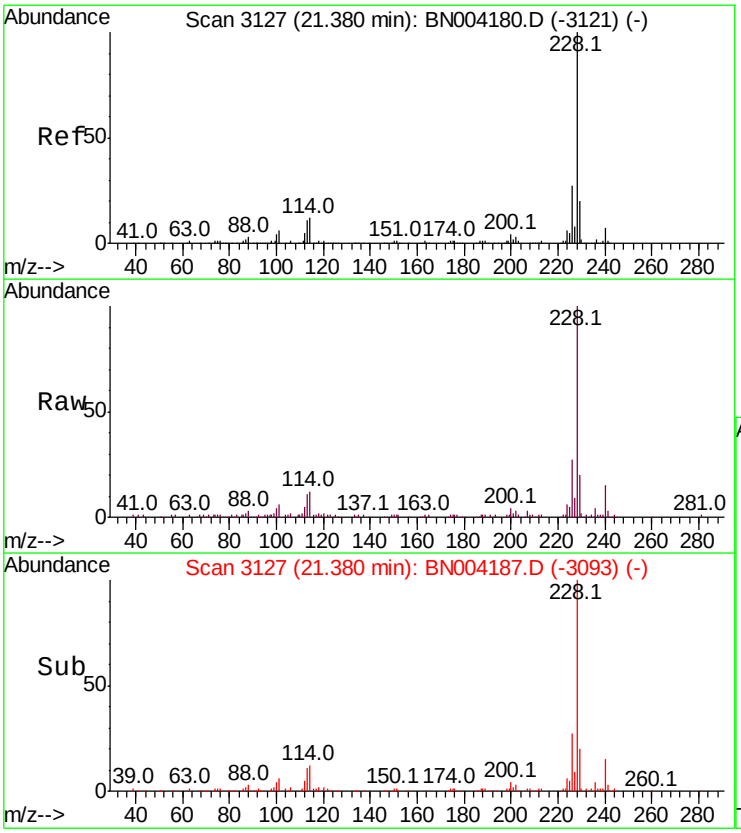
#79
Pyrene
Concen: 19.194 ng/ul
RT: 19.63 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BN004187.D
Acq: 22 Dec 2018 07:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 231214

Ion	Ratio	Lower	Upper
202	100		
101	14.3	12.2	18.2
100	12.0	9.9	14.9

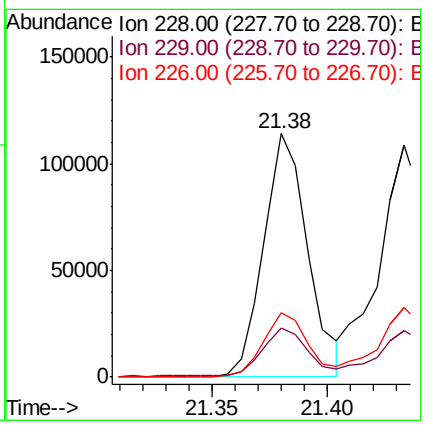


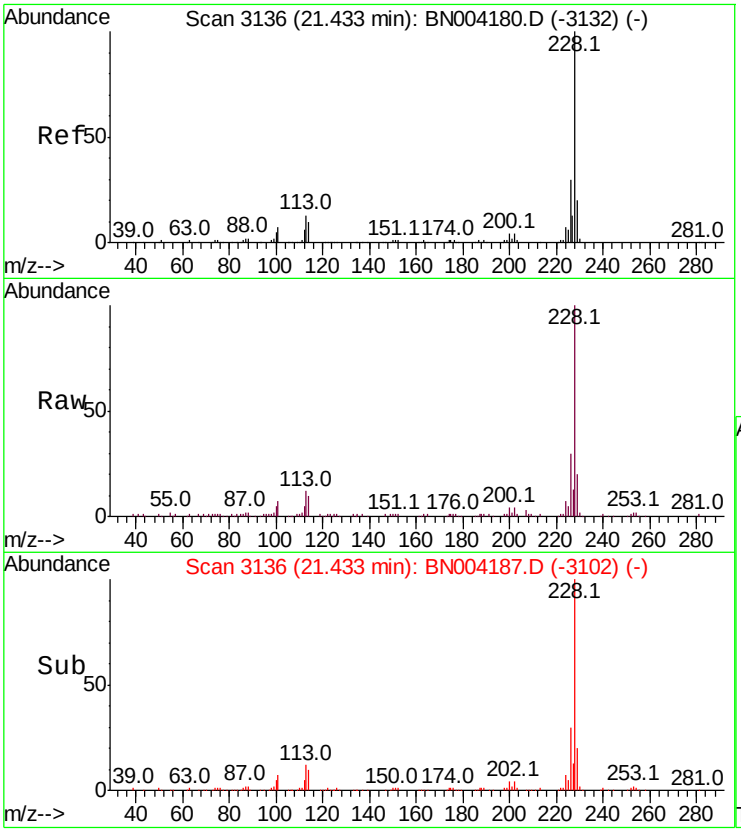


#82
Benzo(a)anthracene
Concen: 11.277 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BN004187.D
Acq: 22 Dec 2018 07:35

Tgt Ion:228 Resp: 151622

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.9	23.9
226	26.6	21.4	32.2



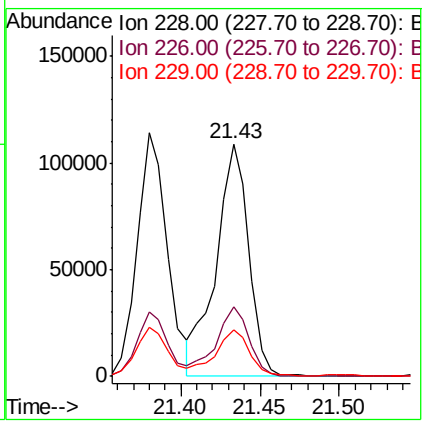


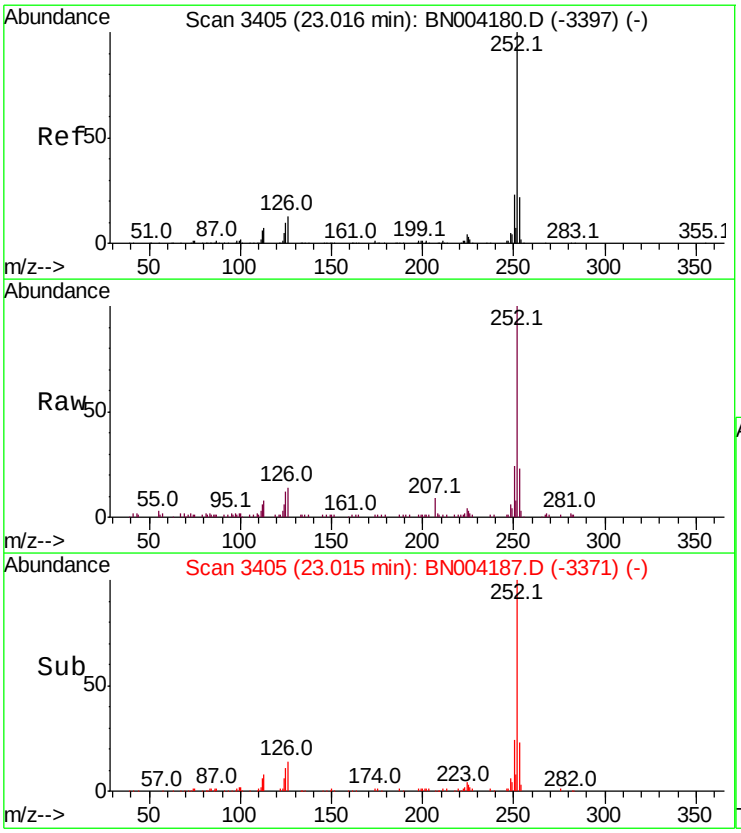
#84
Chrysene
Concen: 12.273 ng/ul
RT: 21.43 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BN004187.D
Acq: 22 Dec 2018 07:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 154564

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.8
229	20.0	15.8	23.6

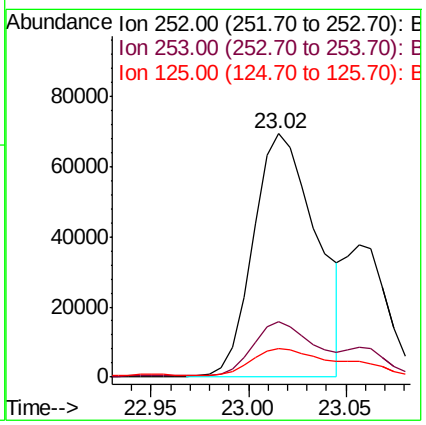


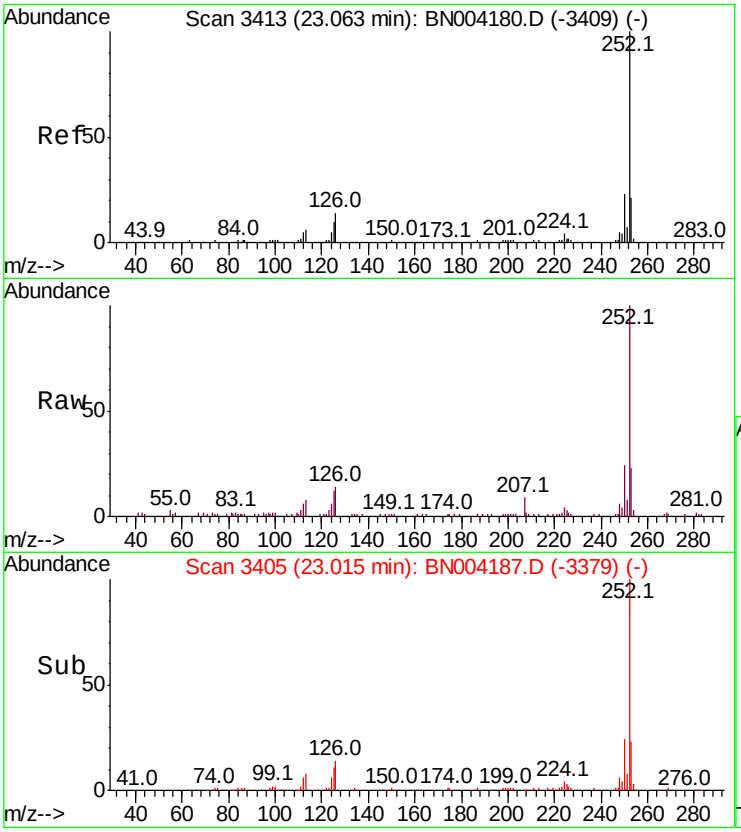


#87
Benzo(b)fluoranthene
Concen: 14.729 ng/ul
RT: 23.02 min Scan# 3405
Delta R.T. -0.00 min
Lab File: BN004187.D
Acq: 22 Dec 2018 07:35

Tgt Ion:252 Resp: 155741

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	11.9	8.2	12.4



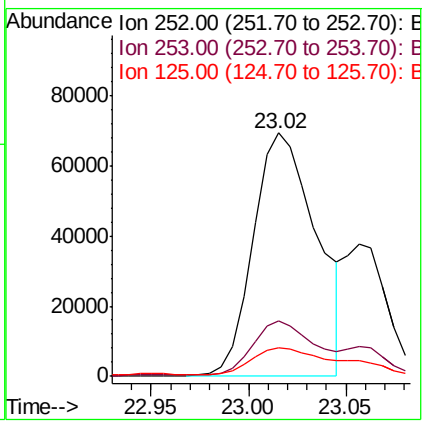


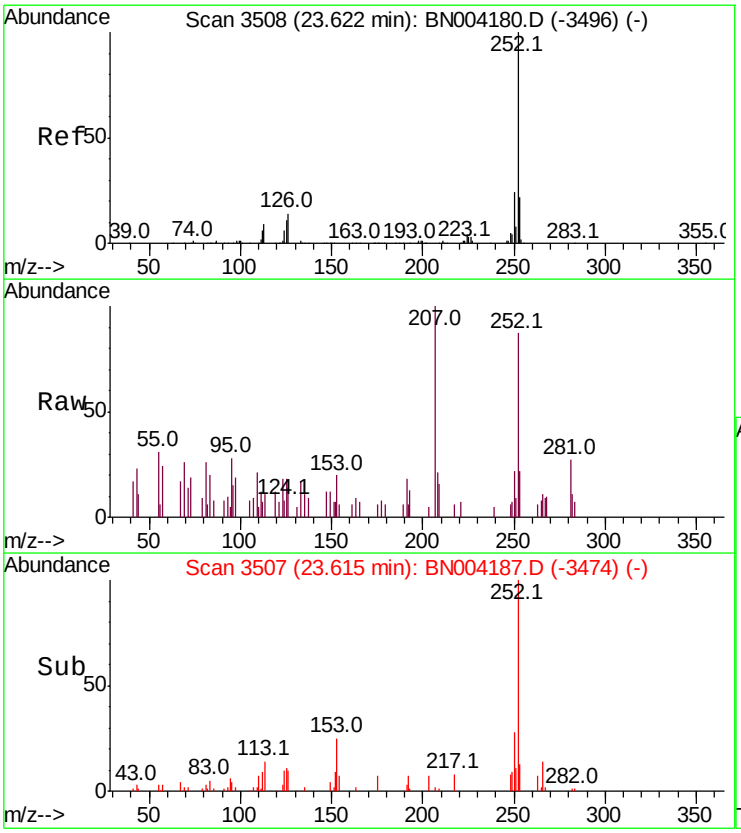
#88
Benzo(k)fluoranthene
Concen: 15.730 ng/ul
RT: 23.02 min Scan# 3405
Delta R.T. -0.05 min
Lab File: BN004187.D
Acq: 22 Dec 2018 07:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 155741

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	11.9	7.9	11.9#

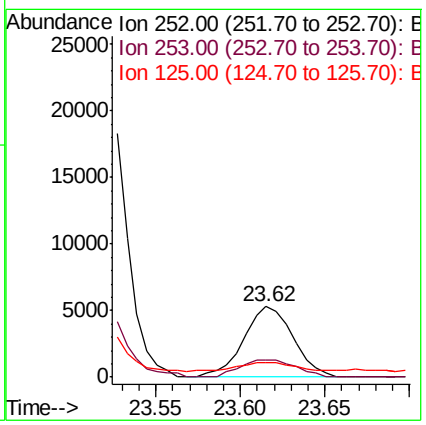


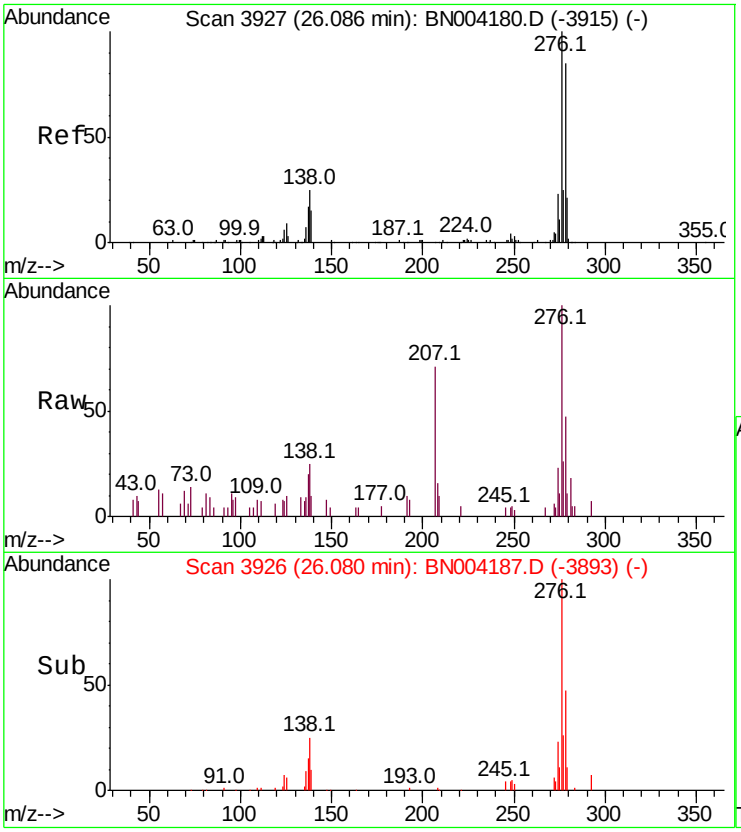


#90
Benzo(a)pyrene
Concen: 1.053 ng/ul
RT: 23.62 min Scan# 3507
Delta R.T. -0.01 min
Lab File: BN004187.D
Acq: 22 Dec 2018 07:35

Tgt Ion:252 Resp: 10727

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.5	26.3
125	20.6	9.1	13.7#



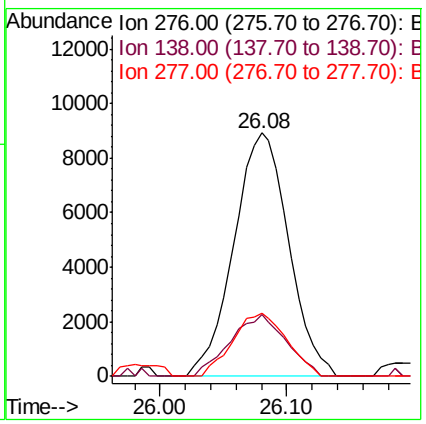


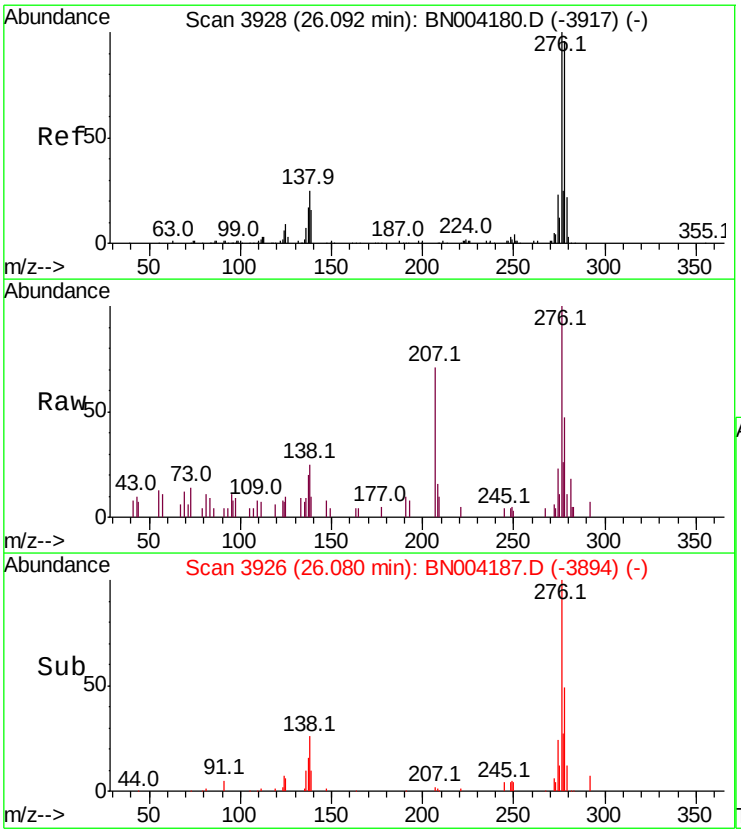
#91
Indeno(1,2,3-cd)pyrene
Concen: 2.018 ng/ul
RT: 26.08 min Scan# 3926
Delta R.T. -0.01 min
Lab File: BN004187.D
Acq: 22 Dec 2018 07:35

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 26793

Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.4	30.6
277	26.0	20.6	30.8





#92
Dibenzo(a,h)anthracene
Concen: 1.386 ng/ul
RT: 26.08 min Scan# 3926
Delta R.T. -0.01 min
Lab File: BN004187.D
Acq: 22 Dec 2018 07:35

Tgt Ion:278 Resp: 15291

Ion	Ratio	Lower	Upper
278	100		
139	21.3	13.3	19.9#
279	24.0	19.0	28.6