Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005855.D
Acq On : 22 May 2019 17:42
Operator : JU/SJ
Sample : k2925-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 23 01:15:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	73693	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	341909	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	243904	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	650126	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	798020	20.00	ng/ul	0.01
85) Perylene-d12	23.41	264	948528	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	2483	1.89	ng/uL	0.00
5) Phenol-d5	6.78	99	48415	8.50	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.92	67	32867	11.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	43715	9.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	32220	6.62	ng/ul	0.02
19) Nitrobenzene-d5	8.73	128	23351	9.41	ng/ul	0.02
22) 2-Nitrophenol-d4	9.44	143	23358	8.15	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.02	165	45390	8.30	ng/ul	0.05
29) 4-Chloroaniline-d4	10.52	131	39553	6.51	ng/ul	0.04
43) Dimethylphthalate-d6	13.62	166	204116	10.88	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	236253	10.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	2344	0.89	ng/ul	0.07
57) Fluorene-d10	15.21	176	181008	11.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	11677	2.99	ng/ul	0.03
70) Anthracene-d10	17.07	188	302514	10.77	ng/ul	0.01
78) Pyrene-d10	19.38	212	392737	9.99	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	460548	10.82	ng/ul	0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.67	163	54672	2.955	ng/ul	96
69) Phenanthrene	17.00	178	69813	2.166	ng/ul	95
71) Anthracene	17.00	178	69813	2.128	ng/ul	95
76) Fluoranthene	19.05	202	204787	5.140	ng/ul#	88
79) Pyrene	19.41	202	186434	3.804	ng/ul#	88
82) Benzo(a)anthracene	21.19	228	130720	2.600	ng/ul	97
84) Chrysene	21.24	228	117762	2.485	ng/ul	99
87) Benzo(b)fluoranthene	22.76	252	161584	3.097	ng/ul#	96
88) Benzo(k)fluoranthene	22.80	252	53001	1.050	ng/ul#	96
90) Benzo(a)pyrene	23.32	252	112549	2.227	ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	25.62	276	71081	1.151	ng/ul#	88
93) Benzo(g,h,i)perylene	26.29	276	59613	1.154	ng/ul#	89

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

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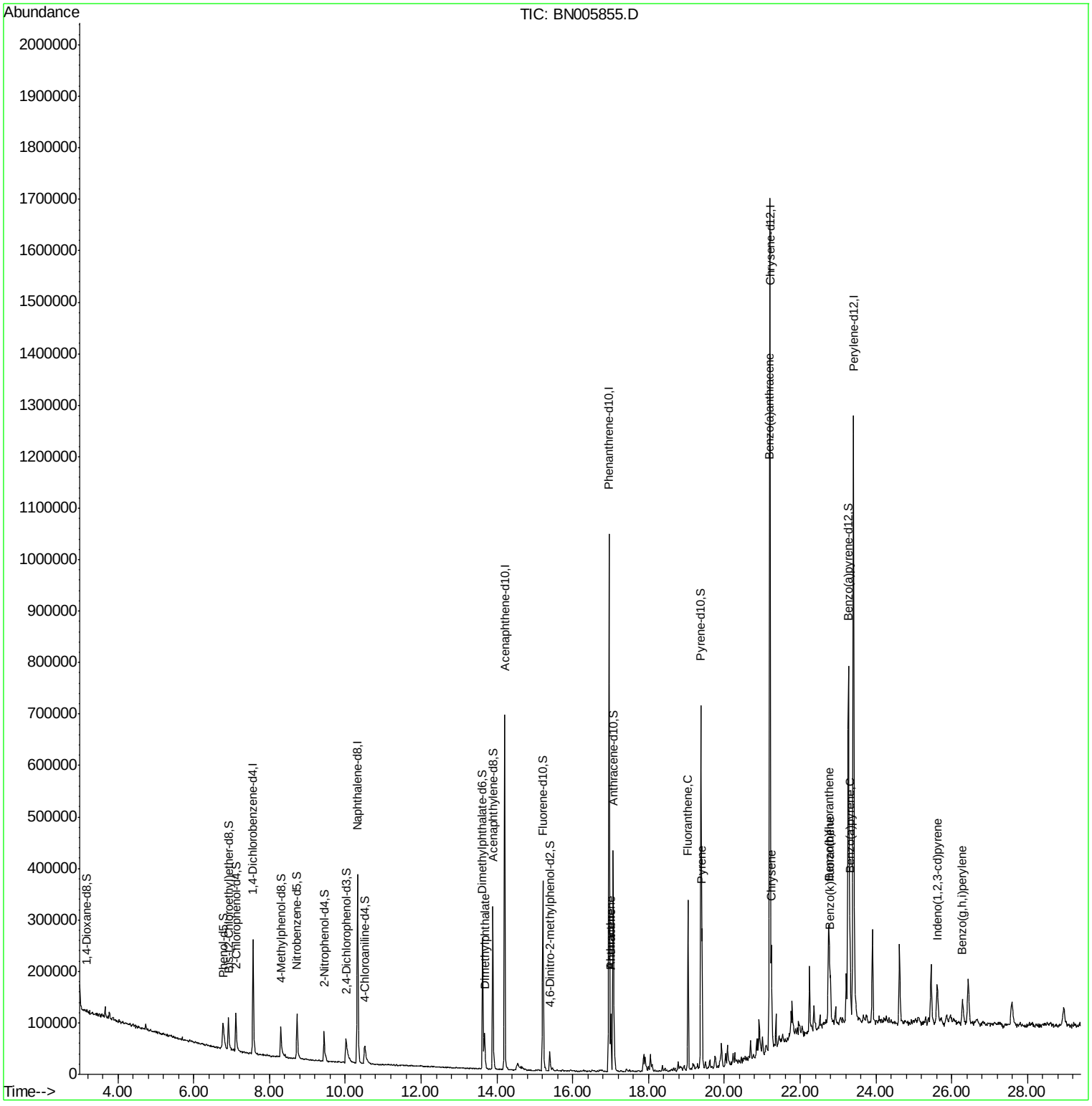
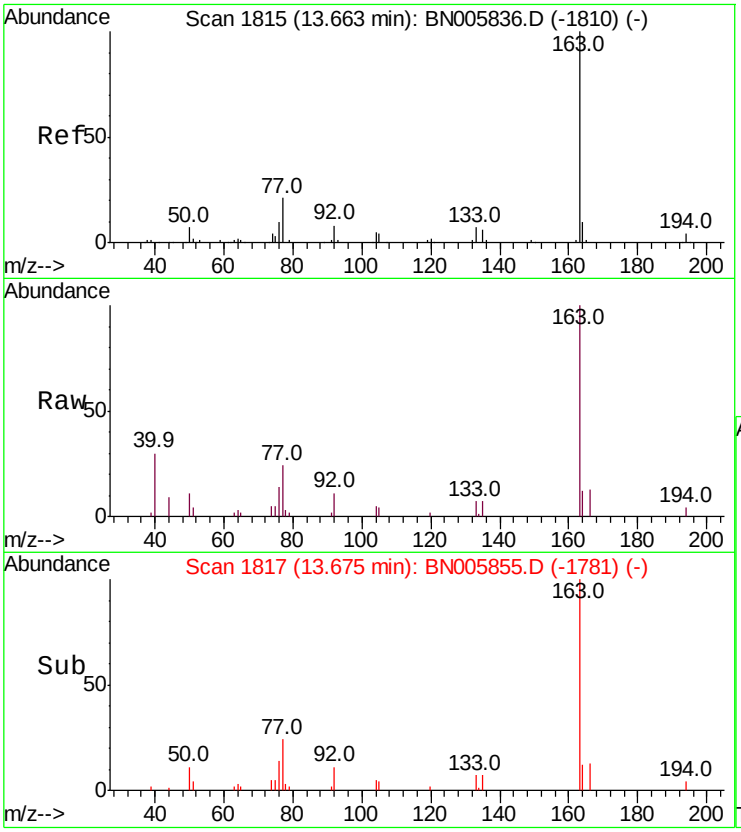
Sample : k2925-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 23 01:15:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration



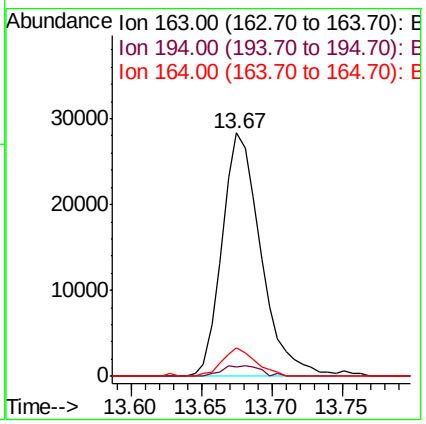


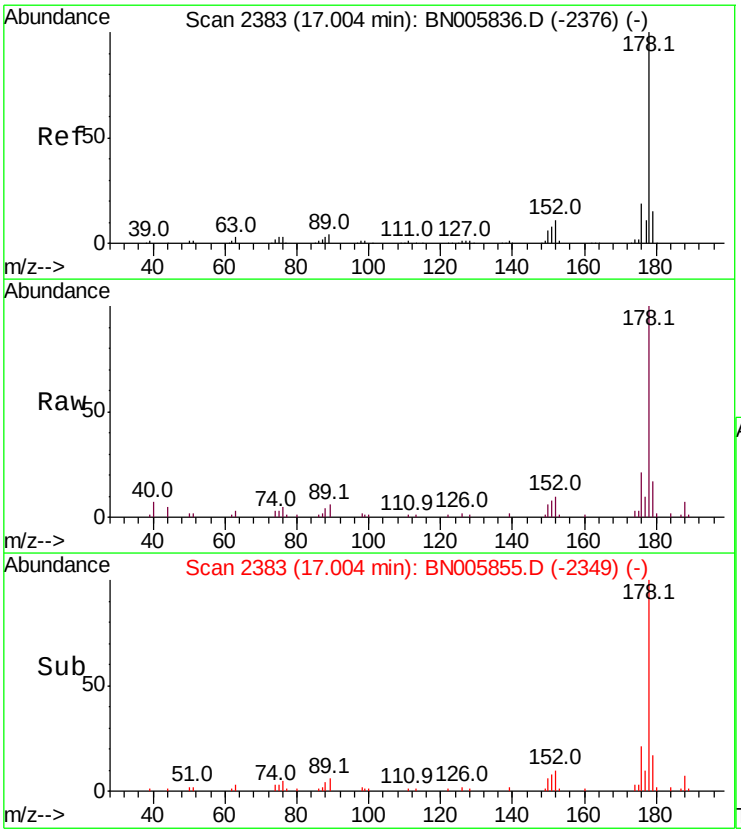
#44
Dimethylphthalate
Concen: 2.955 ng/ul
RT: 13.67 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BN005855.D
Acq: 22 May 2019 17:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:163 Resp: 54672

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.0
164	12.0	8.1	12.1

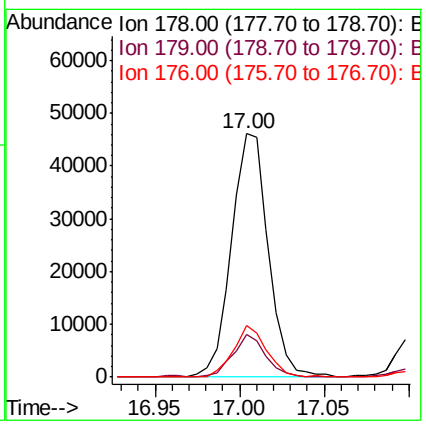


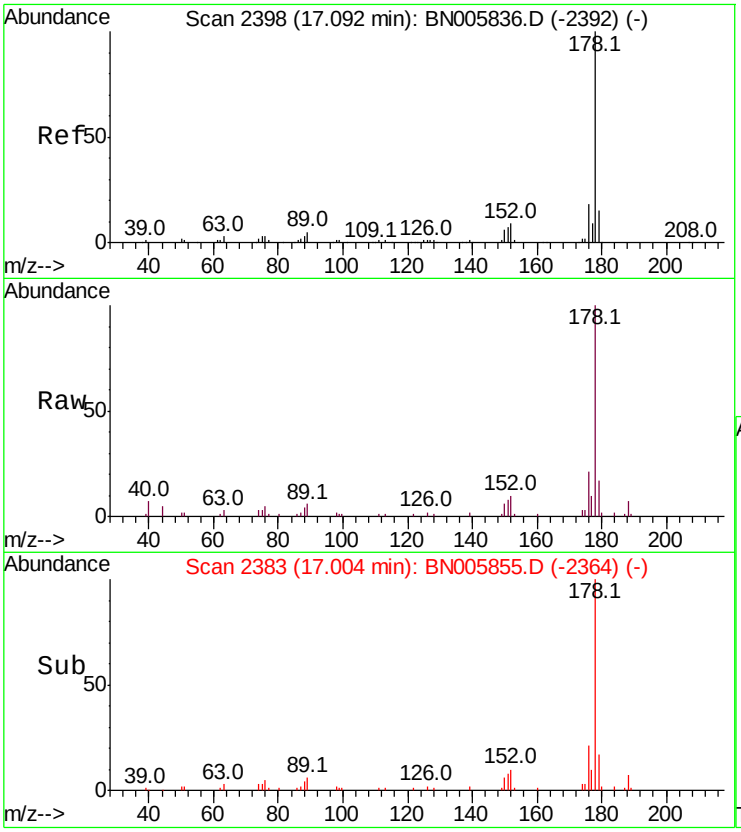


#69
Phenanthrene
Concen: 2.166 ng/ul
RT: 17.00 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BN005855.D
Acq: 22 May 2019 17:42

Tgt Ion:178 Resp: 69813

Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.2	18.4
176	21.4	15.1	22.7



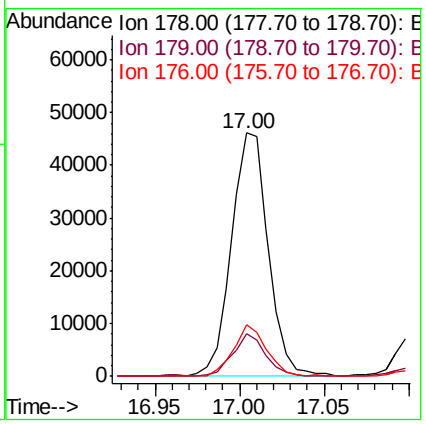


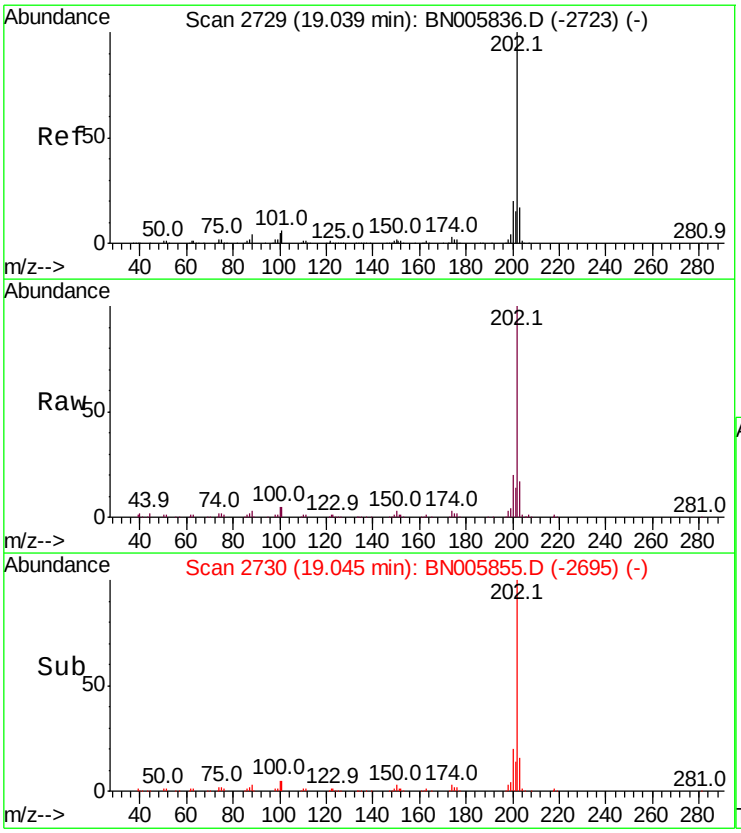
#71
Anthracene
Concen: 2.128 ng/ul
RT: 17.00 min Scan# 2383
Delta R.T. -0.09 min
Lab File: BN005855.D
Acq: 22 May 2019 17:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 69813

Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.3	18.5
176	21.4	15.1	22.7

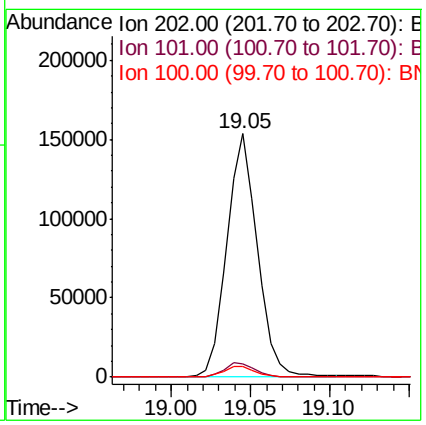


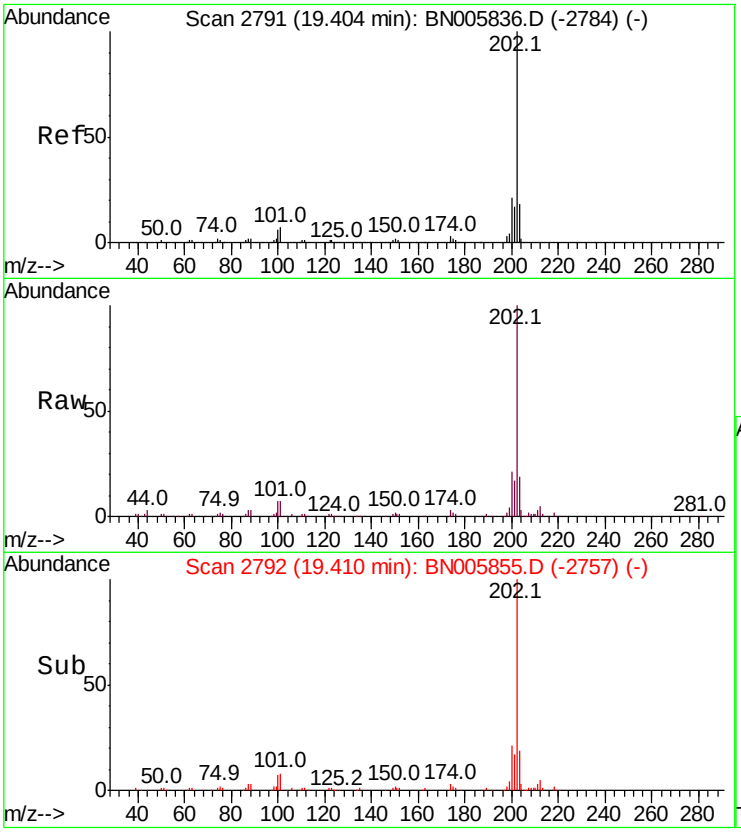


#76
Fluoranthene
Concen: 5.140 ng/ul
RT: 19.05 min Scan# 2730
Delta R.T. 0.01 min
Lab File: BN005855.D
Acq: 22 May 2019 17:42

Tgt Ion:202 Resp: 204787

Ion	Ratio	Lower	Upper
202	100		
101	5.3	8.6	12.8#
100	4.6	6.3	9.5#



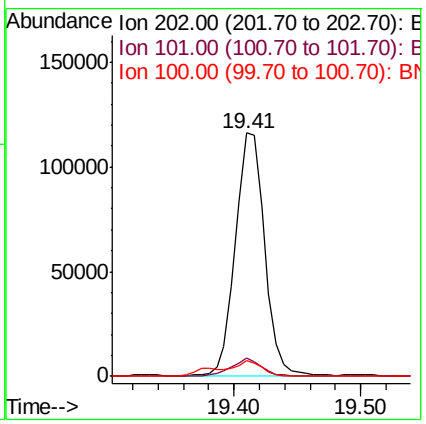


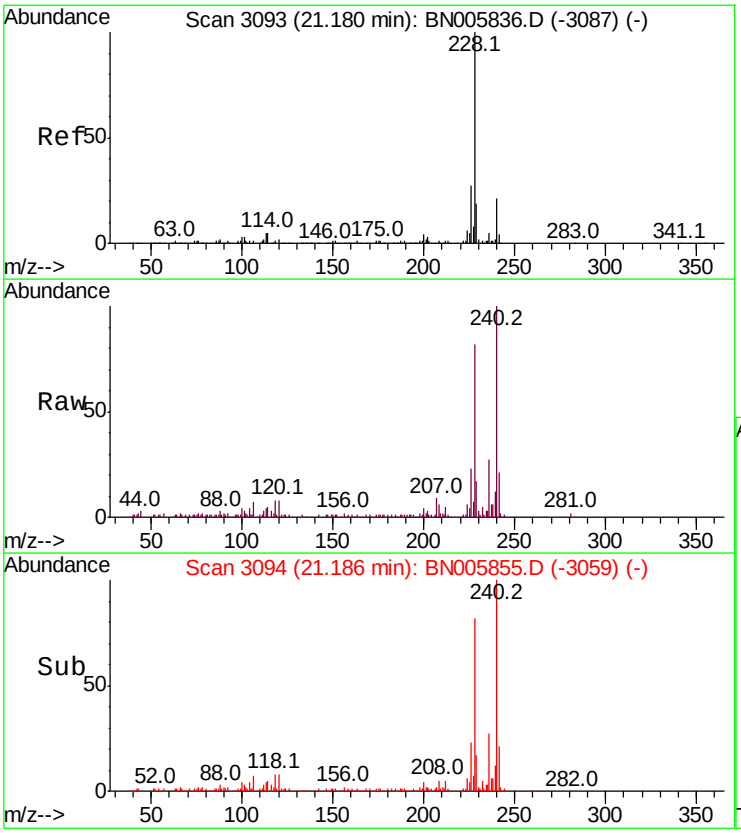
#79
Pyrene
Concen: 3.804 ng/ul
RT: 19.41 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BN005855.D
Acq: 22 May 2019 17:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 186434

Ion	Ratio	Lower	Upper
202	100		
101	7.5	10.3	15.5#
100	6.6	7.9	11.9#

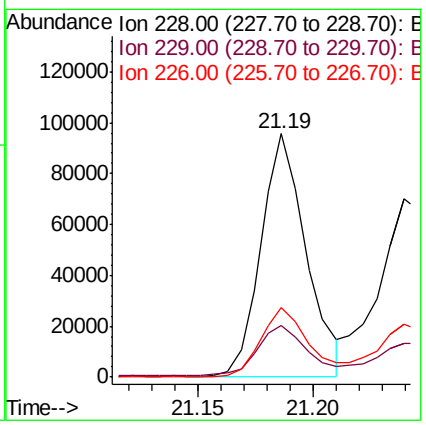


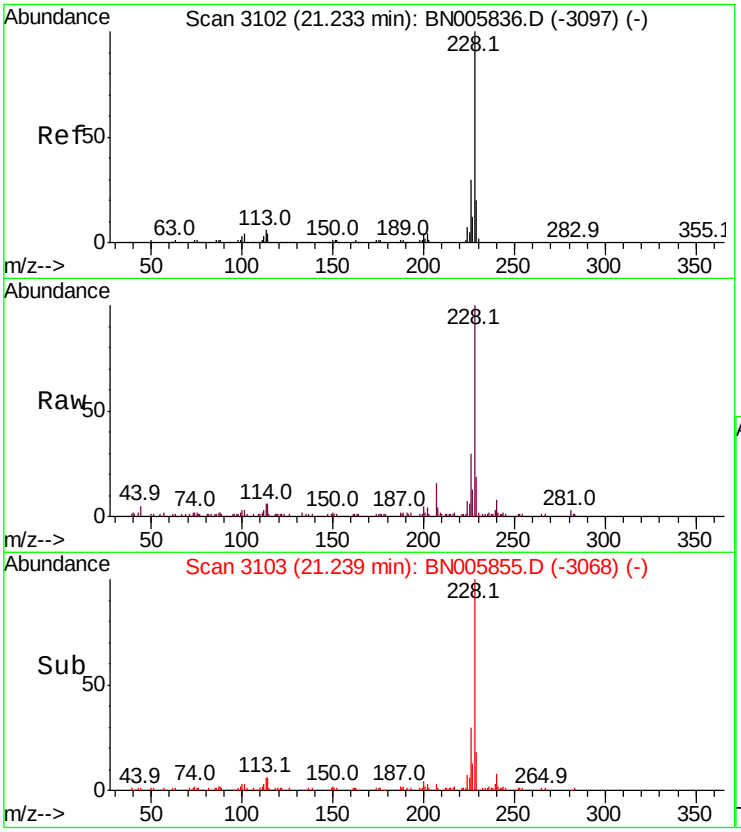


#82
Benzo(a)anthracene
Concen: 2.600 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. 0.01 min
Lab File: BN005855.D
Acq: 22 May 2019 17:42

Tgt Ion:228 Resp: 130720

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.8	23.6
226	28.5	21.4	32.2



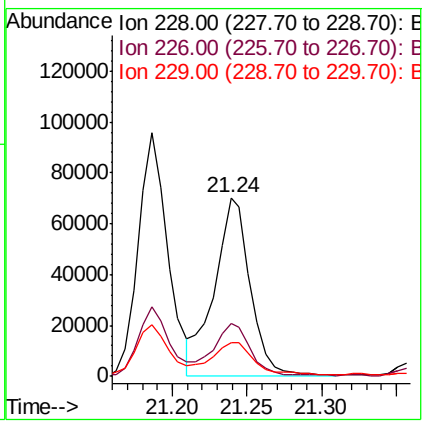


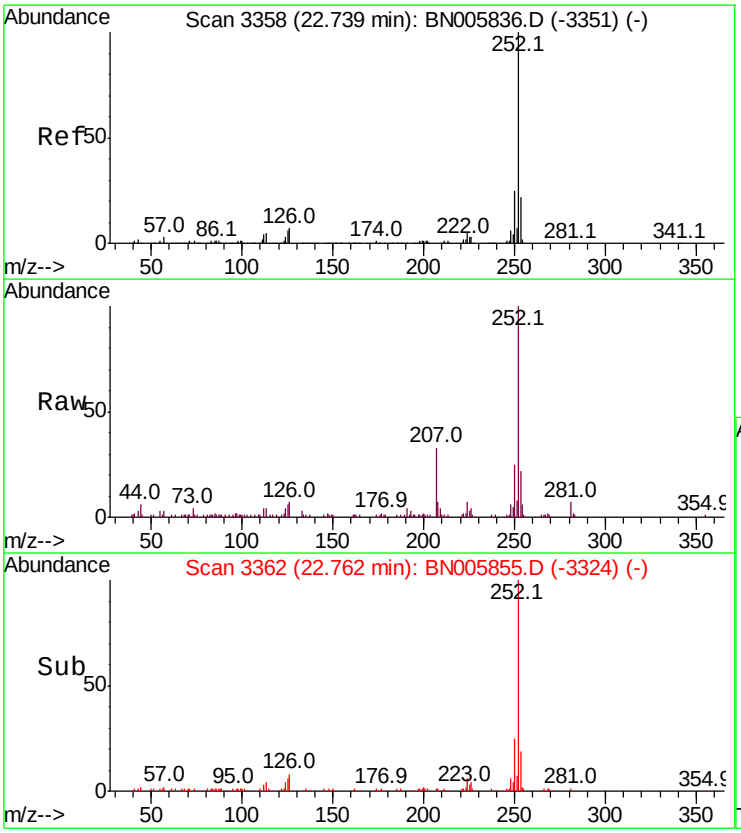
#84
Chrysene
Concen: 2.485 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. 0.01 min
Lab File: BN005855.D
Acq: 22 May 2019 17:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 117762

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	19.1	15.4	23.0

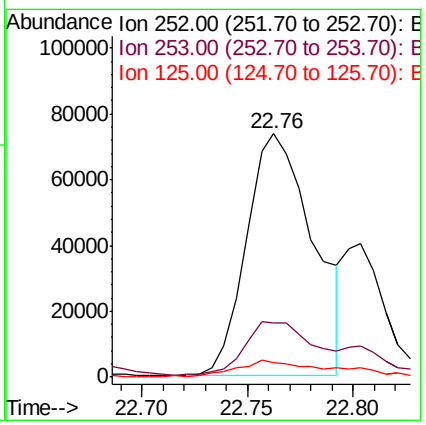


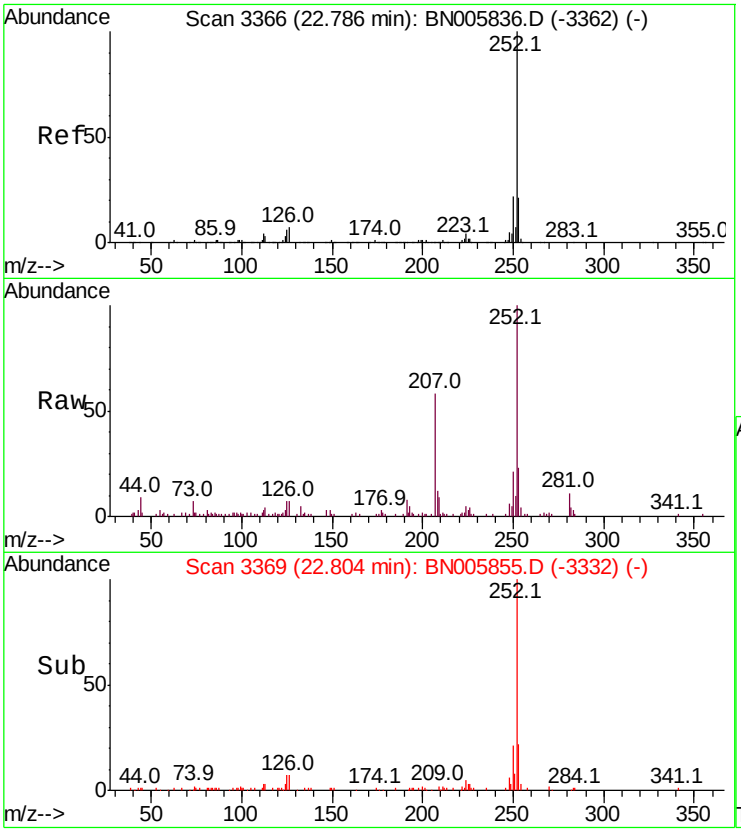


#87
Benzo(b)fluoranthene
Concen: 3.097 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. 0.02 min
Lab File: BN005855.D
Acq: 22 May 2019 17:42

Tgt Ion:252 Resp: 161584

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	5.9	8.4	12.6#



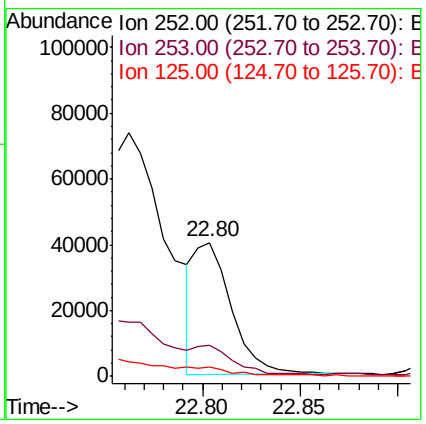


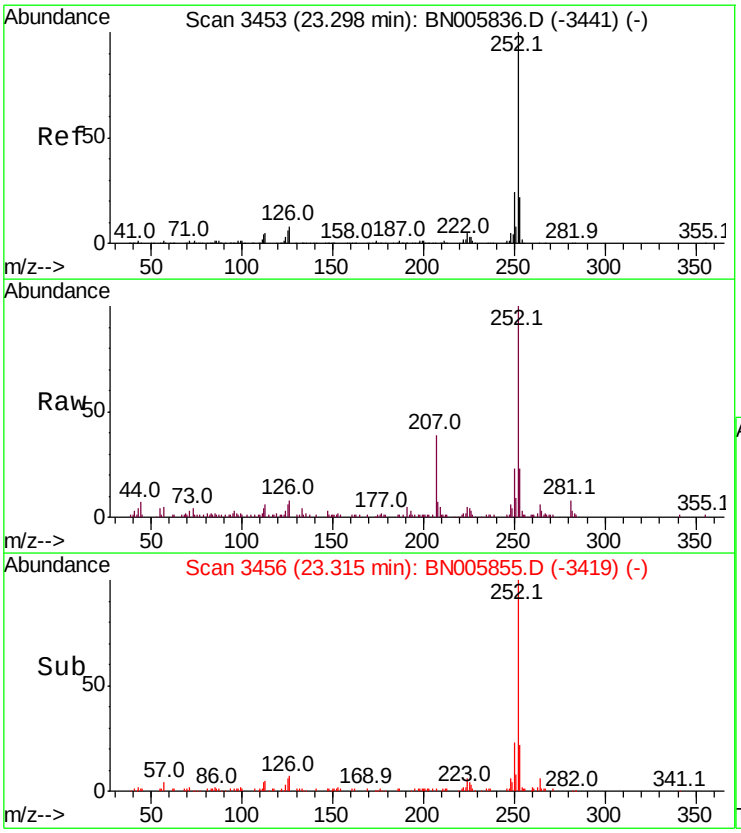
#88
Benzo(k)fluoranthene
Concen: 1.050 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. 0.02 min
Lab File: BN005855.D
Acq: 22 May 2019 17:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 53001

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	6.6	7.5	11.3#

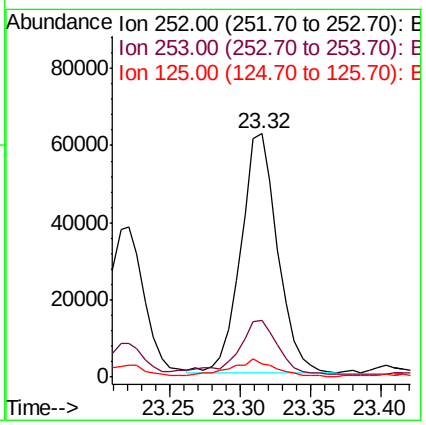


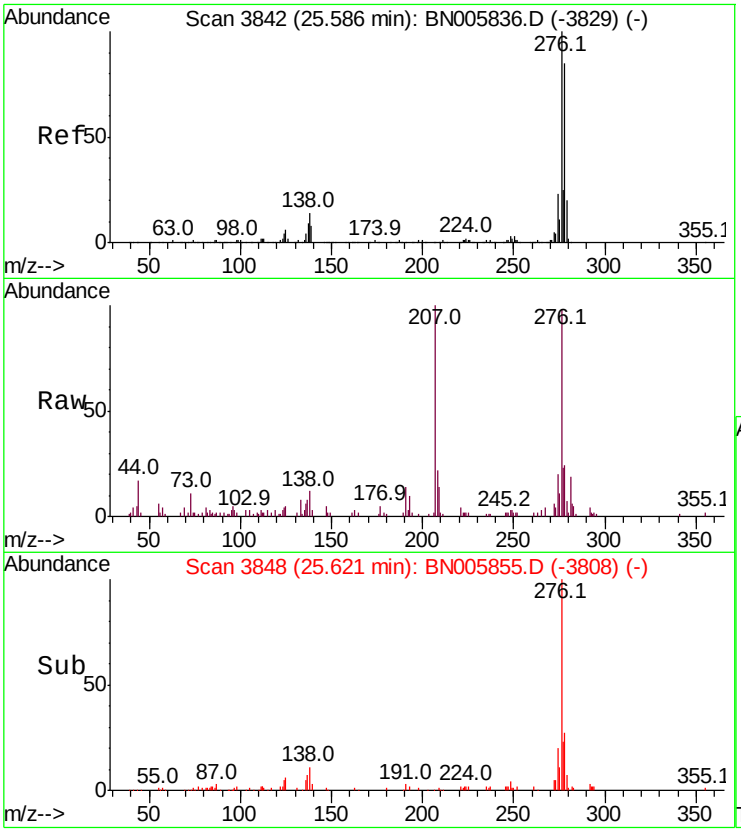


#90
Benzo(a)pyrene
Concen: 2.227 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. 0.02 min
Lab File: BN005855.D
Acq: 22 May 2019 17:42

Tgt Ion:252 Resp: 112549

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.3	25.9
125	5.5	8.6	13.0#



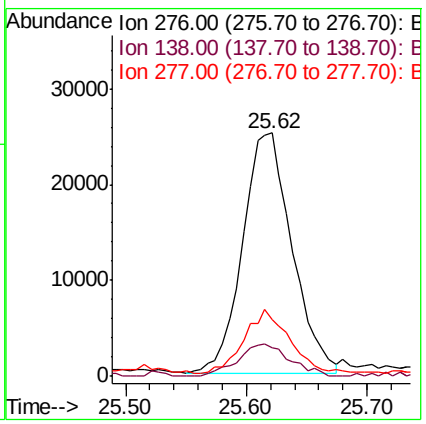


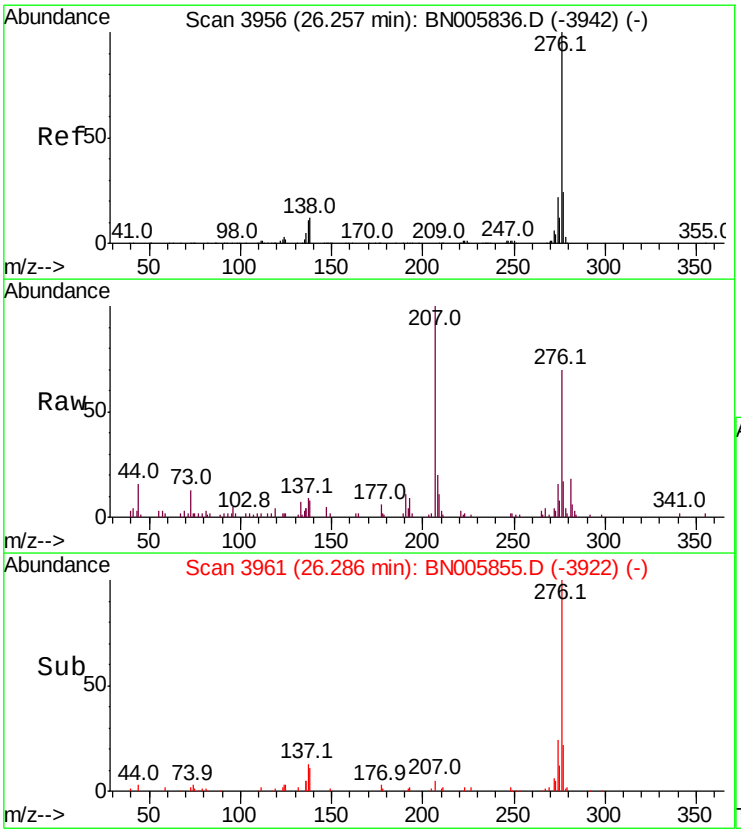
#91
Indeno(1,2,3-cd)pyrene
Concen: 1.151 ng/ul
RT: 25.62 min Scan# 3848
Delta R.T. 0.04 min
Lab File: BN005855.D
Acq: 22 May 2019 17:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 71081

Ion	Ratio	Lower	Upper
276	100		
138	11.8	17.9	26.9#
277	23.2	19.7	29.5





#93
Benzo(g,h,i)perylene
Concen: 1.154 ng/ul
RT: 26.29 min Scan# 3961
Delta R.T. 0.03 min
Lab File: BN005855.D
Acq: 22 May 2019 17:42

Tgt Ion:276 Resp: 59613

Ion	Ratio	Lower	Upper
276	100		
138	11.2	16.7	25.1#
277	23.8	18.2	27.2