Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062619\
Data File : BN006587.D
Acq On : 26 Jun 2019 20:29
Operator : HP/JU
Sample : K3498-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AB5

Quant Time: Jun 27 02:06:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 26 18:22:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	226958	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1096401	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	647867	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1386496	20.00	ng/ul	0.00
77) Chrysene-d12	21.55	240	2268	20.00	ng/ul	0.10
85) Perylene-d12	23.96	264	2815	20.00	ng/ul	0.09
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	19855	3.42	ng/uL	0.00
5) Phenol-d5	6.80	99	439369	18.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	285453	19.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	334353	18.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	314501	16.41	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	174190	19.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	199418	20.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	350574	19.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	428720	20.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1171665	20.63	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	1368951	19.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	127035	13.09	ng/ul	0.00
57) Fluorene-d10	15.27	176	1003271	20.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	118945	13.56	ng/ul	0.00
70) Anthracene-d10	17.13	188	1458587	20.90	ng/ul	-0.01
78) Pyrene-d10	19.44	212	1451463	10956.23	ng/ul	-0.03
89) Benzo(a)pyrene-d12	23.80	264	1274	8.01	ng/ul	0.08
Target Compounds						Qvalue
44) Dimethylphthalate	13.73	163	250005	4.776	ng/ul	100
69) Phenanthrene	17.07	178	374723	4.900	ng/ul	99
76) Fluoranthene	19.10	202	1095664	13.294	ng/ul	98
79) Pyrene	19.47	202	886106	5738.411	ng/ul	98
80) Butylbenzylphthalate	20.57	149	115	1.661	ng/ul#	69
81) 3,3'-Dichlorobenzidine	21.47	252	116	2.419	ng/ul#	1
83) Bis(2-ethylhexyl)phthalate	21.47	149	140	1.410	ng/ul#	75
84) Chrysene	21.60	228	157	1.064	ng/ul#	1
86) Di-n-octyl phthalate	22.48	149	340	1.880	ng/ul	100
87) Benzo(b)fluoranthene	23.39	252	351897	2082.907	ng/ul	98
88) Benzo(k)fluoranthene	23.39	252	352728	2184.544	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.39	276	187225	976.567	ng/ul	95
93) Benzo(g,h,i)perylene	26.94	276	179	1.109	ng/ul#	1

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

Quantitation Report (Not Reviewed)

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Instrument :
BNA_N
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C5AB5

Quant Time: Jun 27 02:06:16 2019
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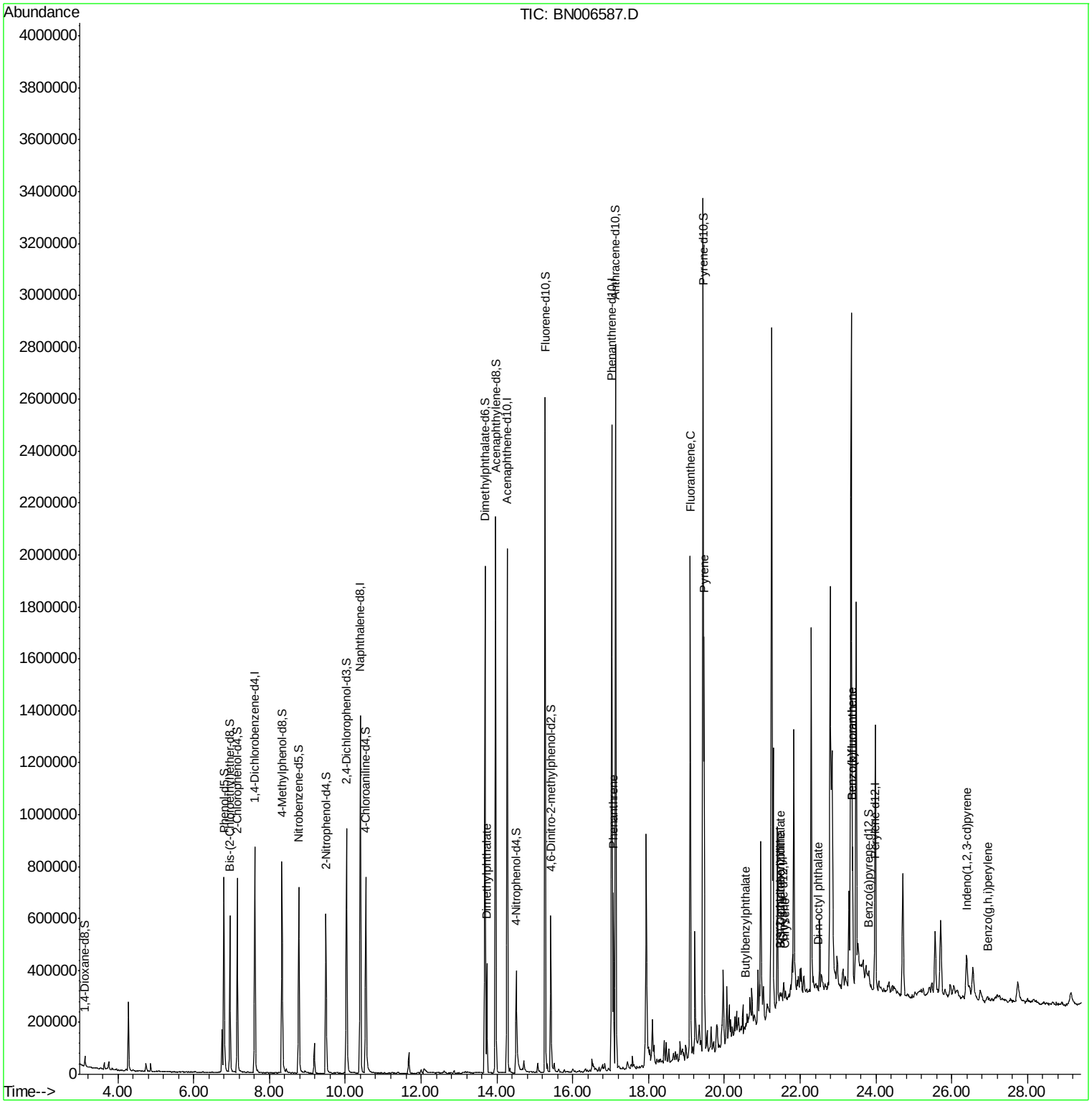
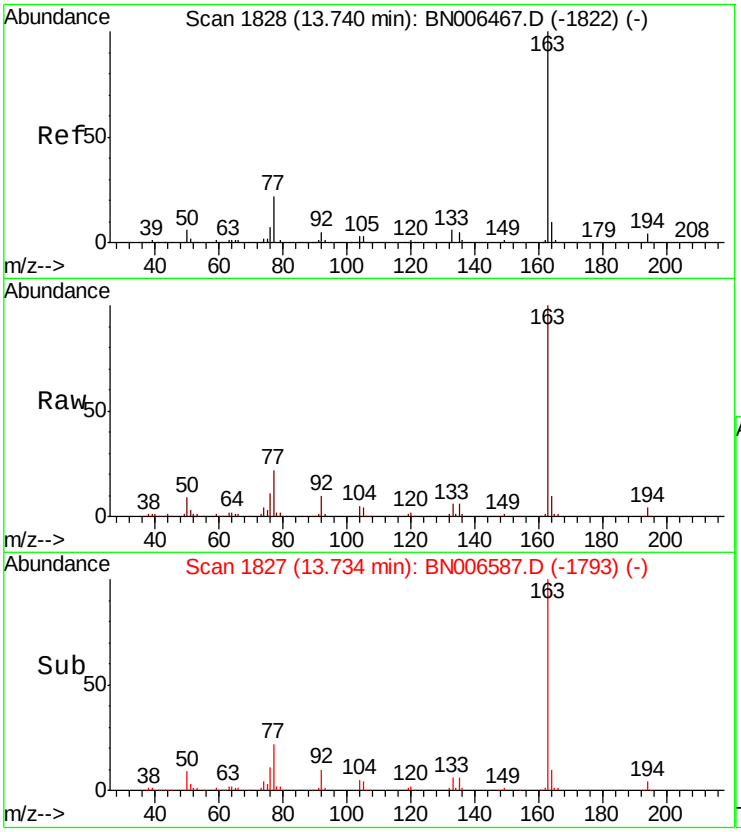
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 26 18:22:21 2019
Response via : Initial Calibration



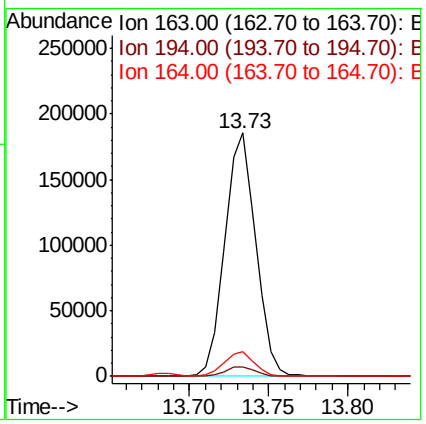


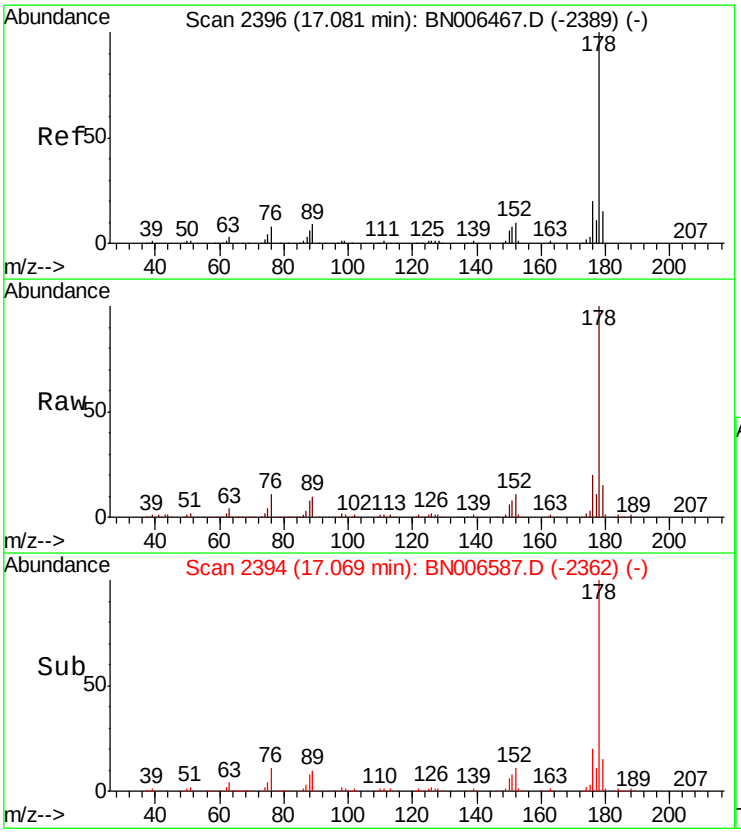
#44
Dimethylphthalate
Concen: 4.776 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Instrument :
BNA_N
ClientSampleId :
C5AB5

Tgt Ion:163 Resp: 250005

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	9.9	8.0	12.0

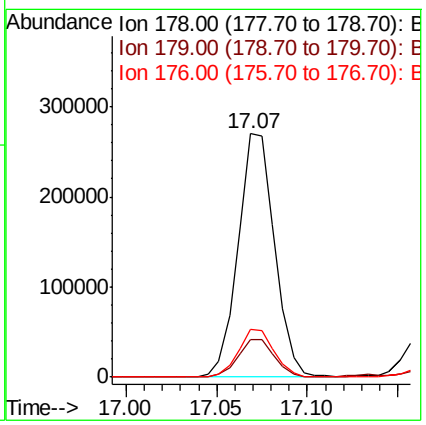


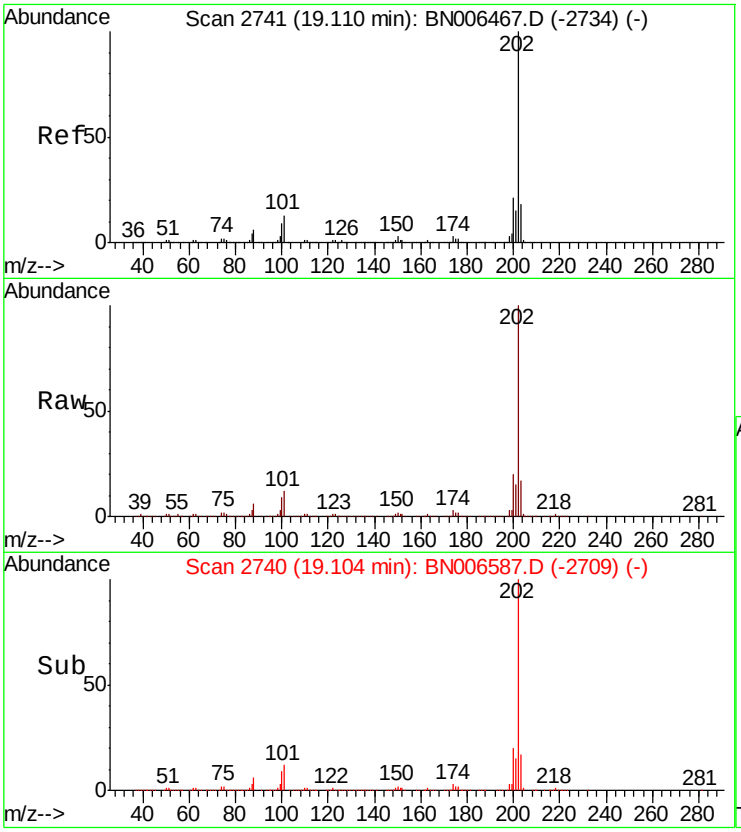


#69
Phenanthrene
Concen: 4.900 ng/ul
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Tgt Ion:178 Resp: 374723

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	19.7	15.3	22.9



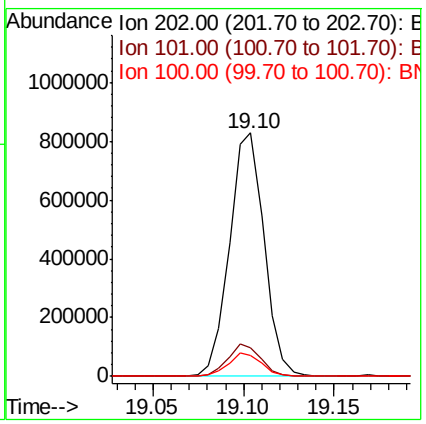


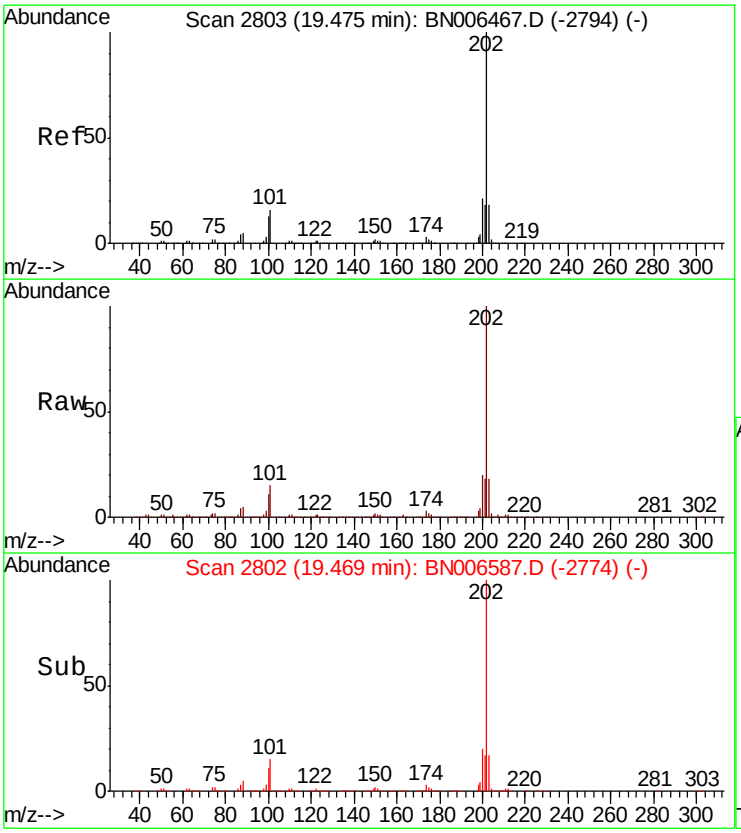
#76
Fluoranthene
Concen: 13.294 ng/ul
RT: 19.10 min Scan# 2740
Delta R.T. -0.02 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Instrument :
BNA_N
ClientSampleId :
C5AB5

Tgt Ion:202 Resp: 1095664

Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.5	15.7
100	8.8	7.6	11.4

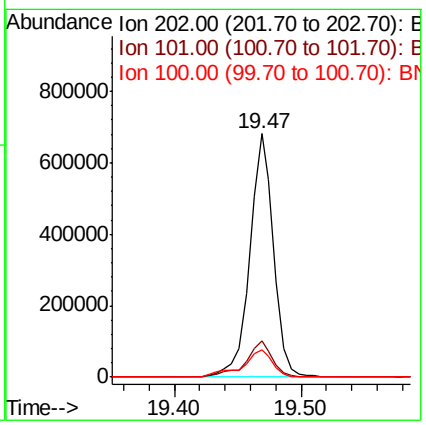


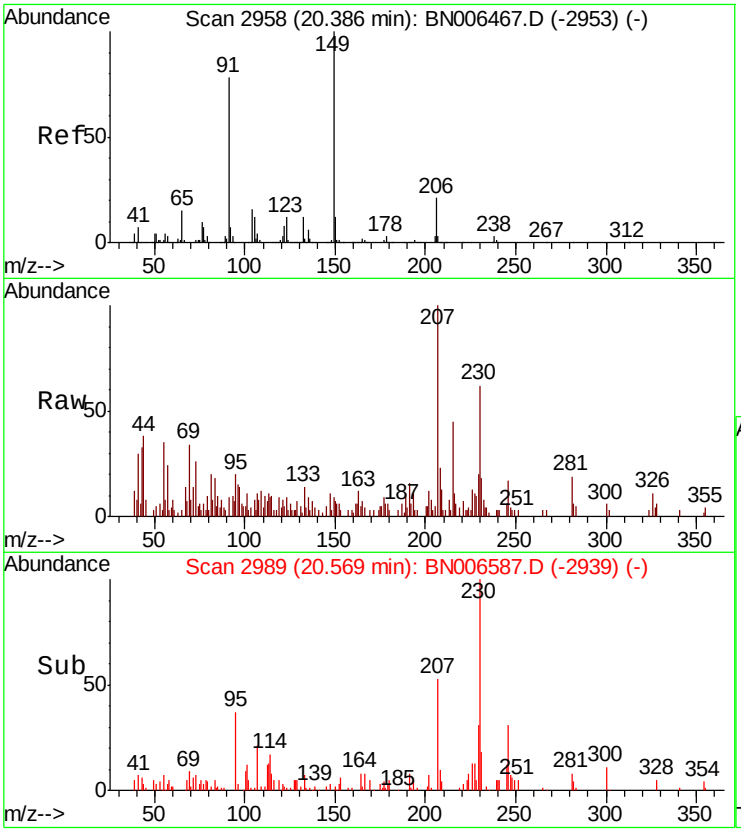


#79
Pyrene
Concen: 5738.411 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. -0.04 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Tgt Ion:202 Resp: 886106

Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.2	18.4
100	11.3	9.8	14.6



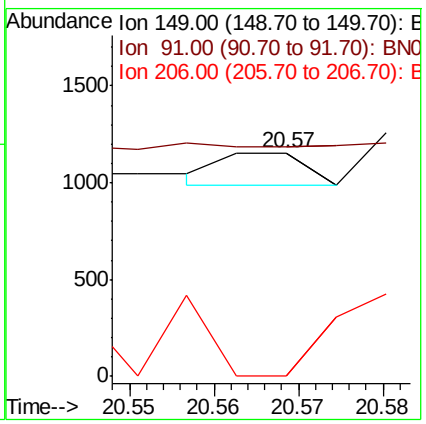


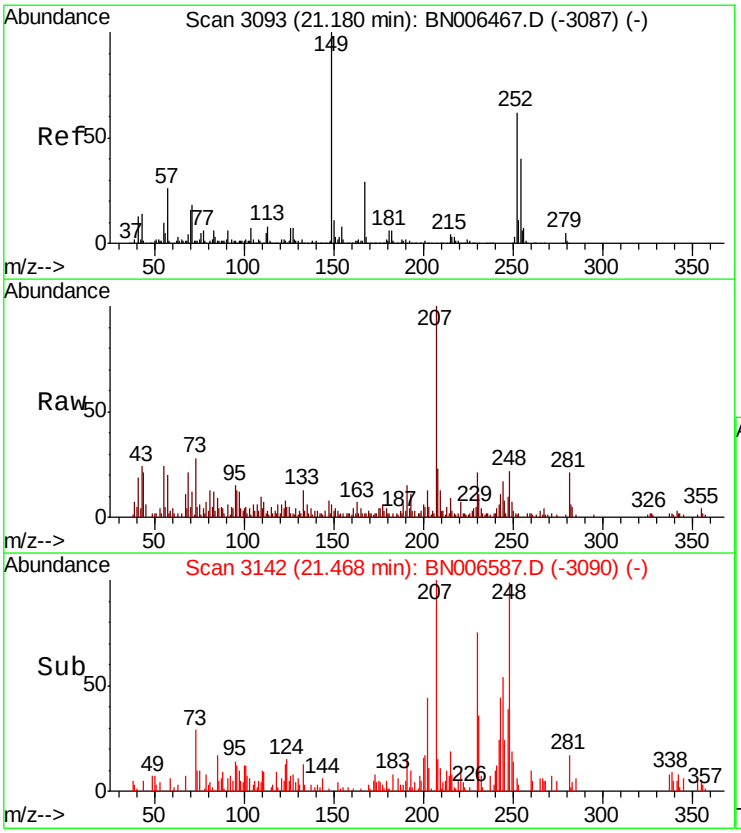
#80
Butylbenzylphthalate
Concen: 1.661 ng/ul
RT: 20.57 min Scan# 2989
Delta R.T. 0.09 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Instrument :
BNA_N
ClientSampleId :
C5AB5

Tgt Ion:149 Resp: 115

Ion	Ratio	Lower	Upper
149	100		
91	102.9	62.7	94.1#
206	0.0	16.3	24.5#

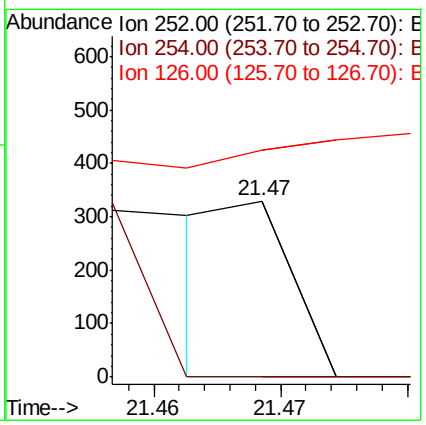


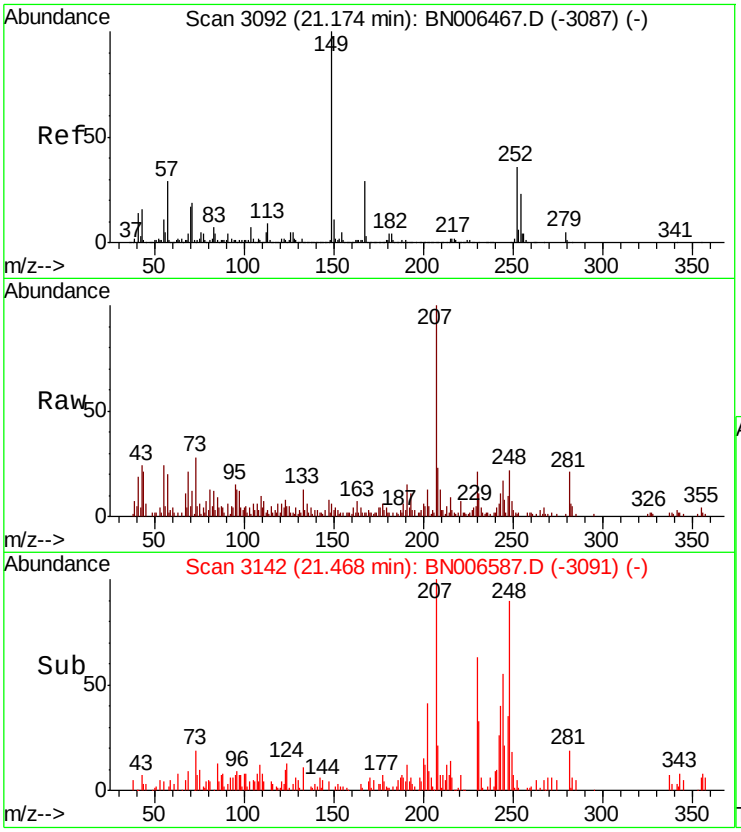


#81
3,3'-Dichlorobenzidine
Concen: 2.419 ng/ul
RT: 21.47 min Scan# 3142
Delta R.T. 0.11 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Tgt Ion:252 Resp: 116

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.8	77.8#
126	129.2	9.8	14.8#



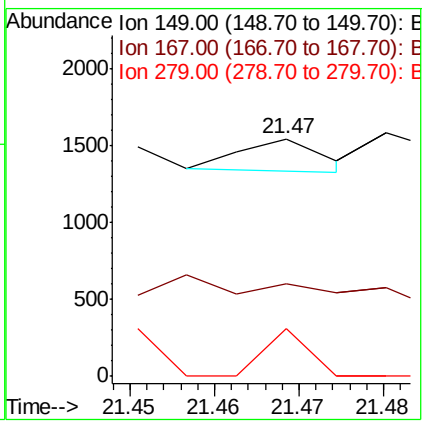


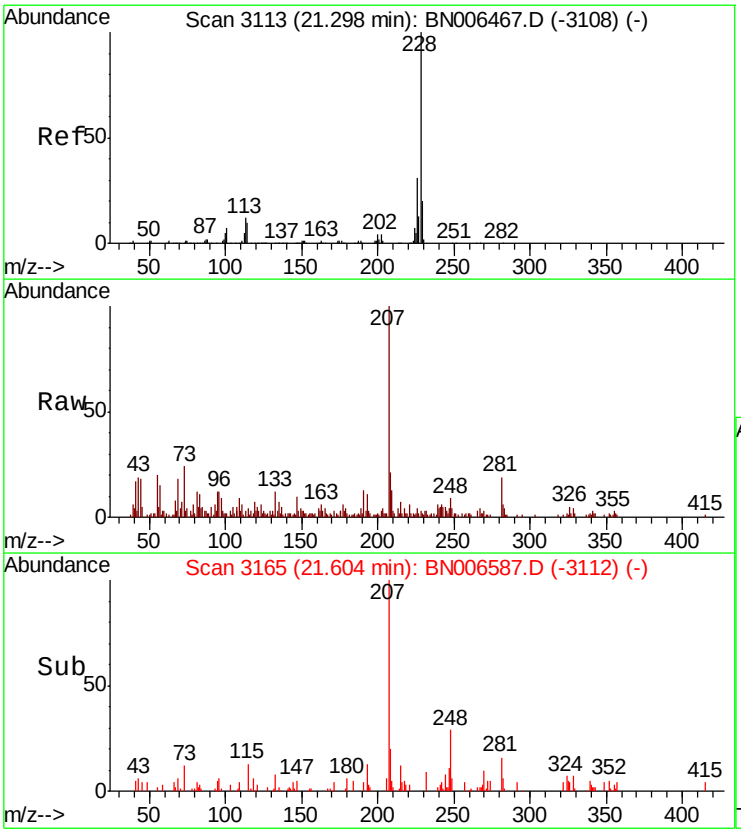
#83
Bis(2-ethylhexyl)phthalate
Concen: 1.410 ng/ul
RT: 21.47 min Scan# 3142
Delta R.T. 0.10 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Instrument :
BNA_N
ClientSampleId :
C5AB5

Tgt Ion:149 Resp: 140

Ion	Ratio	Lower	Upper
149	100		
167	39.2	22.2	33.4#
279	20.3	3.3	4.9#

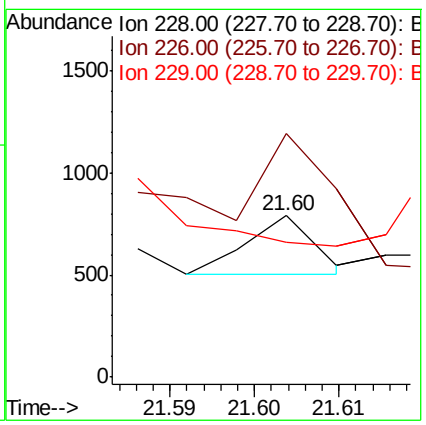


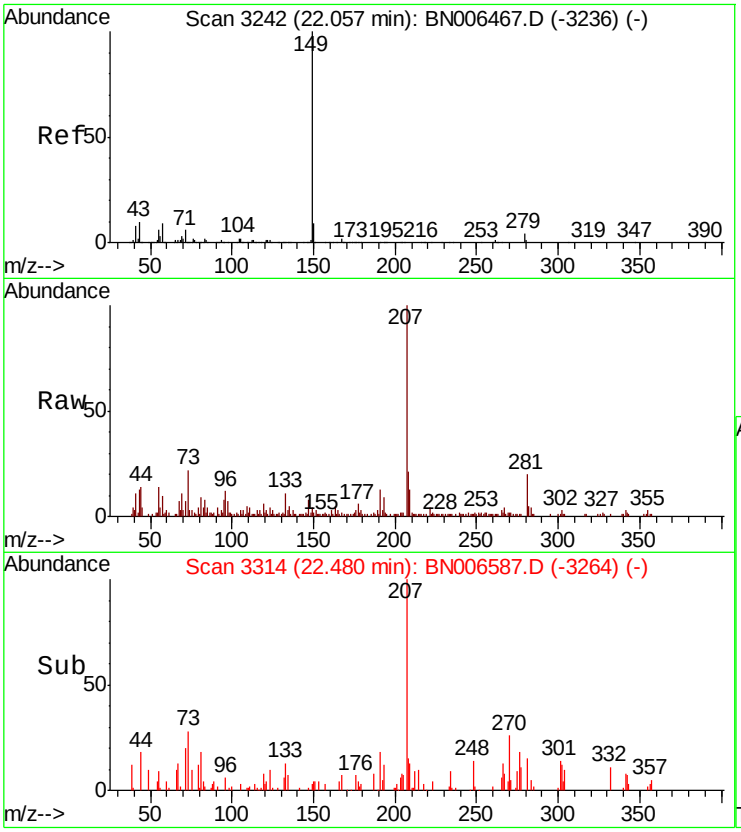


#84
Chrysene
Concen: 1.064 ng/ul
RT: 21.60 min Scan# 3165
Delta R.T. 0.11 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Tgt Ion:228 Resp: 157

Ion	Ratio	Lower	Upper
228	100		
226	150.7	24.2	36.2#
229	83.1	15.9	23.9#

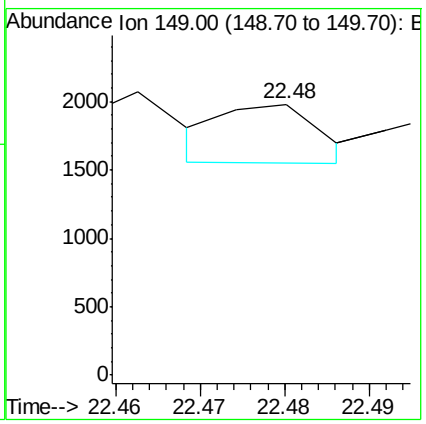


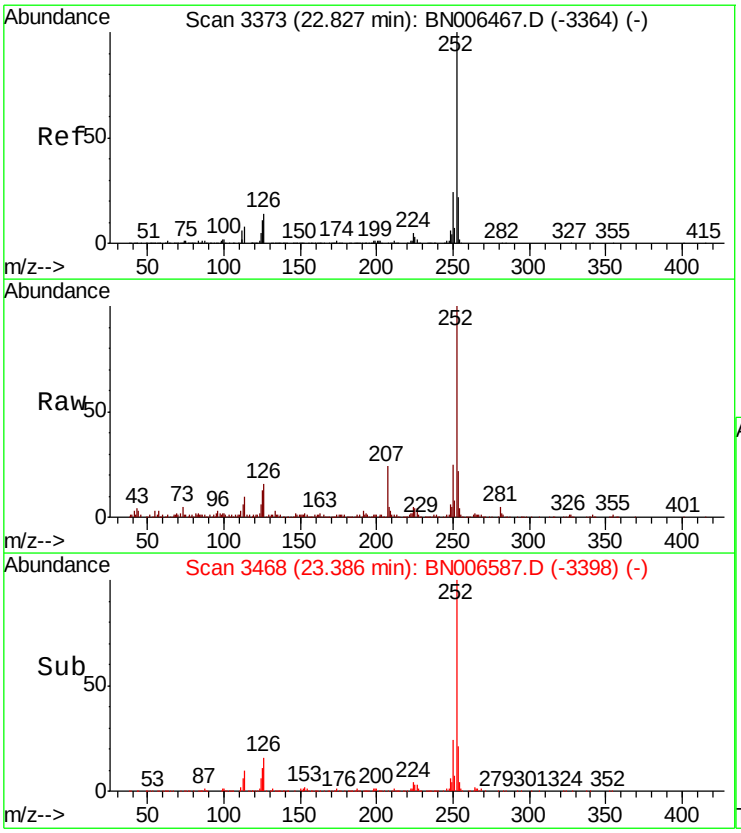


#86
Di-n-octyl phthalate
Concen: 1.880 ng/ul
RT: 22.48 min Scan# 3314
Delta R.T. 0.09 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Instrument :
BNA_N
ClientSampleId :
C5AB5

Tgt Ion:149 Resp: 340

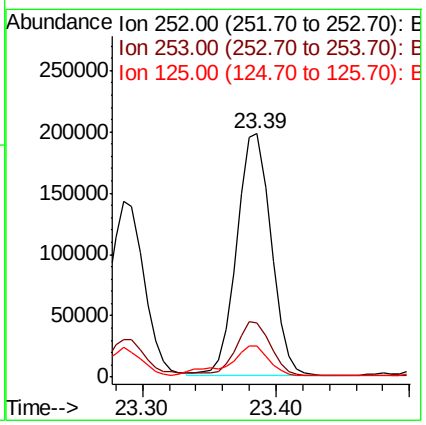


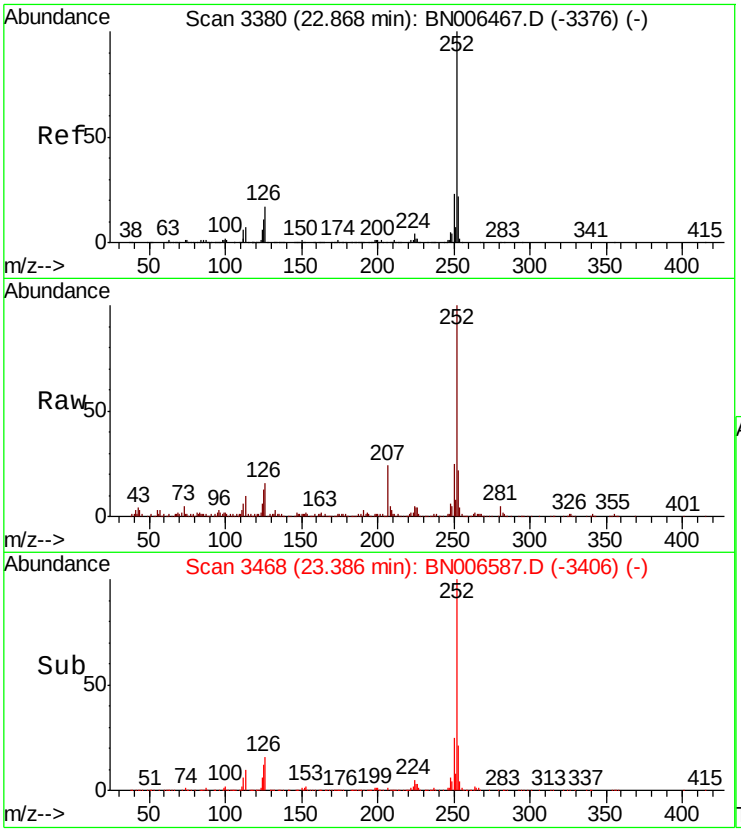


#87
Benzo(b)fluoranthene
Concen: 2082.907 ng/ul
RT: 23.39 min Scan# 3468
Delta R.T. 0.21 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Tgt Ion:252 Resp: 351897

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	12.7	9.0	13.6



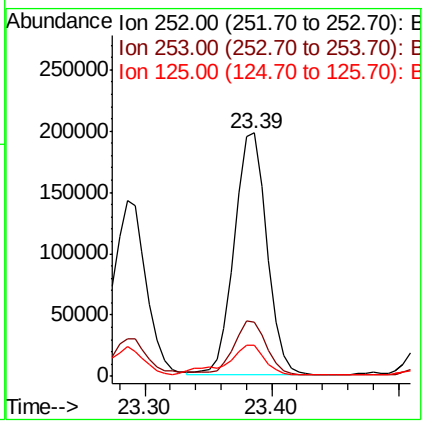


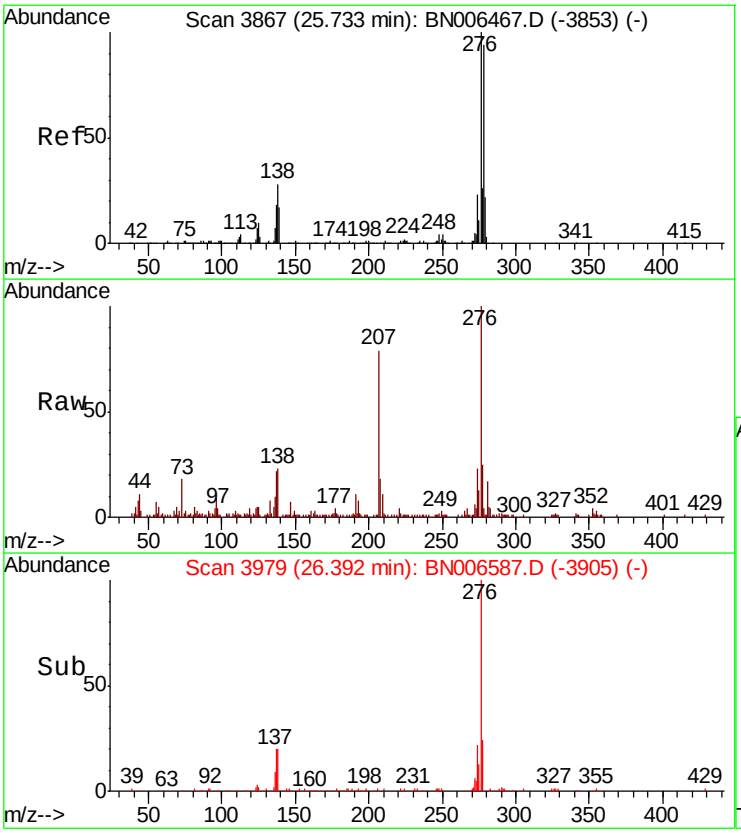
#88
Benzo(k)fluoranthene
Concen: 2184.544 ng/ul
RT: 23.39 min Scan# 3468
Delta R.T. 0.16 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Instrument :
BNA_N
ClientSampleId :
C5AB5

Tgt Ion:252 Resp: 352728

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	12.7	9.1	13.7

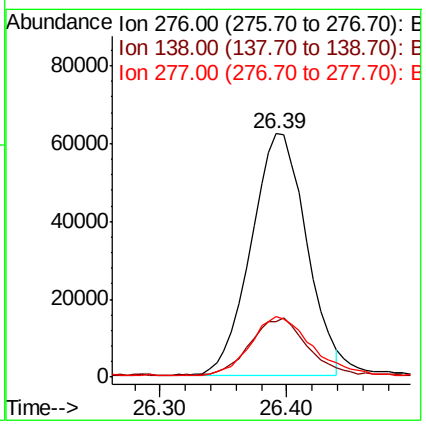


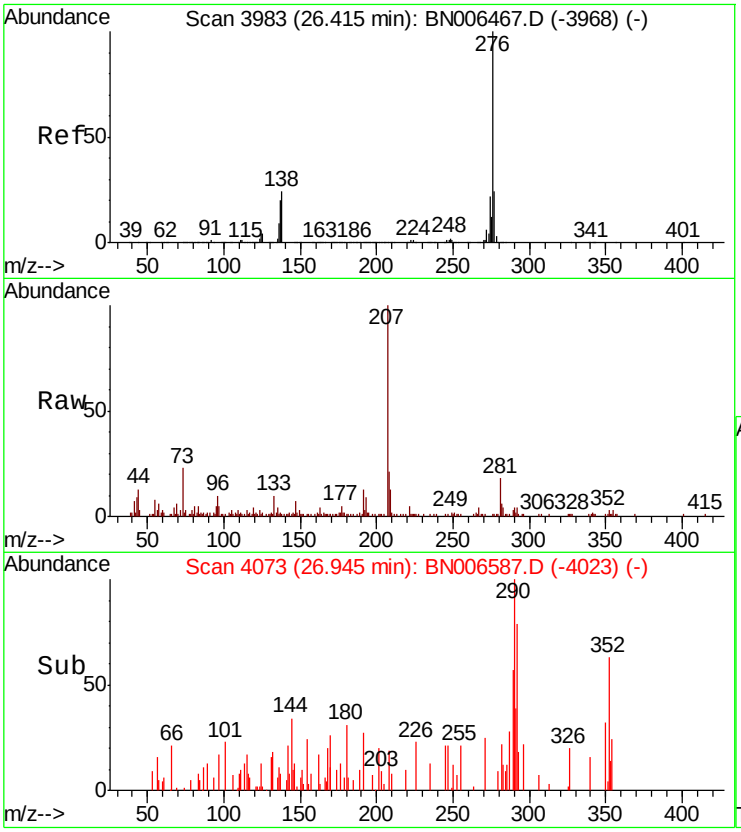


#91
Indeno(1,2,3-cd)pyrene
Concen: 976.567 ng/ul
RT: 26.39 min Scan# 3979
Delta R.T. 0.24 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Tgt Ion:276 Resp: 187225

Ion	Ratio	Lower	Upper
276	100		
138	22.6	22.2	33.4
277	25.1	20.2	30.4





#93
Benzo(g,h,i)perylene
Concen: 1.109 ng/ul
RT: 26.94 min Scan# 4073
Delta R.T. 0.09 min
Lab File: BN006587.D
Acq: 26 Jun 2019 20:29

Instrument :
BNA_N
ClientSampleId :
C5AB5

Tgt Ion:276 Resp: 179

Ion	Ratio	Lower	Upper
276	100		
138	90.7	19.1	28.7#
277	56.6	19.4	29.0#