Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062619\
Data File : BN006588.D
Acq On : 26 Jun 2019 21:04
Operator : HP/JU
Sample : K3498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AB1

Quant Time: Jun 27 02:06:26 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	229049	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1113386	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	671163	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1453273	20.00	ng/ul	-0.01
77) Chrysene-d12	21.50	240	1836	20.00	ng/ul	0.05
85) Perylene-d12	23.91	264	326	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	22381	3.82	ng/uL	0.00
5) Phenol-d5	6.80	99	475077	19.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	302949	20.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	362089	20.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	340171	17.58	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	191696	21.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	220823	22.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	381408	20.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	519029	24.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1315347	22.36	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	1550084	21.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	123561	12.29	ng/ul	0.00
57) Fluorene-d10	15.27	176	1129201	22.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	124985	13.59	ng/ul	0.00
70) Anthracene-d10	17.13	188	1677640	22.93	ng/ul	-0.01
78) Pyrene-d10	19.44	212	1672068	15591.20	ng/ul	-0.03
89) Benzo(a)pyrene-d12	23.77	264	409	22.21	ng/ul	0.05
Target Compounds						Qvalue
44) Dimethylphthalate	13.73	163	324592	5.986	ng/ul	99
69) Phenanthrene	17.07	178	1158792	14.457	ng/ul	99
71) Anthracene	17.16	178	97576	1.199	ng/ul	99
76) Fluoranthene	19.10	202	2281033	26.405	ng/ul	100
79) Pyrene	19.47	202	1778822	14230.130	ng/ul	100
80) Butylbenzylphthalate	20.37	149	2130	38.002	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.42	252	2613	67.313	ng/ul#	1
82) Benzo(a)anthracene	21.50	228	2003	15.961	ng/ul#	1
83) Bis(2-ethylhexyl)phthalate	21.42	149	249	3.098	ng/ul#	93
84) Chrysene	21.54	228	275	2.303	ng/ul#	1
86) Di-n-octyl phthalate	22.43	149	1357	64.782	ng/ul	100
87) Benzo(b)fluoranthene	23.39	252	473213	24186.428	ng/ul	99
88) Benzo(k)fluoranthene	23.39	252	523445	27993.212	ng/ul	99
90) Benzo(a)pyrene	23.82	252	188	10.021	ng/ul#	1
91) Indeno(1,2,3-cd)pyrene	26.19	276	121	5.450	ng/ul#	9
92) Dibenzo(a,h)anthracene	26.05	278	45340	2465.995	ng/ul	97
93) Benzo(g,h,i)perylene	26.91	276	196	10.481	ng/ul#	17

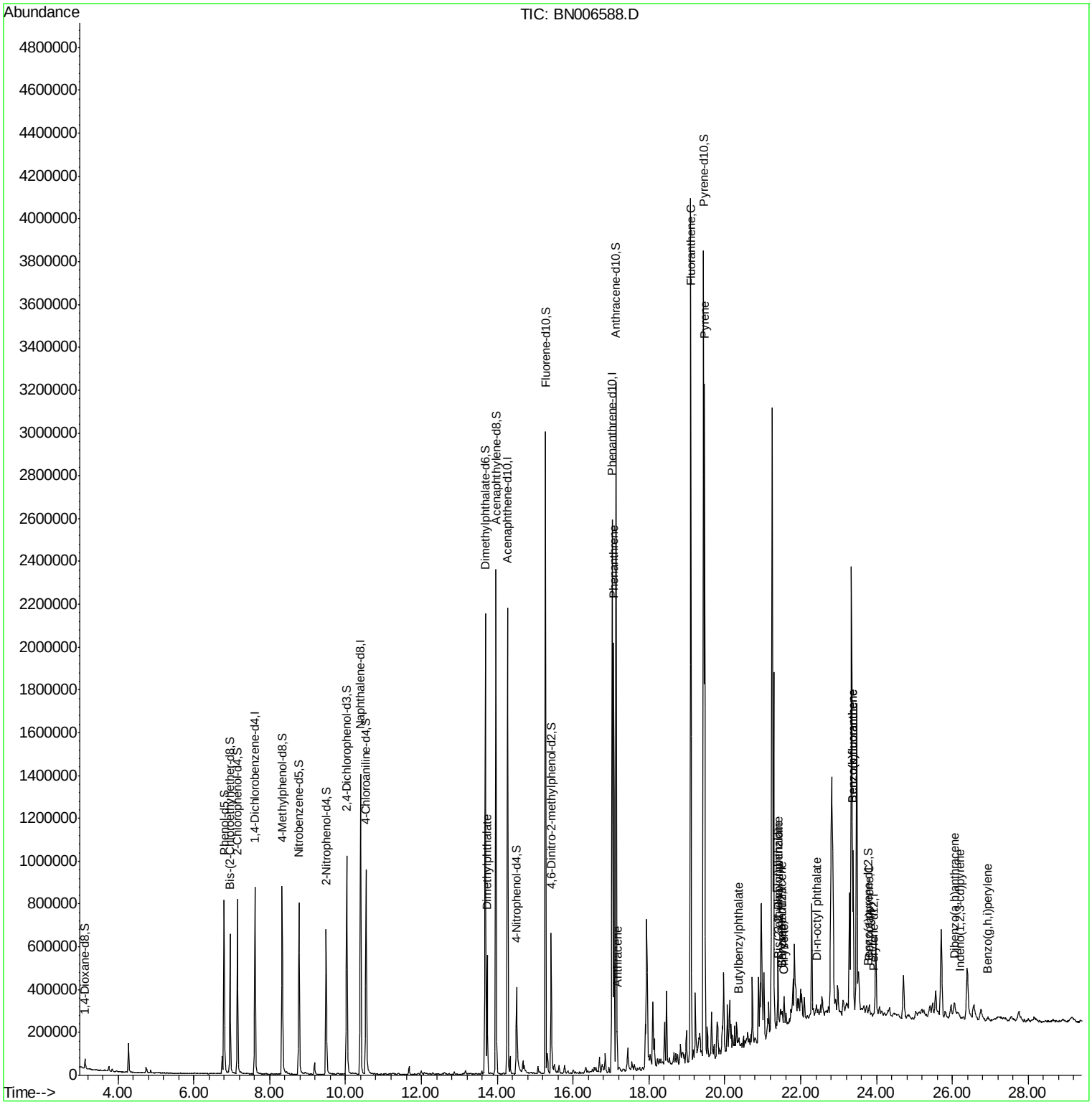
(#) = qualifier out of range (m) = manual integration (+) = signals summed

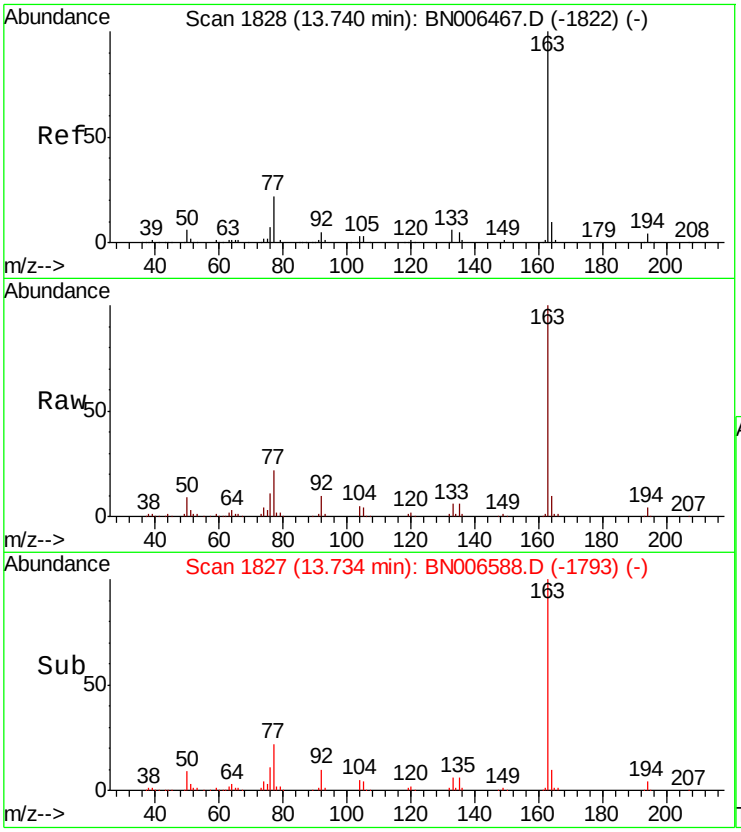
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062619\
Data File : BN006588.D
Acq On : 26 Jun 2019 21:04
Operator : HP/JU
Sample : K3498-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5AB1

Quant Time: Jun 27 02:06:26 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



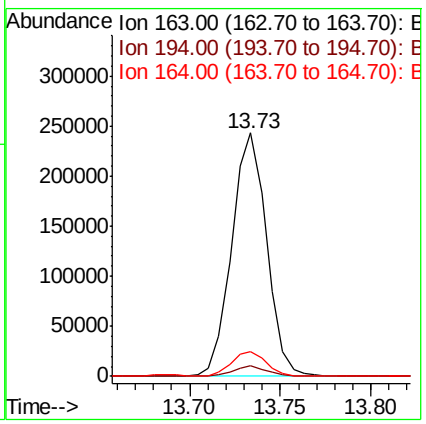


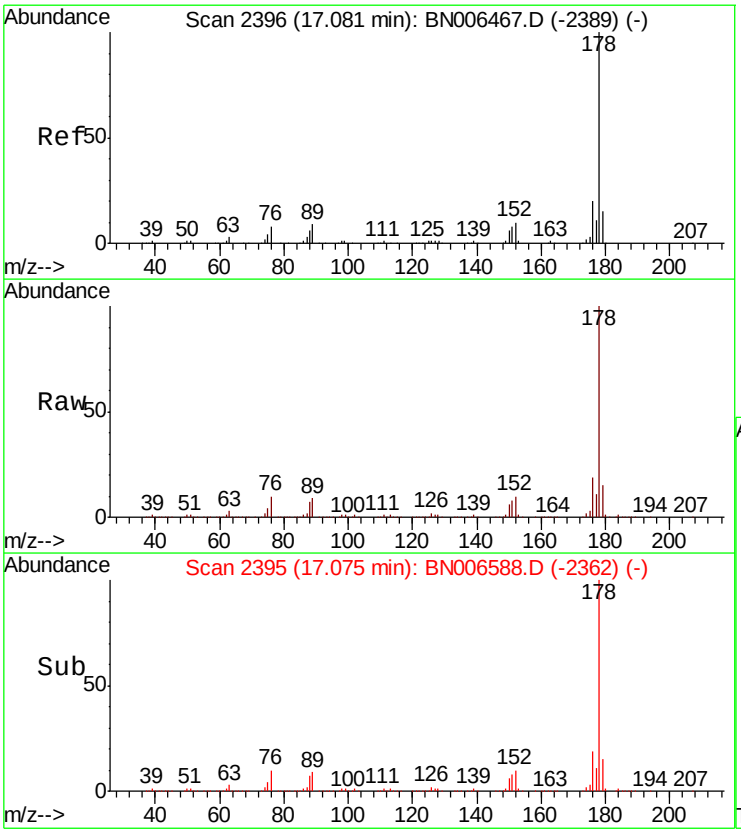
#44
Dimethylphthalate
Concen: 5.986 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Instrument :
BNA_N
ClientSampleId :
C5AB1

Tgt Ion:163 Resp: 324592

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.3	8.0	12.0

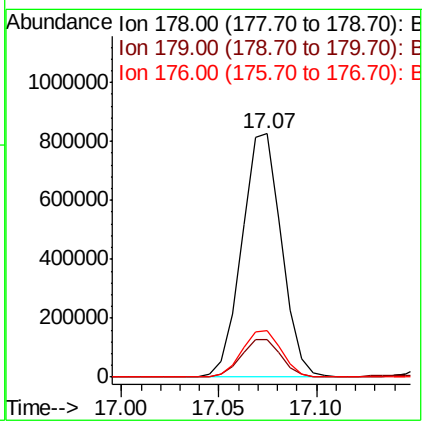


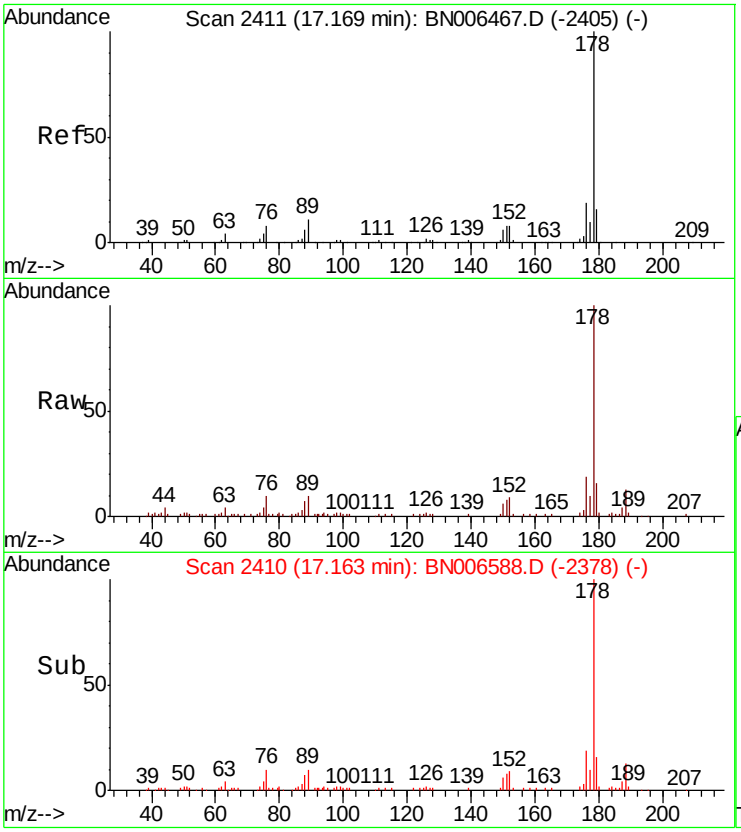


#69
Phenanthrene
Concen: 14.457 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Tgt Ion:178 Resp: 1158792

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.5	18.7
176	18.9	15.3	22.9



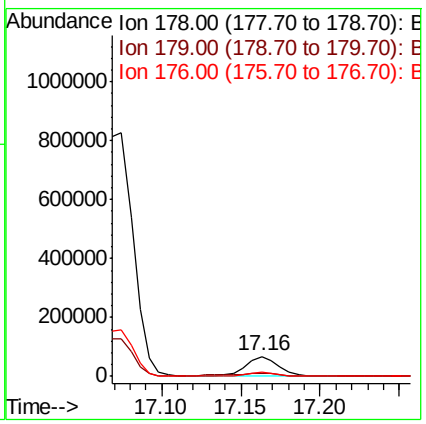


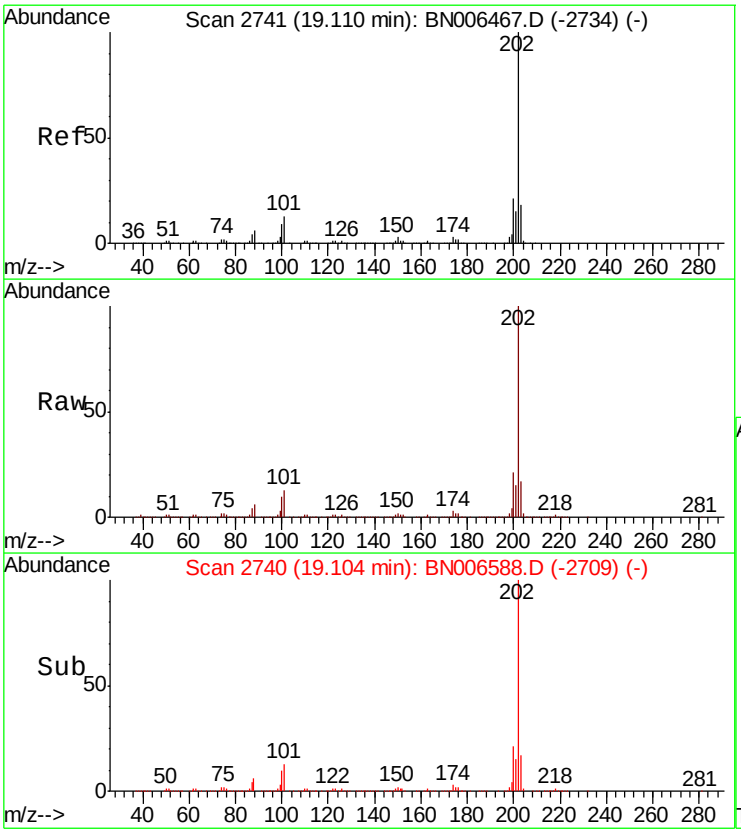
#71
Anthracene
Concen: 1.199 ng/ul
RT: 17.16 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Instrument :
BNA_N
ClientSampleId :
C5AB1

Tgt Ion:178 Resp: 97576

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.6	14.7	22.1

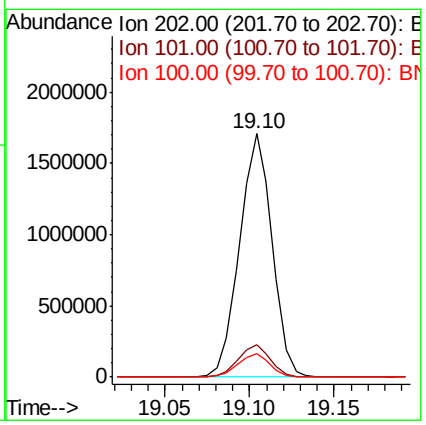


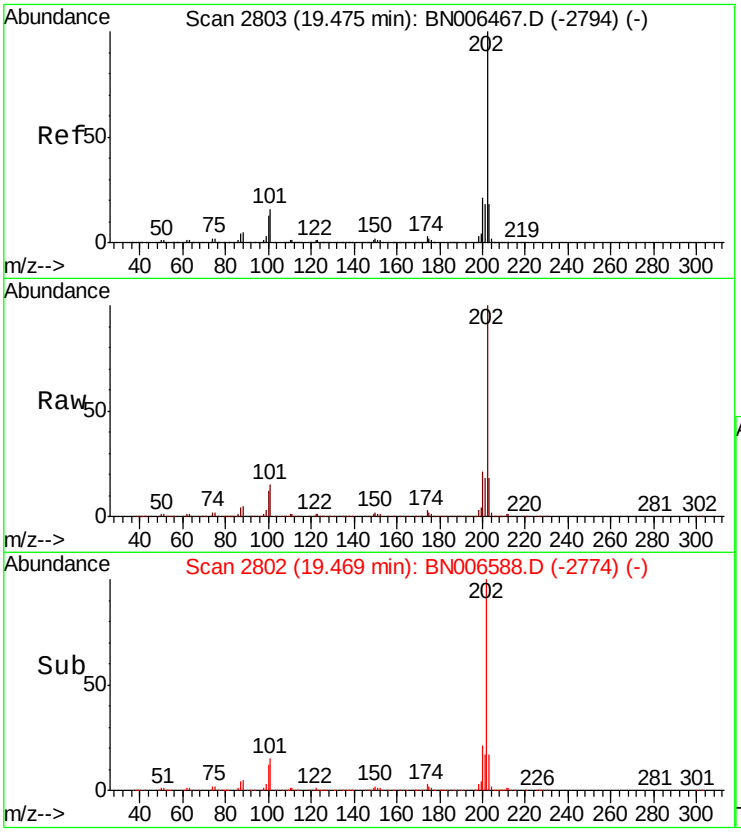


#76
Fluoranthene
Concen: 26.405 ng/ul
RT: 19.10 min Scan# 2740
Delta R.T. -0.02 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Tgt Ion:202 Resp: 2281033

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.5	15.7
100	9.7	7.6	11.4



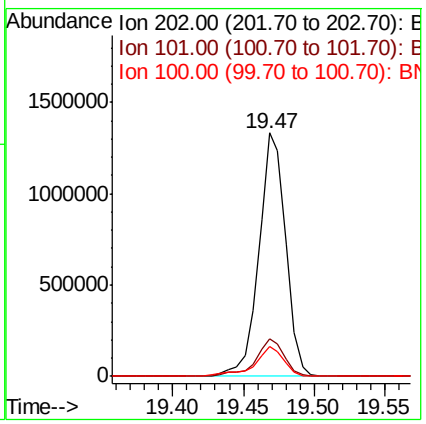


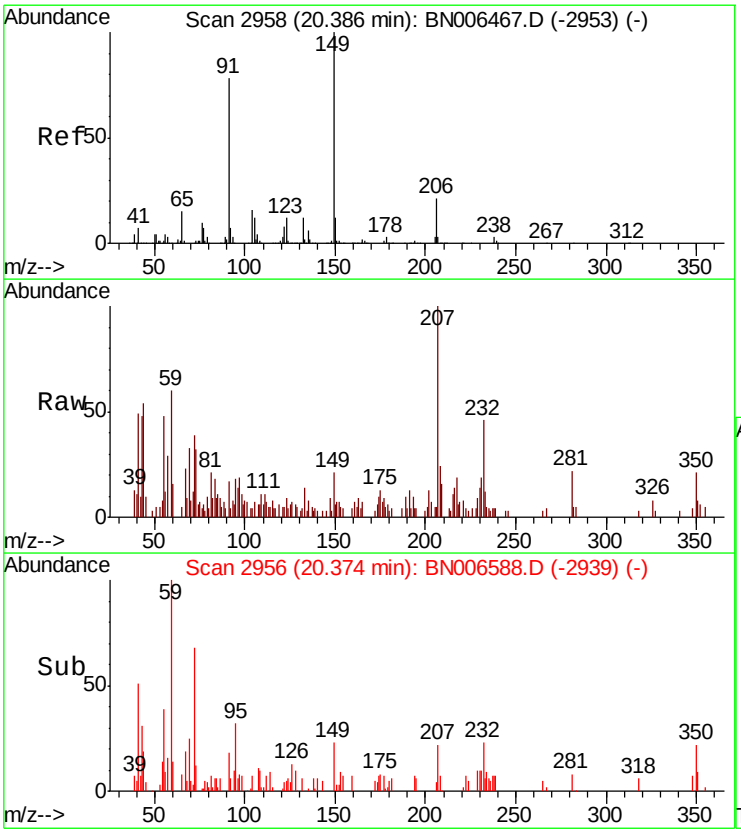
#79
Pyrene
Concen: 14230.130 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. -0.04 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Instrument :
BNA_N
ClientSampleId :
C5AB1

Tgt Ion:202 Resp: 1778822

Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.2	18.4
100	12.3	9.8	14.6

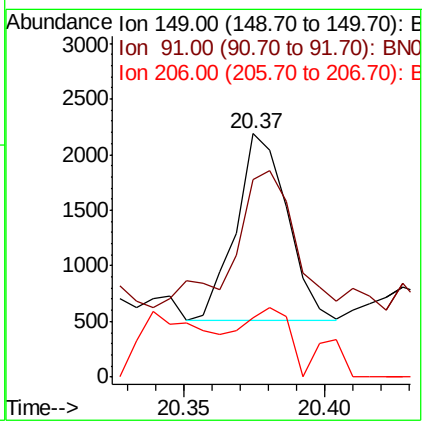


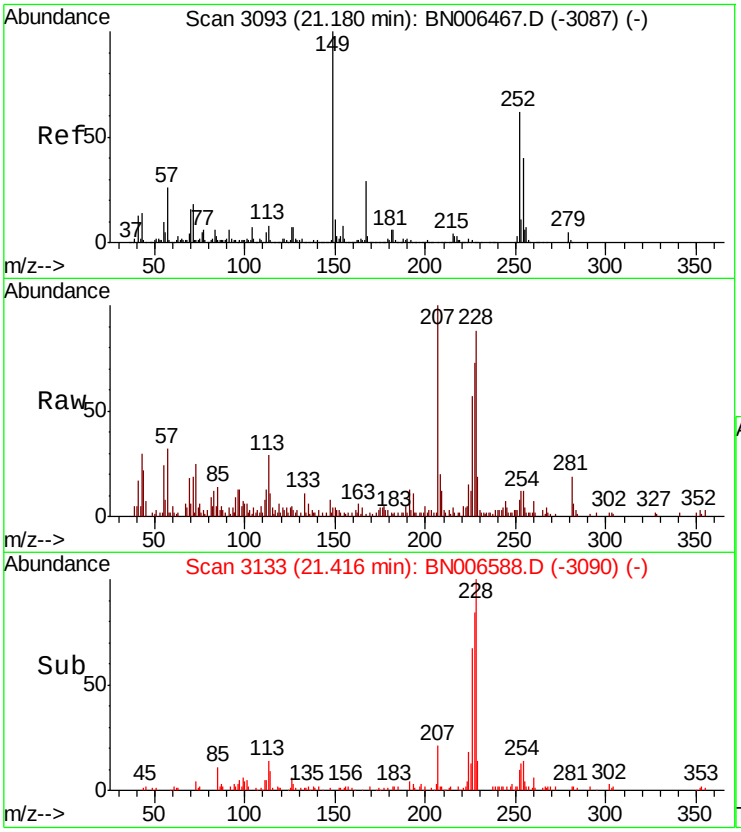


#80
Butylbenzylphthalate
Concen: 38.002 ng/ul
RT: 20.37 min Scan# 2956
Delta R.T. -0.10 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Tgt Ion:149 Resp: 2130

Ion	Ratio	Lower	Upper
149	100		
91	81.4	62.7	94.1
206	24.4	16.3	24.5



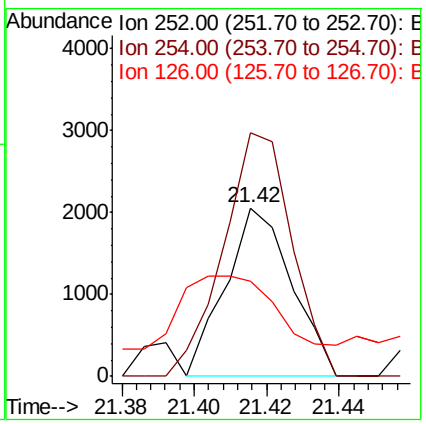


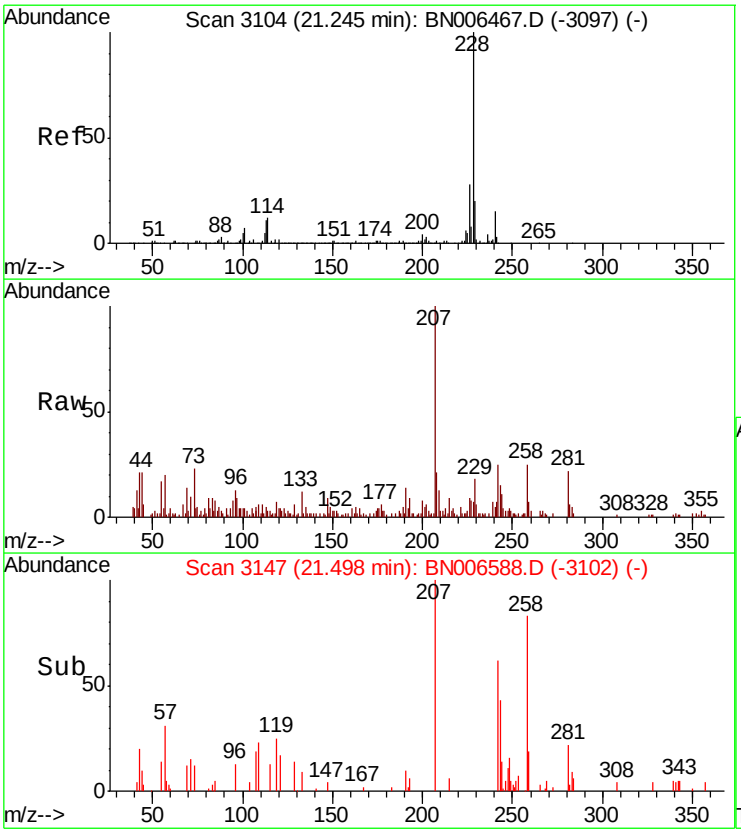
#81
3,3'-Dichlorobenzidine
Concen: 67.313 ng/ul
RT: 21.42 min Scan# 3133
Delta R.T. 0.05 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Instrument :
BNA_N
ClientSampleId :
C5AB1

Tgt Ion:252 Resp: 2613

Ion	Ratio	Lower	Upper
252	100		
254	144.3	51.8	77.8#
126	56.2	9.8	14.8#

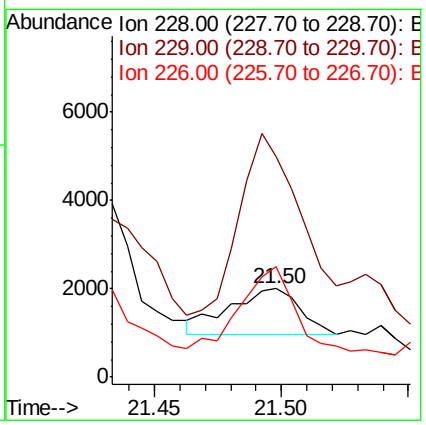


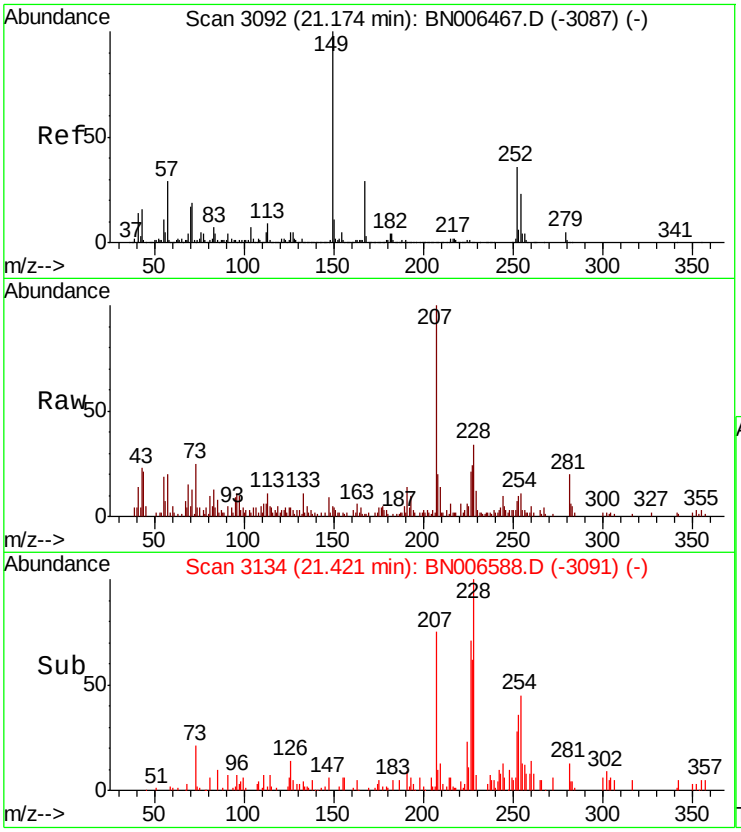


#82
Benzo(a)anthracene
Concen: 15.961 ng/ul
RT: 21.50 min Scan# 3147
Delta R.T. 0.06 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Tgt Ion:228 Resp: 2003

Ion	Ratio	Lower	Upper
228	100		
229	250.0	15.6	23.4#
226	125.3	21.5	32.3#



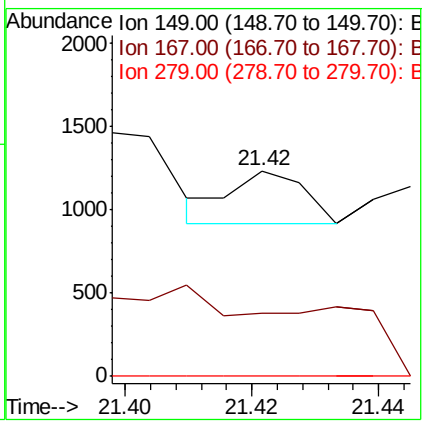


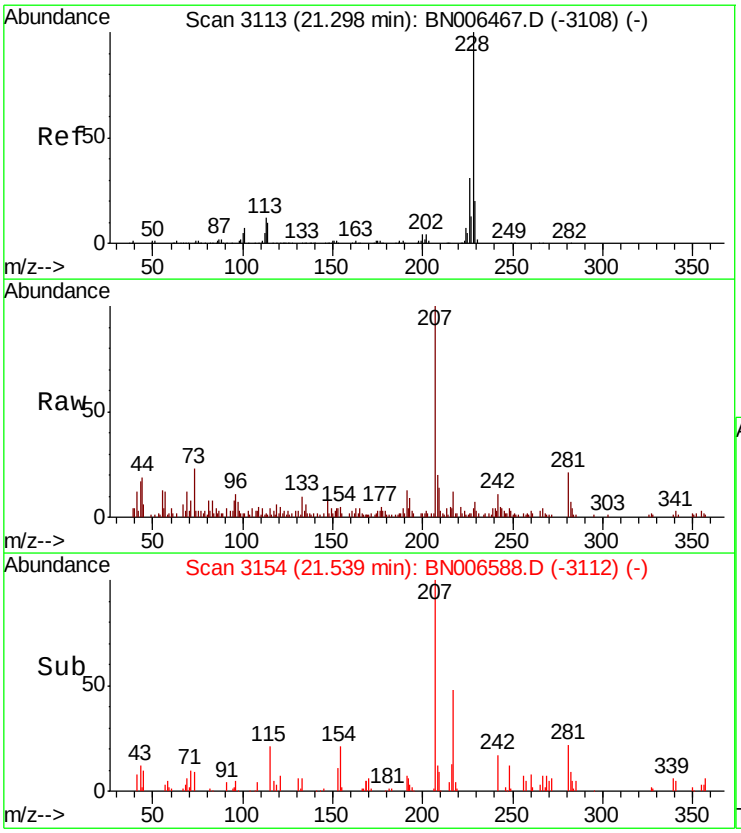
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.098 ng/ul
RT: 21.42 min Scan# 3134
Delta R.T. 0.05 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Instrument :
BNA_N
ClientSampleId :
C5AB1

Tgt Ion:149 Resp: 249

Ion	Ratio	Lower	Upper
149	100		
167	30.8	22.2	33.4
279	0.0	3.3	4.9#

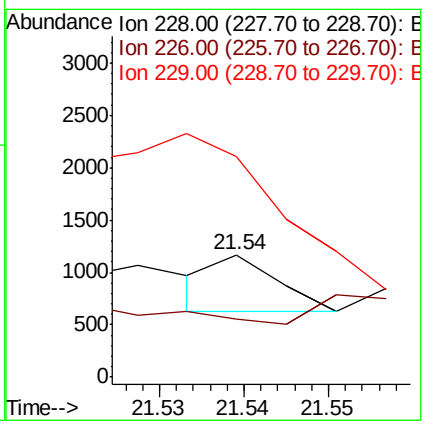


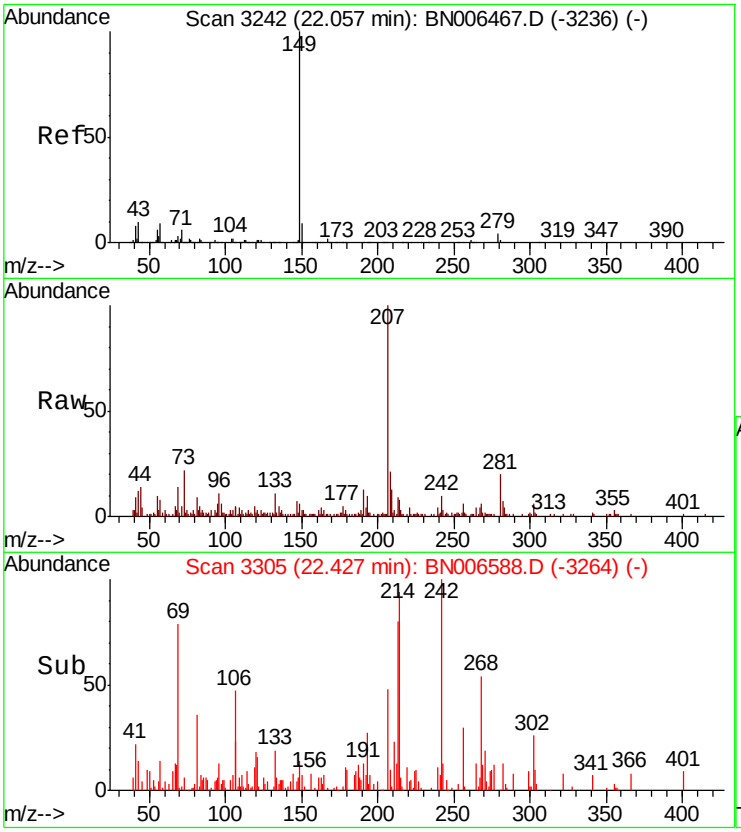


#84
Chrysene
Concen: 2.303 ng/ul
RT: 21.54 min Scan# 3154
Delta R.T. 0.05 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Tgt Ion:228 Resp: 275

Ion	Ratio	Lower	Upper
228	100		
226	47.6	24.2	36.2#
229	179.8	15.9	23.9#

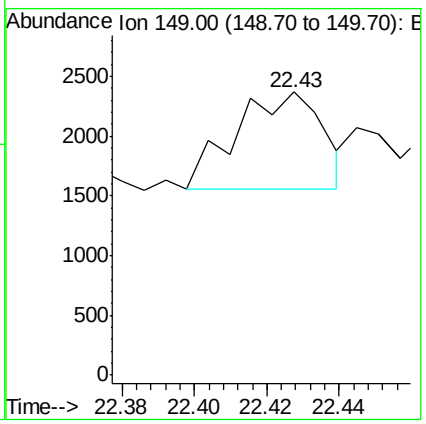


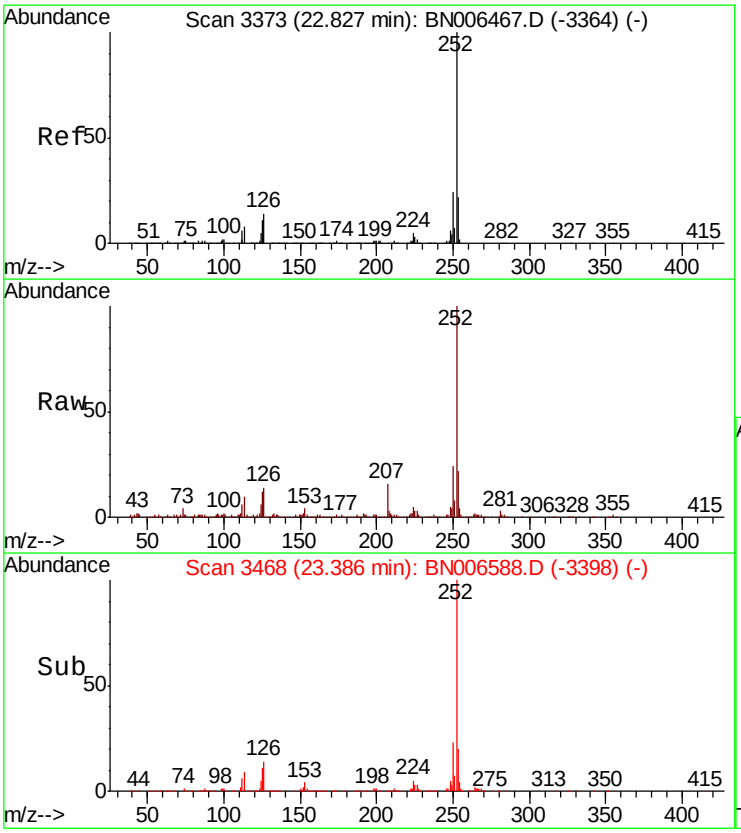


#86
Di-n-octyl phthalate
Concen: 64.782 ng/ul
RT: 22.43 min Scan# 3305
Delta R.T. 0.04 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Instrument :
BNA_N
ClientSampleId :
C5AB1

Tgt Ion:149 Resp: 1357

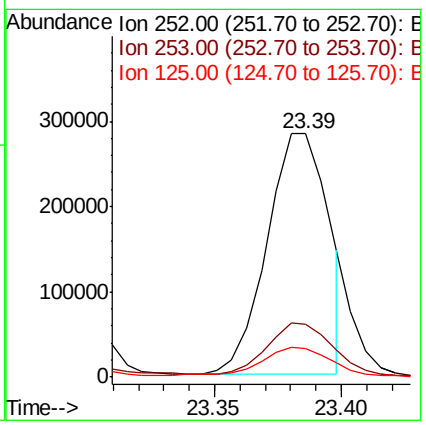


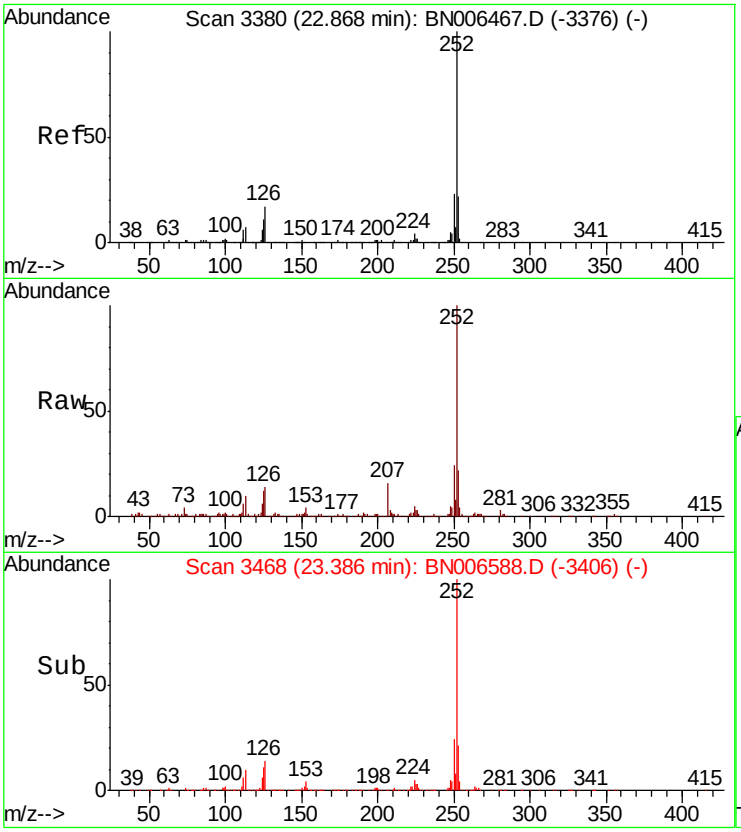


#87
Benzo(b)fluoranthene
Concen: 24186.428 ng/ul
RT: 23.39 min Scan# 3468
Delta R.T. 0.21 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Tgt Ion:252 Resp: 473213

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.7	9.0	13.6



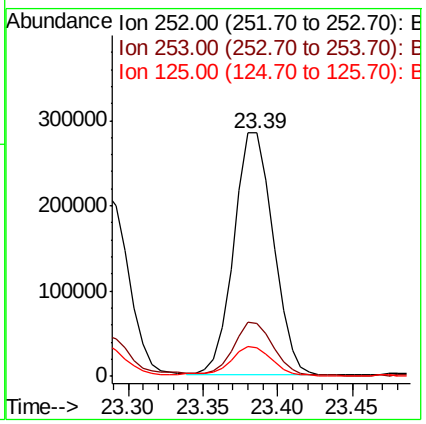


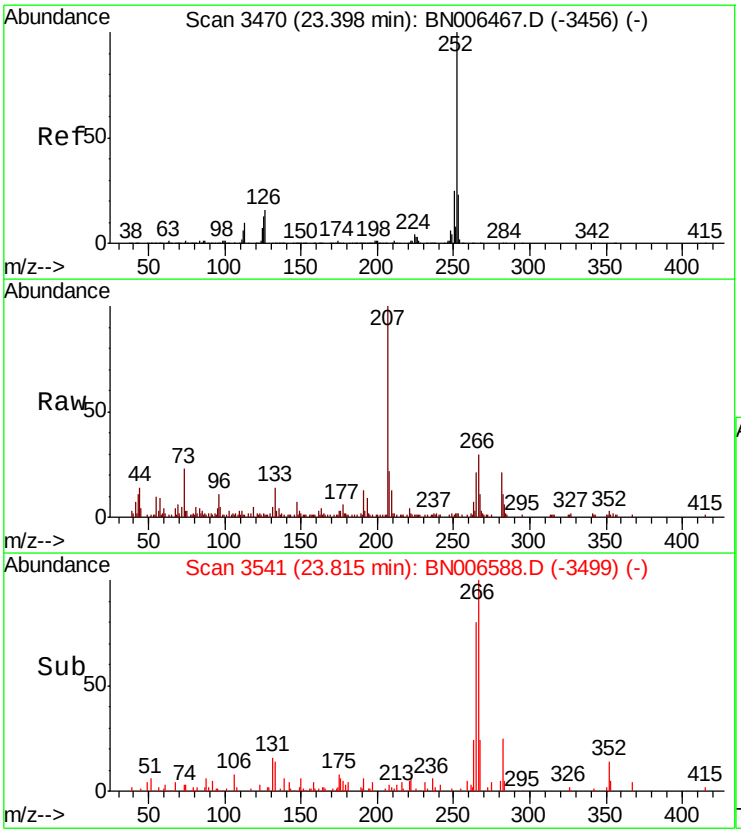
#88
Benzo(k)fluoranthene
Concen: 27993.212 ng/ul
RT: 23.39 min Scan# 3468
Delta R.T. 0.16 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Instrument :
BNA_N
ClientSampleId :
C5AB1

Tgt Ion:252 Resp: 523445

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	11.7	9.1	13.7

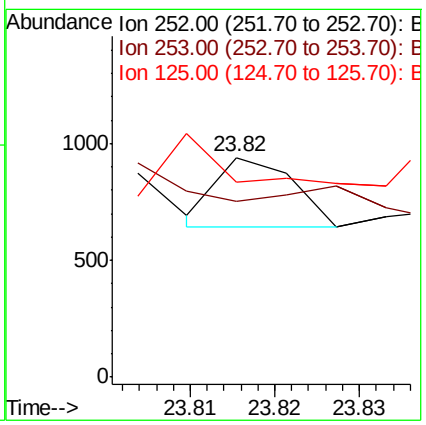


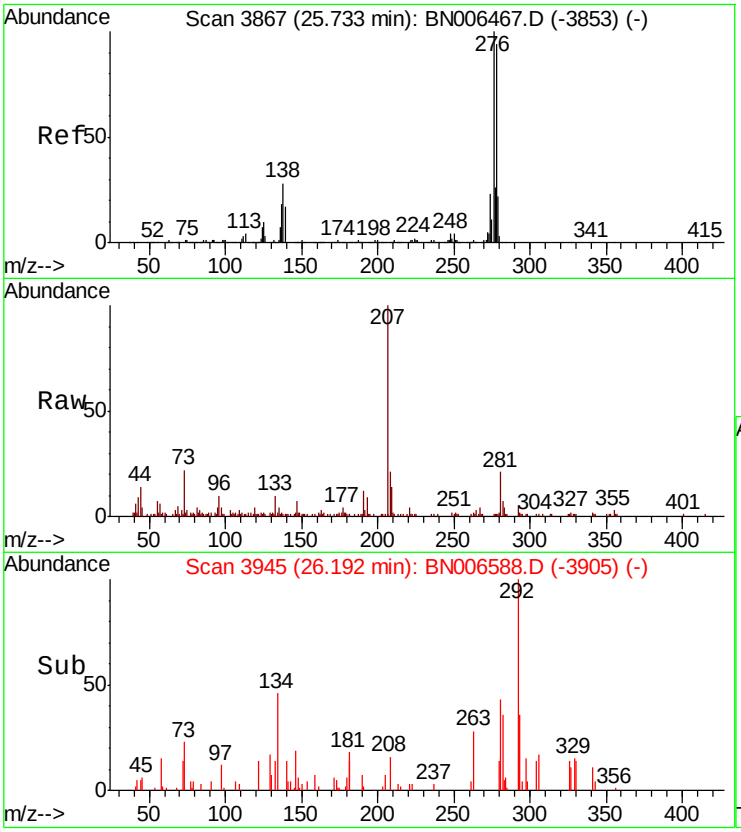


#90
Benzo(a)pyrene
Concen: 10.021 ng/ul
RT: 23.82 min Scan# 3541
Delta R.T. 0.05 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Tgt Ion:252 Resp: 188

Ion	Ratio	Lower	Upper
252	100		
253	80.2	17.7	26.5#
125	88.6	10.0	15.0#



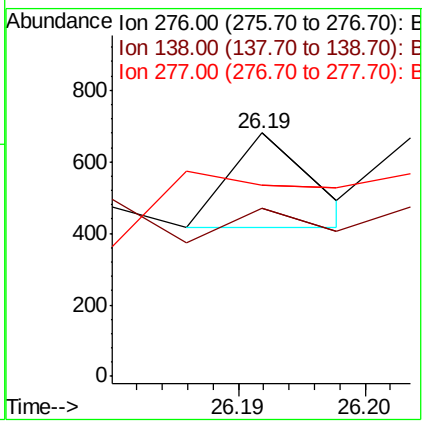


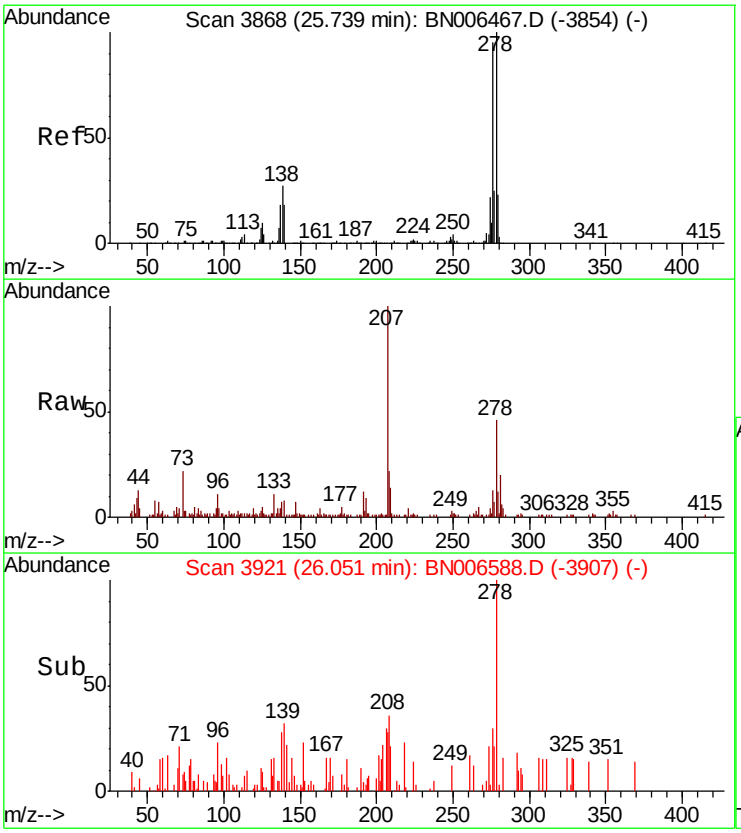
#91
Indeno(1,2,3-cd)pyrene
Concen: 5.450 ng/ul
RT: 26.19 min Scan# 3945
Delta R.T. 0.04 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Instrument :
BNA_N
ClientSampleId :
C5AB1

Tgt Ion:276 Resp: 121

Ion	Ratio	Lower	Upper
276	100		
138	68.9	22.2	33.4#
277	78.6	20.2	30.4#

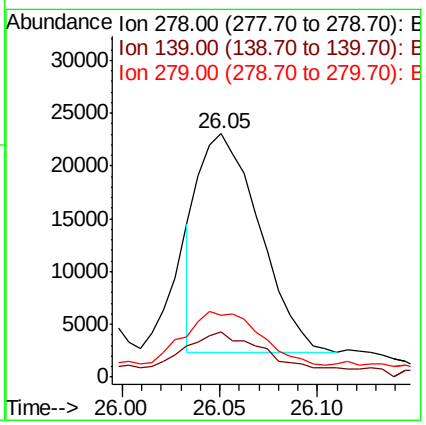


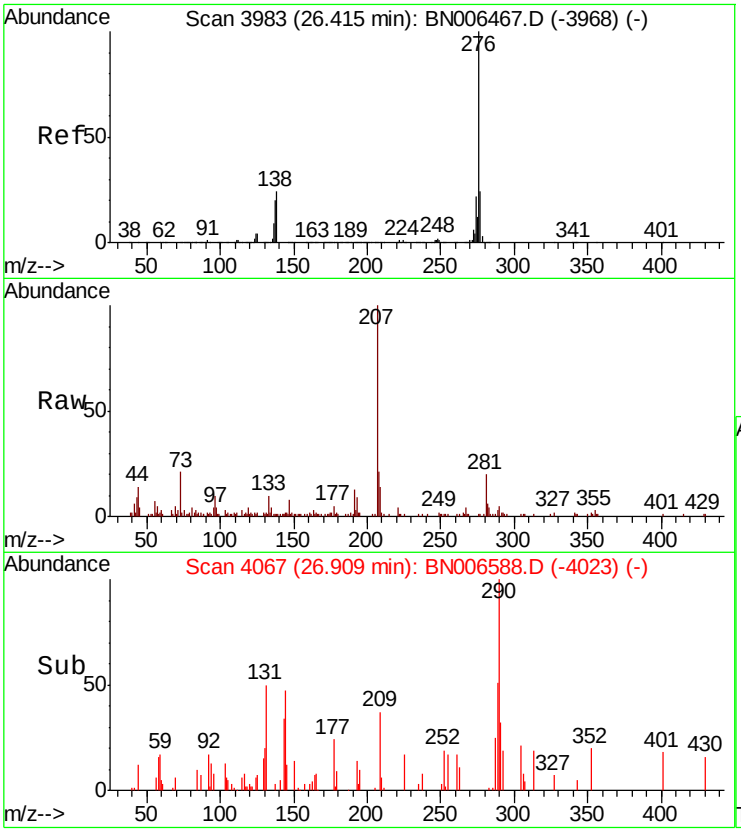


#92
Dibenzo(a,h)anthracene
Concen: 2465.995 ng/ul
RT: 26.05 min Scan# 3921
Delta R.T. -0.12 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Tgt Ion:278 Resp: 45340

Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.2	21.4
279	25.6	18.8	28.2





#93
Benzo(g,h,i)perylene
Concen: 10.481 ng/ul
RT: 26.91 min Scan# 4067
Delta R.T. 0.06 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Instrument :
BNA_N
ClientSampleId :
C5AB1

Tgt Ion:276 Resp: 196

Ion	Ratio	Lower	Upper
276	100		
138	78.6	19.1	28.7#
277	51.5	19.4	29.0#