Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005598.D
Acq On : 10 May 2019 20:49
Operator : JU/SJ
Sample : K2604-13ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 10 23:12:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	214625	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	889543	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	528377	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1182535	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1071267	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	1009763	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	11801	2.65	ng/uL	0.00
5) Phenol-d5	6.76	99	356147	21.13	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	221592	21.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	296431	22.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	316462	24.02	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	187706	34.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	215636	38.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	376745	29.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	573641	43.72	ng/ul	-0.01
43) Dimethylphthalate-d6	13.63	166	1307602	34.09	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	1548382	32.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	181301	29.94	ng/ul	0.00
57) Fluorene-d10	15.22	176	1097398	34.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	152962	28.76	ng/ul	0.00
70) Anthracene-d10	17.07	188	1684527	33.98	ng/ul	0.00
78) Pyrene-d10	19.39	212	1871574	34.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1518884	34.42	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.75	77	12444	1.042	ng/ul#	1
28) Naphthalene	10.40	128	6657428	160.989	ng/ul	100
32) Caprolactam	11.27	113	11024	2.902	ng/ul#	1
34) 2-Methylnaphthalene	12.02	142	2374601	78.423	ng/ul	97
40) 1,1'-Biphenyl	13.04	154	393342	9.991	ng/ul	98
44) Dimethylphthalate	13.68	163	199462	5.219	ng/ul#	99
47) Acenaphthylene	13.94	152	264005	5.702	ng/ul#	90
49) Acenaphthene	14.28	153	1291963	40.877	ng/ul	98
58) Fluorene	15.27	166	819036	23.066	ng/ul	98
64) N-Nitrosodiphenylamine	15.50	169	46525	1.437	ng/ul	96
69) Phenanthrene	17.02	178	4184115	72.652	ng/ul	100
71) Anthracene	17.11	178	1146728	19.546	ng/ul	99
74) Carbazole	17.38	167	59021	1.171	ng/ul#	92
76) Fluoranthene	19.05	202	1973096	30.888	ng/ul#	95
79) Pyrene	19.42	202	2711393	39.310	ng/ul#	92
82) Benzo(a)anthracene	21.24	228	862323	12.939	ng/ul	94
84) Chrysene	21.24	228	862323	13.942	ng/ul	98
87) Benzo(b)fluoranthene	22.76	252	649011	11.434	ng/ul#	97
88) Benzo(k)fluoranthene	22.76	252	649011	11.972	ng/ul	97
90) Benzo(a)pyrene	23.32	252	688120	12.897	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.60	276	248954	4.220	ng/ul#	92
92) Dibenzo(a,h)anthracene	25.60	278	70818	1.415	ng/ul#	78
93) Benzo(g,h,i)perylene	26.27	276	232760	4.772	ng/ul#	92

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005598.D
Acq On : 10 May 2019 20:49
Operator : JU/SJ
Sample : K2604-13ME
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 10 23:12:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005598.D
Acq On : 10 May 2019 20:49
Operator : JU/SJ
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Misc :
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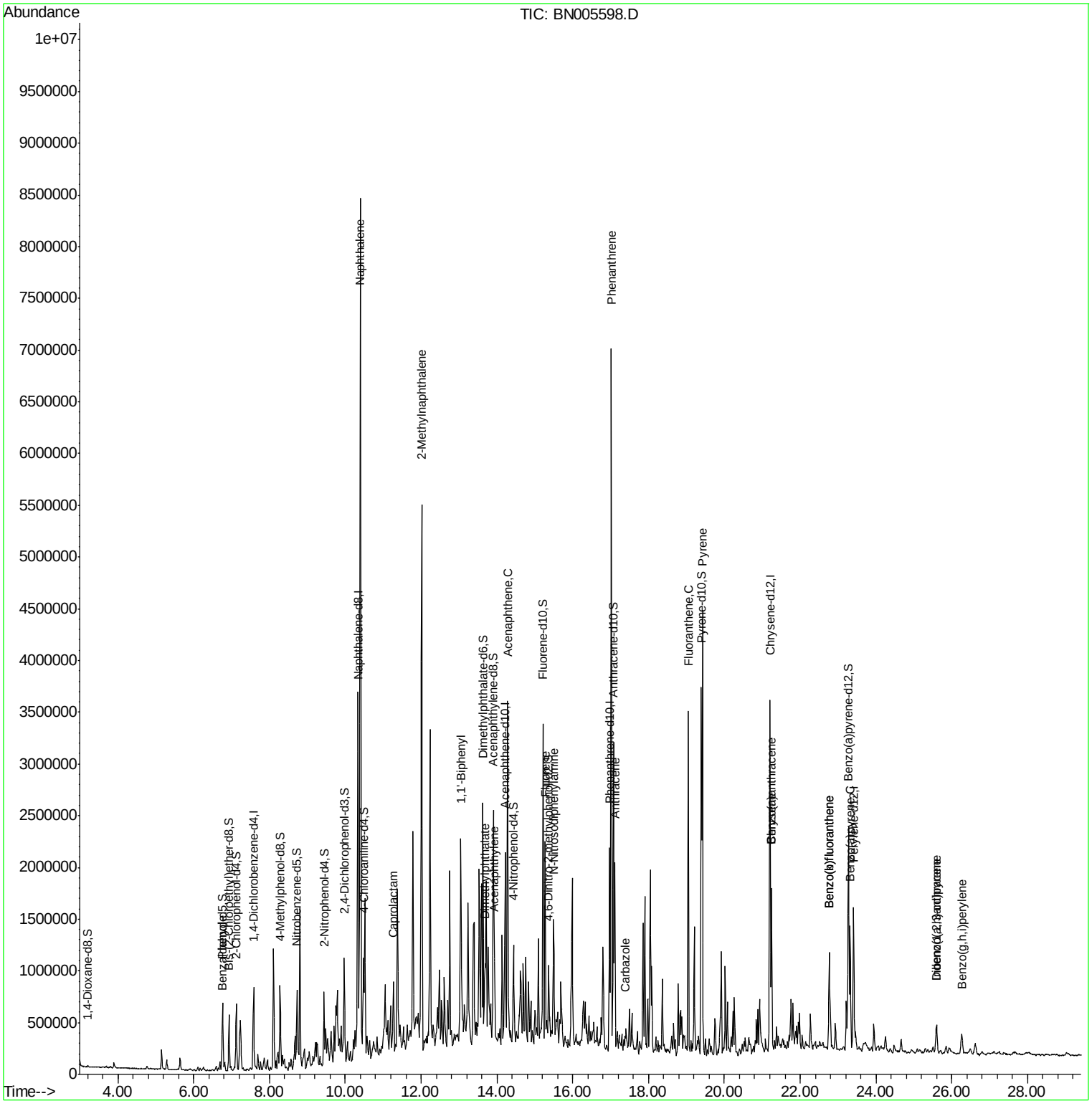
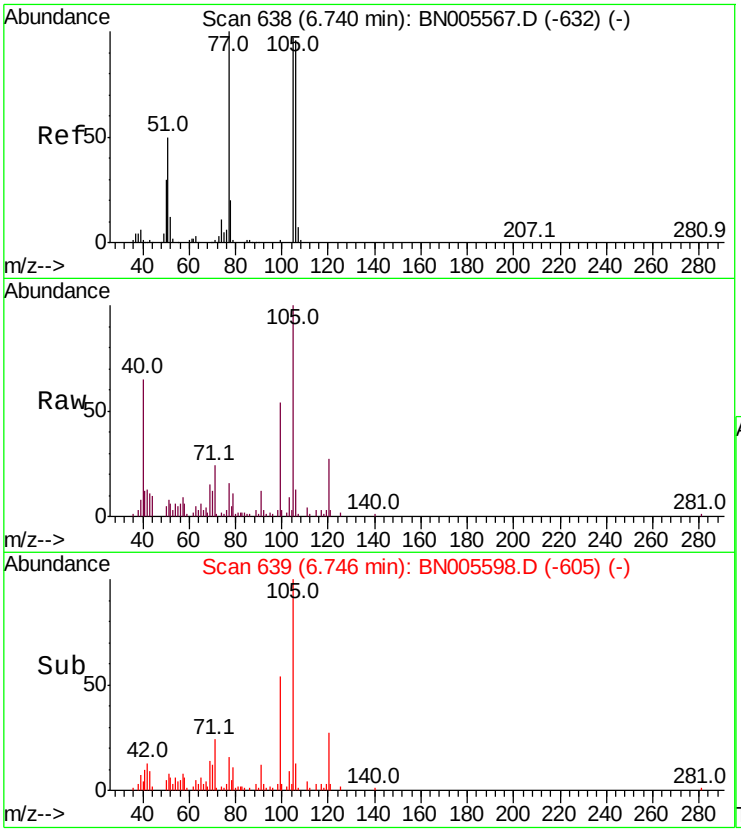
Instrument :
BNA_N
ClientSampleId :

Quant Time: May 10 23:12:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration



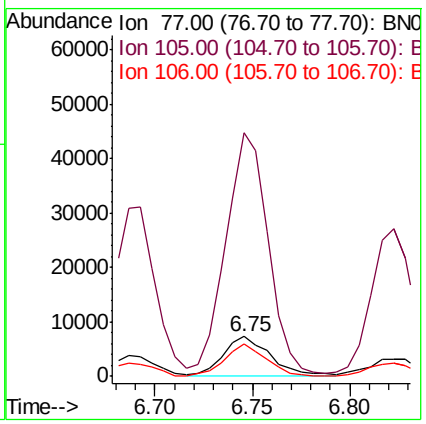


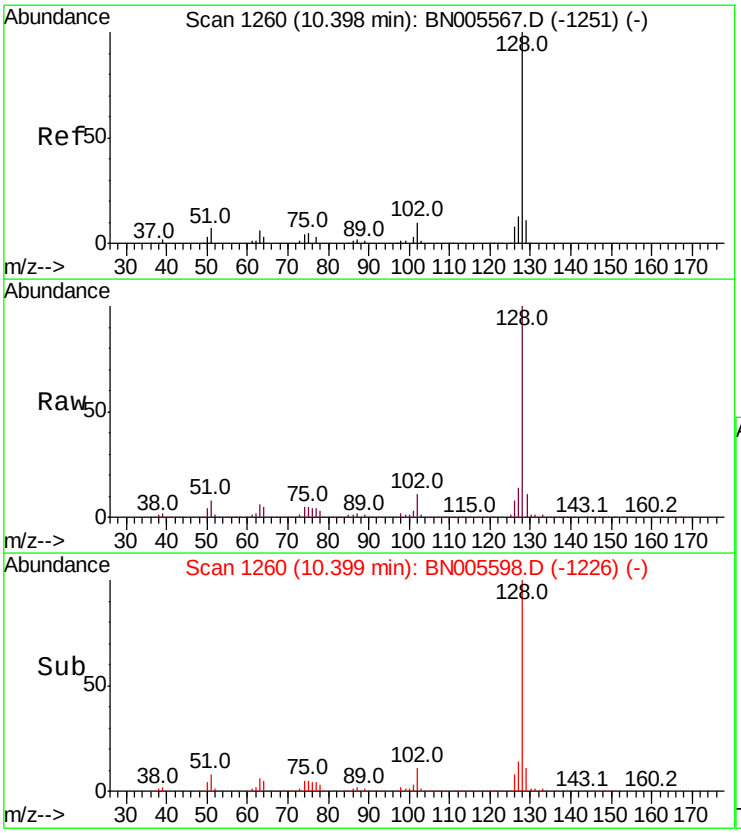
#4
Benzaldehyde
Concen: 1.042 ng/ul
RT: 6.75 min Scan# 639
Delta R.T. -0.00 min
Lab File: BN005598.D
Acq: 10 May 2019 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 77 Resp: 12444

Ion	Ratio	Lower	Upper
77	100		
105	613.7	77.4	116.2#
106	82.2	76.3	114.5

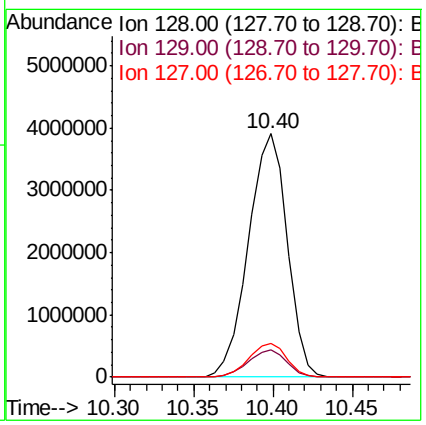


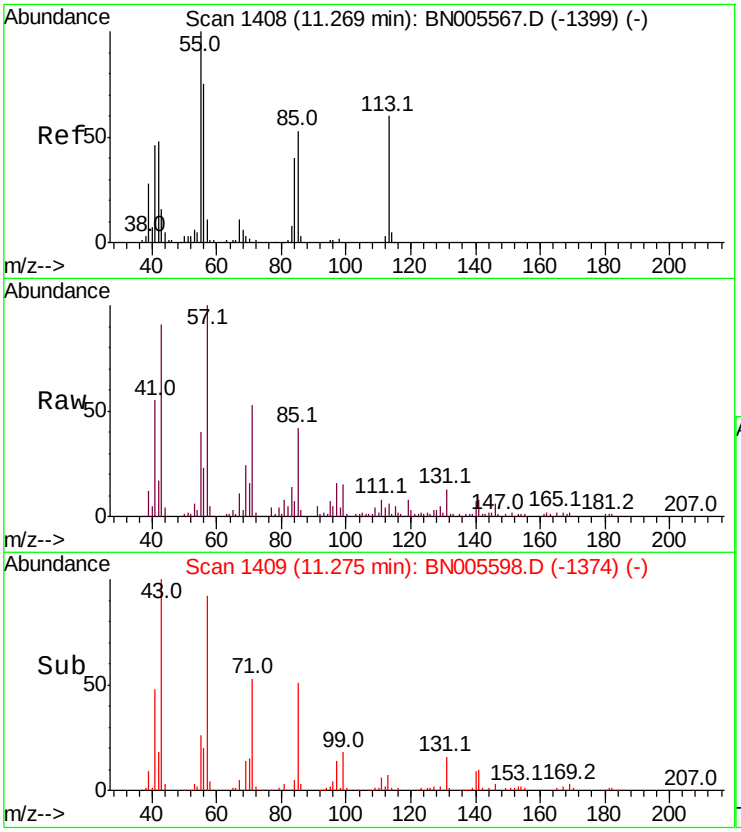


#28
Naphthalene
Concen: 160.989 ng/ul
RT: 10.40 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BN005598.D
Acq: 10 May 2019 20:49

Tgt Ion:128 Resp: 6657428

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.6	10.7	16.1



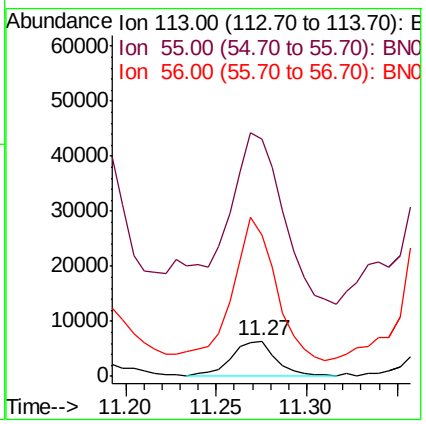


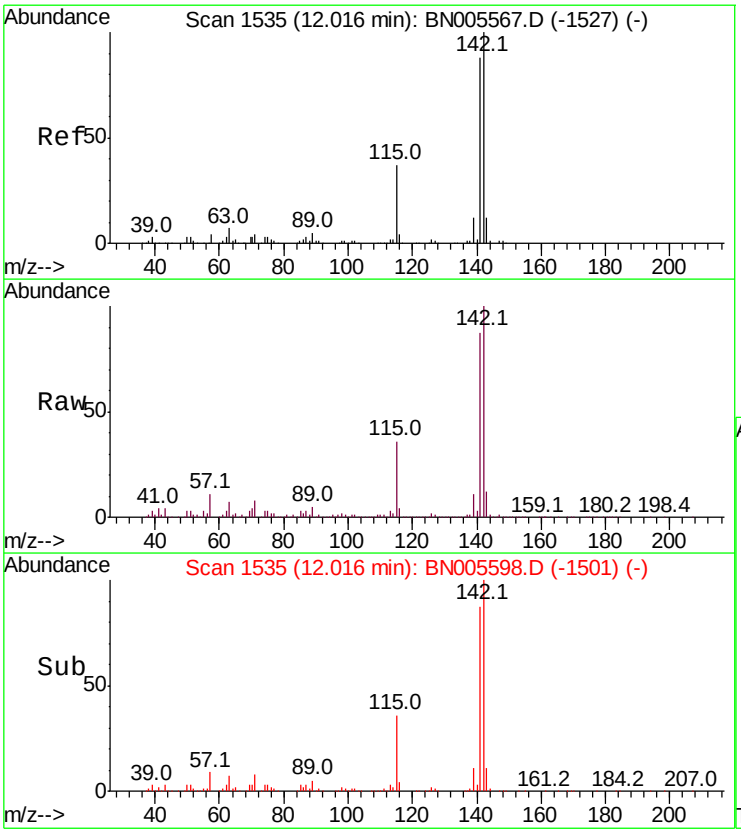
#32
Caprolactam
Concen: 2.902 ng/ul
RT: 11.27 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BN005598.D
Acq: 10 May 2019 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:113 Resp: 11024

Ion	Ratio	Lower	Upper
113	100		
55	674.2	157.0	235.4#
56	400.3	119.1	178.7#

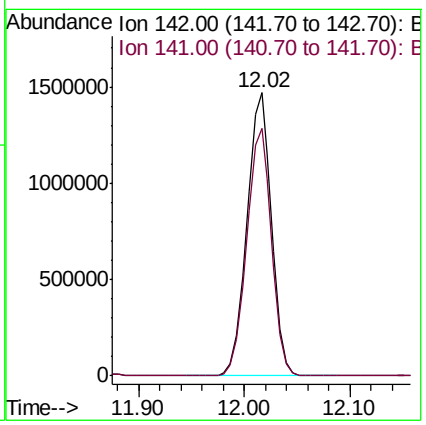


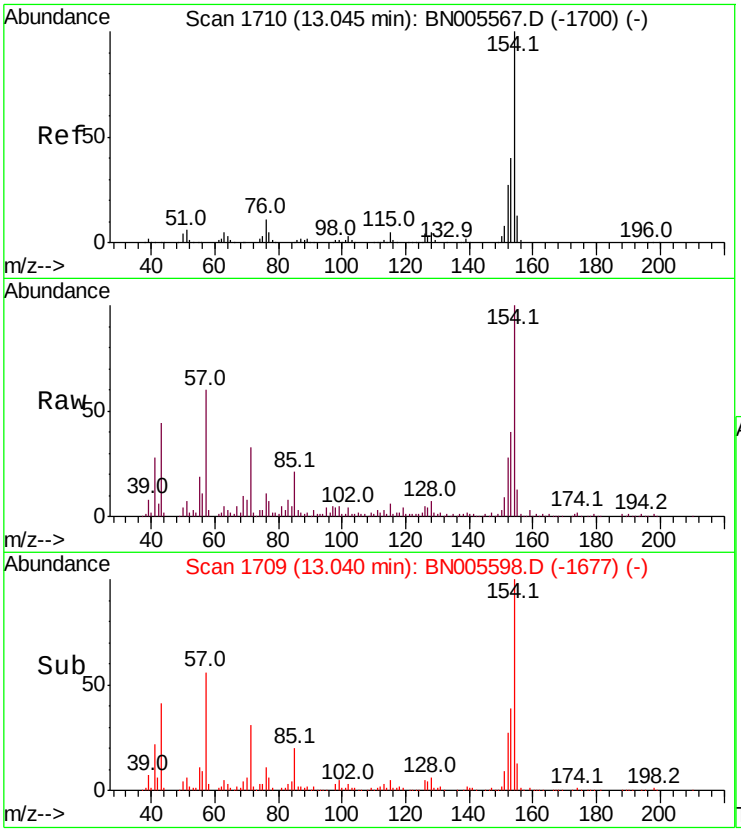


#34
2-Methylnaphthalene
Concen: 78.423 ng/ul
RT: 12.02 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BN005598.D
Acq: 10 May 2019 20:49

Tgt Ion:142 Resp: 2374601

Ion	Ratio	Lower	Upper
142	100		
141	87.4	72.0	108.0



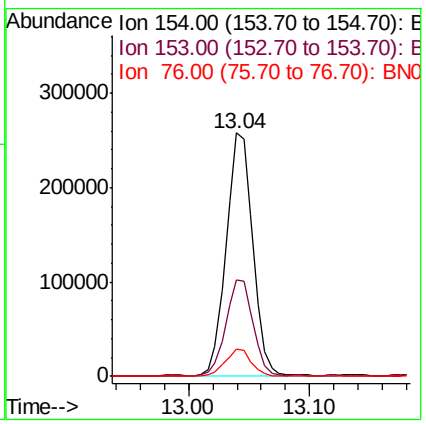


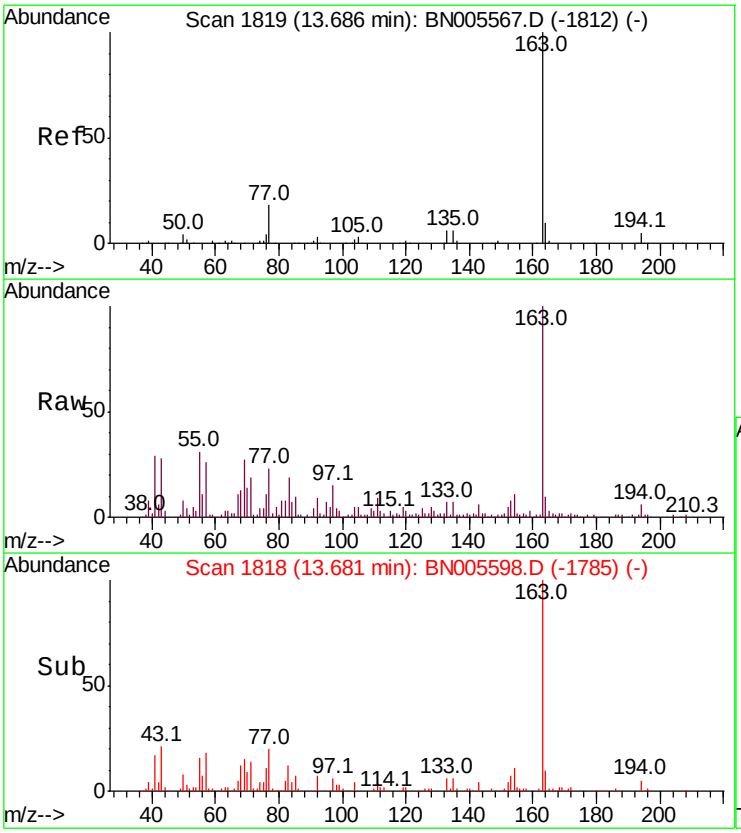
#40
1,1'-Biphenyl
Concen: 9.991 ng/ul
RT: 13.04 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BN005598.D
Acq: 10 May 2019 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 393342

Ion	Ratio	Lower	Upper
154	100		
153	39.9	32.6	49.0
76	11.1	10.4	15.6

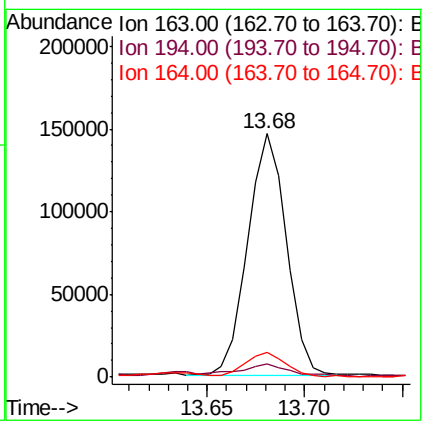


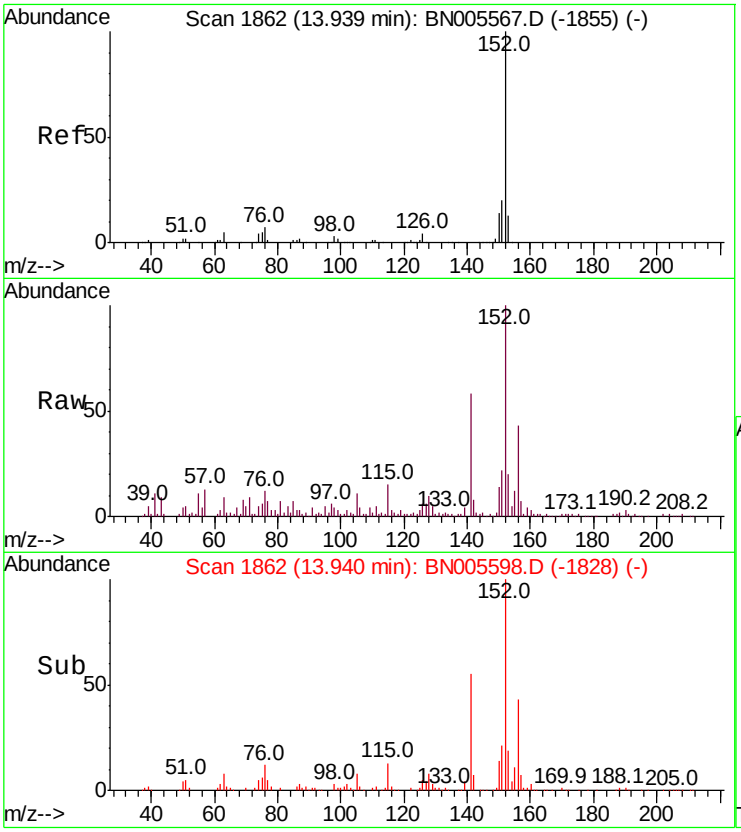


#44
Dimethylphthalate
Concen: 5.219 ng/ul
RT: 13.68 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BN005598.D
Acq: 10 May 2019 20:49

Tgt Ion:163 Resp: 199462

Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.4	5.0#
164	10.1	8.1	12.1



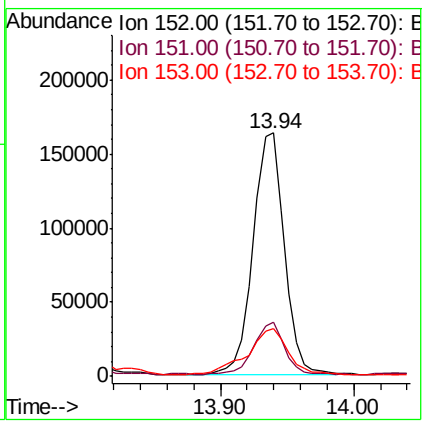


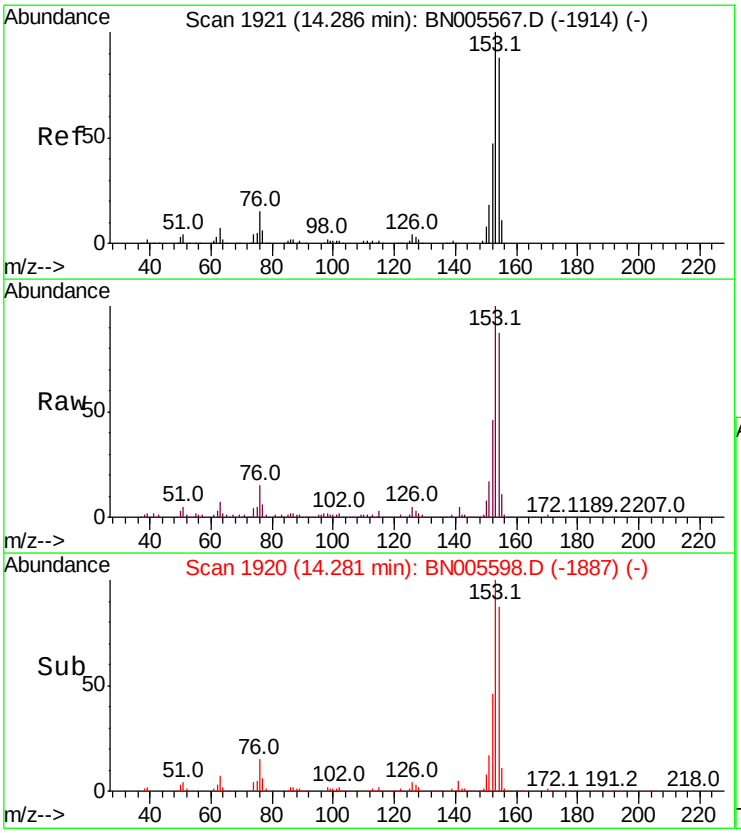
#47
Acenaphthylene
Concen: 5.702 ng/ul
RT: 13.94 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BN005598.D
Acq: 10 May 2019 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 264005

Ion	Ratio	Lower	Upper
152	100		
151	22.0	15.8	23.8
153	19.8	9.8	14.8#

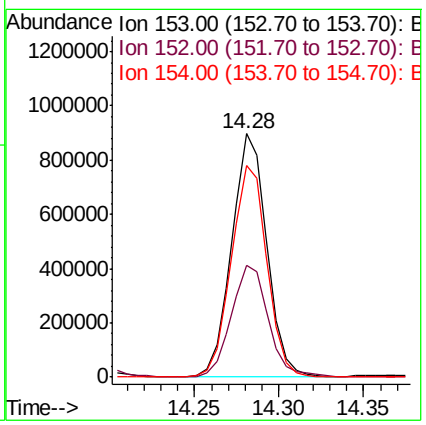


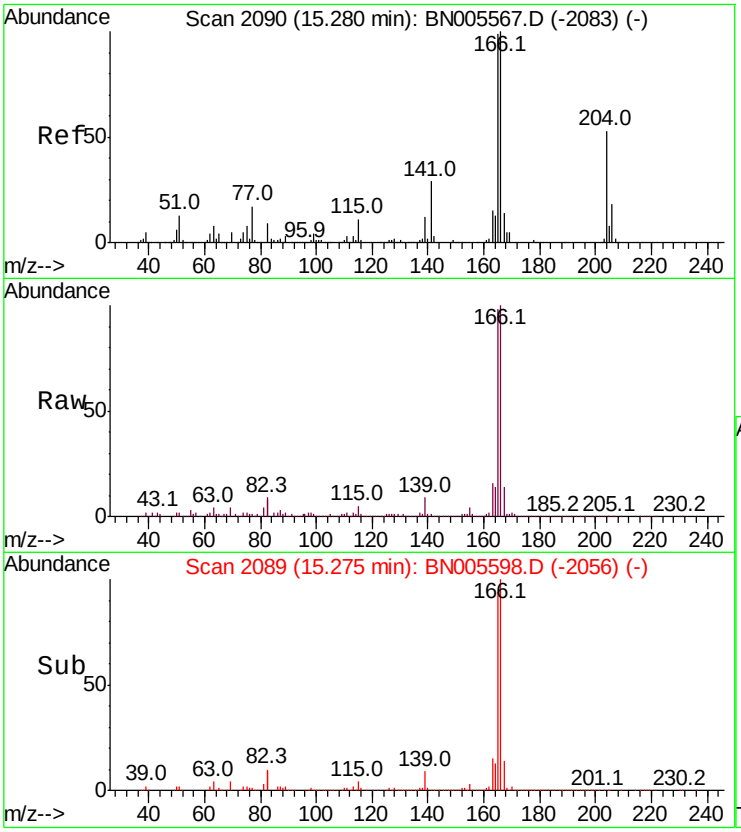


#49
Acenaphthene
Concen: 40.877 ng/ul
RT: 14.28 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BN005598.D
Acq: 10 May 2019 20:49

Tgt Ion:153 Resp: 1291963

Ion	Ratio	Lower	Upper
153	100		
152	46.0	37.4	56.0
154	87.0	71.2	106.8



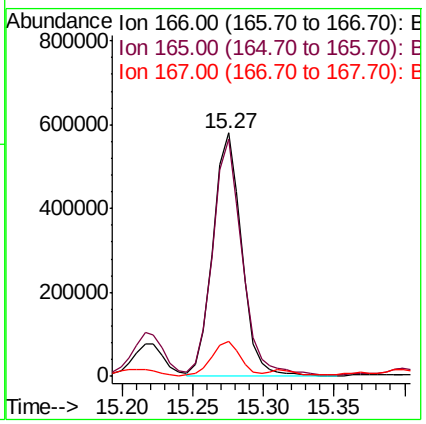


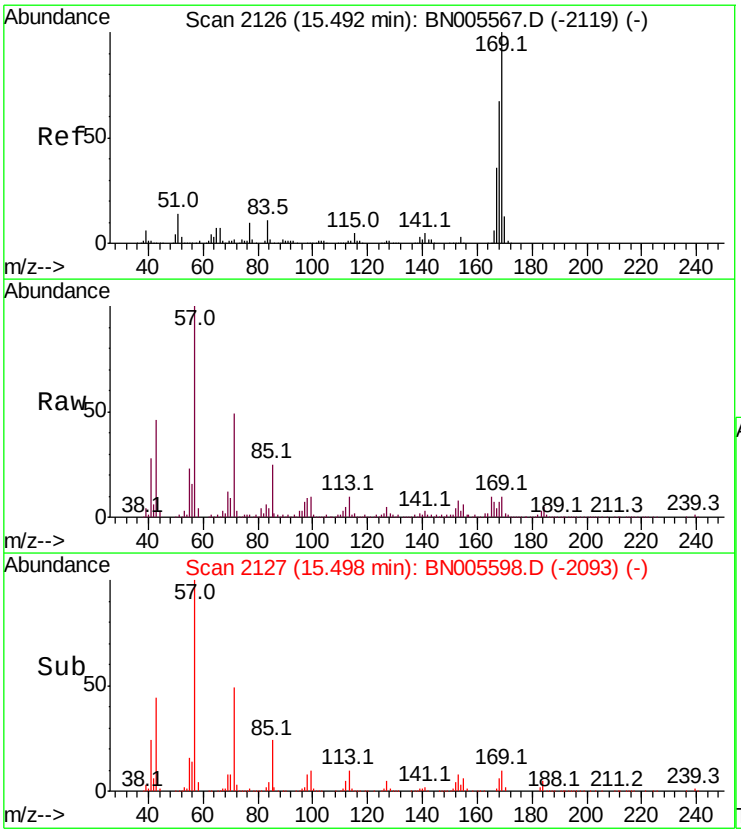
#58
Fluorene
Concen: 23.066 ng/ul
RT: 15.27 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BN005598.D
Acq: 10 May 2019 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 819036

Ion	Ratio	Lower	Upper
166	100		
165	97.6	80.0	120.0
167	14.3	10.7	16.1

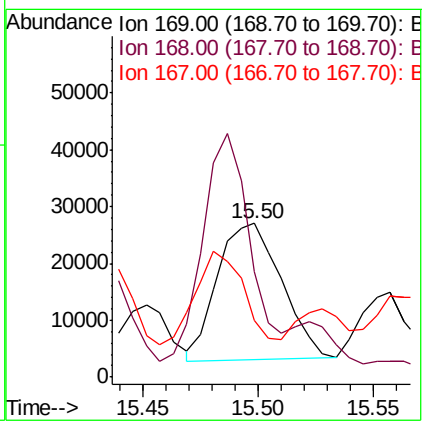


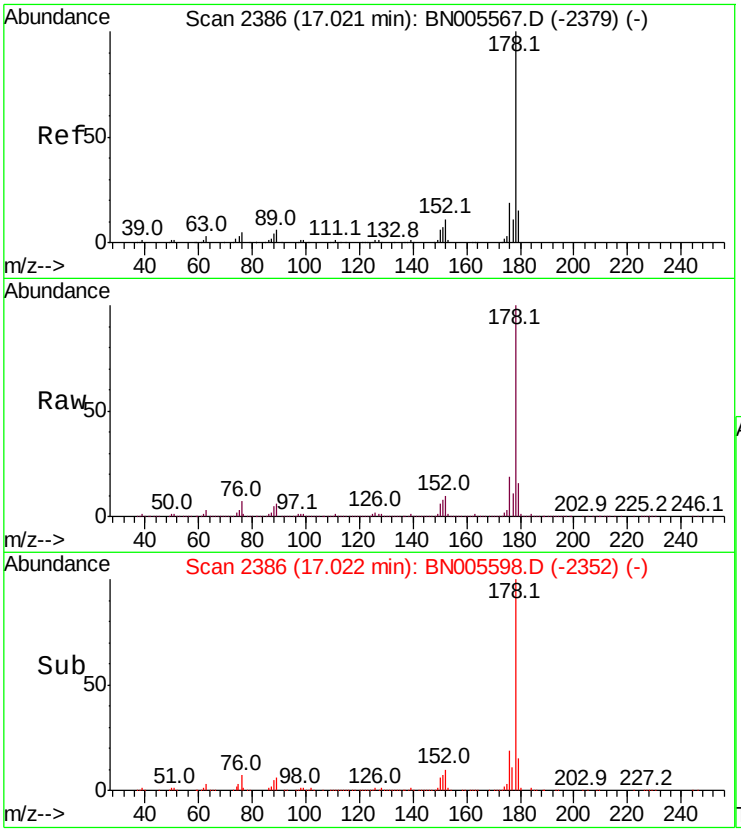


#64
N-Nitrosodiphenylamine
Concen: 1.437 ng/ul
RT: 15.50 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BN005598.D
Acq: 10 May 2019 20:49

Tgt Ion:169 Resp: 46525

Ion	Ratio	Lower	Upper
169	100		
168	68.6	52.2	78.2
167	37.1	27.7	41.5



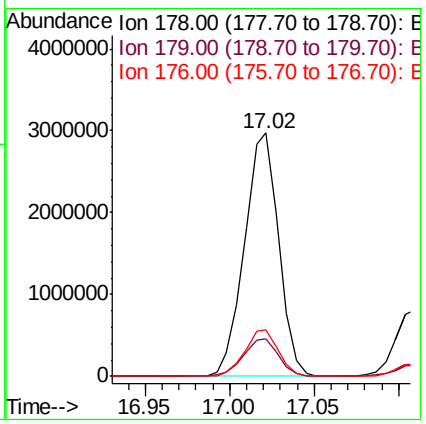


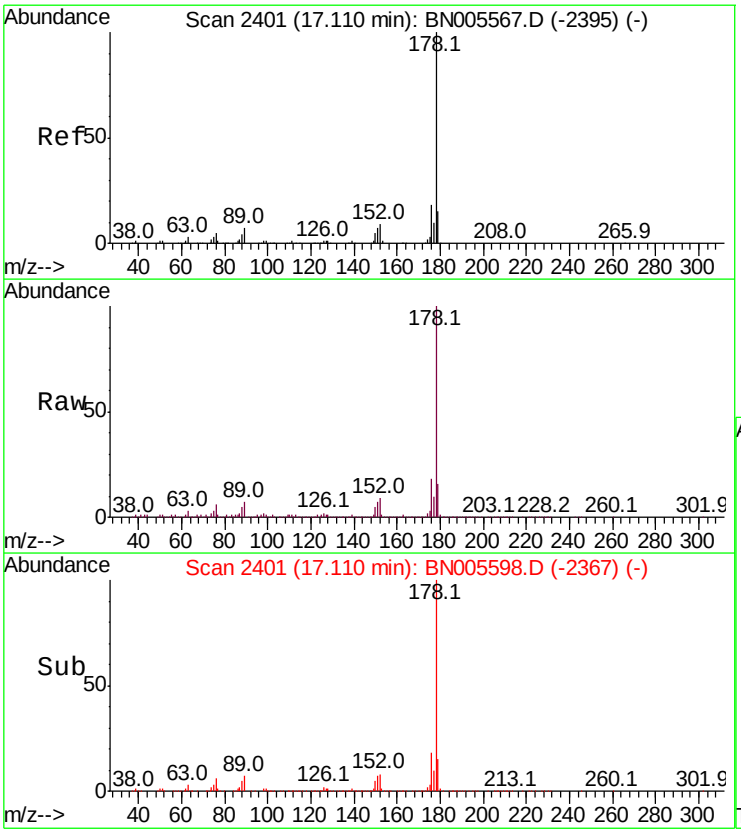
#69
Phenanthrene
Concen: 72.652 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BN005598.D
Acq: 10 May 2019 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 4184115

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	19.0	15.1	22.7

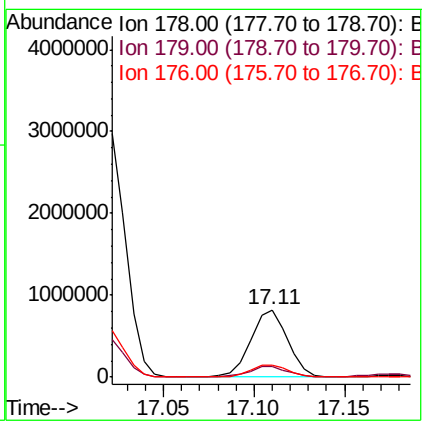


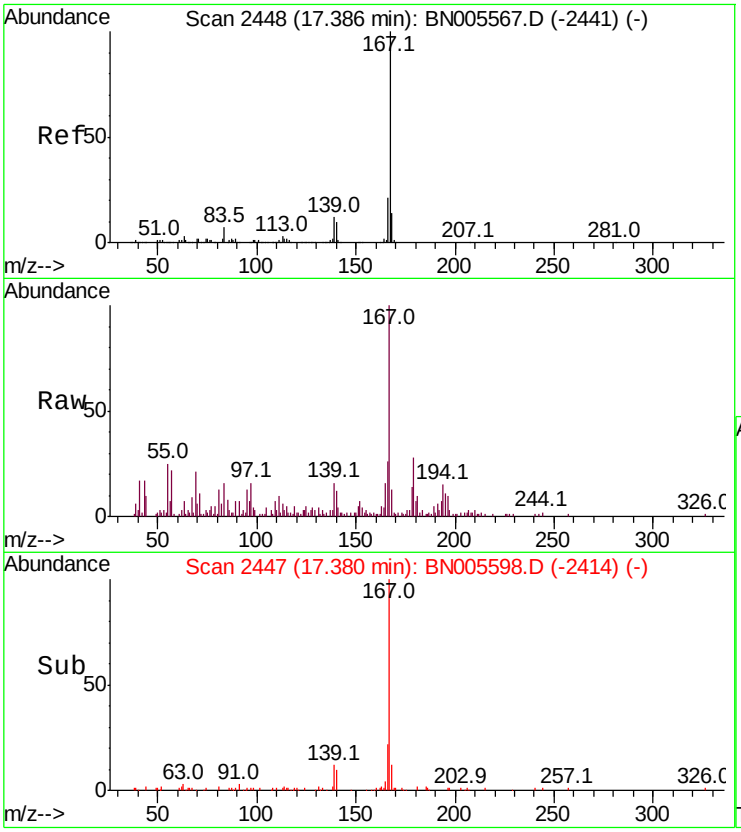


#71
Anthracene
Concen: 19.546 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BN005598.D
Acq: 10 May 2019 20:49

Tgt Ion:178 Resp: 1146728

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	17.9	15.1	22.7



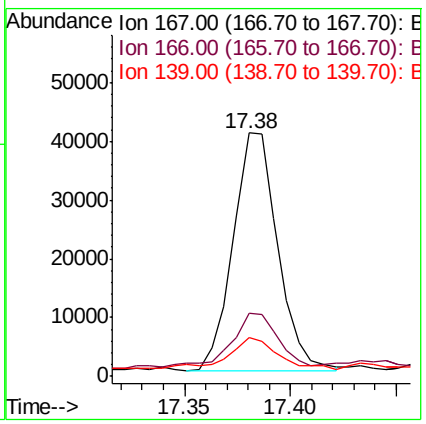


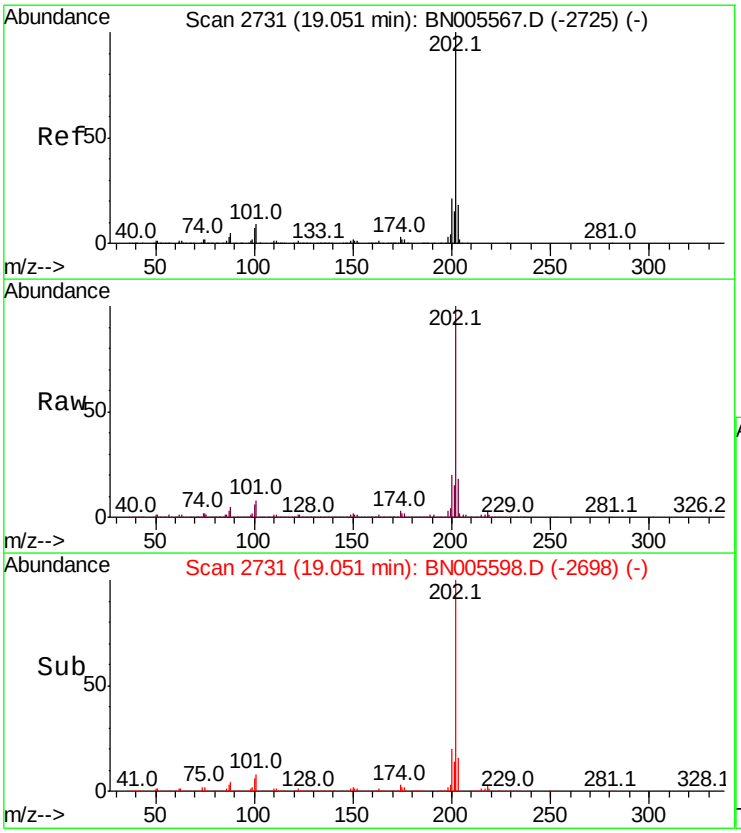
#74
Carbazole
Concen: 1.171 ng/ul
RT: 17.38 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BN005598.D
Acq: 10 May 2019 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:167 Resp: 59021

Ion	Ratio	Lower	Upper
167	100		
166	26.0	17.2	25.8#
139	15.9	10.6	16.0

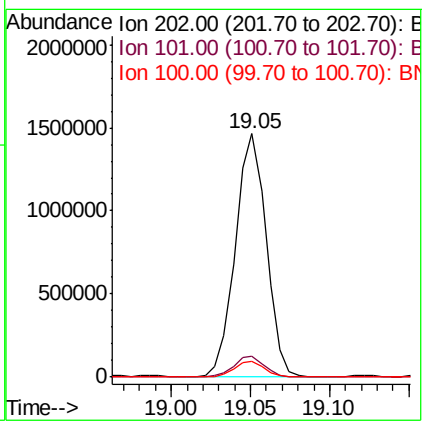


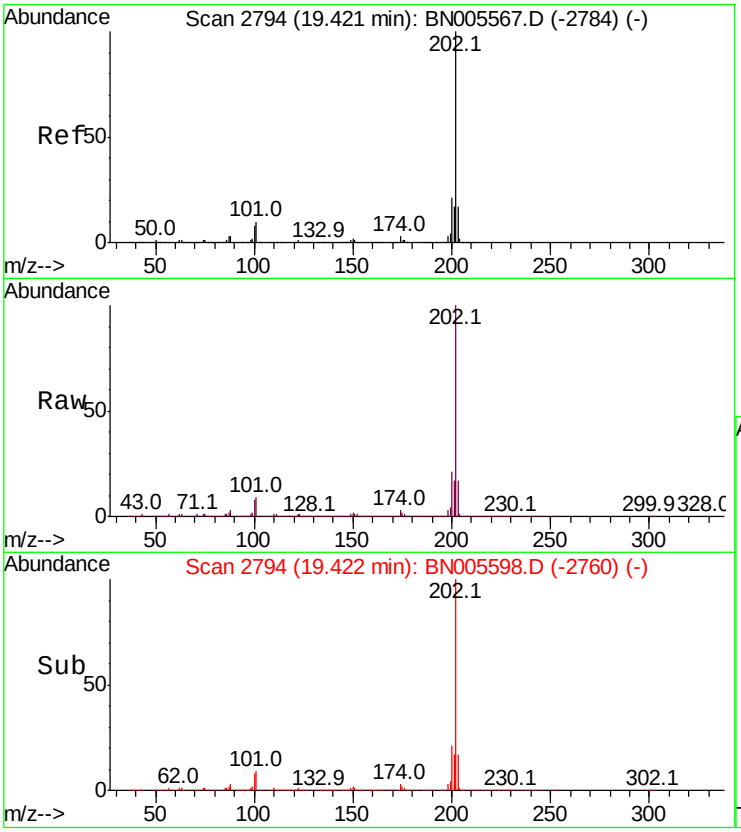


#76
Fluoranthene
Concen: 30.888 ng/ul
RT: 19.05 min Scan# 2731
Delta R.T. -0.01 min
Lab File: BN005598.D
Acq: 10 May 2019 20:49

Tgt Ion:202 Resp: 1973096

Ion	Ratio	Lower	Upper
202	100		
101	8.4	8.6	12.8#
100	6.3	6.3	9.5



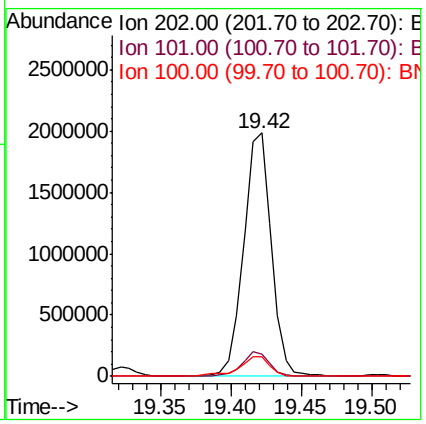


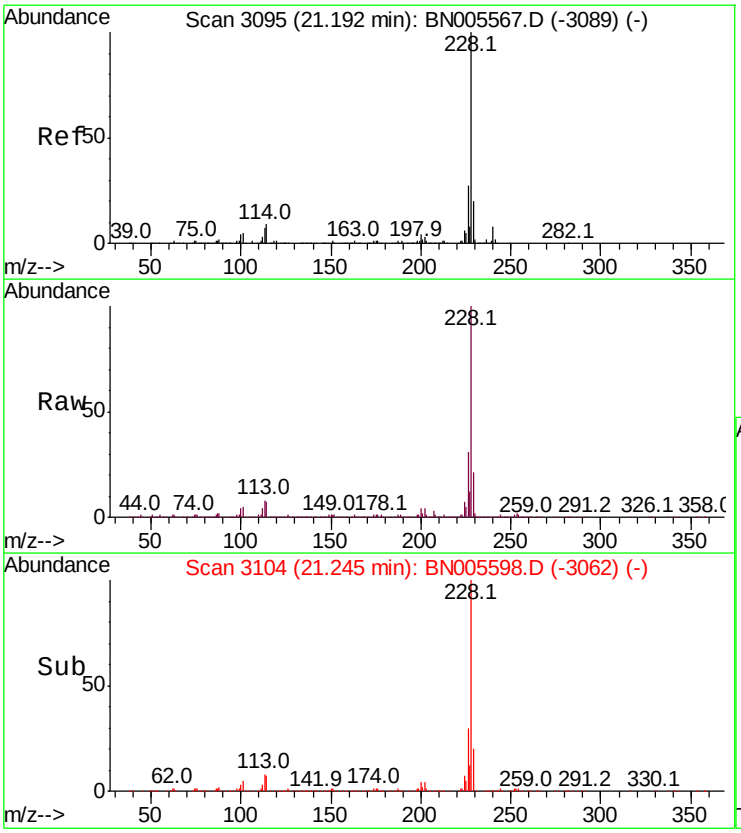
#79
Pyrene
Concen: 39.310 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BN005598.D
Acq: 10 May 2019 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 2711393

Ion	Ratio	Lower	Upper
202	100		
101	9.3	10.3	15.5#
100	7.8	7.9	11.9#

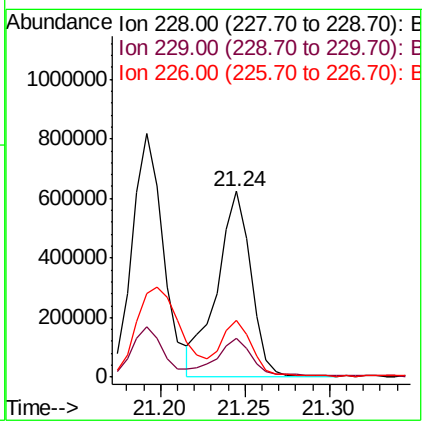


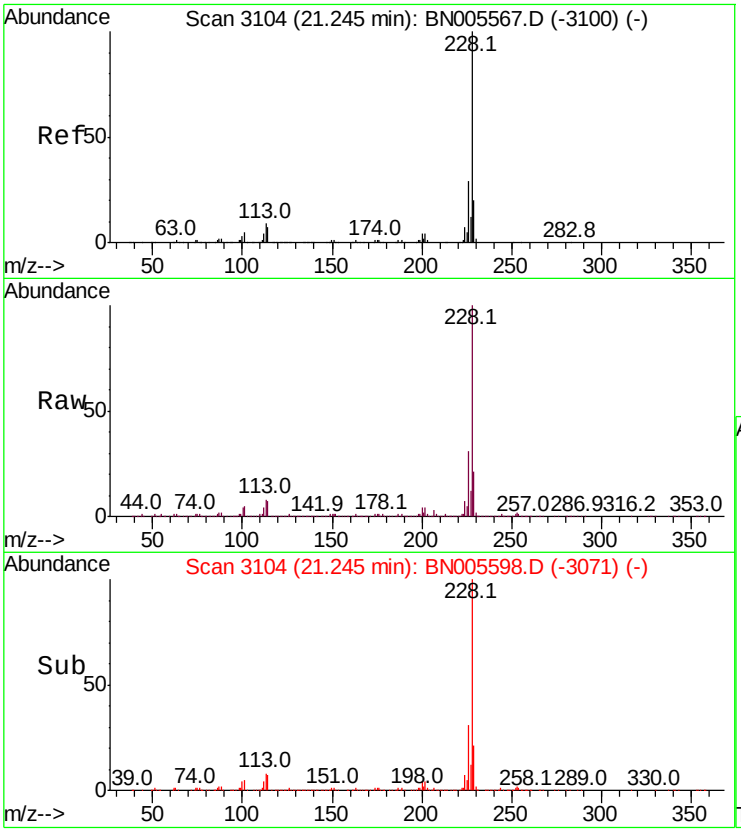


#82
Benzo(a)anthracene
Concen: 12.939 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. 0.05 min
Lab File: BN005598.D
Acq: 10 May 2019 20:49

Tgt Ion:228 Resp: 862323

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.6
226	30.8	21.4	32.2



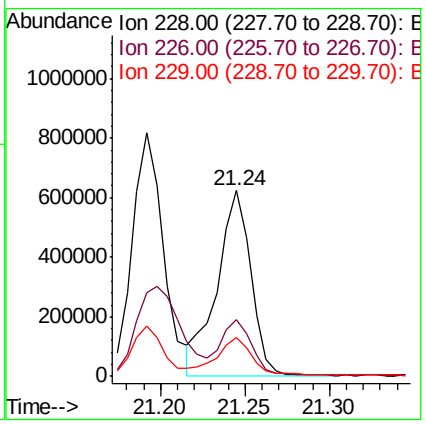


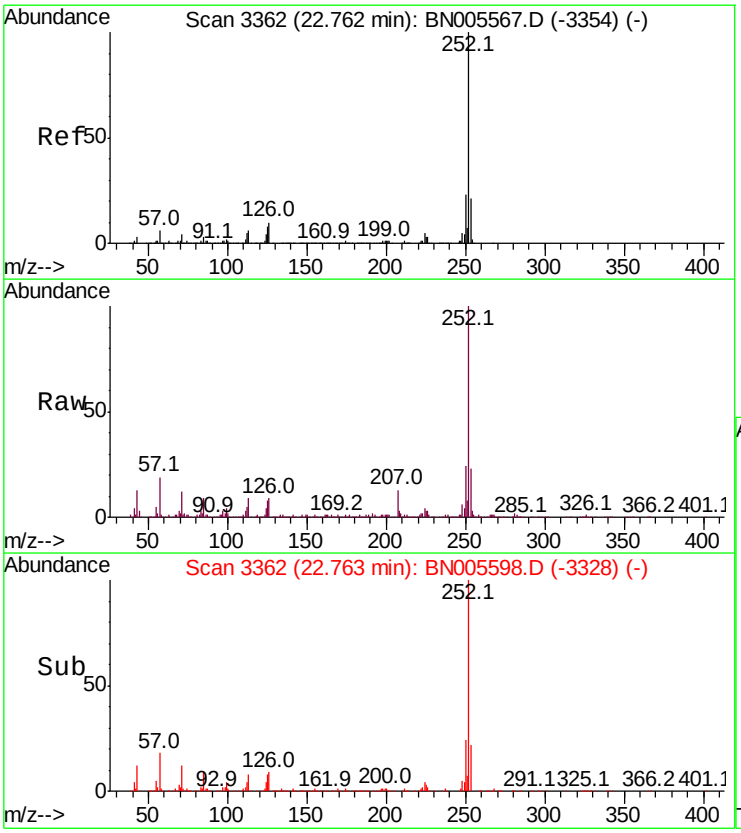
#84
Chrysene
Concen: 13.942 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN005598.D
Acq: 10 May 2019 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 862323

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	20.9	15.4	23.0

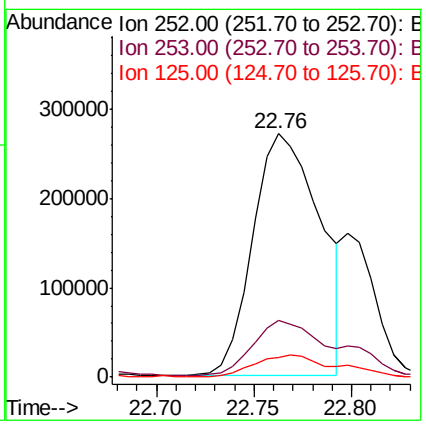


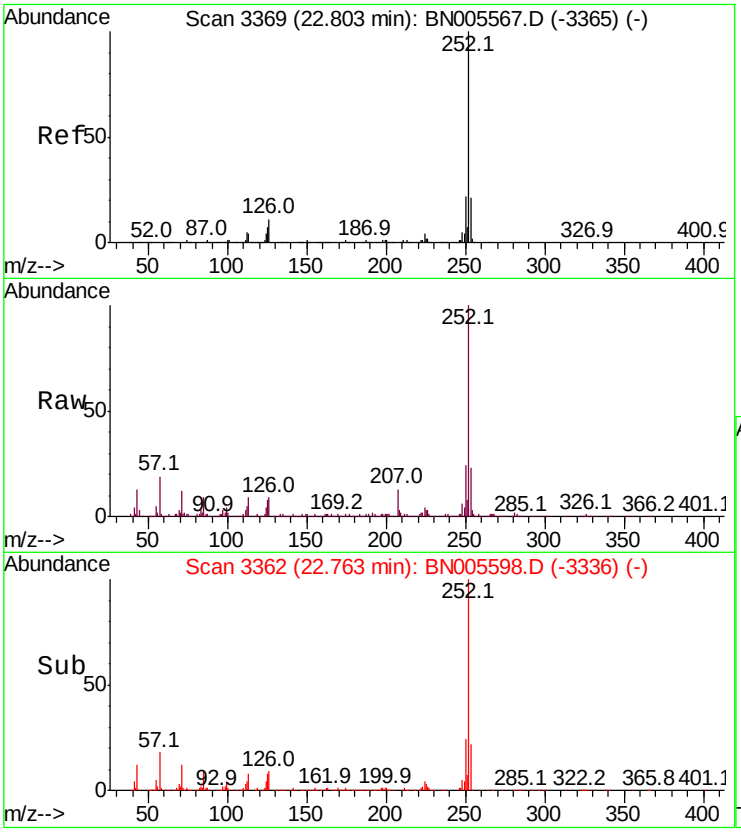


#87
Benzo(b)fluoranthene
Concen: 11.434 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.00 min
Lab File: BN005598.D
Acq: 10 May 2019 20:49

Tgt Ion:252 Resp: 649011

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	8.3	8.4	12.6#



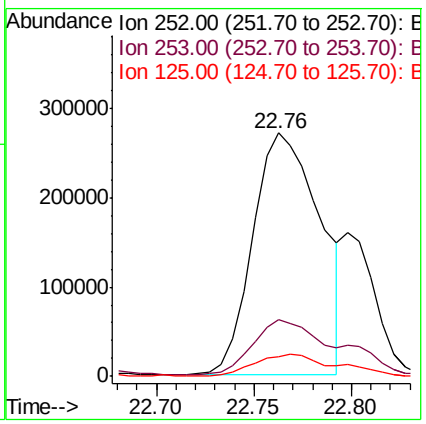


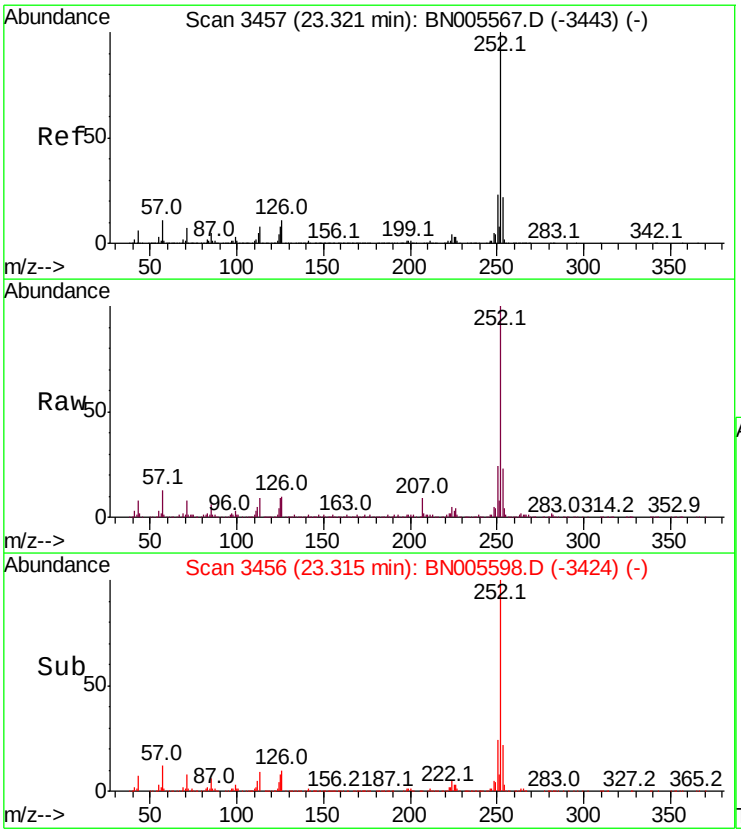
#88
Benzo(k)fluoranthene
Concen: 11.972 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.05 min
Lab File: BN005598.D
Acq: 10 May 2019 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 649011

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	8.3	7.5	11.3

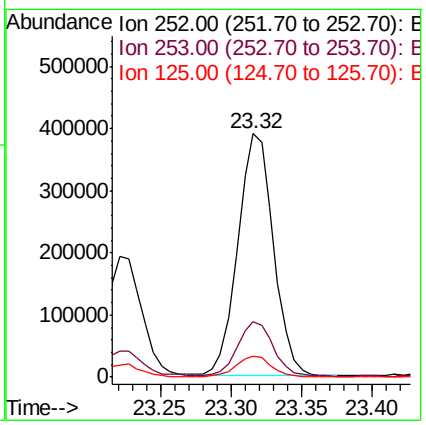


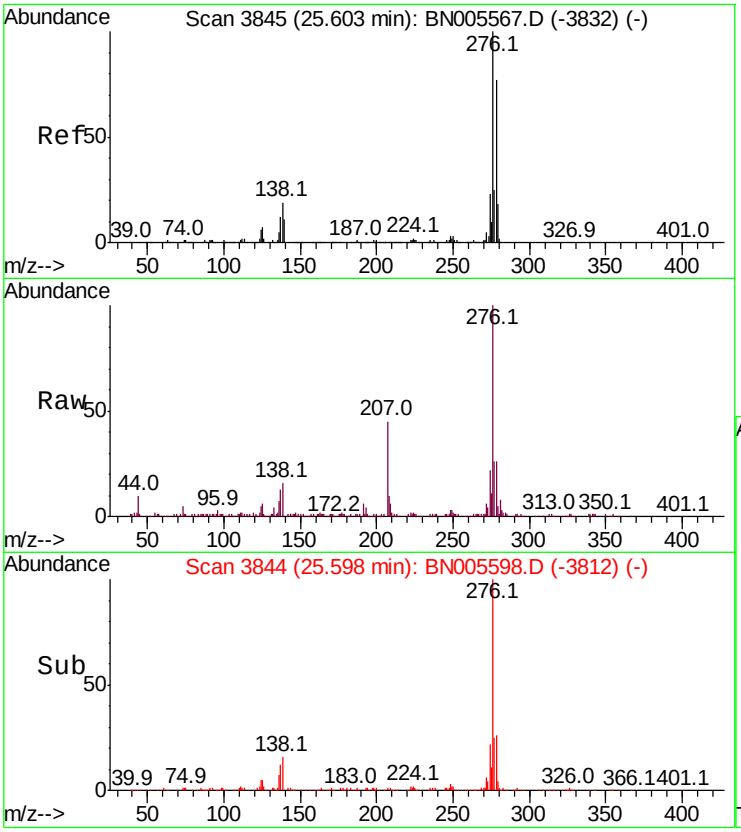


#90
Benzo(a)pyrene
Concen: 12.897 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BN005598.D
Acq: 10 May 2019 20:49

Tgt Ion:252 Resp: 688120

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	8.7	8.6	13.0



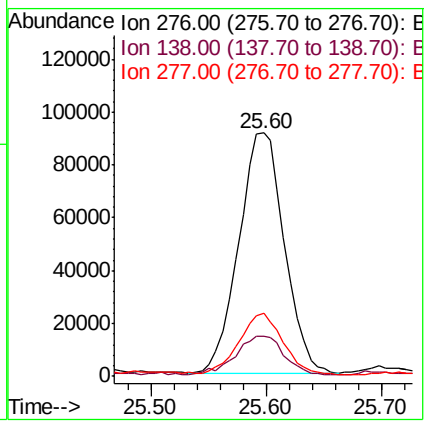


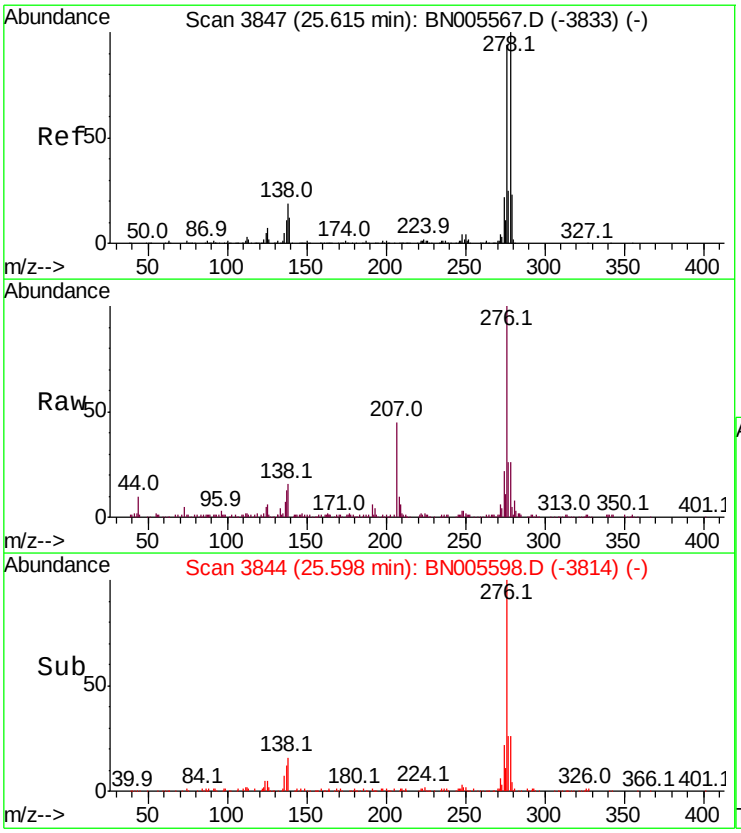
#91
Indeno(1,2,3-cd)pyrene
Concen: 4.220 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BN005598.D
Acq: 10 May 2019 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 248954

Ion	Ratio	Lower	Upper
276	100		
138	16.4	17.9	26.9#
277	26.1	19.7	29.5

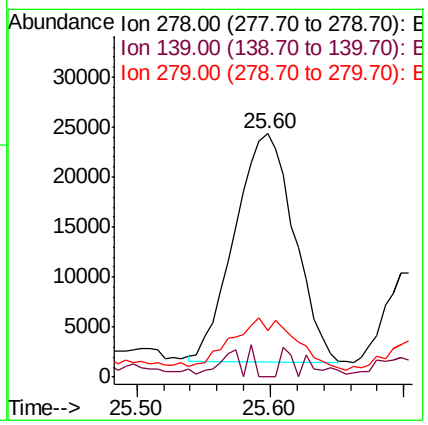


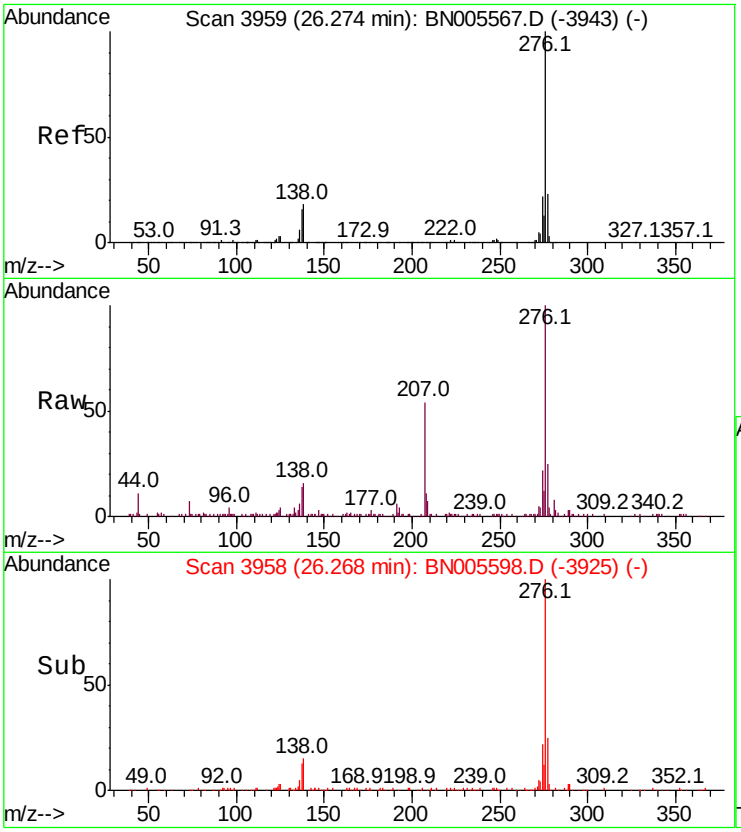


#92
Dibenzo(a,h)anthracene
Concen: 1.415 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.02 min
Lab File: BN005598.D
Acq: 10 May 2019 20:49

Tgt Ion:278 Resp: 70818

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.1	19.7#
279	19.0	19.4	29.0#





#93
Benzo(g,h,i)perylene
Concen: 4.772 ng/ul
RT: 26.27 min Scan# 3958
Delta R.T. -0.01 min
Lab File: BN005598.D
Acq: 10 May 2019 20:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 232760

Ion	Ratio	Lower	Upper
276	100		
138	15.8	16.7	25.1#
277	25.2	18.2	27.2