Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 10 23:11:47 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	182605	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	744373	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	451601	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	990978	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1021476	20.00	ng/ul	-0.01
85) Perylene-d12	23.40	264	1052173	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	16365	4.33	ng/uL	-0.01
5) Phenol-d5	6.76	99	372801	25.99	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	228732	25.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	320851	29.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	248696	22.18	ng/ul	-0.01
19) Nitrobenzene-d5	8.72	128	177642	38.77	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.44	143	199734	43.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	342320	32.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	582405	53.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	1121397	34.21	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1406330	34.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	134840	26.05	ng/ul	0.00
57) Fluorene-d10	15.22	176	990511	36.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	131008	29.39	ng/ul	0.00
70) Anthracene-d10	17.07	188	1569520	37.78	ng/ul	0.00
78) Pyrene-d10	19.39	212	1847729	35.36	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1771405	38.52	ng/ul	-0.01
Target Compounds						Qvalue
4) Benzaldehyde	6.75	77	20290	1.996	ng/ul#	1
14) Acetophenone	8.38	105	86548	4.824	ng/ul#	34
17) Hexachloroethane	8.67	117	79291	16.092	ng/ul#	6
21) Isophorone	9.28	82	58496	2.343	ng/ul#	1
23) 2-Nitrophenol	9.49	139	5769	1.096	ng/ul#	14
28) Naphthalene	10.40	128	7074511	204.438	ng/ul	99
32) Caprolactam	11.27	113	17846	5.613	ng/ul#	1
34) 2-Methylnaphthalene	12.03	142	7226735	285.214	ng/ul	100
40) 1,1'-Biphenyl	13.05	154	456150	13.556	ng/ul	98
44) Dimethylphthalate	13.68	163	189874	5.813	ng/ul#	97
47) Acenaphthylene	13.94	152	234488	5.926	ng/ul#	71
49) Acenaphthene	14.28	153	792278	29.329	ng/ul	100
53) Dibenzofuran	14.62	168	235297	6.050	ng/ul#	82
54) 2,4-Dinitrotoluene	14.59	165	9874	1.214	ng/ul#	42
58) Fluorene	15.27	166	700592	23.085	ng/ul#	96
64) N-Nitrosodiphenylamine	15.49	169	107805	3.975	ng/ul#	84
69) Phenanthrene	17.02	178	2988936	61.931	ng/ul	99
71) Anthracene	17.11	178	509020	10.353	ng/ul	99
76) Fluoranthene	19.05	202	477516	8.920	ng/ul	95
79) Pyrene	19.42	202	749703	11.399	ng/ul#	93
82) Benzo(a)anthracene	21.19	228	322886	5.081	ng/ul#	89
84) Chrysene	21.19	228	322886	5.475	ng/ul	93
87) Benzo(b)fluoranthene	22.76	252	237448	4.015	ng/ul#	96

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
Sample : K2604-12ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 10 23:11:47 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)
88) Benzo(k)fluoranthene	22.76	252	237448	4.204	ng/ul#	94
90) Benzo(a)pyrene	23.22	252	114044	2.051	ng/ul	94
91) Indeno(1,2,3-cd)pyrene	25.59	276	97859	1.592	ng/ul#	93
93) Benzo(g,h,i)perylene	26.24	276	91020	1.791	ng/ul#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005597.D
Acq On : 10 May 2019 20:14
Operator : JU/SJ
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Misc :
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Instrument : BNA_N
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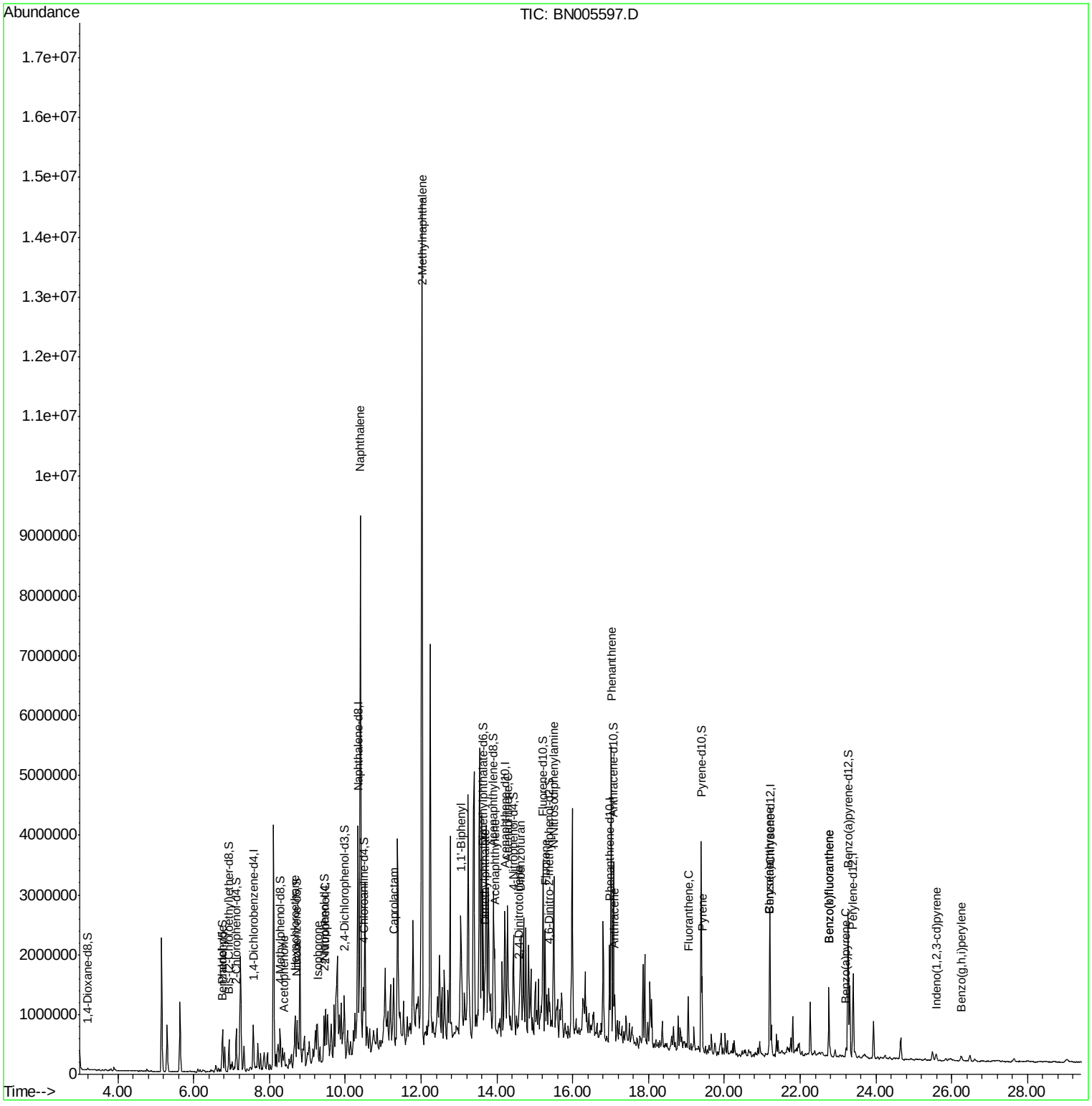
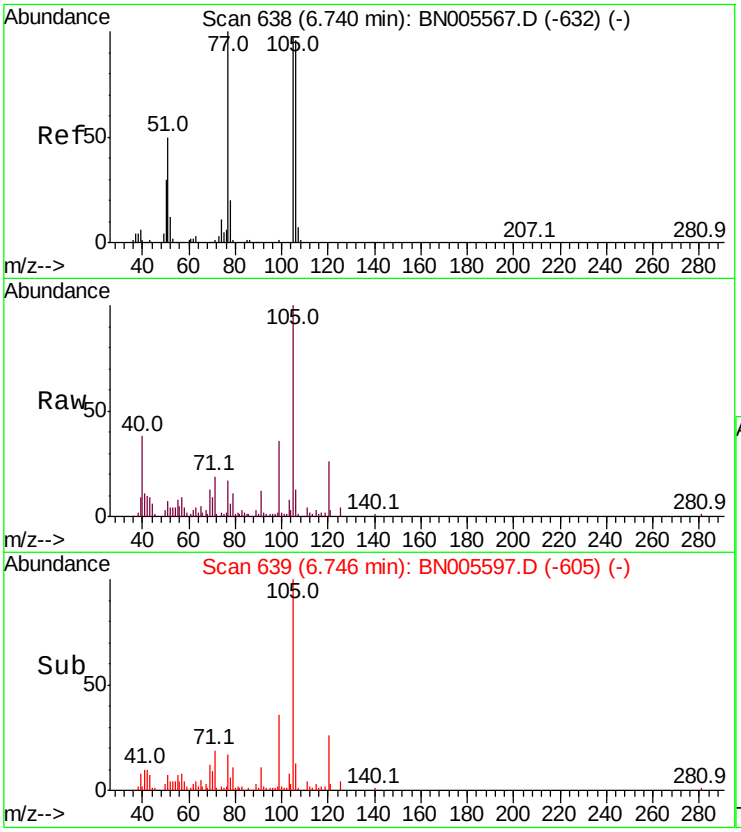
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration



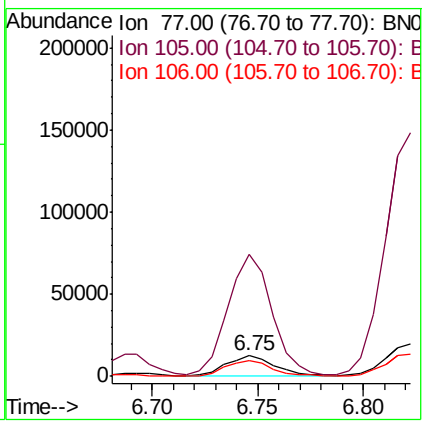


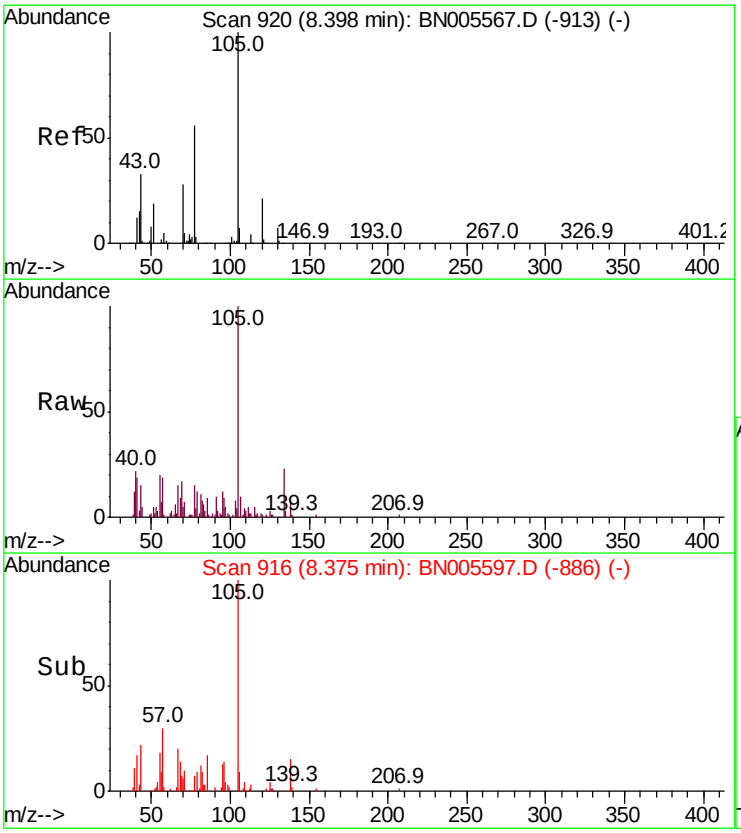
#4
Benzaldehyde
Concen: 1.996 ng/ul
RT: 6.75 min Scan# 639
Delta R.T. -0.00 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 77 Resp: 20290

Ion	Ratio	Lower	Upper
77	100		
105	590.3	77.4	116.2#
106	74.4	76.3	114.5#

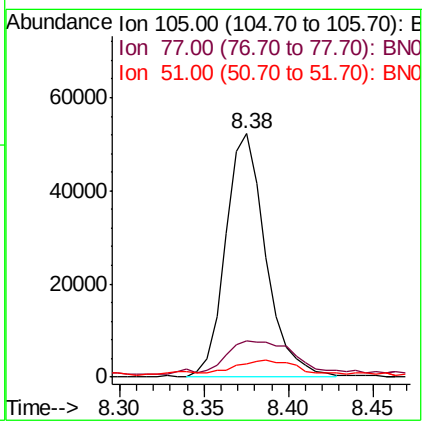


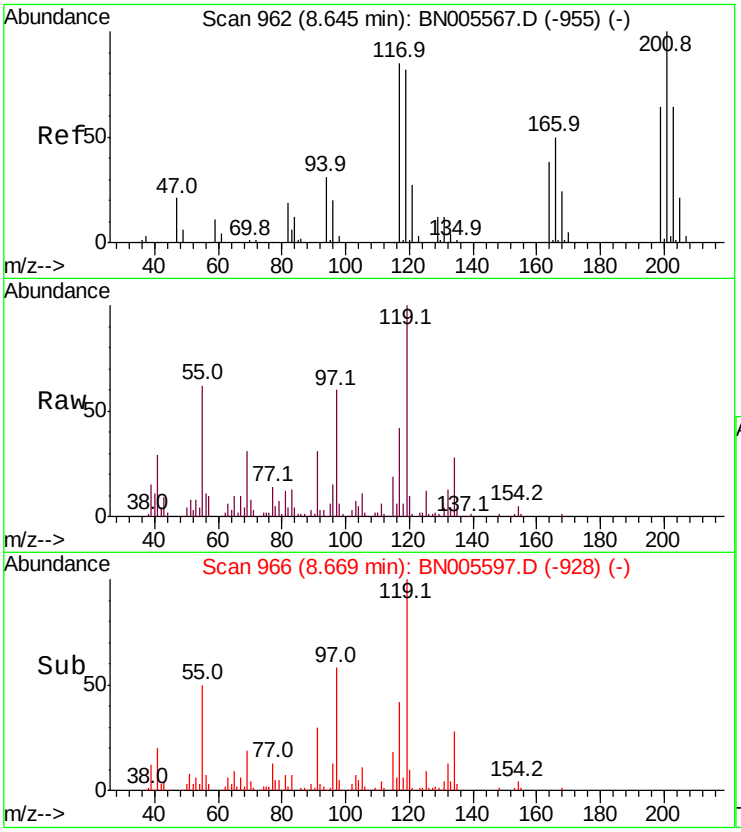


#14
Acetophenone
Concen: 4.824 ng/ul
RT: 8.38 min Scan# 916
Delta R.T. -0.02 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Tgt Ion:105 Resp: 86548

Ion	Ratio	Lower	Upper
105	100		
77	14.9	63.4	95.0#
51	5.4	24.2	36.4#



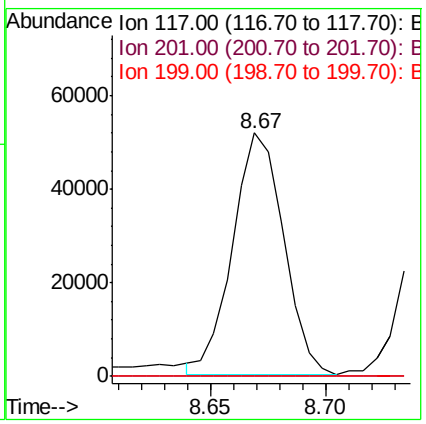


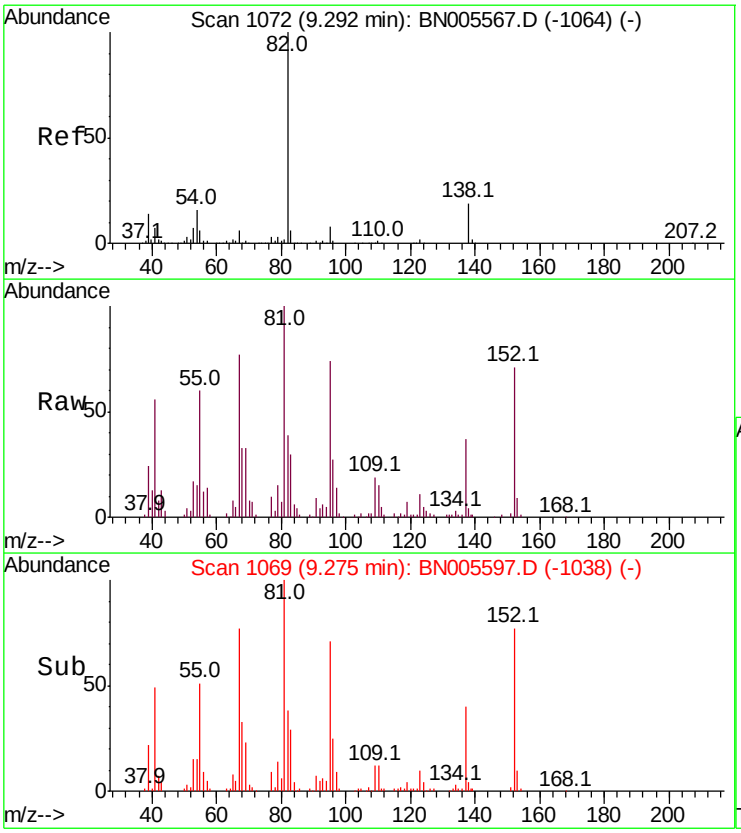
#17
Hexachloroethane
Concen: 16.092 ng/ul
RT: 8.67 min Scan# 966
Delta R.T. 0.02 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:117 Resp: 79291

Ion	Ratio	Lower	Upper
117	100		
201	0.0	84.1	126.1#
199	0.0	51.2	76.8#

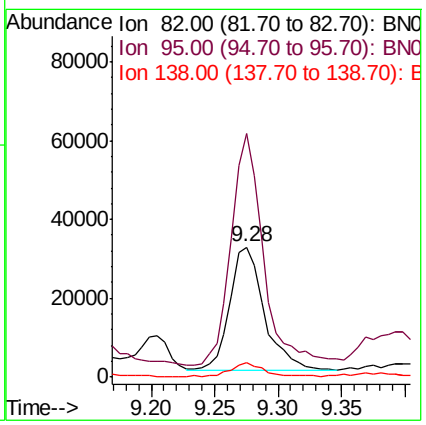


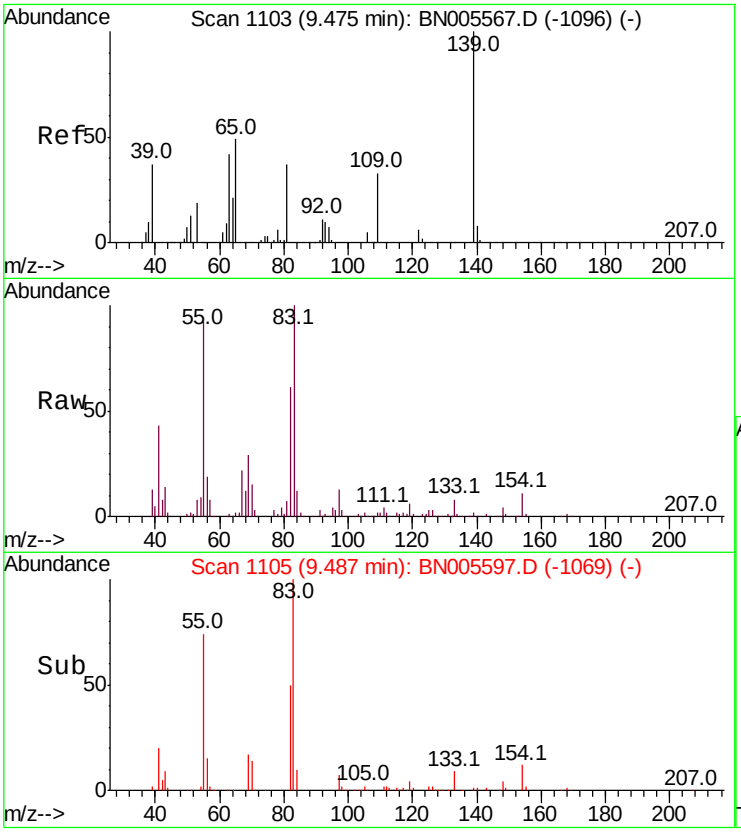


#21
Isophorone
Concen: 2.343 ng/ul
RT: 9.28 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Tgt Ion: 82 Resp: 58496

Ion	Ratio	Lower	Upper
82	100		
95	187.2	6.2	9.2#
138	10.9	13.2	19.8#



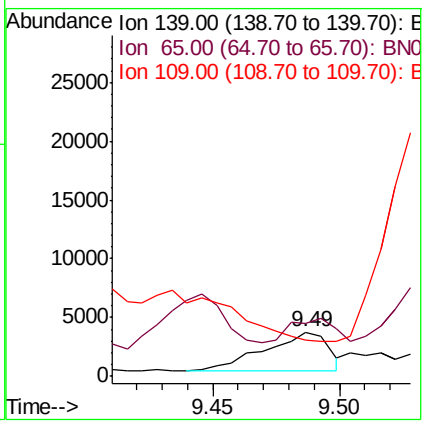


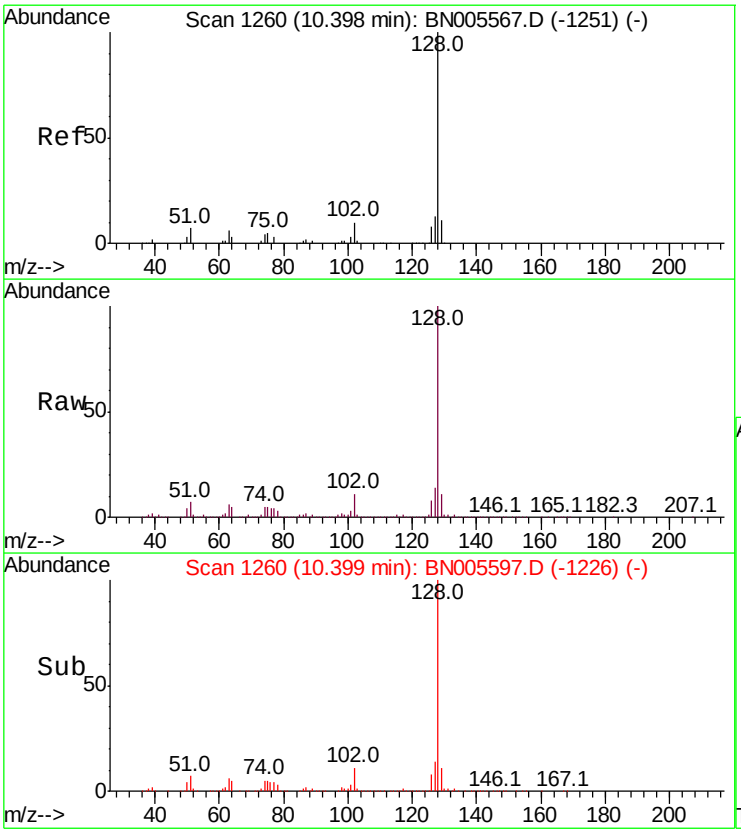
#23
2-Nitrophenol
Concen: 1.096 ng/ul
RT: 9.49 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:139 Resp: 5769

Ion	Ratio	Lower	Upper
139	100		
65	118.8	44.2	66.4#
109	80.7	26.8	40.2#

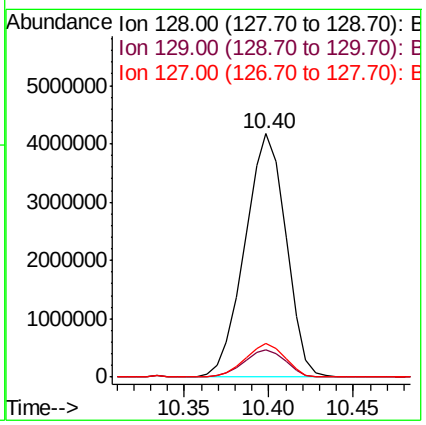


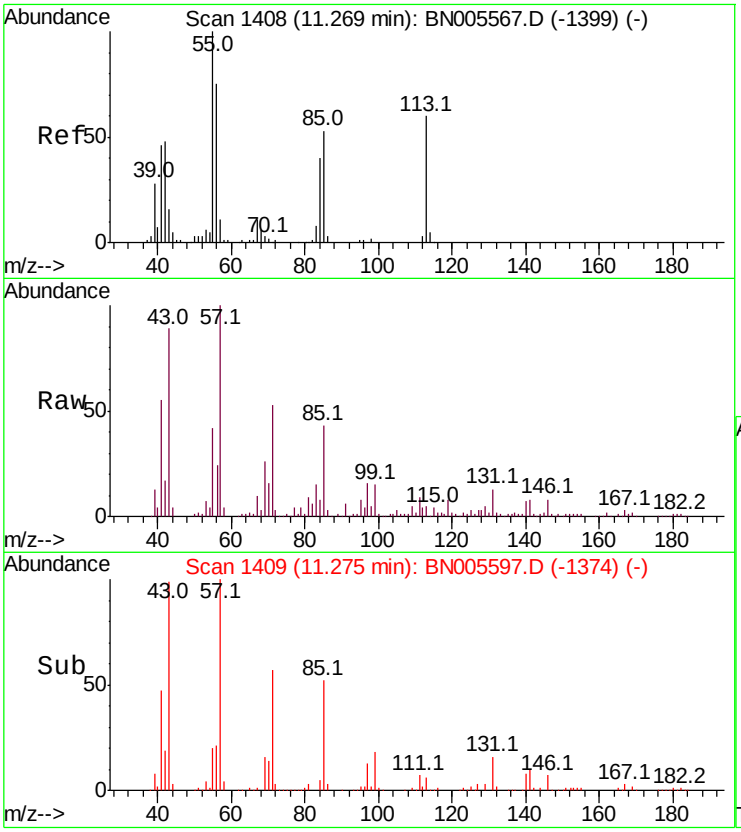


#28
Naphthalene
Concen: 204.438 ng/ul
RT: 10.40 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Tgt Ion:128 Resp: 7074511

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



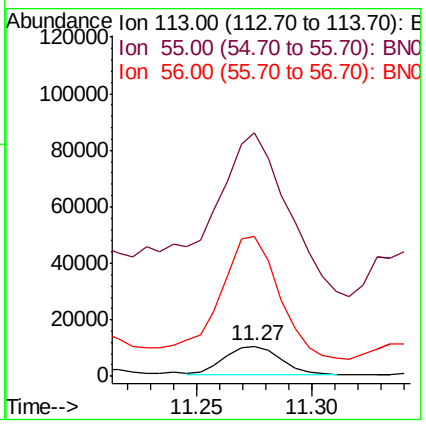


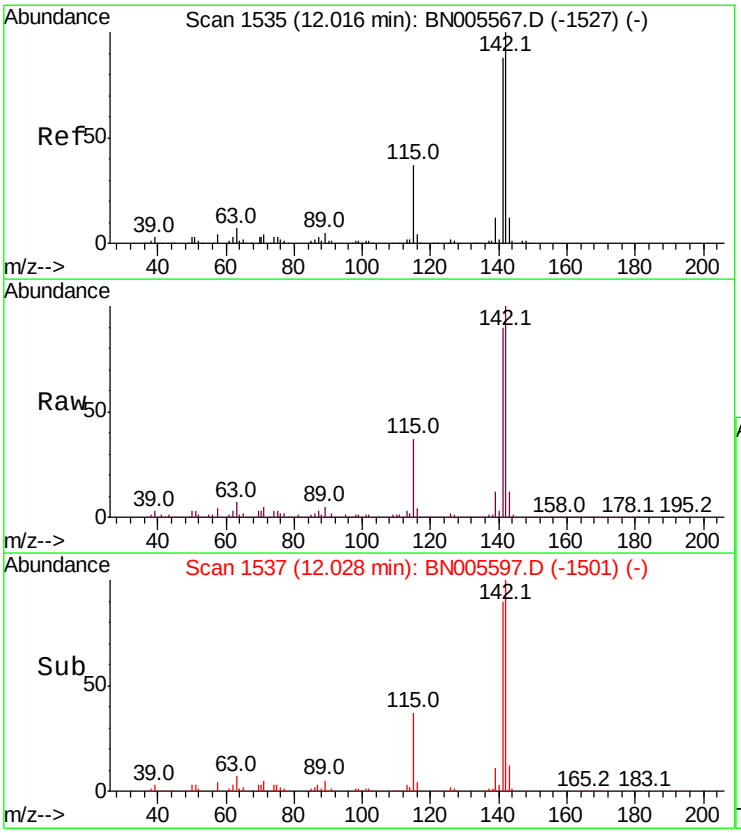
#32
Caprolactam
Concen: 5.613 ng/ul
RT: 11.27 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:113 Resp: 17846

Ion	Ratio	Lower	Upper
113	100		
55	808.5	157.0	235.4#
56	463.5	119.1	178.7#

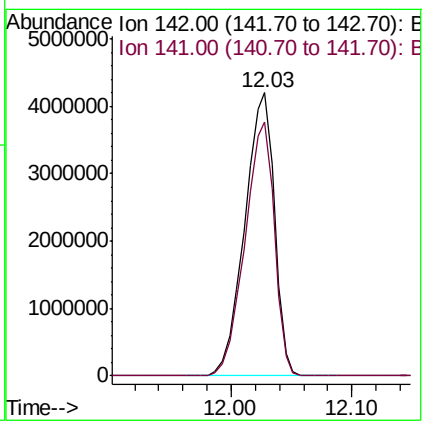


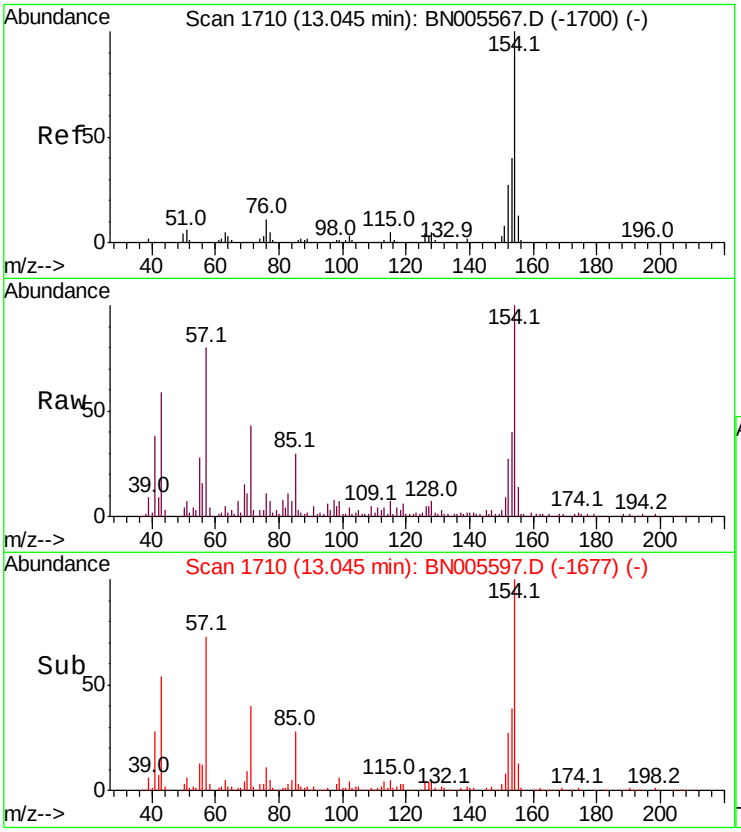


#34
2-Methylnaphthalene
Concen: 285.214 ng/ul
RT: 12.03 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Tgt Ion:142 Resp: 7226735

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.0	108.0



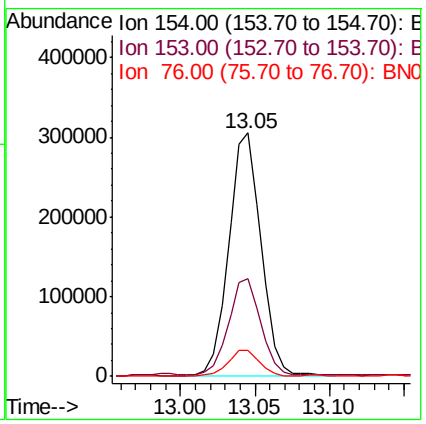


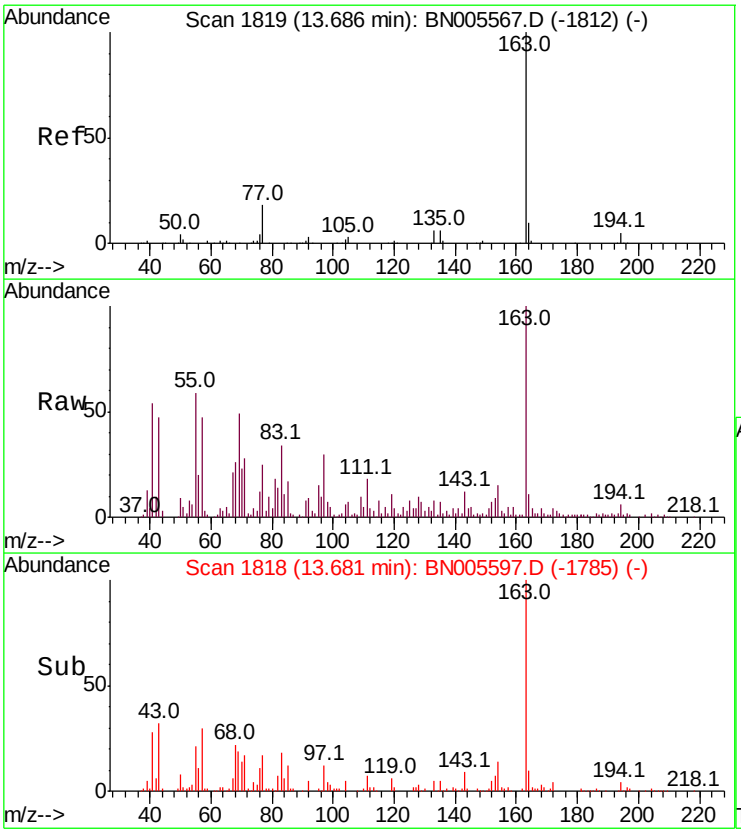
#40
1,1'-Biphenyl
Concen: 13.556 ng/ul
RT: 13.05 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 456150

Ion	Ratio	Lower	Upper
154	100		
153	40.0	32.6	49.0
76	10.9	10.4	15.6

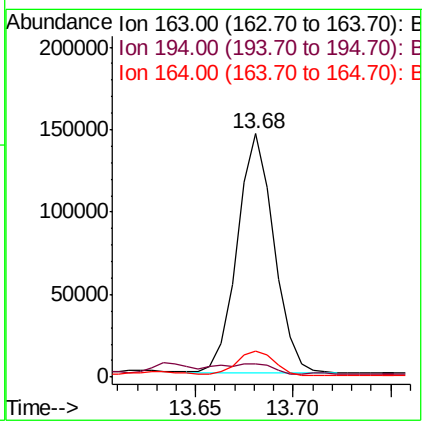


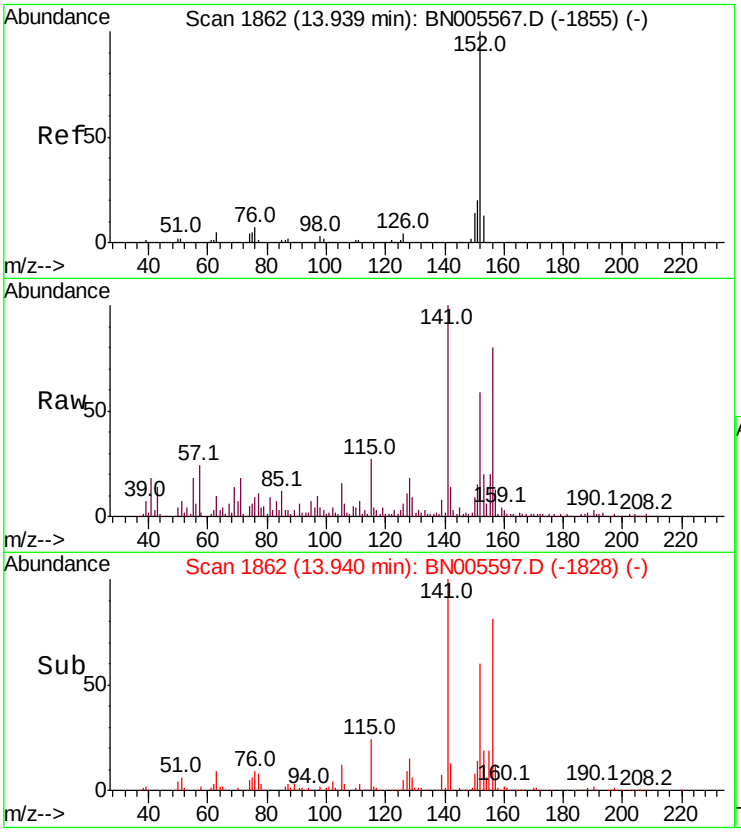


#44
Dimethylphthalate
Concen: 5.813 ng/ul
RT: 13.68 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Tgt Ion:163 Resp: 189874

Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.4	5.0#
164	10.9	8.1	12.1



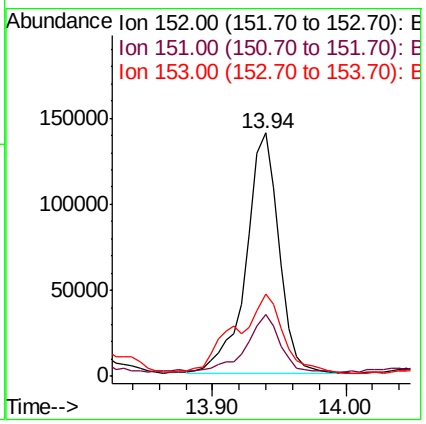


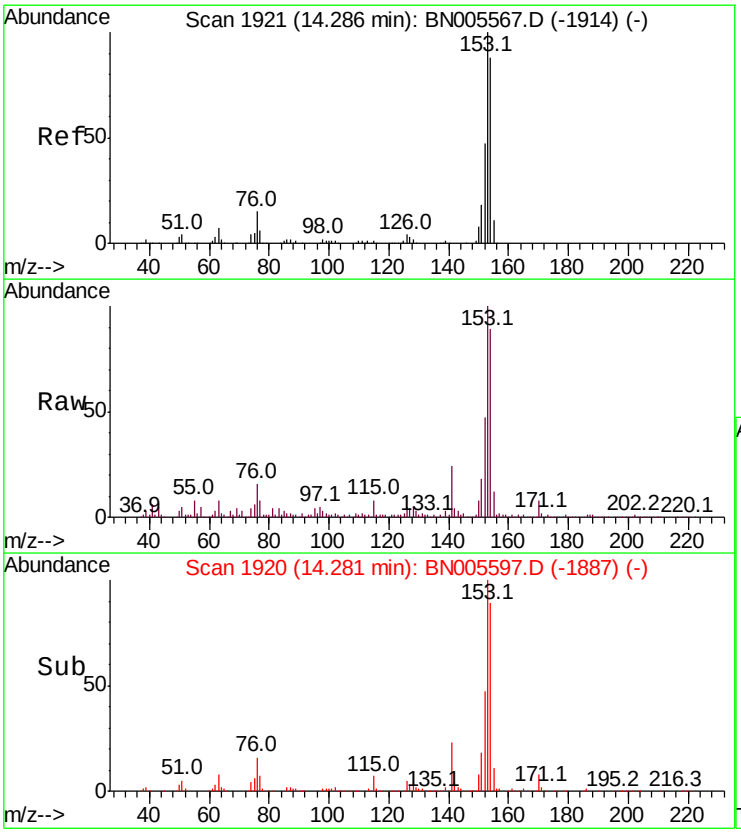
#47
Acenaphthylene
Concen: 5.926 ng/ul
RT: 13.94 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 234488

Ion	Ratio	Lower	Upper
152	100		
151	25.6	15.8	23.8#
153	33.9	9.8	14.8#

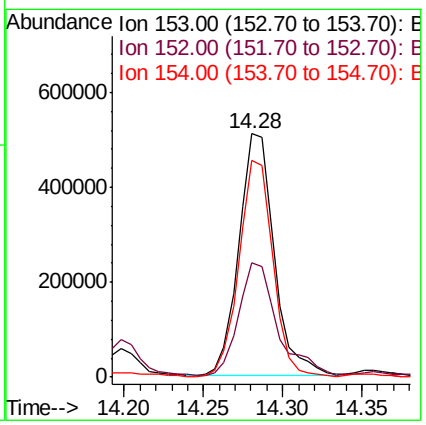


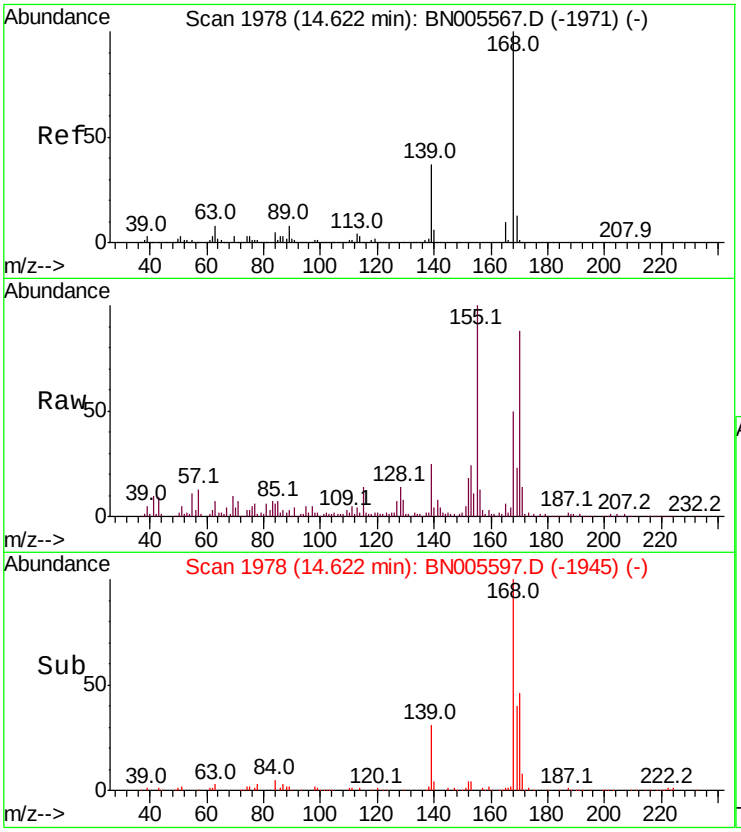


#49
Acenaphthene
Concen: 29.329 ng/ul
RT: 14.28 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Tgt Ion:153 Resp: 792278

Ion	Ratio	Lower	Upper
153	100		
152	47.1	37.4	56.0
154	89.0	71.2	106.8



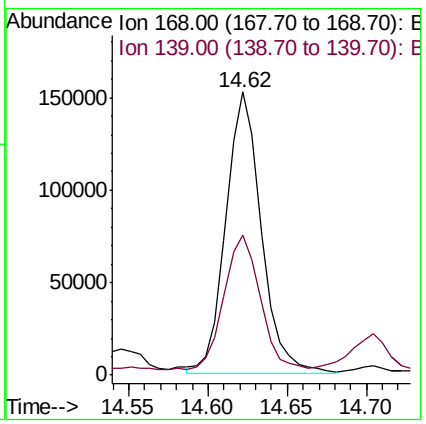


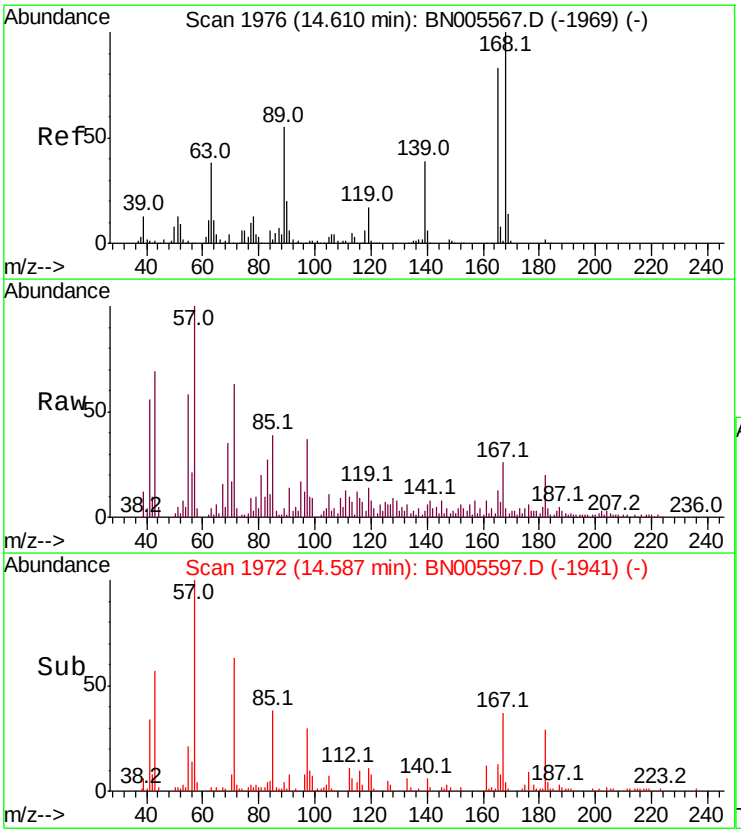
#53
Dibenzofuran
Concen: 6.050 ng/ul
RT: 14.62 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:168 Resp: 235297

Ion	Ratio	Lower	Upper
168	100		
139	49.6	30.9	46.3#

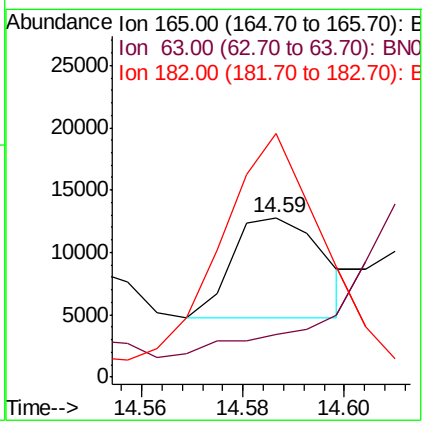


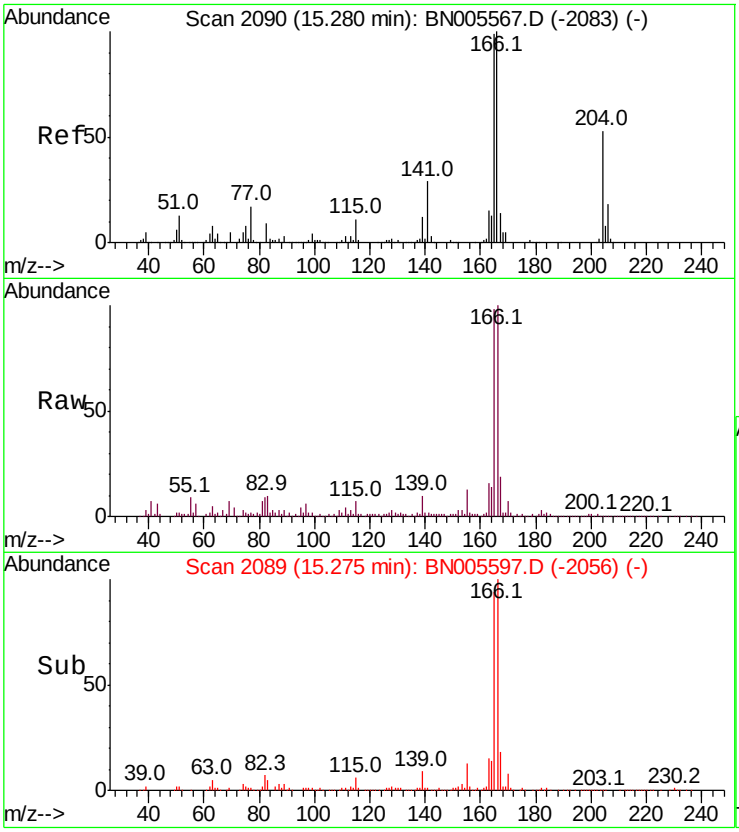


#54
2,4-Dinitrotoluene
Concen: 1.214 ng/ul
RT: 14.59 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Tgt Ion:165 Resp: 9874

Ion	Ratio	Lower	Upper
165	100		
63	26.8	38.9	58.3#
182	152.6	2.6	3.8#



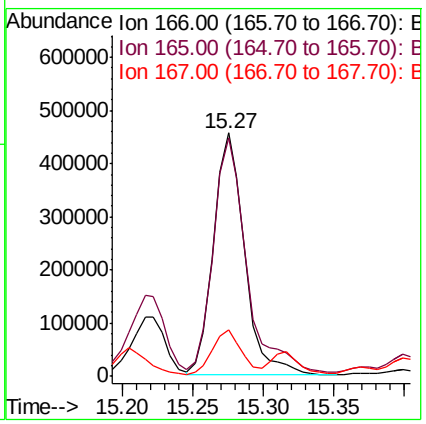


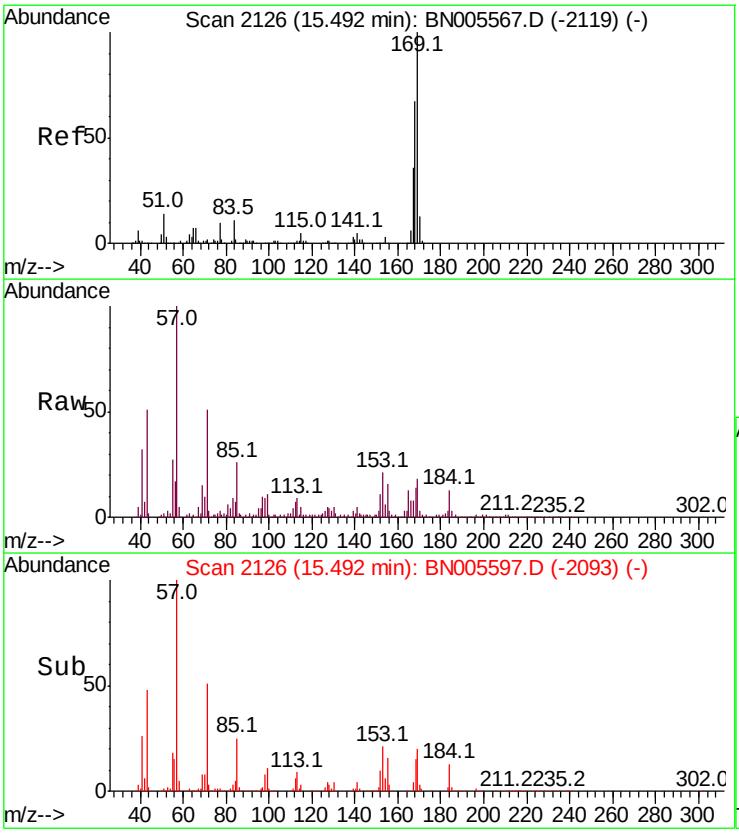
#58
Fluorene
Concen: 23.085 ng/ul
RT: 15.27 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 700592

Ion	Ratio	Lower	Upper
166	100		
165	97.8	80.0	120.0
167	19.4	10.7	16.1#

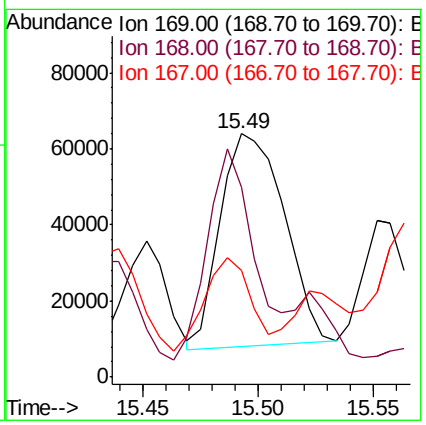


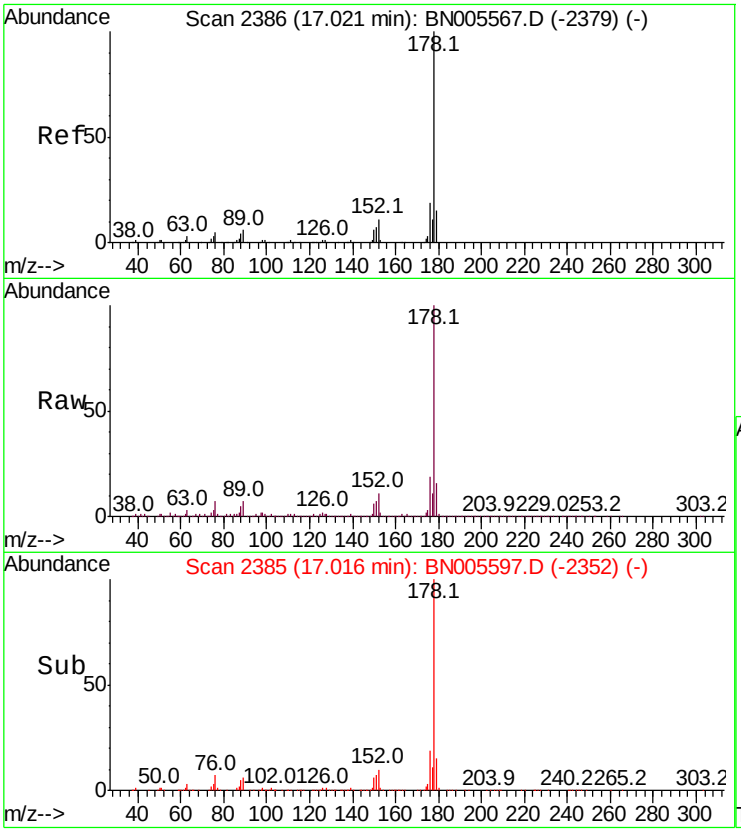


#64
N-Nitrosodiphenylamine
Concen: 3.975 ng/ul
RT: 15.49 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Tgt Ion:169 Resp: 107805

Ion	Ratio	Lower	Upper
169	100		
168	78.0	52.2	78.2
167	43.9	27.7	41.5#



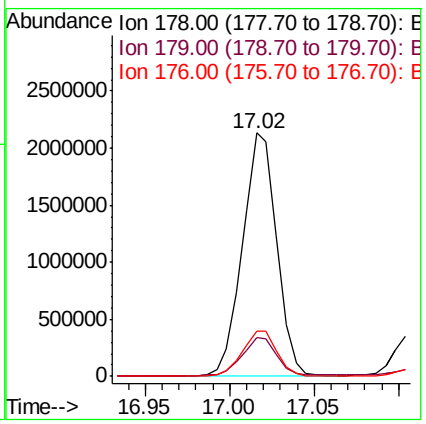


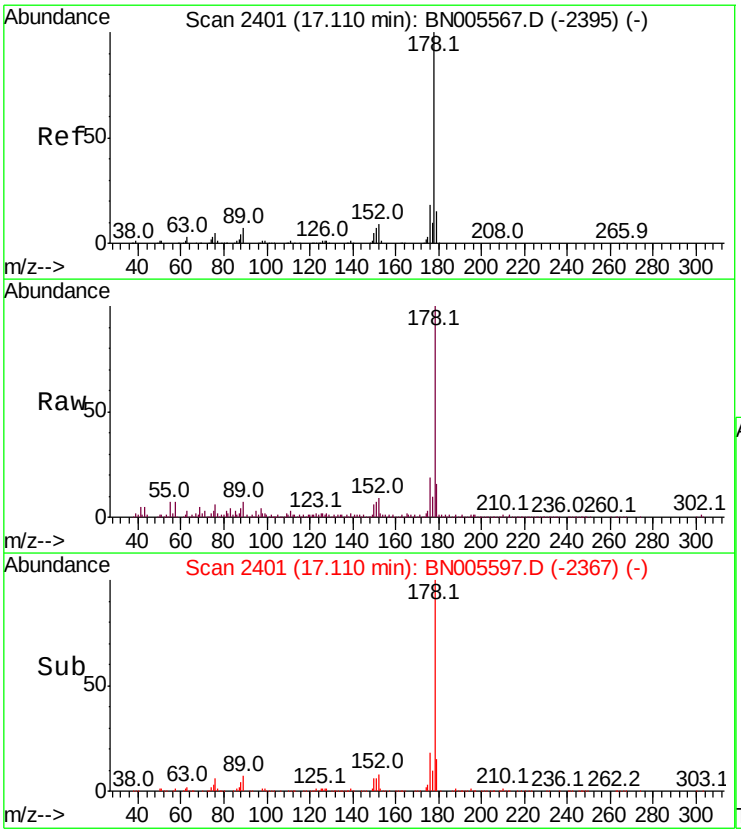
#69
Phenanthrene
Concen: 61.931 ng/ul
RT: 17.02 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 2988936

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	18.8	15.1	22.7

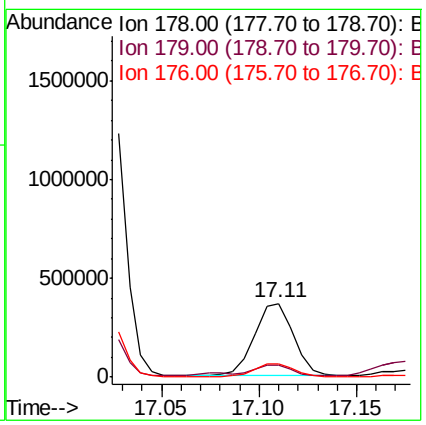


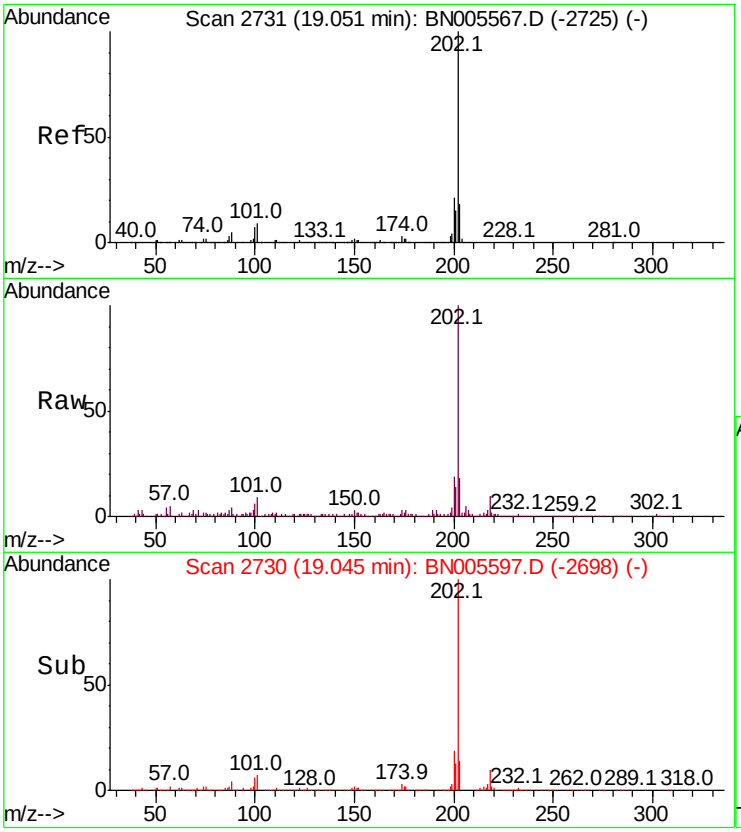


#71
Anthracene
Concen: 10.353 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Tgt Ion:178 Resp: 509020

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.3	18.5
176	18.6	15.1	22.7



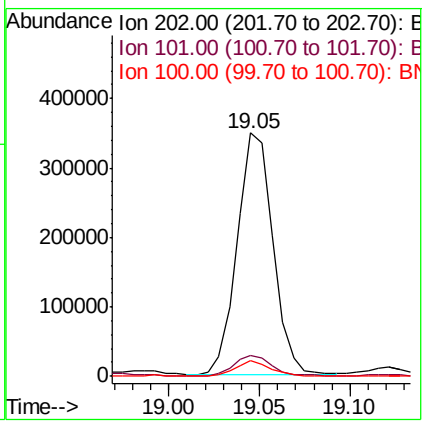


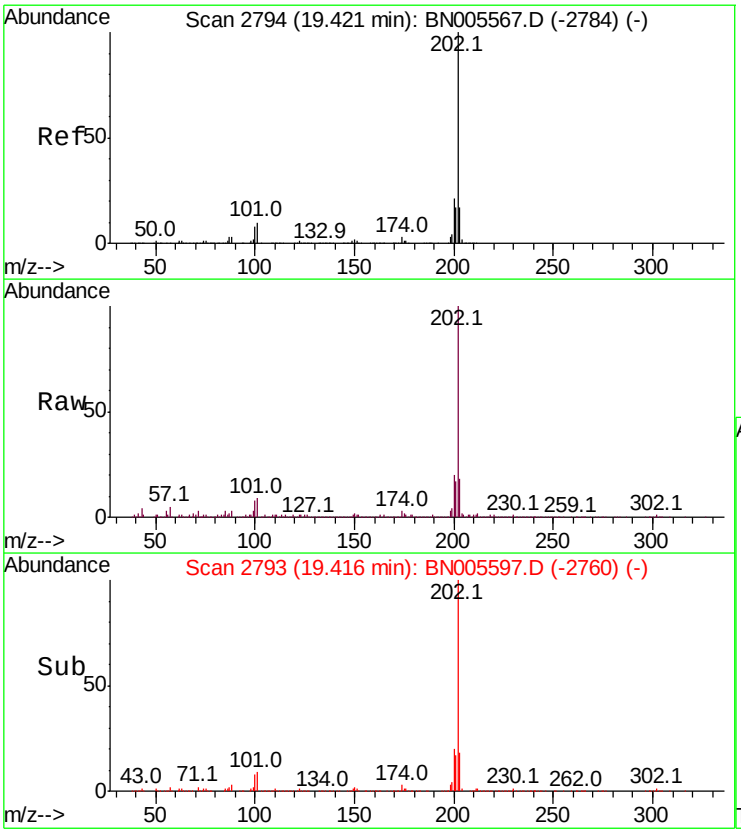
#76
Fluoranthene
Concen: 8.920 ng/ul
RT: 19.05 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 477516

Ion	Ratio	Lower	Upper
202	100		
101	8.8	8.6	12.8
100	6.5	6.3	9.5

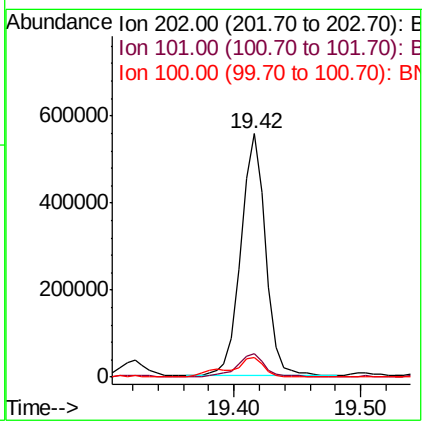


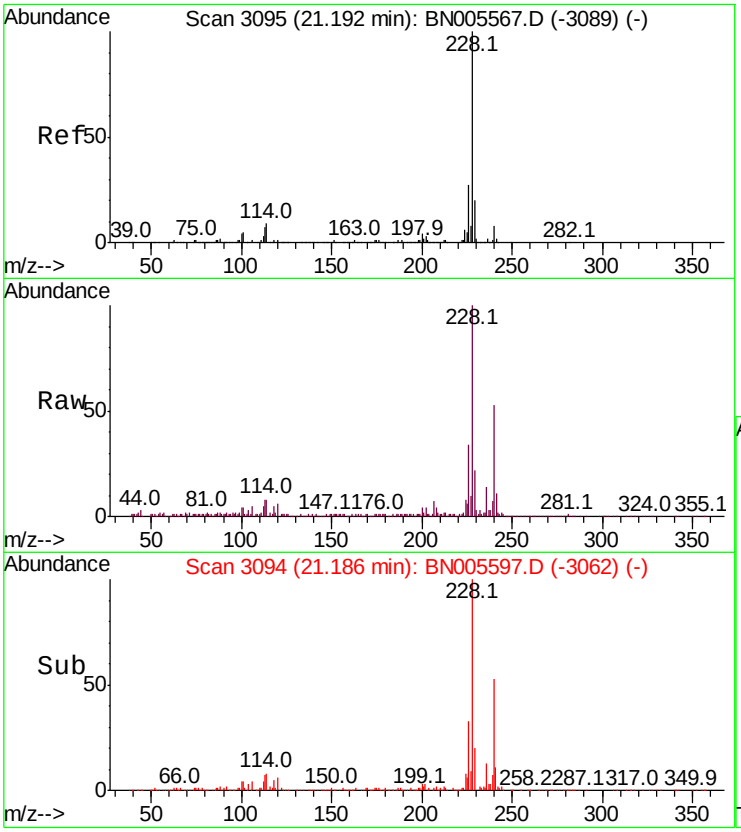


#79
Pyrene
Concen: 11.399 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Tgt Ion:202 Resp: 749703

Ion	Ratio	Lower	Upper
202	100		
101	9.5	10.3	15.5#
100	7.9	7.9	11.9



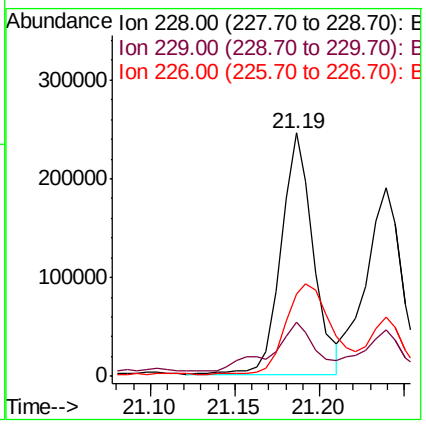


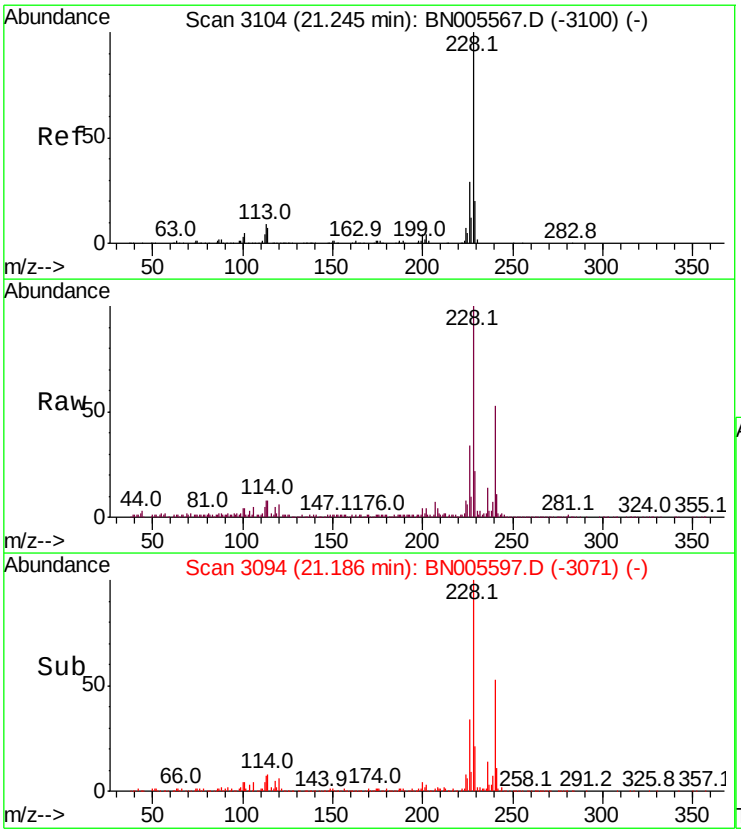
#82
Benzo(a)anthracene
Concen: 5.081 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 322886

Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.8	23.6
226	34.1	21.4	32.2#

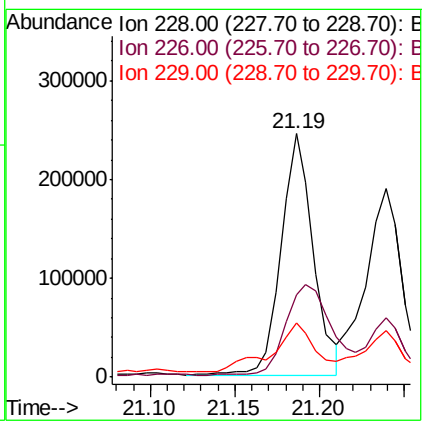


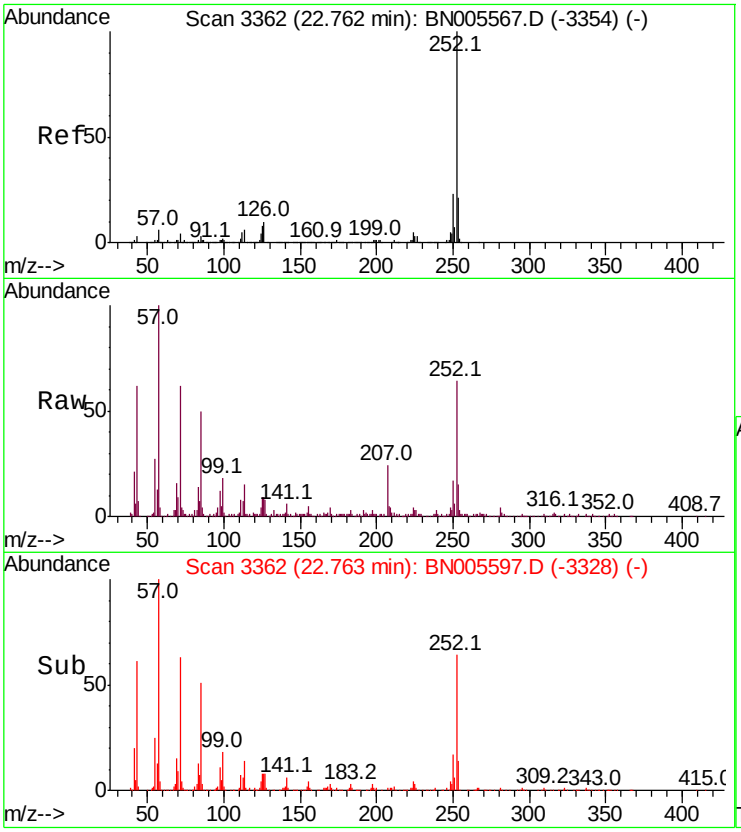


#84
Chrysene
Concen: 5.475 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.06 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Tgt Ion:228 Resp: 322886

Ion	Ratio	Lower	Upper
228	100		
226	34.1	24.0	36.0
229	22.4	15.4	23.0



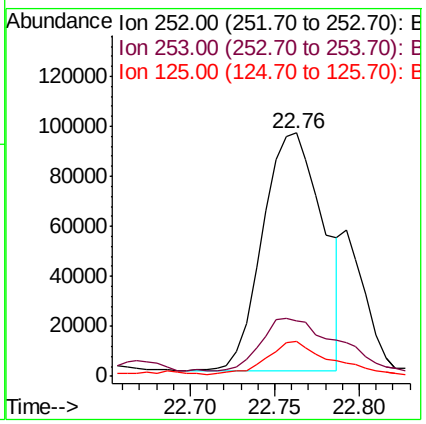


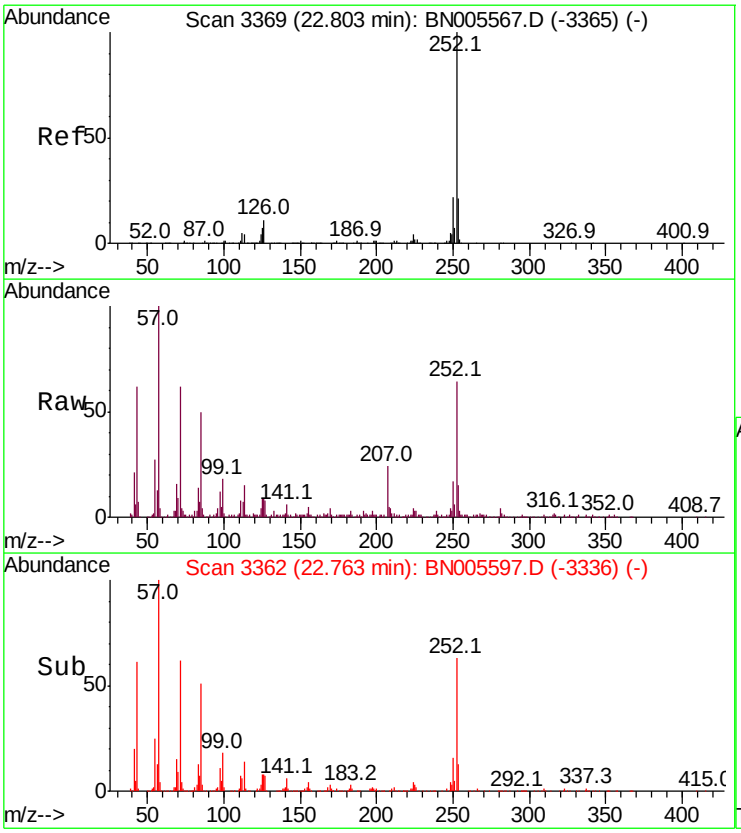
#87
Benzo(b)fluoranthene
Concen: 4.015 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.00 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 237448

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	14.2	8.4	12.6#

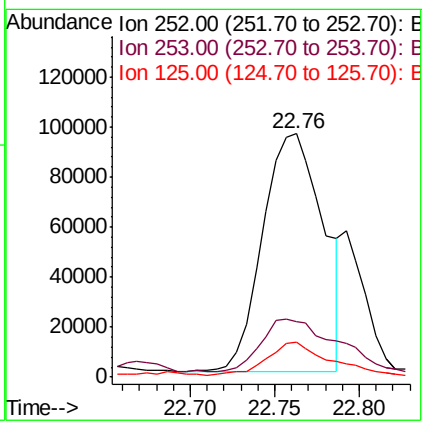


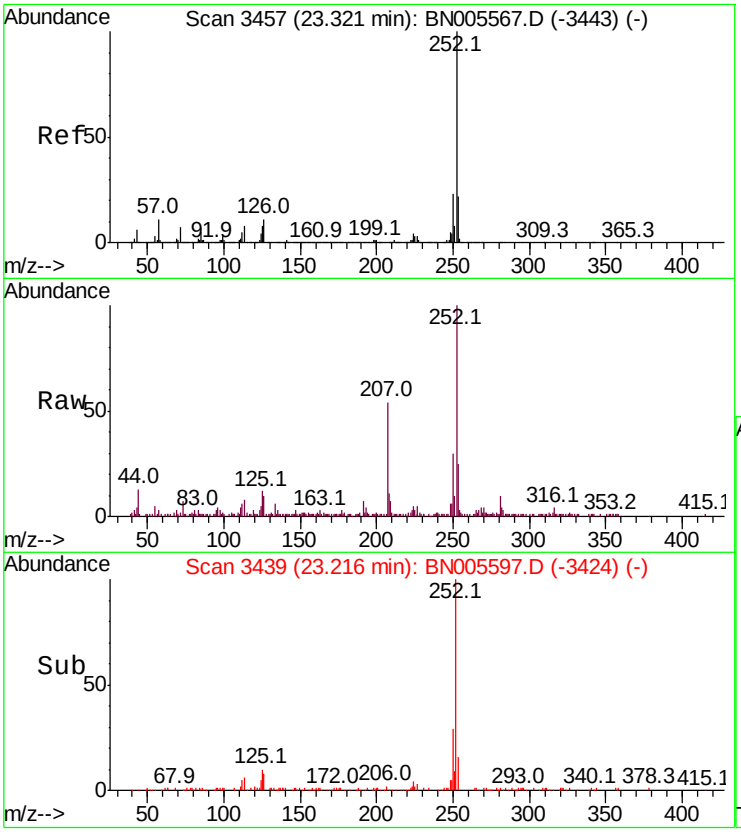


#88
Benzo(k)fluoranthene
Concen: 4.204 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.05 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Tgt Ion:252 Resp: 237448

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	14.2	7.5	11.3#



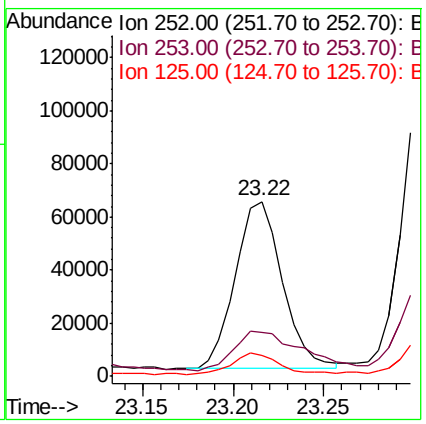


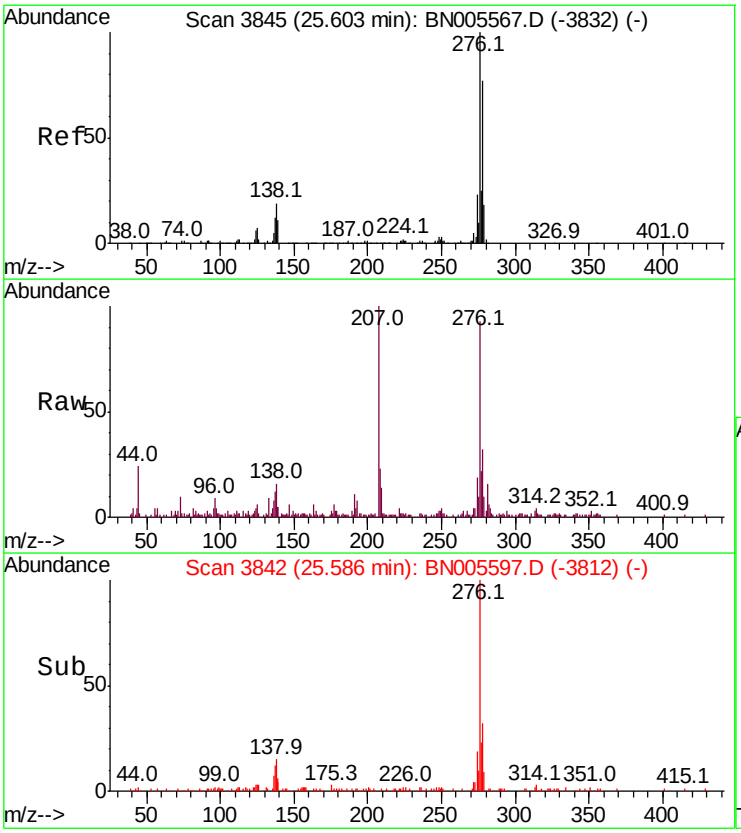
#90
Benzo(a)pyrene
Concen: 2.051 ng/ul
RT: 23.22 min Scan# 3439
Delta R.T. -0.11 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 114044

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.3	25.9
125	11.7	8.6	13.0

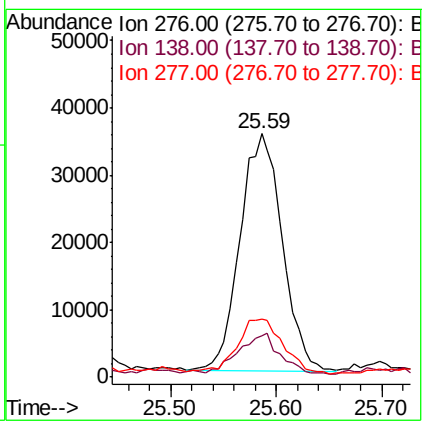


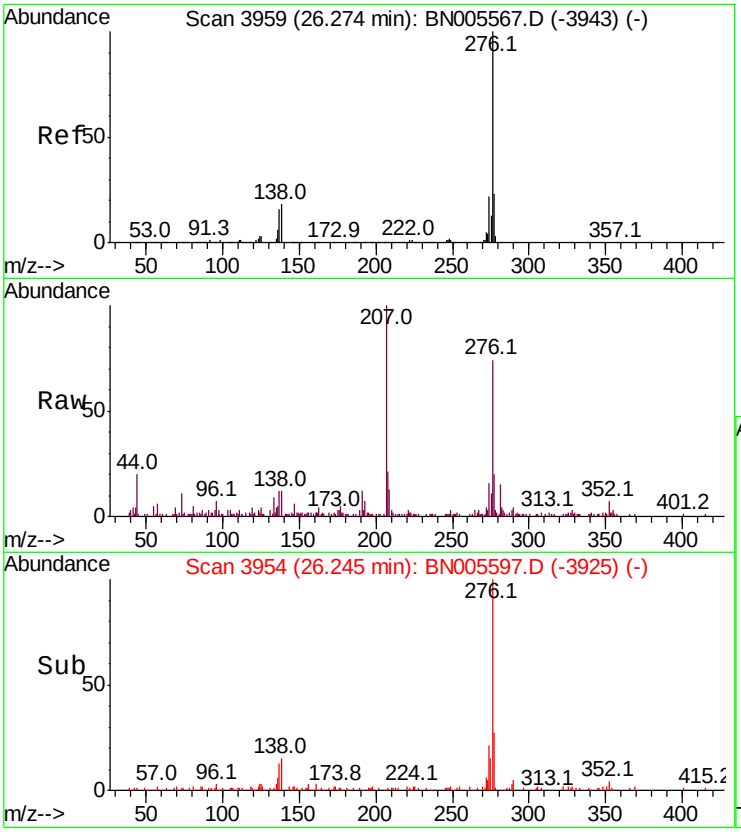


#91
Indeno(1,2,3-cd)pyrene
Concen: 1.592 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. -0.02 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Tgt Ion:276 Resp: 97859

Ion	Ratio	Lower	Upper
276	100		
138	16.8	17.9	26.9#
277	23.6	19.7	29.5





#93
Benzo(g,h,i)perylene
Concen: 1.791 ng/ul
RT: 26.24 min Scan# 3954
Delta R.T. -0.03 min
Lab File: BN005597.D
Acq: 10 May 2019 20:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 91020

Ion	Ratio	Lower	Upper
276	100		
138	16.4	16.7	25.1#
277	27.5	18.2	27.2#