Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005991.D
Acq On : 31 May 2019 21:46
Operator : JU/SJ
Sample : K2928-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42C4

Quant Time: Jun 01 01:54:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	545539	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	2169522	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	1023494	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1821760	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	1372791	20.00	ng/ul	0.00
85) Perylene-d12	23.68	264	1679694	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	41777	3.37	ng/uL	0.01
5) Phenol-d5	6.92	99	768277	15.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	488223	17.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	648949	17.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	594484	15.23	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	320745	23.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	330423	25.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	570051	18.62	ng/ul	0.01
29) 4-Chloroaniline-d4	10.68	131	209488	5.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1557393	20.64	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1827499	19.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	161008	11.73	ng/ul	0.00
57) Fluorene-d10	15.40	176	1169191	18.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	25170	3.39	ng/ul	0.00
70) Anthracene-d10	17.26	188	1497647	19.32	ng/ul	0.00
78) Pyrene-d10	19.56	212	1416295	20.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.53	264	1407780	18.78	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.59	128	251287	2.441	ng/ul	98
34) 2-Methylnaphthalene	12.21	142	115996	1.529	ng/ul	96
44) Dimethylphthalate	13.86	163	551410	7.312	ng/ul	99
49) Acenaphthene	14.47	153	265175	4.217	ng/ul	99
53) Dibenzofuran	14.80	168	222428	2.506	ng/ul	98
58) Fluorene	15.46	166	302611	4.341	ng/ul	96
69) Phenanthrene	17.21	178	3506176	38.845	ng/ul	99
71) Anthracene	17.29	178	774528	8.452	ng/ul	98
74) Carbazole	17.56	167	384112	4.653	ng/ul	99
76) Fluoranthene	19.23	202	3432850	35.626	ng/ul	97
79) Pyrene	19.59	202	2912885	33.497	ng/ul	96
82) Benzo(a)anthracene	21.36	228	1437904	16.662	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.28	149	63609	1.123	ng/ul#	95
84) Chrysene	21.41	228	1448912	18.002	ng/ul	97
87) Benzo(b)fluoranthene	22.98	252	1617438	17.144	ng/ul#	95
88) Benzo(k)fluoranthene	23.02	252	592680	6.833	ng/ul#	89
90) Benzo(a)pyrene	23.57	252	1167851	13.127	ng/ul#	94
91) Indeno(1,2,3-cd)pyrene	26.00	276	778751	7.460	ng/ul	97
92) Dibenzo(a,h)anthracene	25.99	278	223987	2.577	ng/ul#	77
93) Benzo(g,h,i)perylene	26.71	276	619561	7.046	ng/ul	94

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

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Instrument :
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Quant Title : SVOA CALIBRATION
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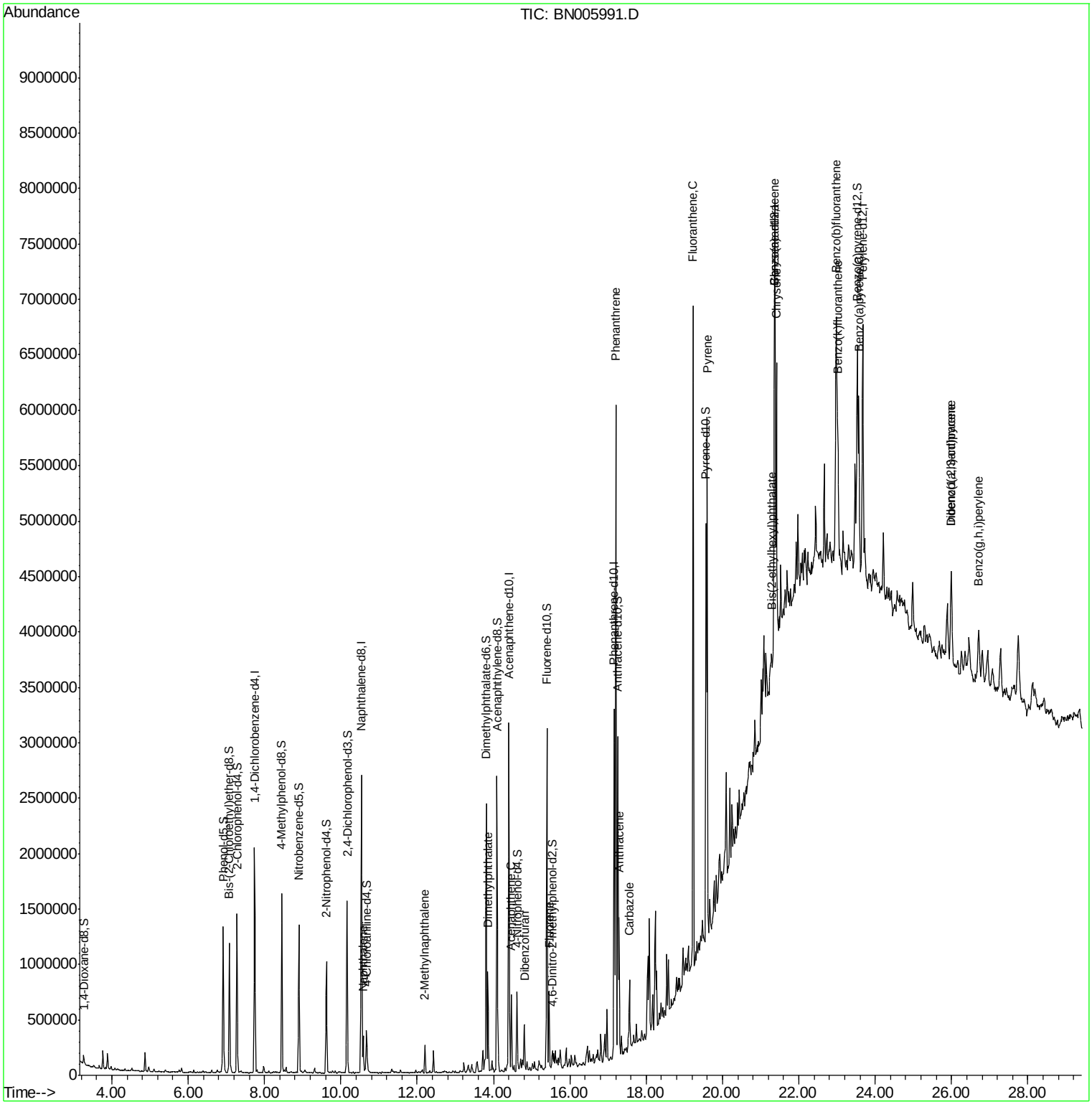
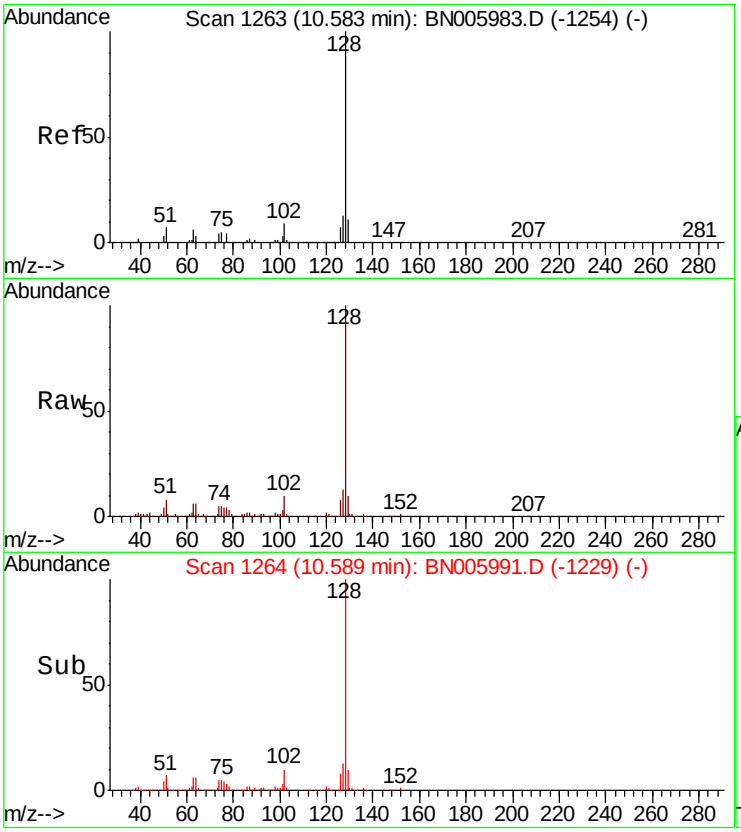


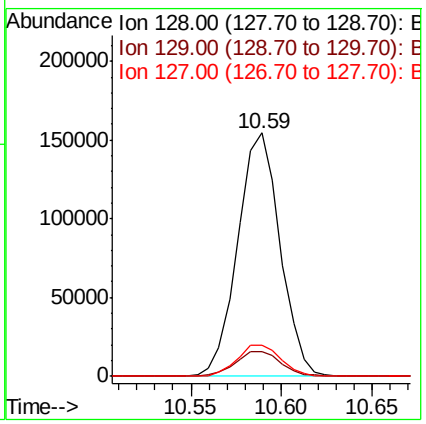


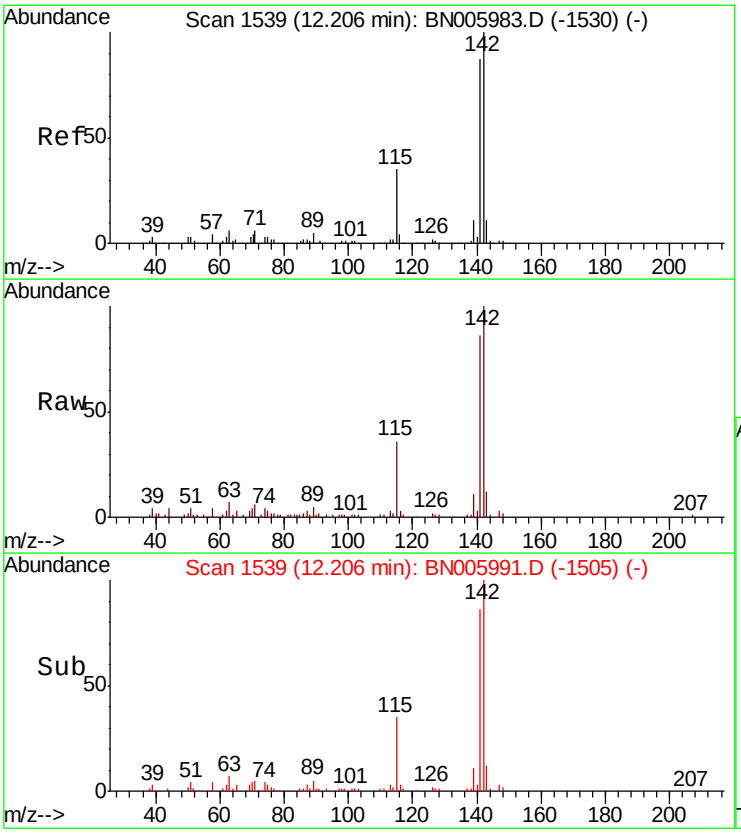
#28
Naphthalene
Concen: 2.441 ng/ul
RT: 10.59 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BN005991.D
Acq: 31 May 2019 21:46

Instrument :
BNA_N
ClientSampleId :
A42C4

Tgt Ion:128 Resp: 251287

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.2	13.8
127	12.9	10.7	16.1

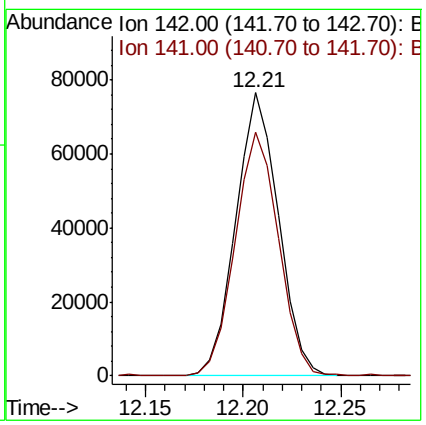


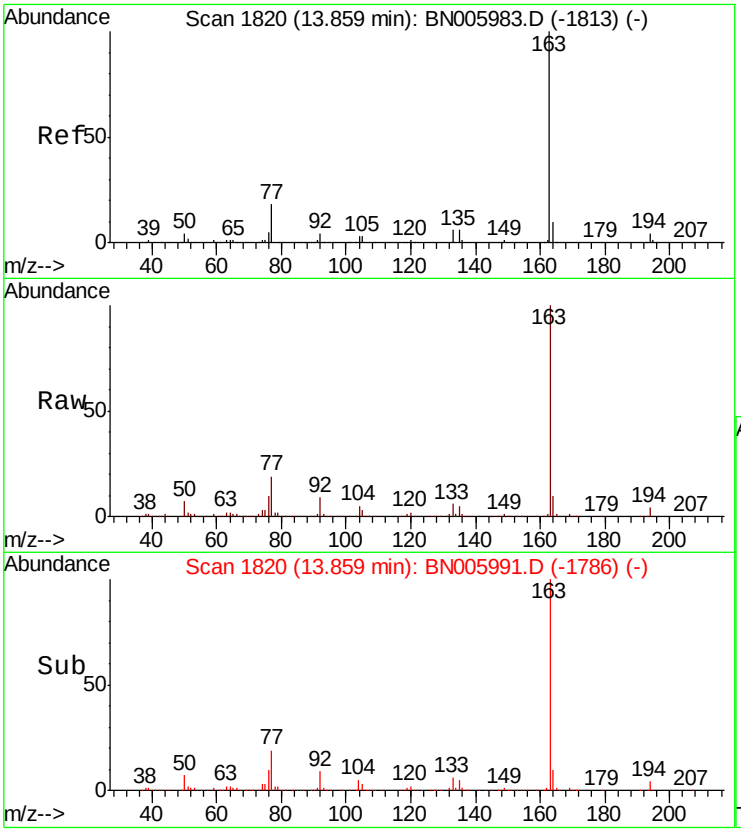


#34
2-Methylnaphthalene
Concen: 1.529 ng/ul
RT: 12.21 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BN005991.D
Acq: 31 May 2019 21:46

Tgt Ion:142 Resp: 115996

Ion	Ratio	Lower	Upper
142	100		
141	86.3	72.0	108.0



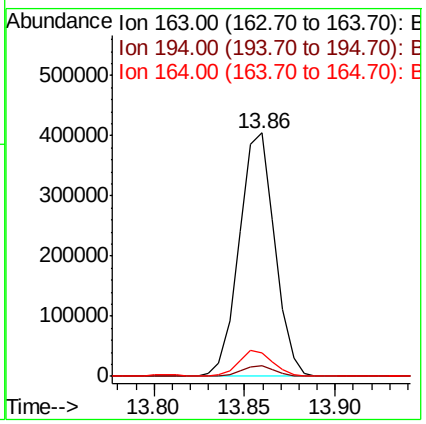


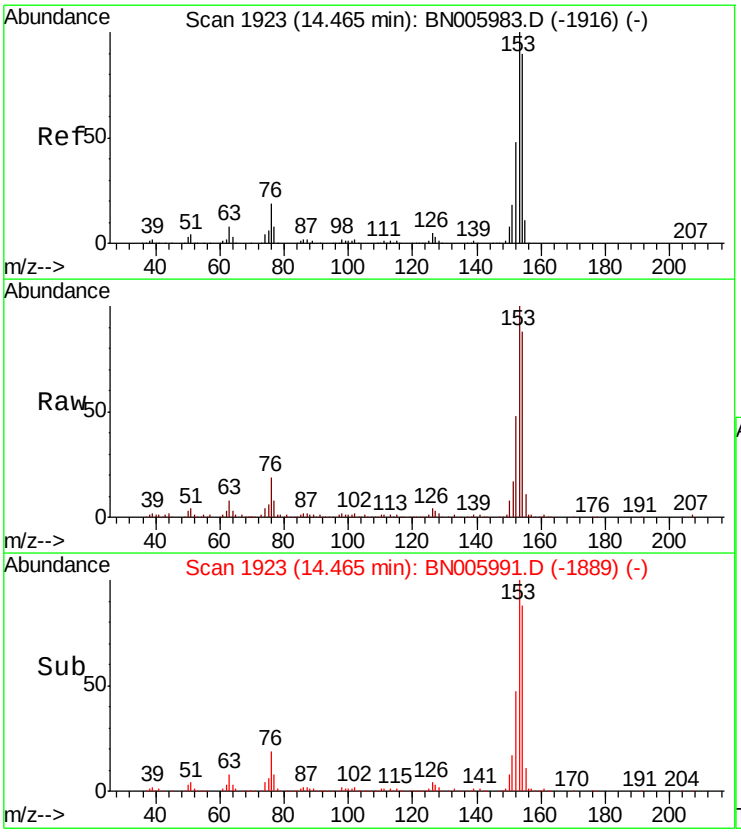
#44
Dimethylphthalate
Concen: 7.312 ng/ul
RT: 13.86 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BN005991.D
Acq: 31 May 2019 21:46

Instrument :
BNA_N
ClientSampleId :
A42C4

Tgt Ion:163 Resp: 551410

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.7	8.1	12.1

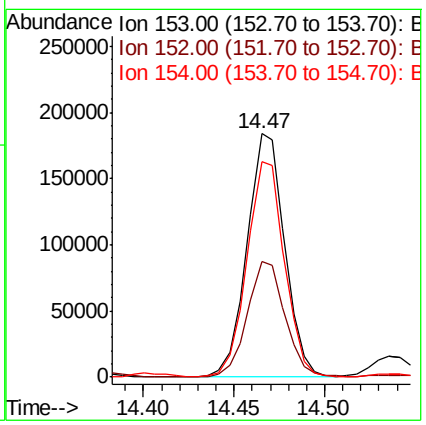


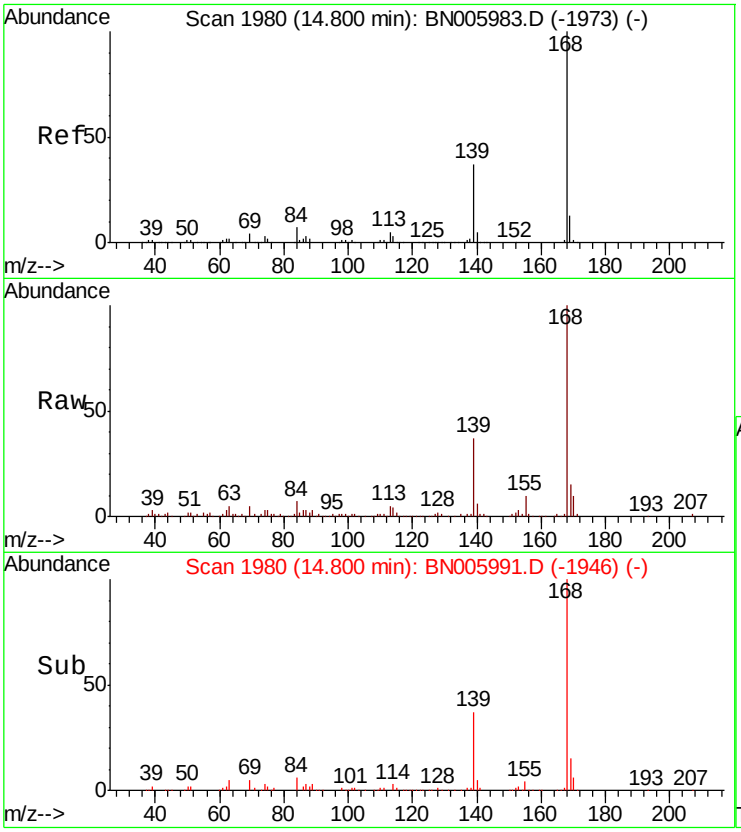


#49
Acenaphthene
Concen: 4.217 ng/ul
RT: 14.47 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BN005991.D
Acq: 31 May 2019 21:46

Tgt Ion:153 Resp: 265175

Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.4	56.0
154	88.5	71.2	106.8



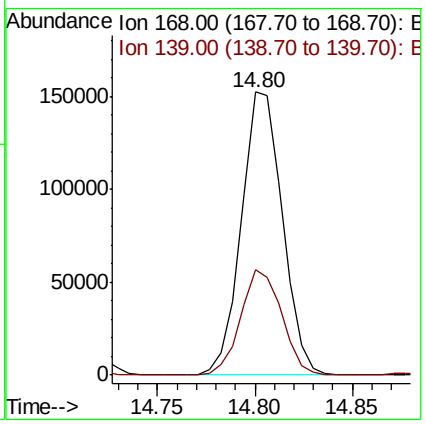


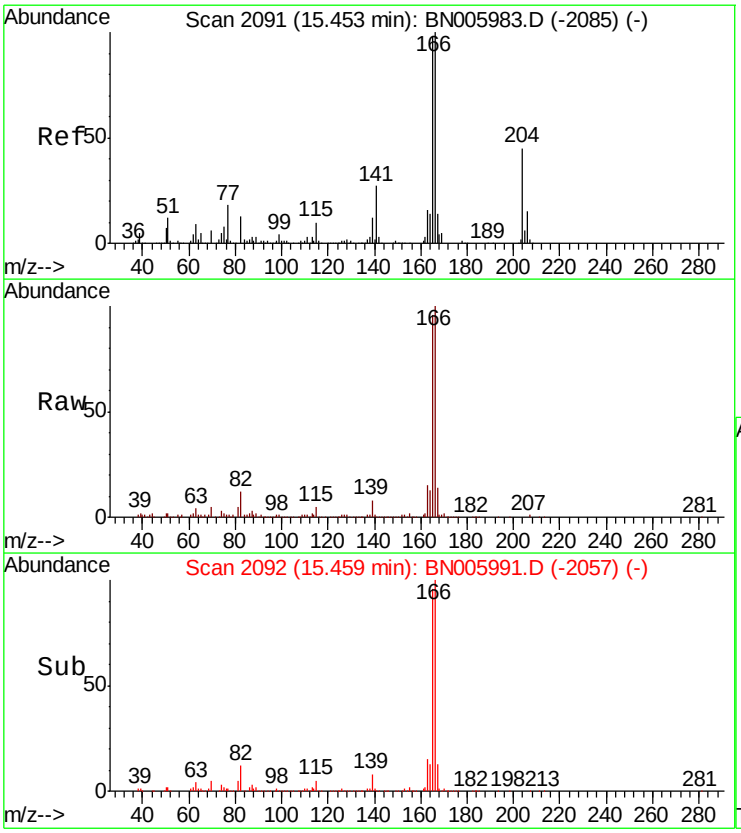
#53
Dibenzofuran
Concen: 2.506 ng/ul
RT: 14.80 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BN005991.D
Acq: 31 May 2019 21:46

Instrument :
BNA_N
ClientSampleId :
A42C4

Tgt Ion:168 Resp: 222428

Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.9	46.3

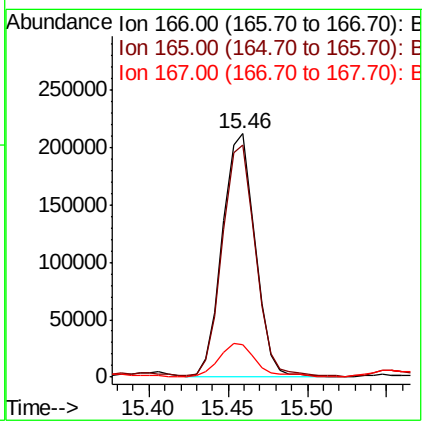


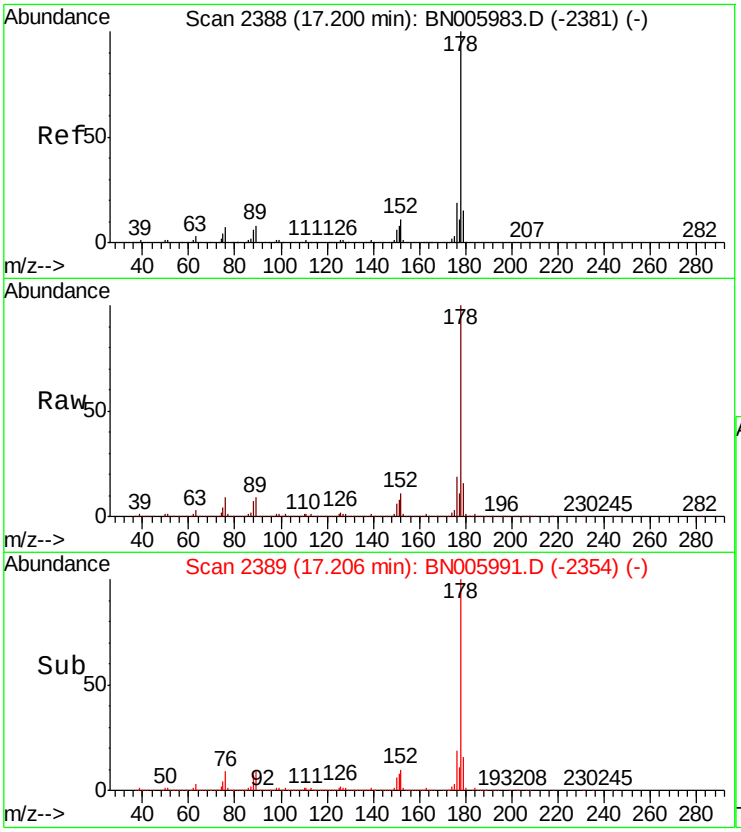


#58
Fluorene
Concen: 4.341 ng/ul
RT: 15.46 min Scan# 2092
Delta R.T. 0.01 min
Lab File: BN005991.D
Acq: 31 May 2019 21:46

Tgt Ion:166 Resp: 302611

Ion	Ratio	Lower	Upper
166	100		
165	95.6	80.0	120.0
167	13.5	10.7	16.1



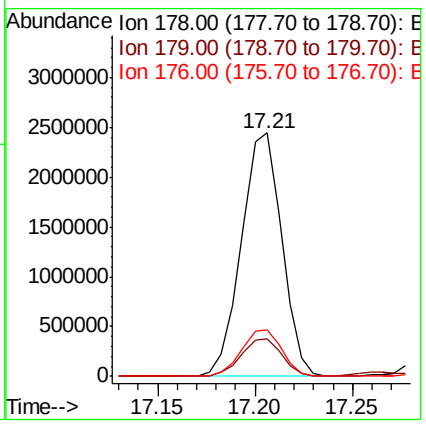


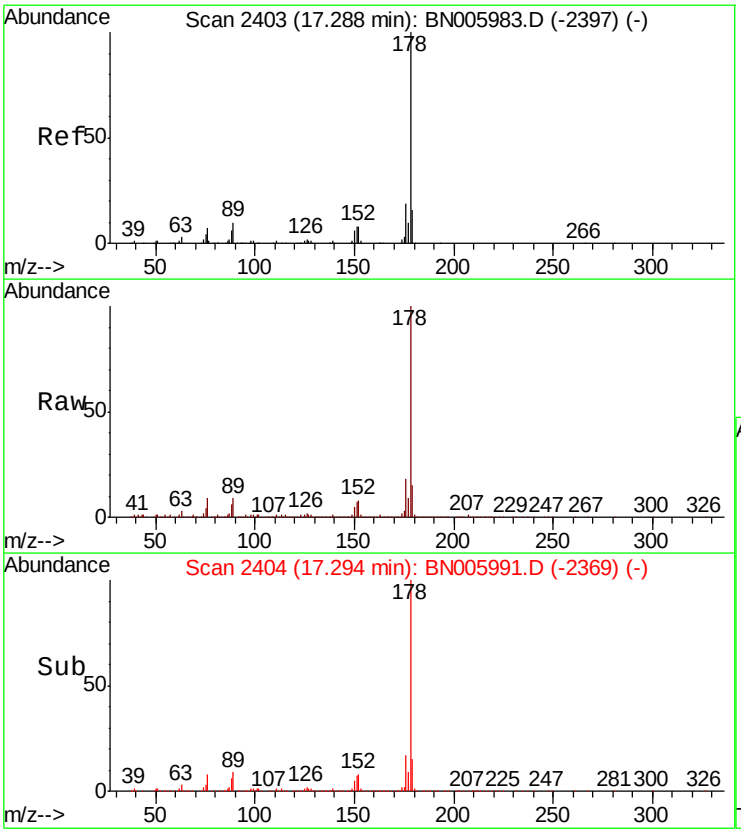
#69
Phenanthrene
Concen: 38.845 ng/ul
RT: 17.21 min Scan# 2389
Delta R.T. 0.01 min
Lab File: BN005991.D
Acq: 31 May 2019 21:46

Instrument :
BNA_N
ClientSampleId :
A42C4

Tgt Ion:178 Resp: 3506176

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	19.3	15.1	22.7

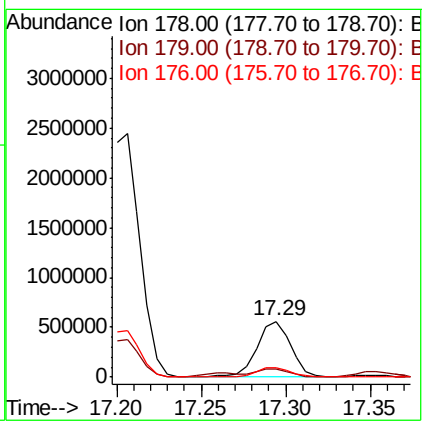


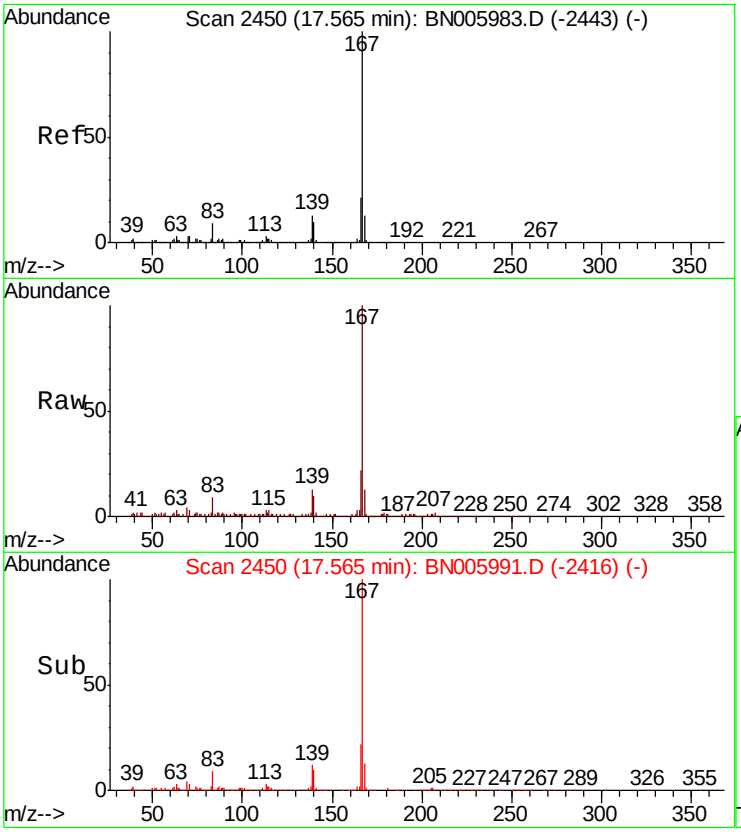


#71
Anthracene
Concen: 8.452 ng/ul
RT: 17.29 min Scan# 2404
Delta R.T. 0.01 min
Lab File: BN005991.D
Acq: 31 May 2019 21:46

Tgt Ion:178 Resp: 774528

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



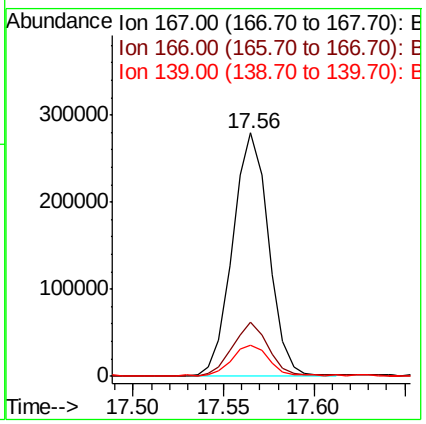


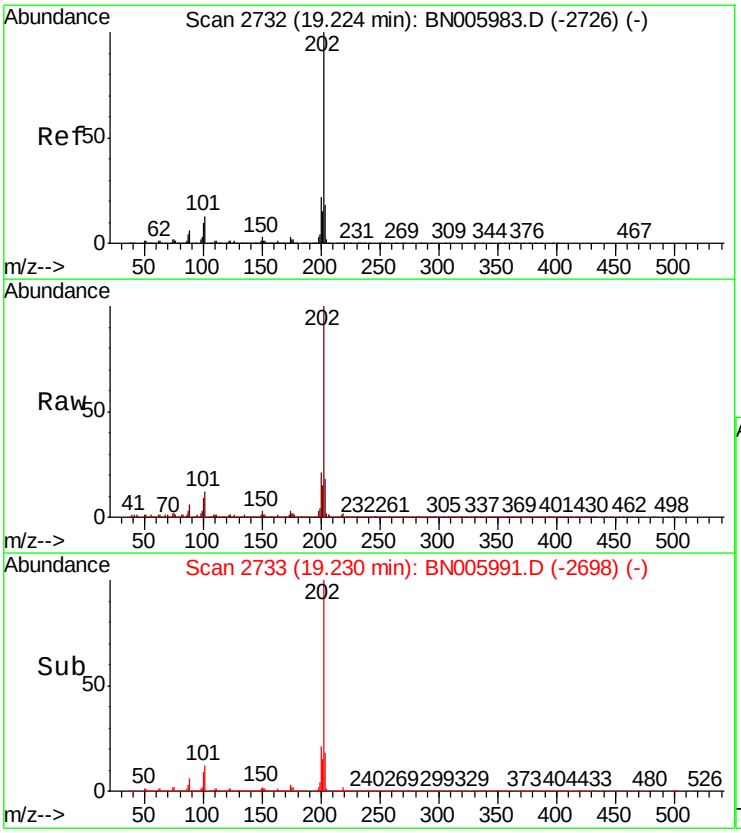
#74
Carbazole
Concen: 4.653 ng/ul
RT: 17.56 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BN005991.D
Acq: 31 May 2019 21:46

Instrument :
BNA_N
ClientSampleId :
A42C4

Tgt Ion:167 Resp: 384112

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.2	25.8
139	12.6	10.6	16.0

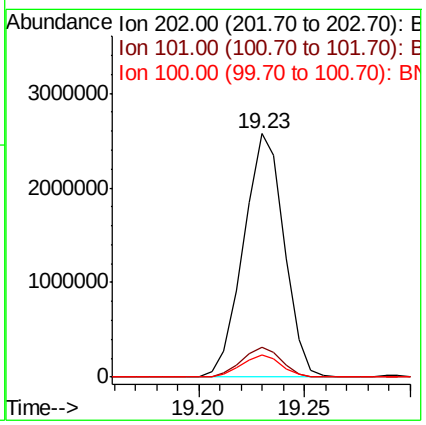


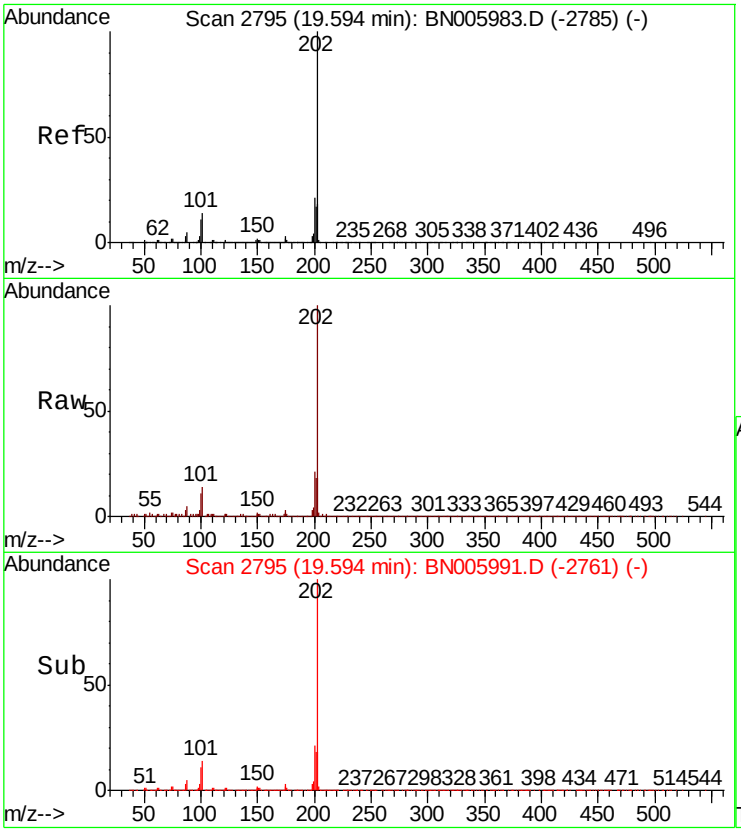


#76
Fluoranthene
Concen: 35.626 ng/ul
RT: 19.23 min Scan# 2733
Delta R.T. 0.01 min
Lab File: BN005991.D
Acq: 31 May 2019 21:46

Tgt Ion:202 Resp: 3432850

Ion	Ratio	Lower	Upper
202	100		
101	12.1	8.6	12.8
100	9.0	6.3	9.5



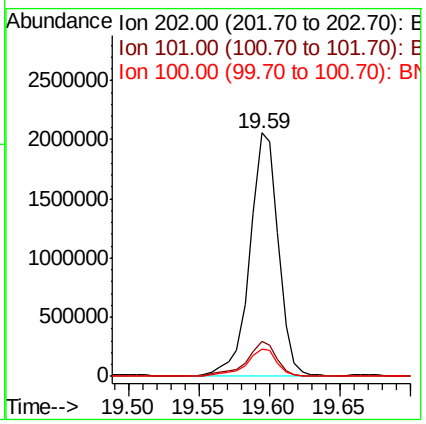


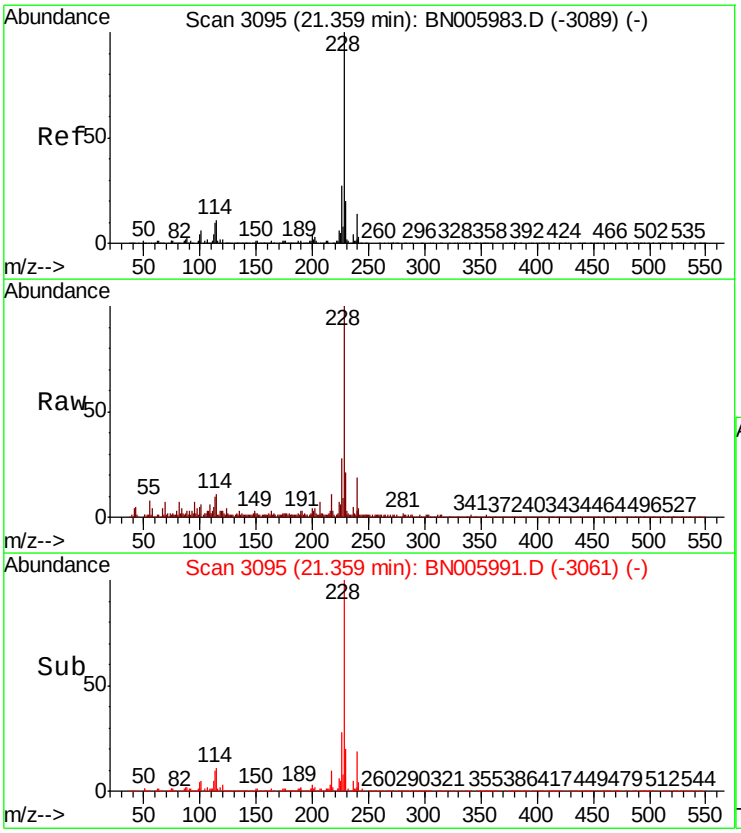
#79
Pyrene
Concen: 33.497 ng/ul
RT: 19.59 min Scan# 2795
Delta R.T. -0.00 min
Lab File: BN005991.D
Acq: 31 May 2019 21:46

Instrument :
BNA_N
ClientSampleId :
A42C4

Tgt Ion:202 Resp: 2912885

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.3	15.5
100	11.4	7.9	11.9

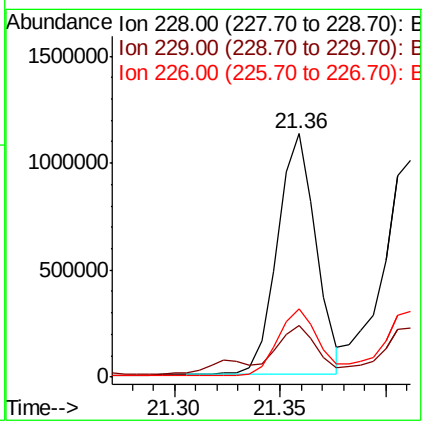


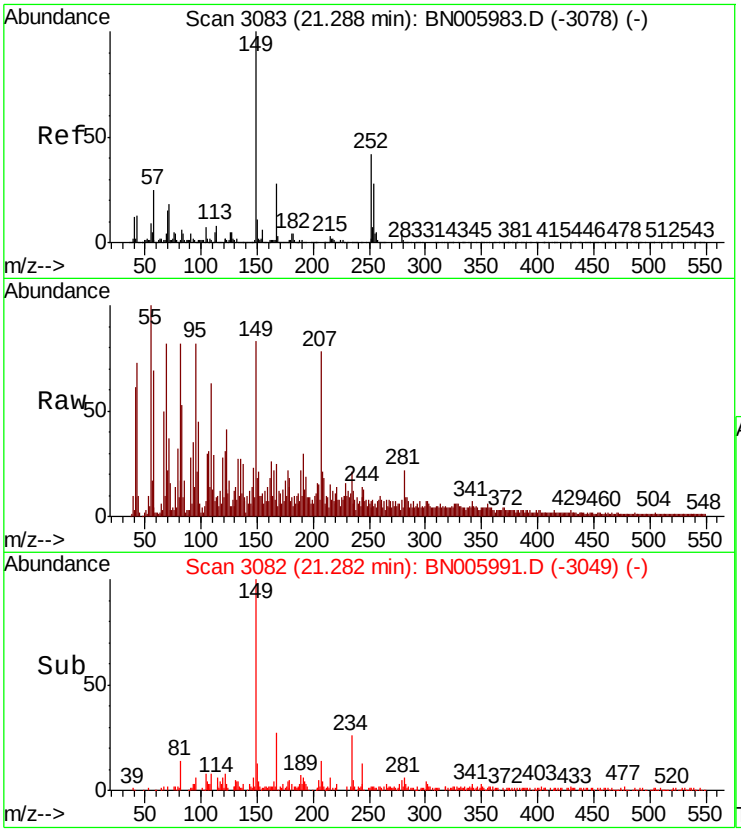


#82
Benzo(a)anthracene
Concen: 16.662 ng/ul
RT: 21.36 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BN005991.D
Acq: 31 May 2019 21:46

Tgt Ion:228 Resp: 1437904

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.6
226	28.2	21.4	32.2



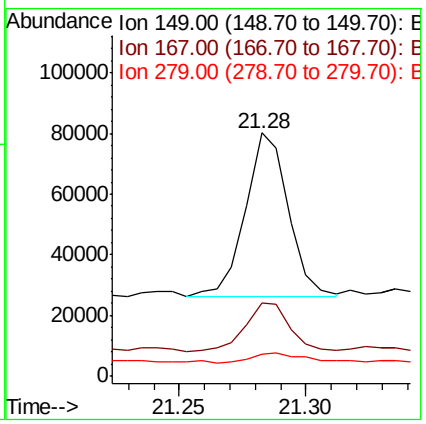


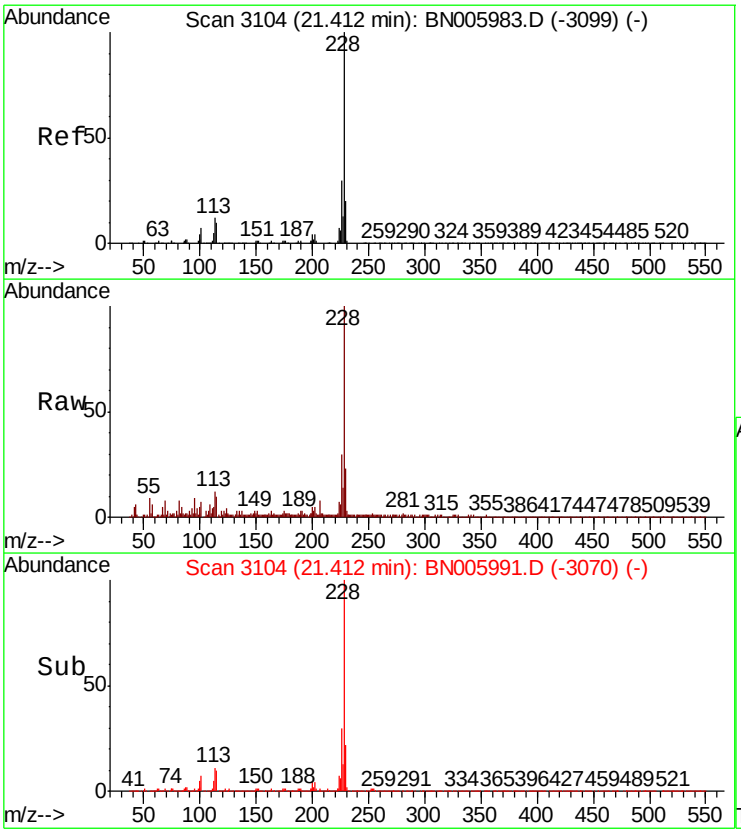
#83
Bis(2-ethylhexyl)phthalate
Concen: 1.123 ng/ul
RT: 21.28 min Scan# 3082
Delta R.T. -0.01 min
Lab File: BN005991.D
Acq: 31 May 2019 21:46

Instrument :
BNA_N
ClientSampleId :
A42C4

Tgt Ion:149 Resp: 63609

Ion	Ratio	Lower	Upper
149	100		
167	29.9	22.3	33.5
279	9.1	3.3	4.9#

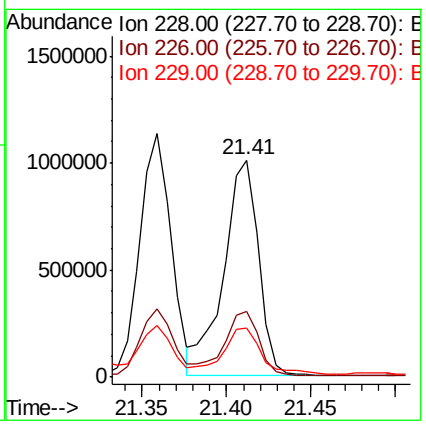


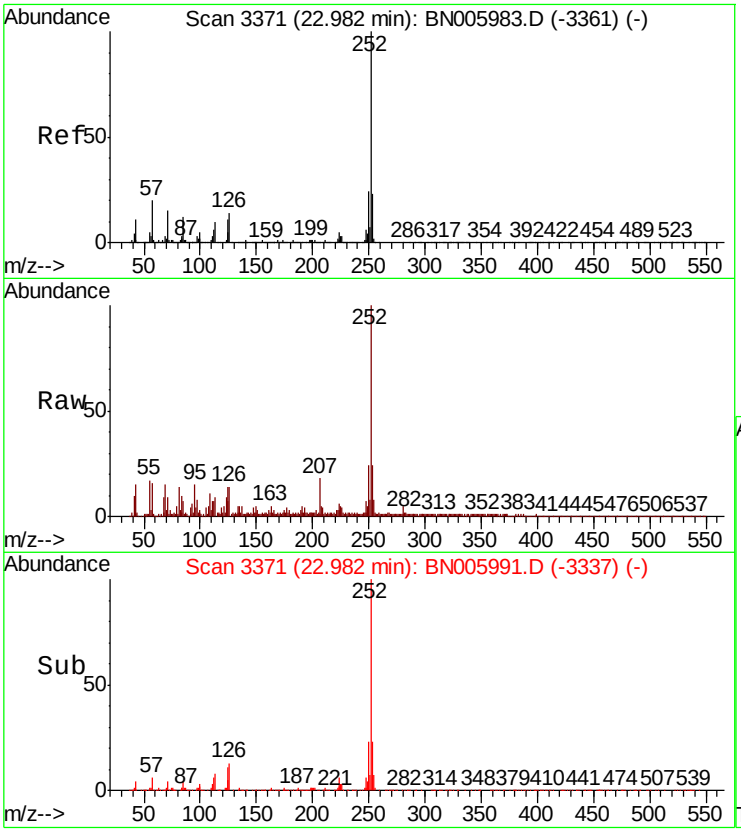


#84
Chrysene
Concen: 18.002 ng/ul
RT: 21.41 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BN005991.D
Acq: 31 May 2019 21:46

Tgt Ion:228 Resp: 1448912

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	22.8	15.4	23.0



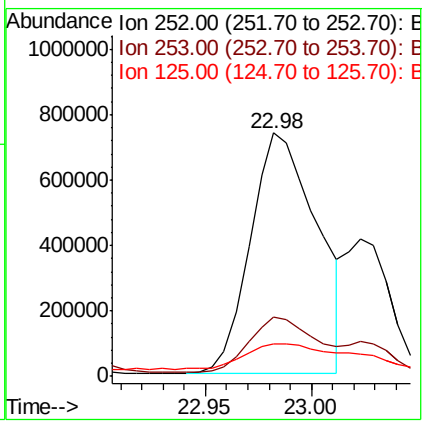


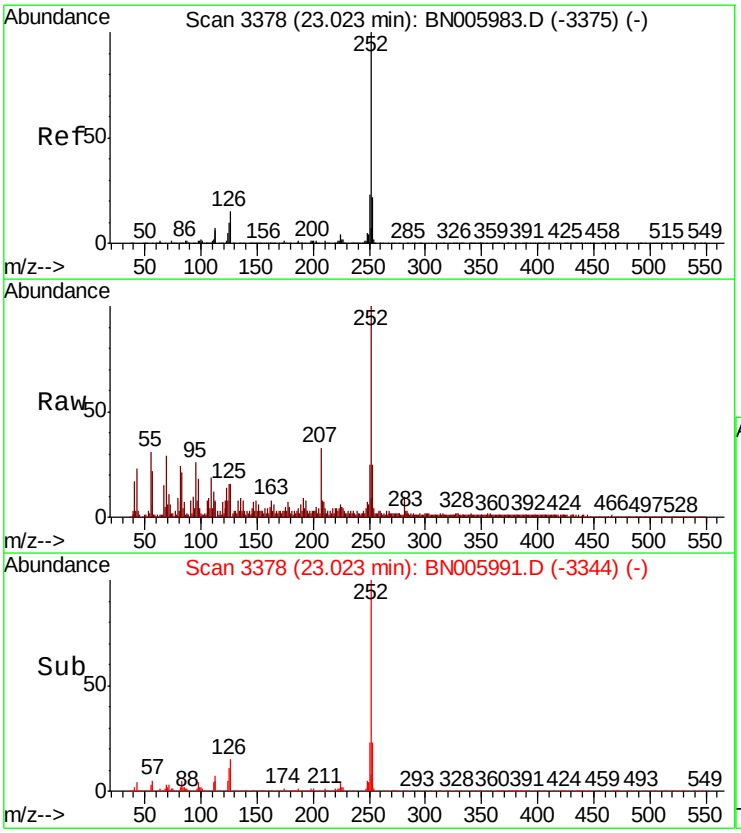
#87
Benzo(b)fluoranthene
Concen: 17.144 ng/ul
RT: 22.98 min Scan# 3371
Delta R.T. -0.00 min
Lab File: BN005991.D
Acq: 31 May 2019 21:46

Instrument :
BNA_N
ClientSampleId :
A42C4

Tgt Ion:252 Resp: 1617438

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	13.5	8.4	12.6#

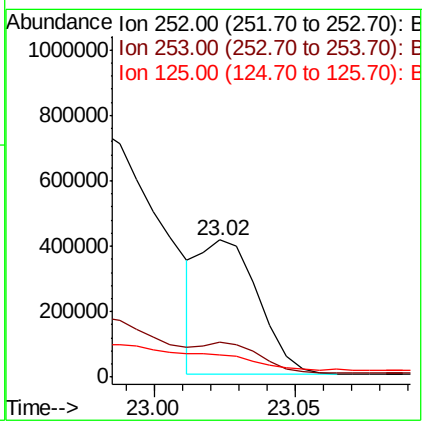


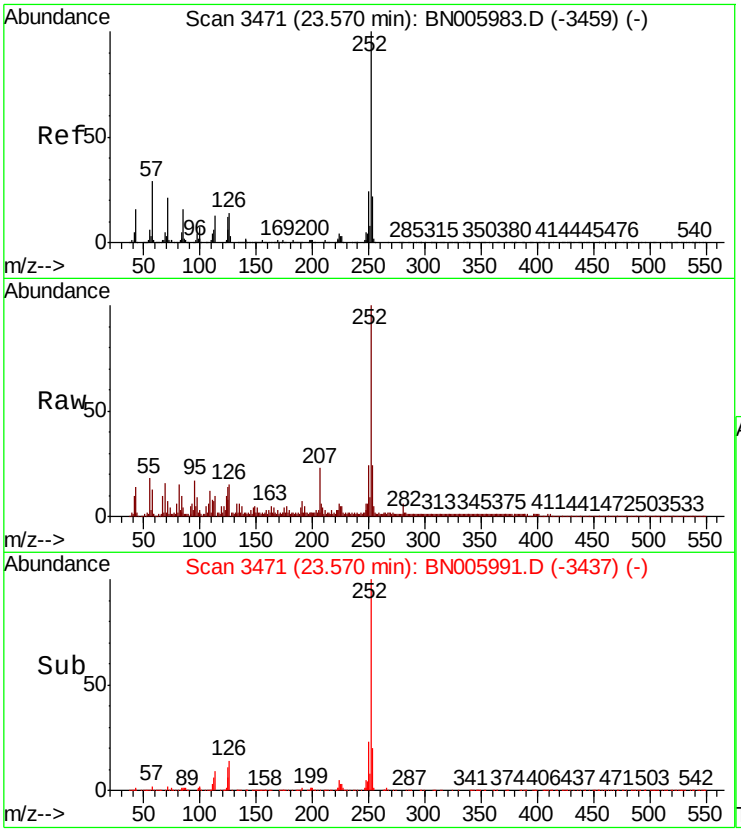


#88
Benzo(k)fluoranthene
Concen: 6.833 ng/ul
RT: 23.02 min Scan# 3378
Delta R.T. -0.00 min
Lab File: BN005991.D
Acq: 31 May 2019 21:46

Tgt Ion:252 Resp: 592680

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.4	26.0
125	16.2	7.5	11.3#



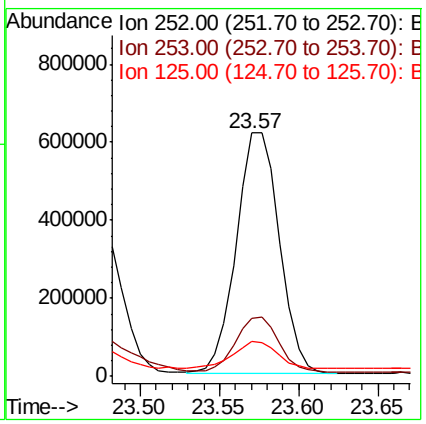


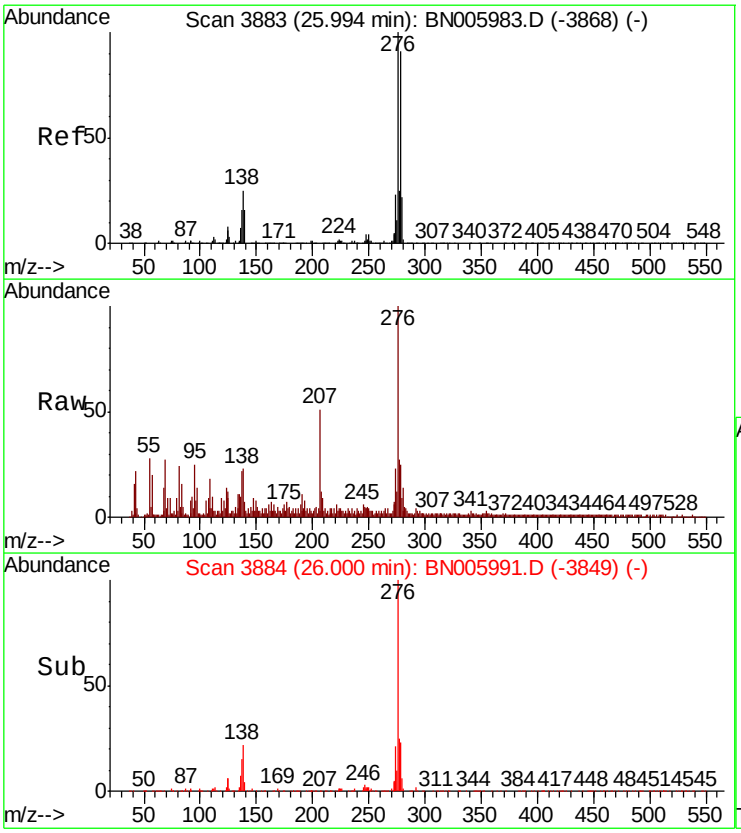
#90
Benzo(a)pyrene
Concen: 13.127 ng/ul
RT: 23.57 min Scan# 3471
Delta R.T. -0.00 min
Lab File: BN005991.D
Acq: 31 May 2019 21:46

Instrument :
BNA_N
ClientSampleId :
A42C4

Tgt Ion:252 Resp: 1167851

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.3	25.9
125	14.3	8.6	13.0#

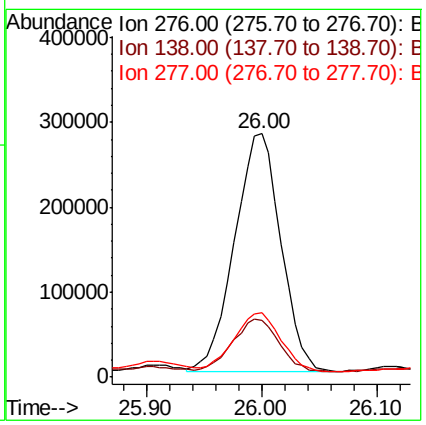


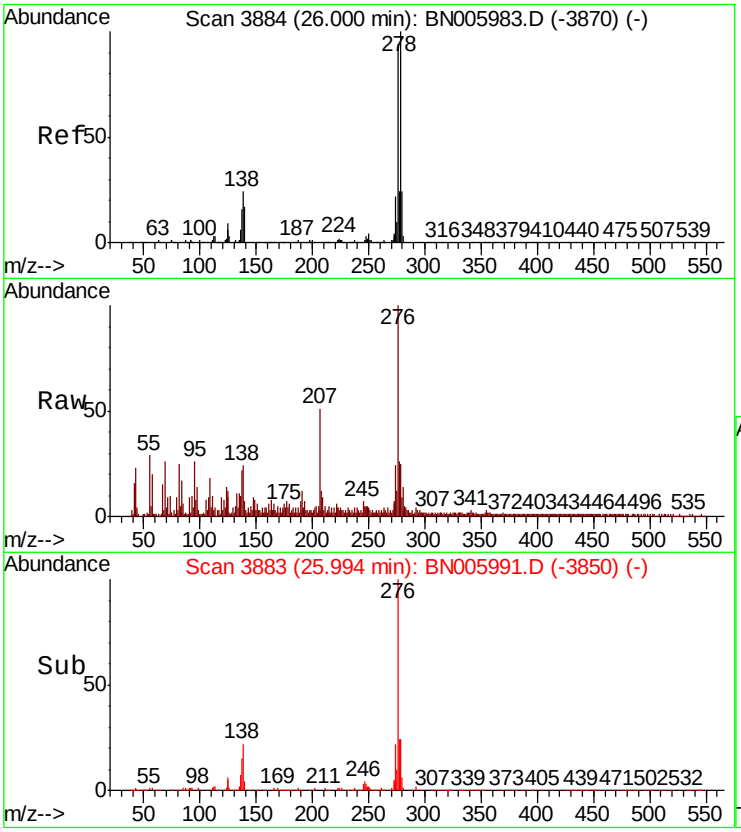


#91
Indeno(1,2,3-cd)pyrene
Concen: 7.460 ng/ul
RT: 26.00 min Scan# 3884
Delta R.T. 0.01 min
Lab File: BN005991.D
Acq: 31 May 2019 21:46

Tgt Ion:276 Resp: 778751

Ion	Ratio	Lower	Upper
276	100		
138	23.3	17.9	26.9
277	26.6	19.7	29.5



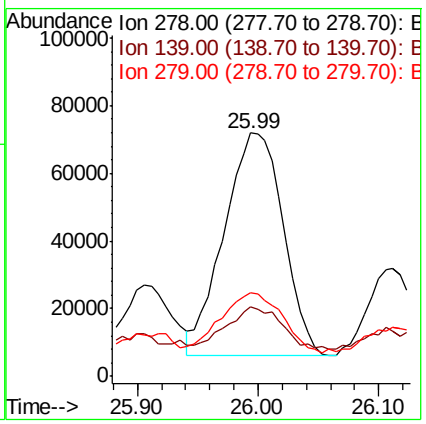


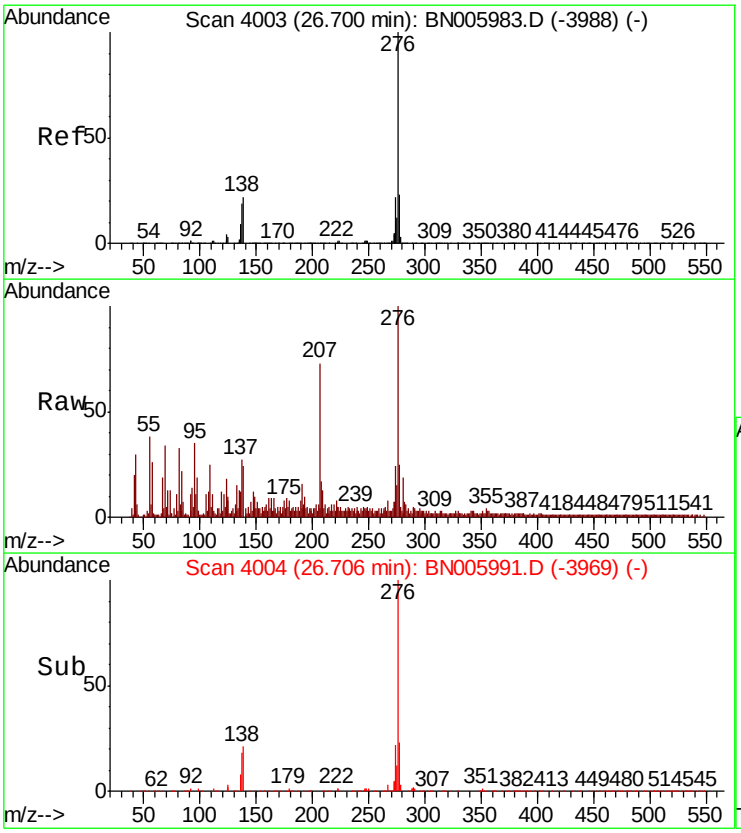
#92
Dibenzo(a,h)anthracene
Concen: 2.577 ng/ul
RT: 25.99 min Scan# 3883
Delta R.T. -0.01 min
Lab File: BN005991.D
Acq: 31 May 2019 21:46

Instrument :
BNA_N
ClientSampleId :
A42C4

Tgt Ion:278 Resp: 223987

Ion	Ratio	Lower	Upper
278	100		
139	28.6	13.1	19.7#
279	34.1	19.4	29.0#





#93
Benzo(g,h,i)perylene
Concen: 7.046 ng/ul
RT: 26.71 min Scan# 4004
Delta R.T. 0.01 min
Lab File: BN005991.D
Acq: 31 May 2019 21:46

Tgt Ion:276 Resp: 619561

Ion	Ratio	Lower	Upper
276	100		
138	24.1	16.7	25.1
277	25.5	18.2	27.2