Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005363.D
Acq On : 29 Apr 2019 22:01
Operator : JU/SJ
Sample : K2455-02MEDL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 30 00:54:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	272264	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1133806	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	671783	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.98	188	1520162	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1504177	20.00	ng/ul	-0.02
85) Perylene-d12	23.40	264	1722507	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	1745	0.31	ng/uL	0.00
5) Phenol-d5	6.78	99	25122	1.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	18070	1.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	23712	1.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	17632	1.05	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	12057	1.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	11117	1.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	19768	1.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	28915	1.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	76378	1.57	ng/ul	-0.01
46) Acenaphthylene-d8	13.91	160	94734	1.58	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.46	143	3621	0.47	ng/ul	0.03
57) Fluorene-d10	15.22	176	70587	1.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	3622	0.53	ng/ul	0.00
70) Anthracene-d10	17.07	188	103432	1.62	ng/ul	-0.01
78) Pyrene-d10	19.39	212	120530	1.57	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.26	264	121351	1.61	ng/ul	-0.04
Target Compounds						Qvalue
17) Hexachloroethane	8.68	117	17130	2.332	ng/ul#	6
28) Naphthalene	10.40	128	5506602	104.472	ng/ul	99
30) 4-Chloroaniline	10.40	127	732040	42.975	ng/ul#	11
34) 2-Methylnaphthalene	12.02	142	3076433	79.713	ng/ul	97
40) 1,1'-Biphenyl	13.05	154	204711	4.090	ng/ul	97
47) Acenaphthylene	13.94	152	549261	9.331	ng/ul	97
49) Acenaphthene	14.29	153	59243	1.474	ng/ul	93
53) Dibenzofuran	14.63	168	73860	1.277	ng/ul	100
58) Fluorene	15.28	166	337335	7.472	ng/ul	98
69) Phenanthrene	17.02	178	1685884	22.772	ng/ul	100
71) Anthracene	17.11	178	154685	2.051	ng/ul	98
76) Fluoranthene	19.05	202	352819	4.296	ng/ul	98
79) Pyrene	19.42	202	573222	5.919	ng/ul	98
82) Benzo(a)anthracene	21.19	228	182612	1.951	ng/ul	94
84) Chrysene	21.24	228	175869	2.025	ng/ul	99
87) Benzo(b)fluoranthene	22.75	252	107146	1.107	ng/ul#	97
88) Benzo(k)fluoranthene	22.75	252	107146	1.159	ng/ul	97

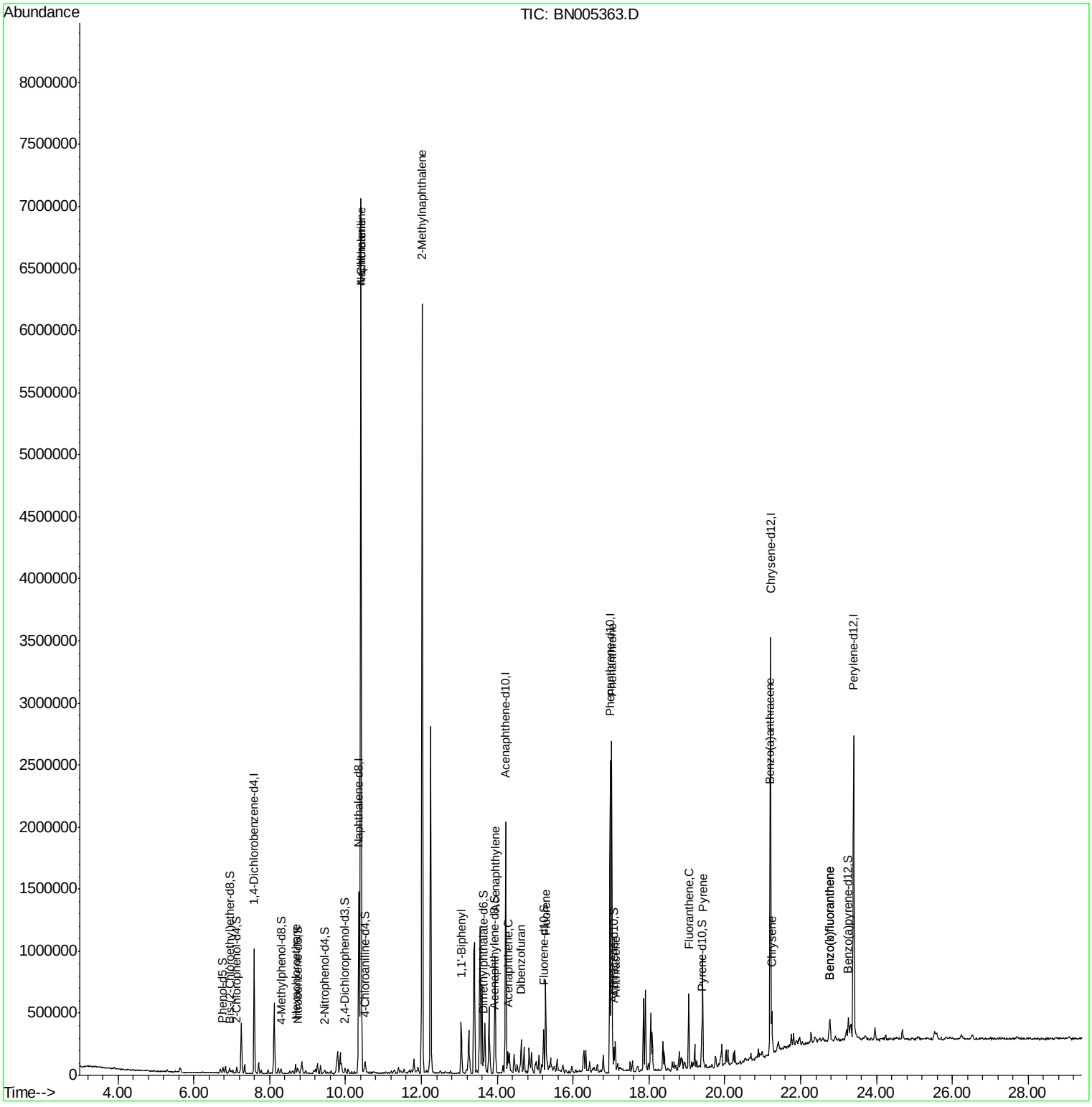
(#) = qualifier out of range (m) = manual integration (+) = signals summed

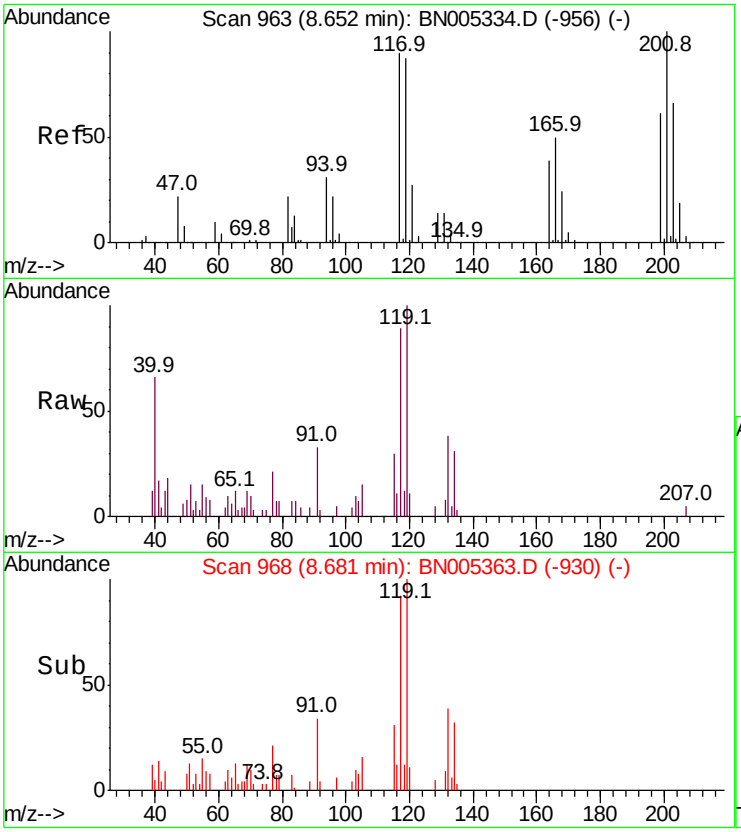
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005363.D
Acq On : 29 Apr 2019 22:01
Operator : JU/SJ
Sample : K2455-02MEDL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 30 00:54:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration



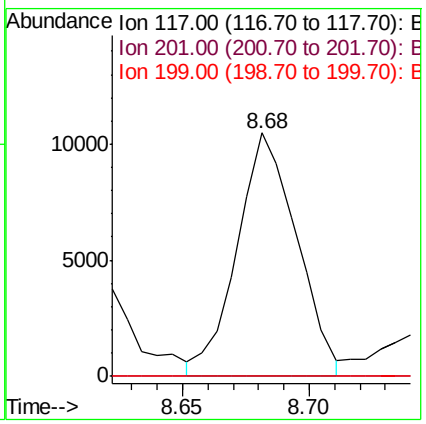


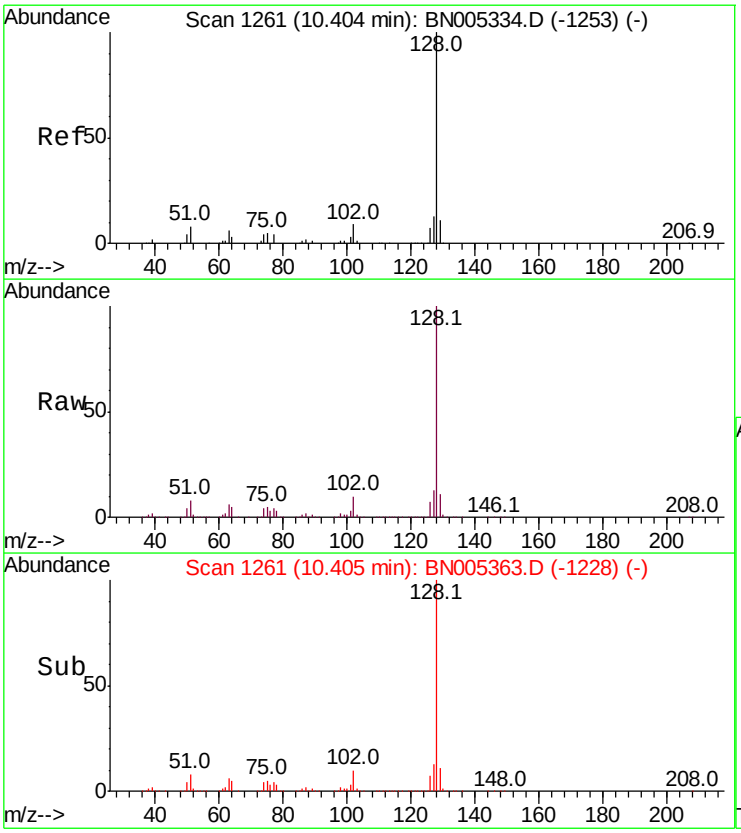
#17
Hexachloroethane
Concen: 2.332 ng/ul
RT: 8.68 min Scan# 968
Delta R.T. 0.02 min
Lab File: BN005363.D
Acq: 29 Apr 2019 22:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:117 Resp: 17130

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

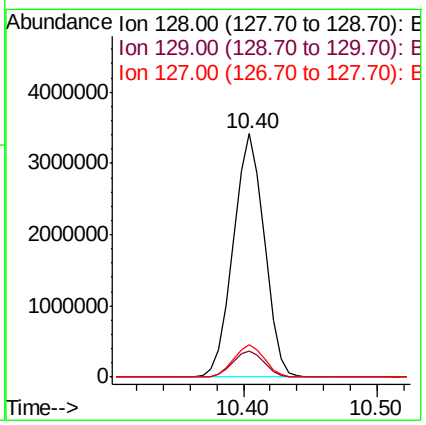


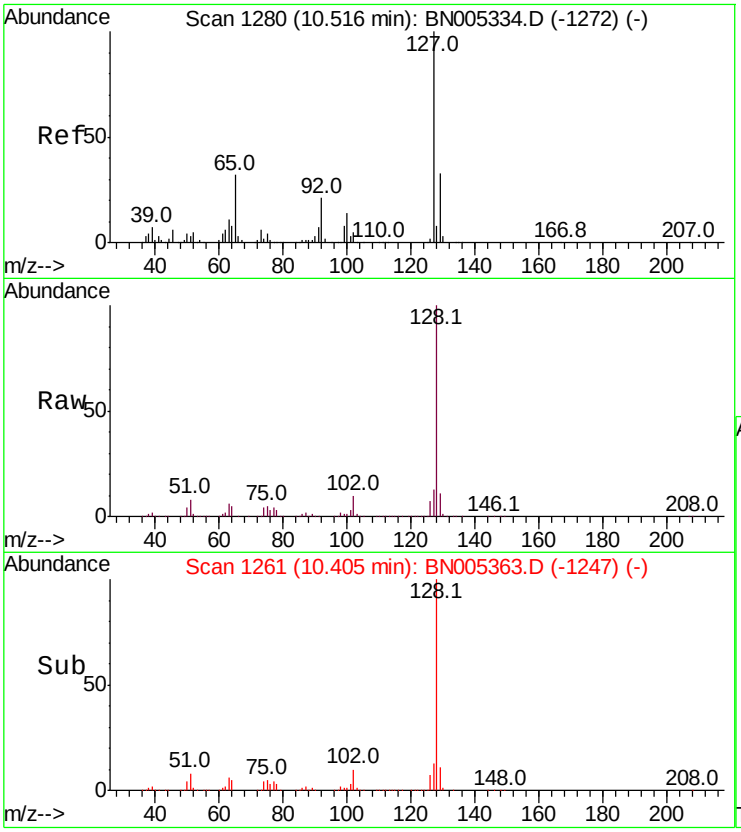


#28
Naphthalene
Concen: 104.472 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BN005363.D
Acq: 29 Apr 2019 22:01

Tgt Ion:128 Resp: 5506602

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.2	13.8
127	13.4	10.7	16.1



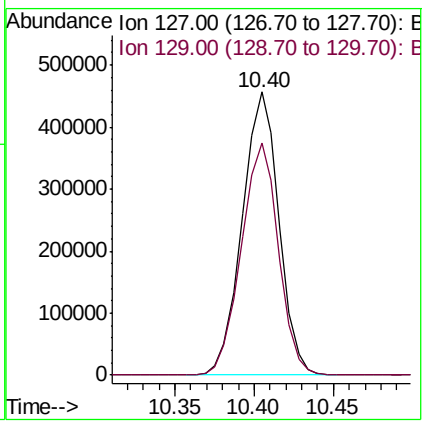


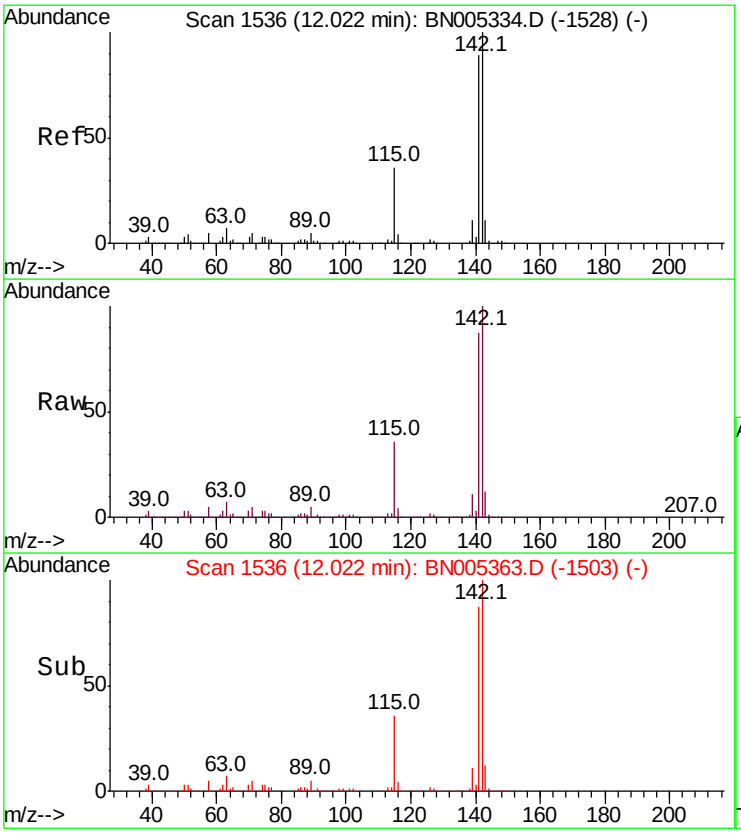
#30
4-Chloroaniline
Concen: 42.975 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.12 min
Lab File: BN005363.D
Acq: 29 Apr 2019 22:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:127 Resp: 732040

Ion	Ratio	Lower	Upper
127	100		
129	82.0	25.8	38.6#

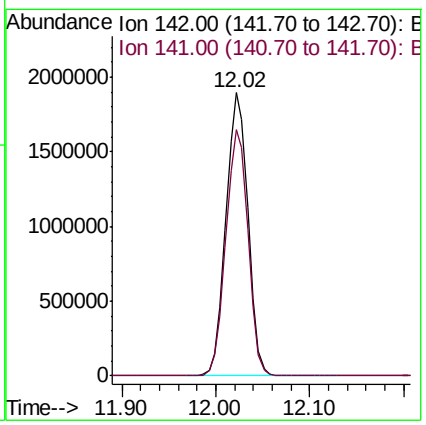


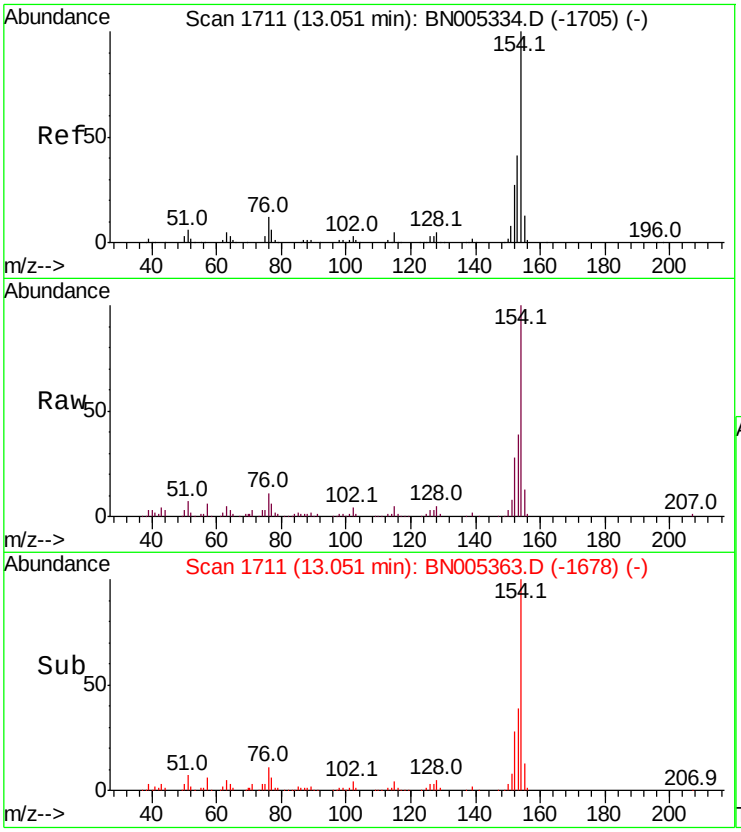


#34
2-Methylnaphthalene
Concen: 79.713 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BN005363.D
Acq: 29 Apr 2019 22:01

Tgt Ion:142 Resp: 3076433

Ion	Ratio	Lower	Upper
142	100		
141	86.9	72.0	108.0



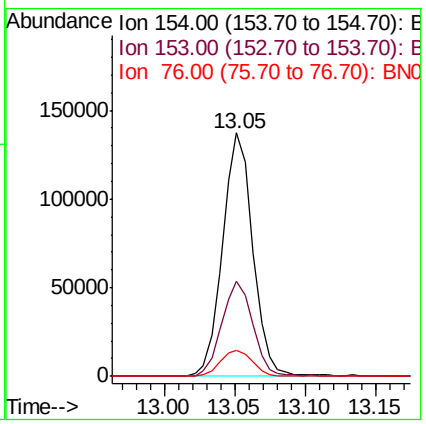


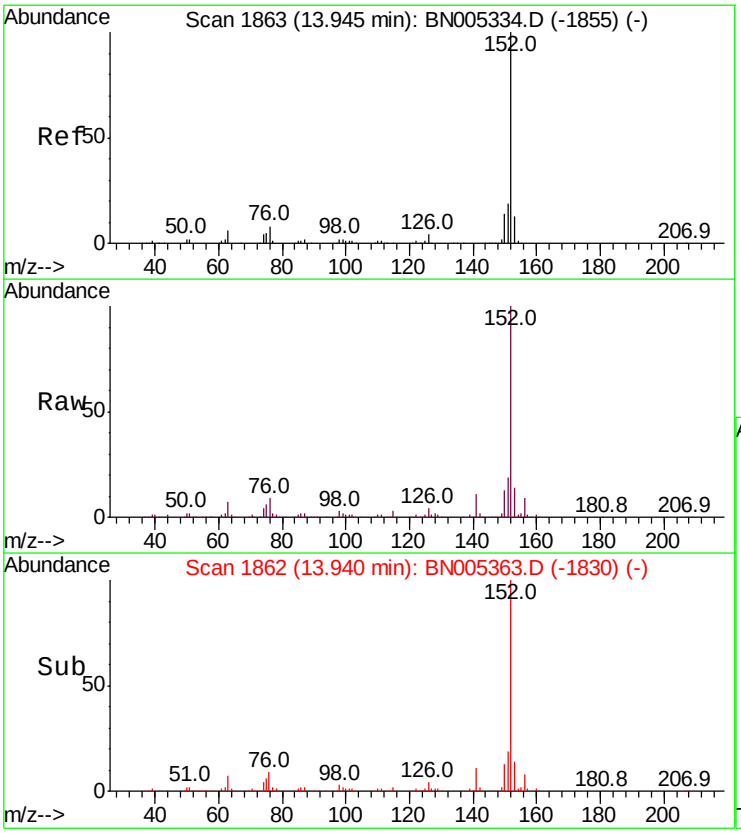
#40
1,1'-Biphenyl
Concen: 4.090 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BN005363.D
Acq: 29 Apr 2019 22:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 204711

Ion	Ratio	Lower	Upper
154	100		
153	39.1	32.6	49.0
76	10.9	10.4	15.6

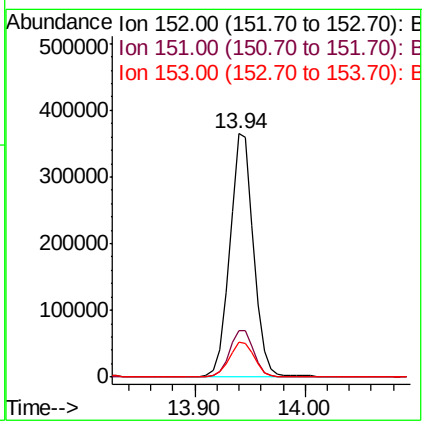


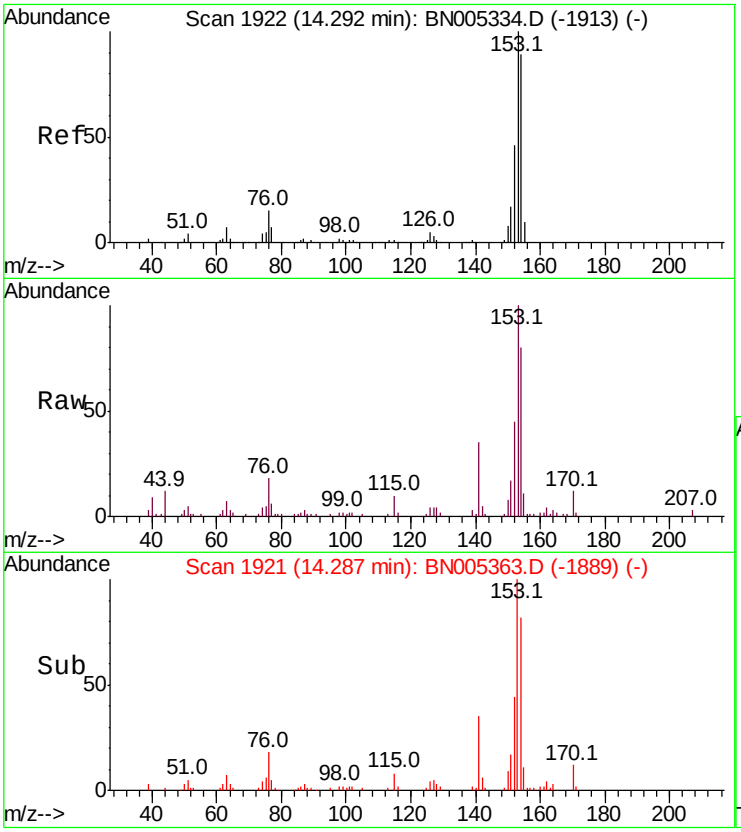


#47
Acenaphthylene
Concen: 9.331 ng/ul
RT: 13.94 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BN005363.D
Acq: 29 Apr 2019 22:01

Tgt Ion:152 Resp: 549261

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.8	23.8
153	14.5	9.8	14.8



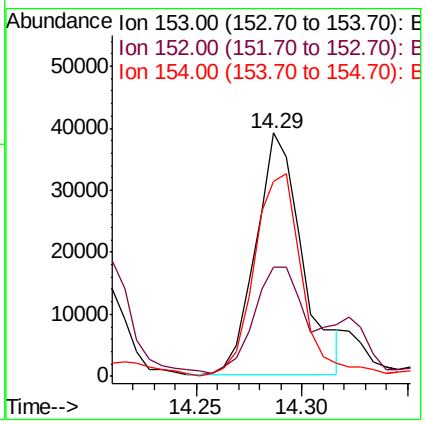


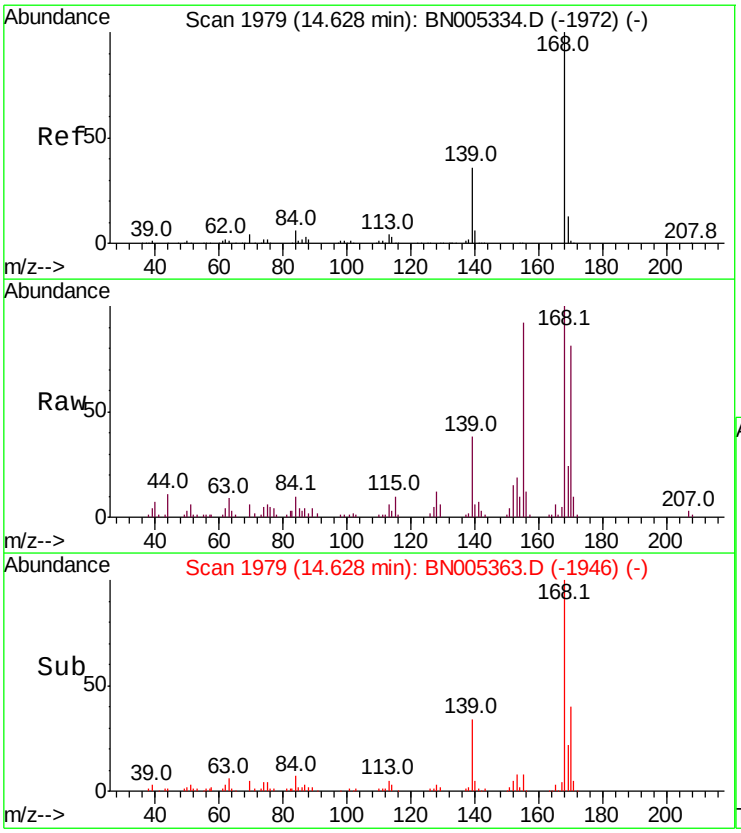
#49
Acenaphthene
Concen: 1.474 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BN005363.D
Acq: 29 Apr 2019 22:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 59243

Ion	Ratio	Lower	Upper
153	100		
152	44.8	37.4	56.0
154	80.0	71.2	106.8

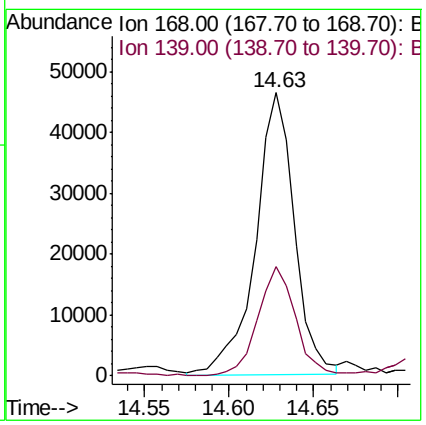


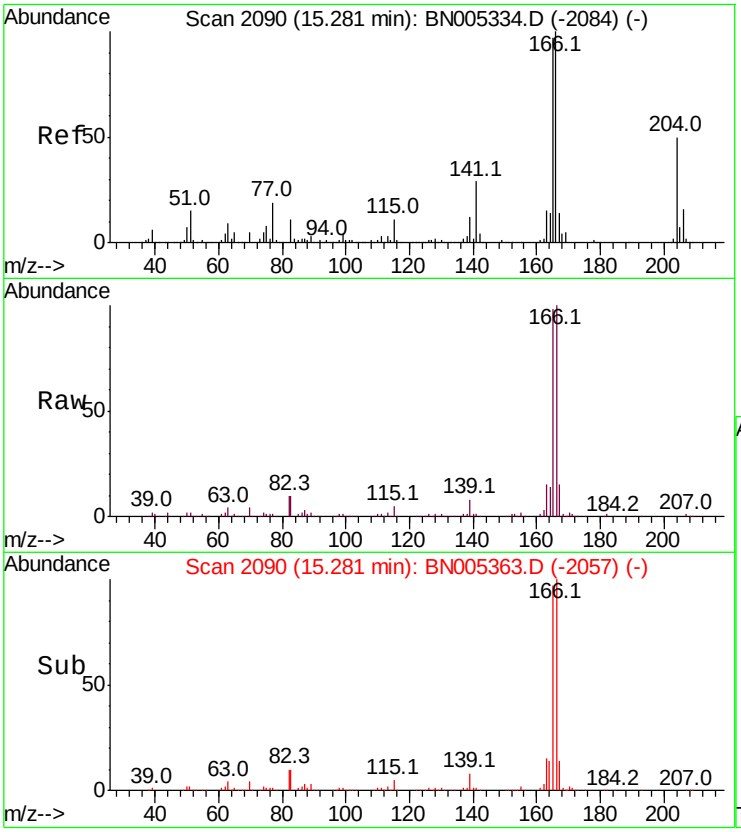


#53
Dibenzofuran
Concen: 1.277 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BN005363.D
Acq: 29 Apr 2019 22:01

Tgt Ion:168 Resp: 73860

Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.9	46.3



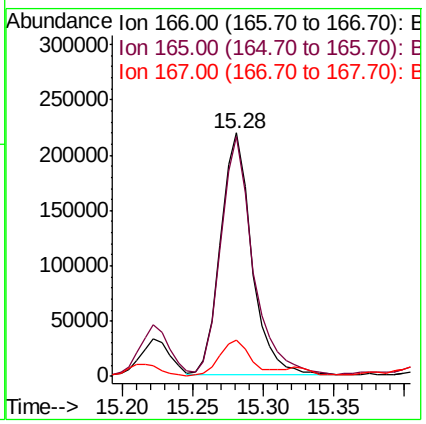


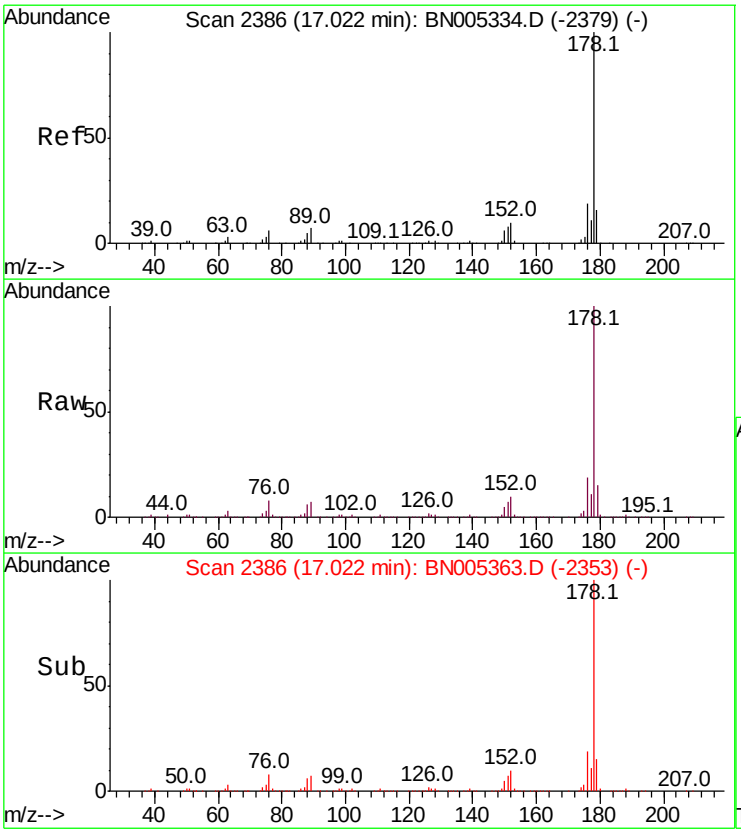
#58
Fluorene
Concen: 7.472 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BN005363.D
Acq: 29 Apr 2019 22:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 337335

Ion	Ratio	Lower	Upper
166	100		
165	98.3	80.0	120.0
167	14.8	10.7	16.1

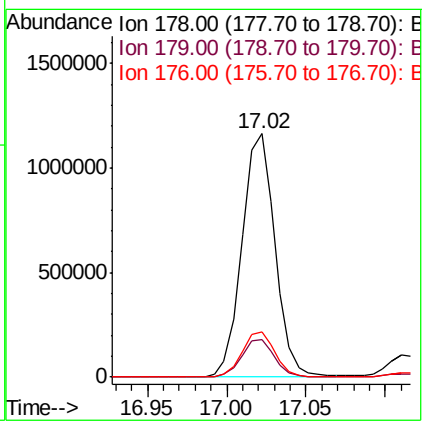


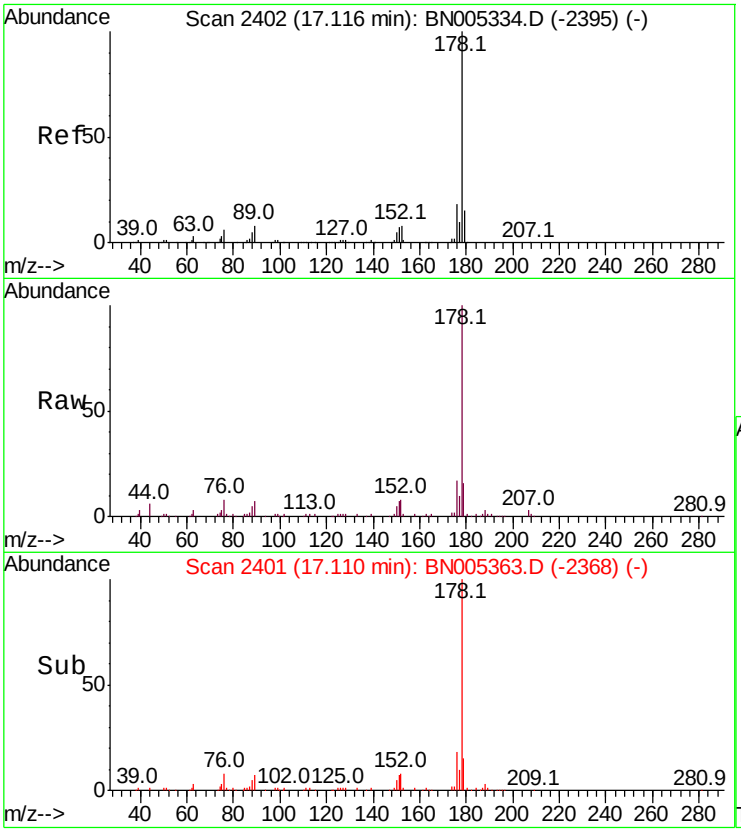


#69
Phenanthrene
Concen: 22.772 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BN005363.D
Acq: 29 Apr 2019 22:01

Tgt Ion:178 Resp: 1685884

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	18.7	15.1	22.7



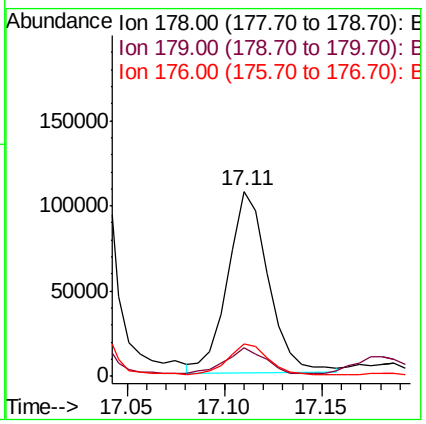


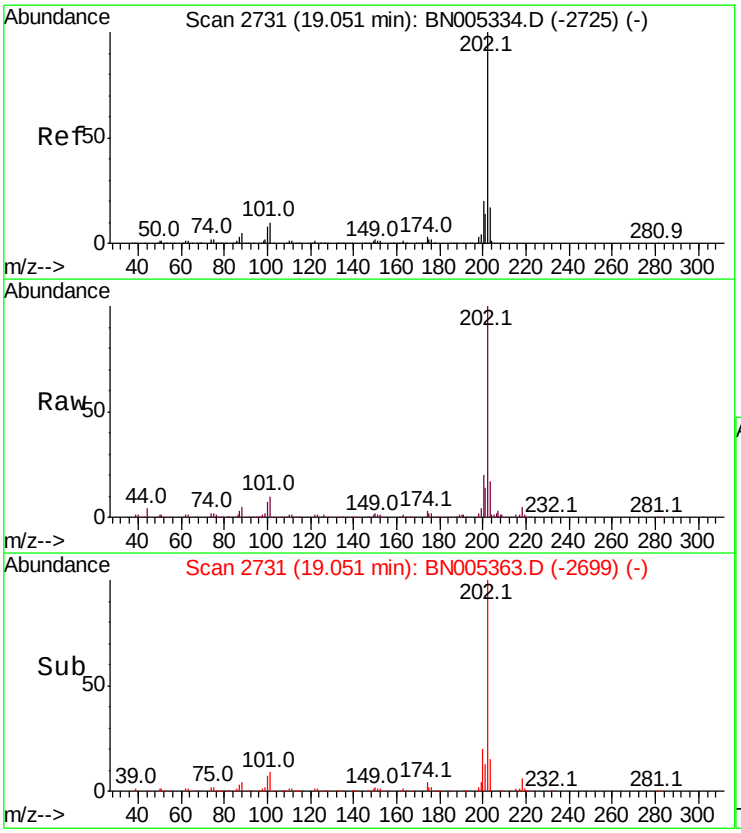
#71
Anthracene
Concen: 2.051 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BN005363.D
Acq: 29 Apr 2019 22:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 154685

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	17.5	15.1	22.7

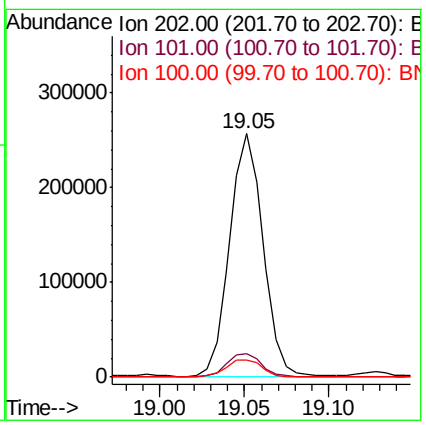


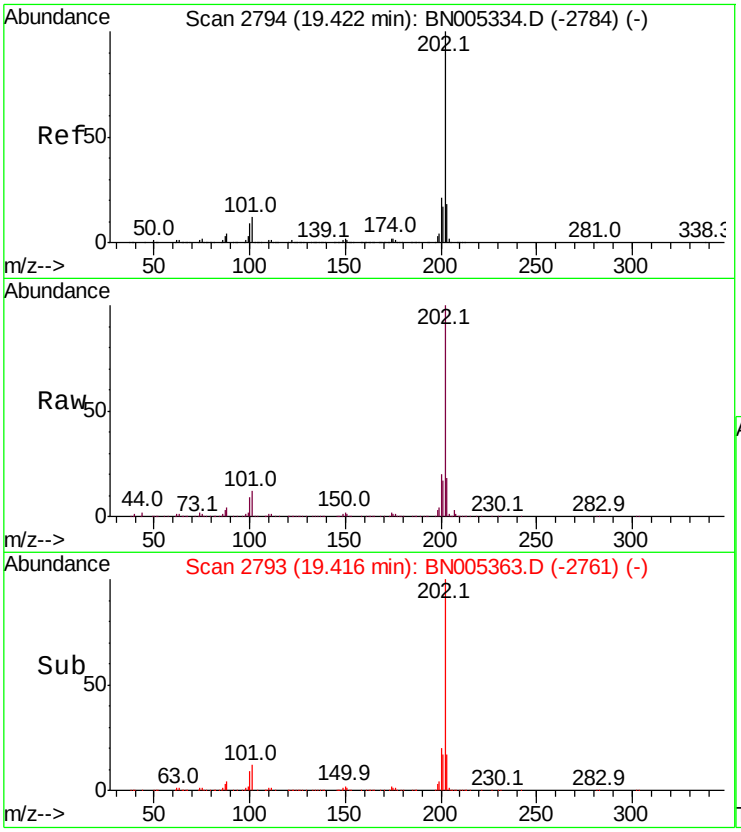


#76
Fluoranthene
Concen: 4.296 ng/ul
RT: 19.05 min Scan# 2731
Delta R.T. -0.01 min
Lab File: BN005363.D
Acq: 29 Apr 2019 22:01

Tgt Ion:202 Resp: 352819

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.6	12.8
100	7.2	6.3	9.5



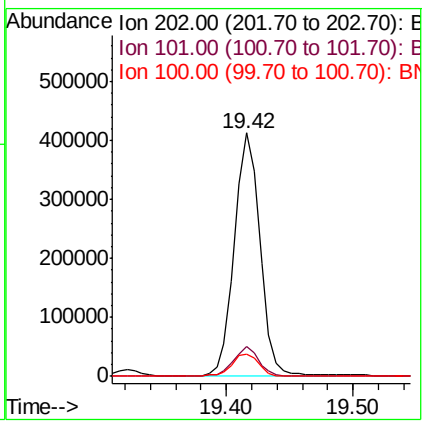


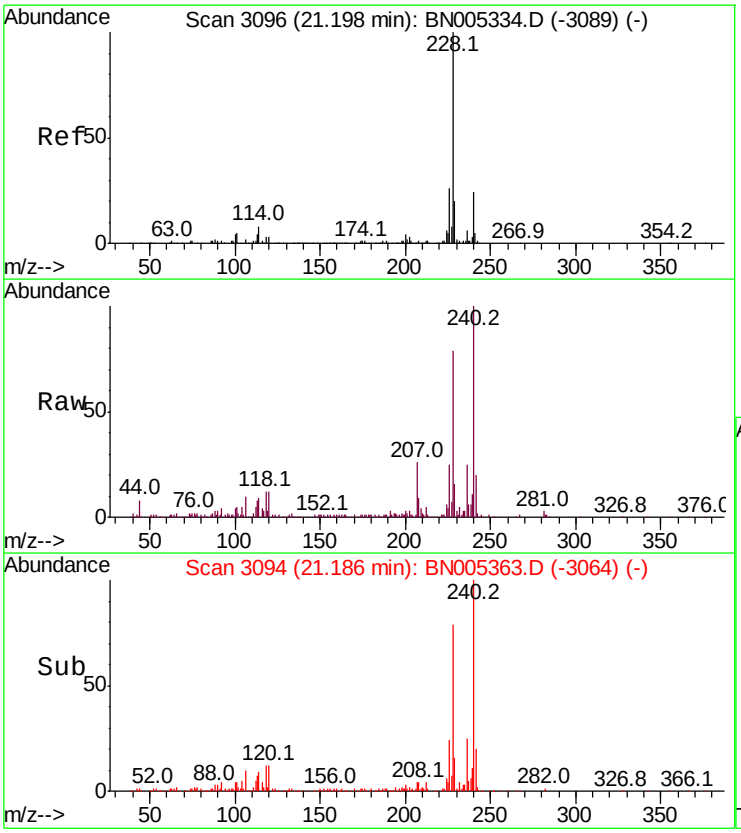
#79
Pyrene
Concen: 5.919 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BN005363.D
Acq: 29 Apr 2019 22:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 573222

Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.3	15.5
100	9.2	7.9	11.9

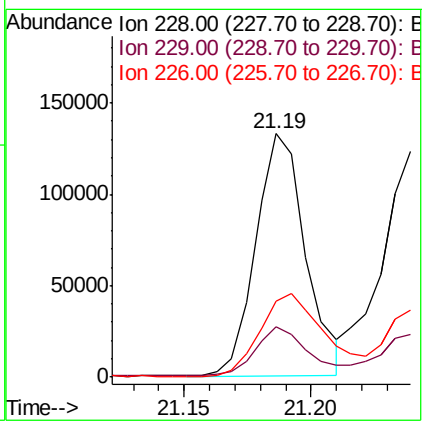


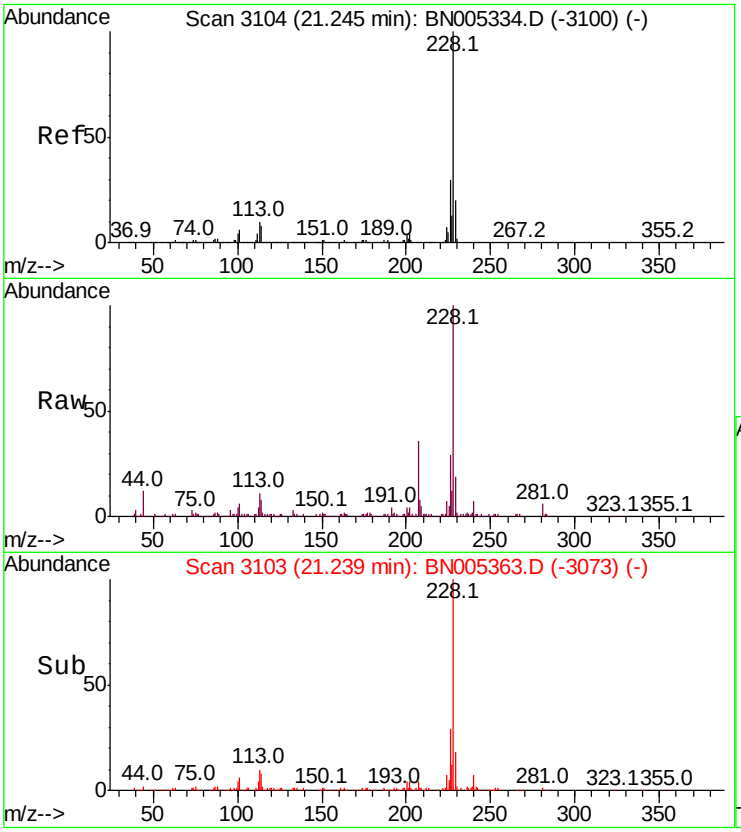


#82
Benzo(a)anthracene
Concen: 1.951 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BN005363.D
Acq: 29 Apr 2019 22:01

Tgt Ion:228 Resp: 182612

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.6
226	31.0	21.4	32.2



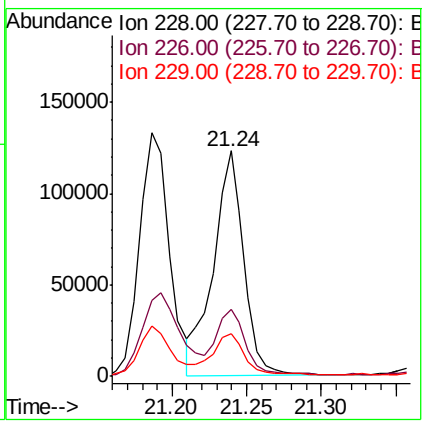


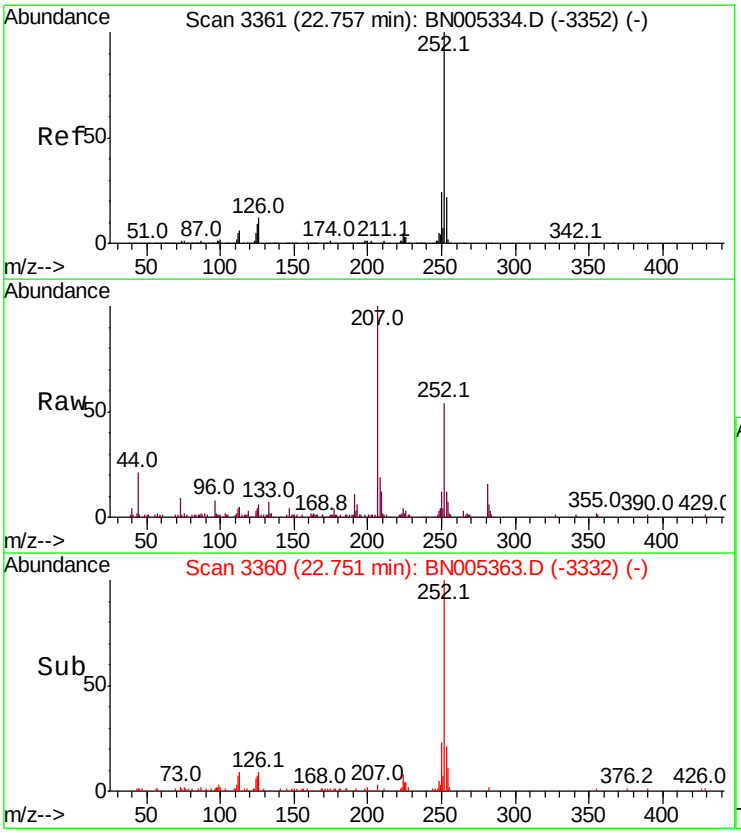
#84
Chrysene
Concen: 2.025 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.02 min
Lab File: BN005363.D
Acq: 29 Apr 2019 22:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 175869

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	18.9	15.4	23.0

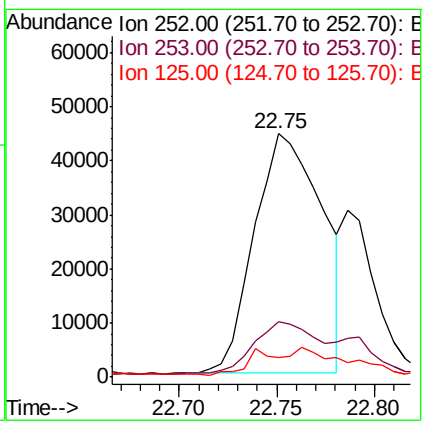


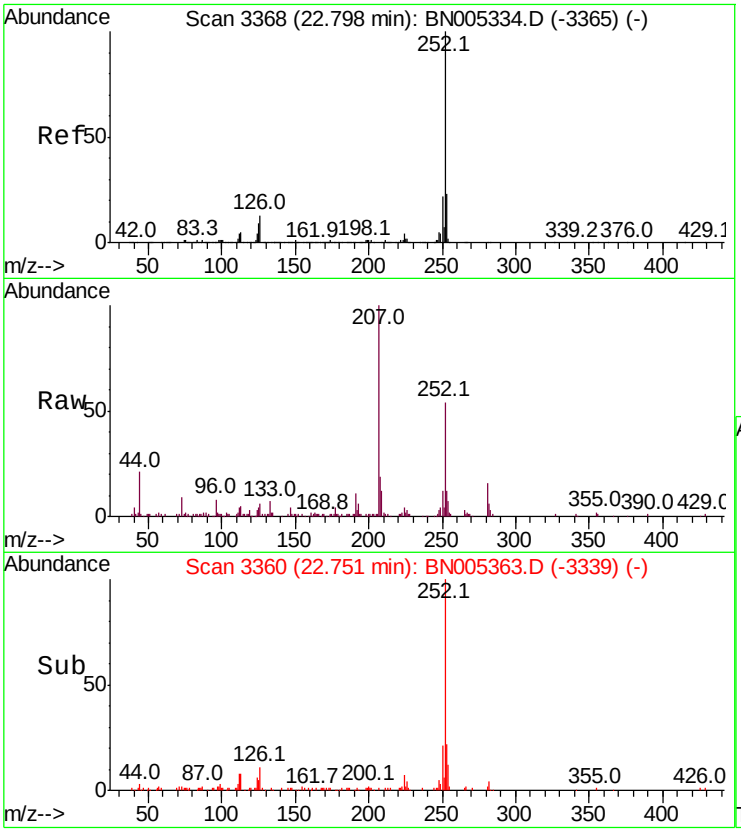


#87
Benzo(b)fluoranthene
Concen: 1.107 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.03 min
Lab File: BN005363.D
Acq: 29 Apr 2019 22:01

Tgt Ion:252 Resp: 107146

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	8.1	8.4	12.6#





#88
Benzo(k)fluoranthene
Concen: 1.159 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.08 min
Lab File: BN005363.D
Acq: 29 Apr 2019 22:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 107146

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	8.1	7.5	11.3