Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051119\
Data File : BN005626.D
Acq On : 11 May 2019 14:51
Operator : JU/SJ
Sample : K2603-19MEDL 30X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ71MEDL

Quant Time: May 12 00:14:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 11 23:17:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	221073	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	963913	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	593431	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1321069	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	969804	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	936340	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	804	0.18	ng/uL	0.00
5) Phenol-d5	6.79	99	10718	0.62	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.94	67	7394	0.68	ng/ul	0.01
9) 2-Chlorophenol-d4	7.13	132	9858	0.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	8771	0.65	ng/ul	0.02
19) Nitrobenzene-d5	8.75	128	5235	0.88	ng/ul	0.02
22) 2-Nitrophenol-d4	9.45	143	5405	0.90	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.01	165	9309	0.68	ng/ul	0.04
29) 4-Chloroaniline-d4	10.51	131	8871	0.62	ng/ul	0.02
43) Dimethylphthalate-d6	13.64	166	42756	0.99	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	50788	0.96	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.22	176	39709	1.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.07	188	57729	1.04	ng/ul	0.00
78) Pyrene-d10	19.39	212	54672	1.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	38677	0.95	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.39	128	1141828	25.481	ng/ul	99
34) 2-Methylnaphthalene	12.01	142	859174	26.186	ng/ul	97
40) 1,1'-Biphenyl	13.05	154	76199	1.723	ng/ul#	94
47) Acenaphthylene	13.93	152	267088	5.137	ng/ul	98
53) Dibenzofuran	14.62	168	68743	1.345	ng/ul	95
58) Fluorene	15.27	166	187480	4.701	ng/ul	97
69) Phenanthrene	17.02	178	826042	12.839	ng/ul	100
71) Anthracene	17.11	178	156733	2.391	ng/ul	98
76) Fluoranthene	19.05	202	221395	3.102	ng/ul#	94
79) Pyrene	19.42	202	272644	4.366	ng/ul	95
82) Benzo(a)anthracene	21.19	228	85046	1.410	ng/ul	94
84) Chrysene	21.24	228	71553	1.278	ng/ul	97

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

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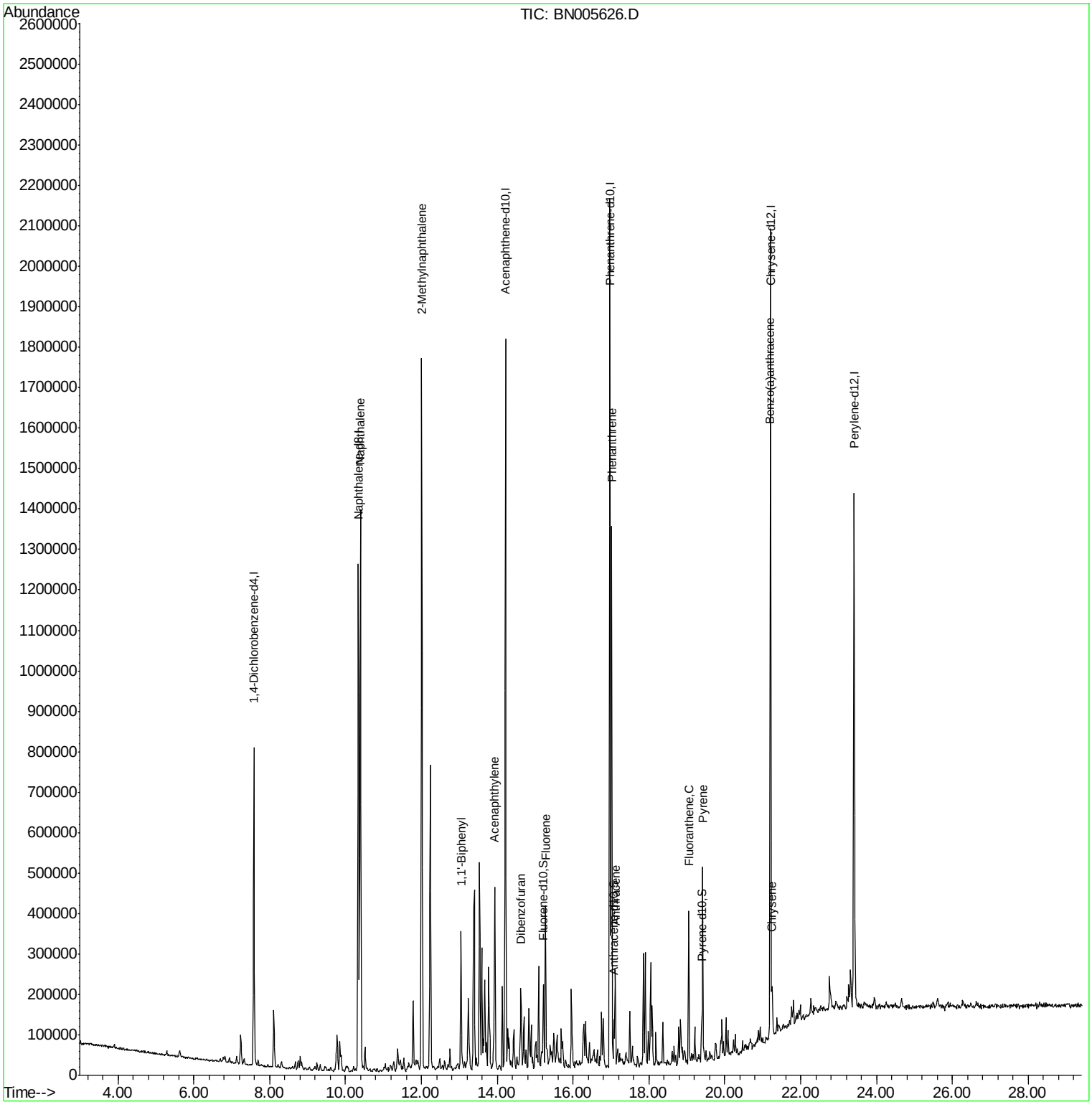
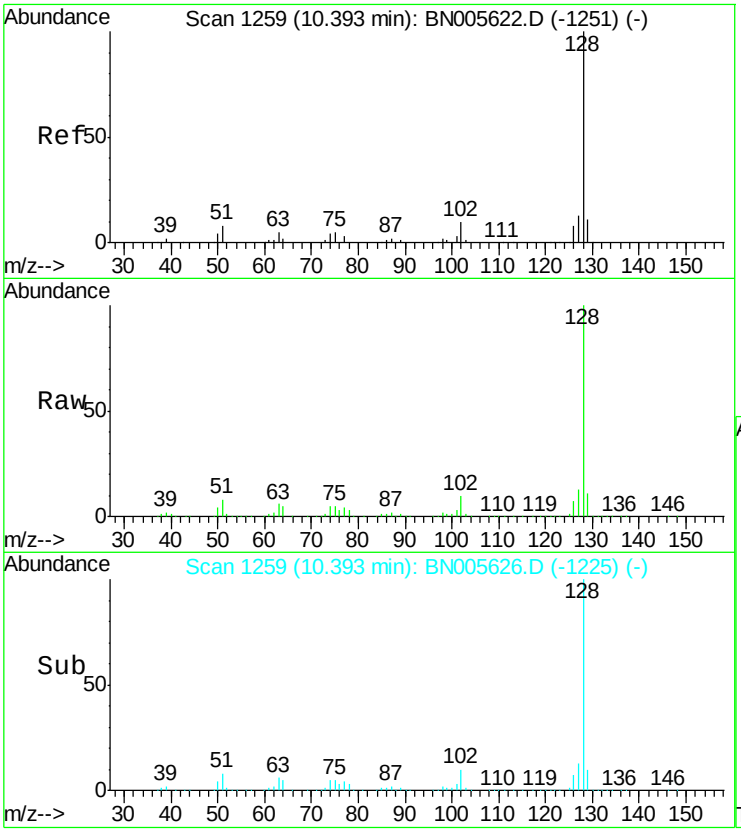
Sample : K2603-19MEDL 30X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ71MEDL

Quant Time: May 12 00:14:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 11 23:17:30 2019
Response via : Initial Calibration



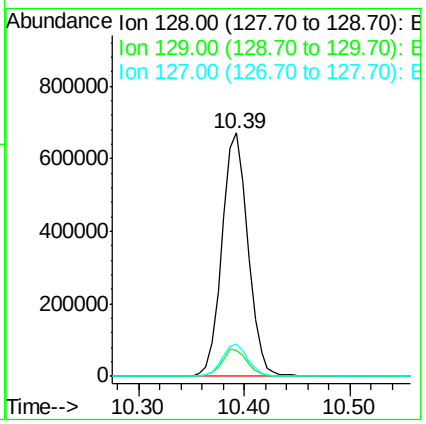


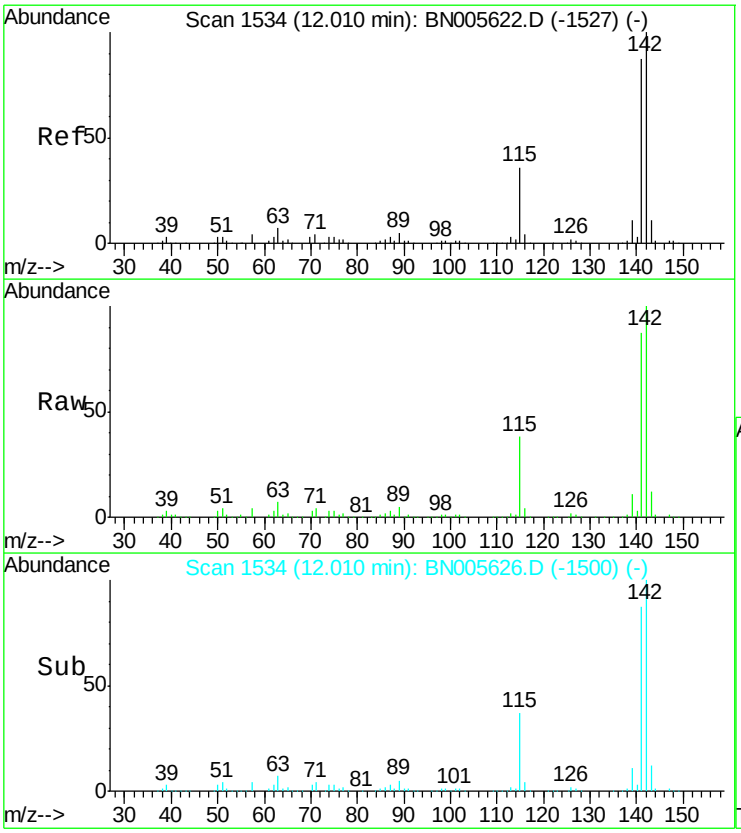
#28
Naphthalene
Concen: 25.481 ng/ul
RT: 10.39 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BN005626.D
Acq: 11 May 2019 14:51

Instrument :
BNA_N
ClientSampleId :
GAJ71MEDL

Tgt Ion:128 Resp: 1141828

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.2	13.8
127	13.2	10.7	16.1

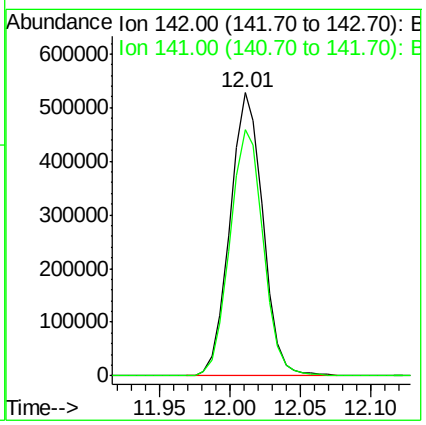


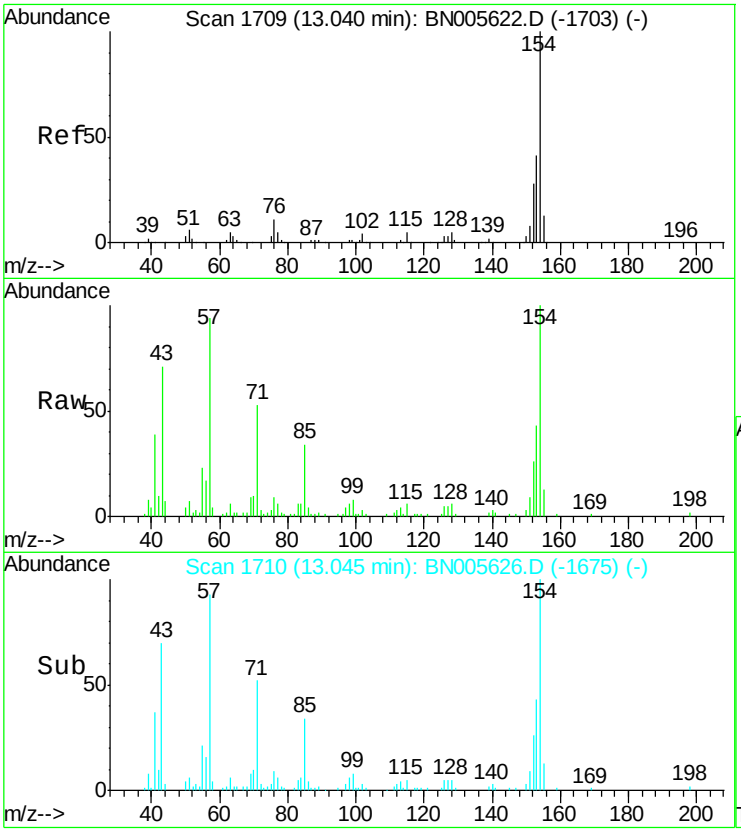


#34
2-Methylnaphthalene
Concen: 26.186 ng/ul
RT: 12.01 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BN005626.D
Acq: 11 May 2019 14:51

Tgt Ion:142 Resp: 859174

Ion	Ratio	Lower	Upper
142	100		
141	87.0	72.0	108.0



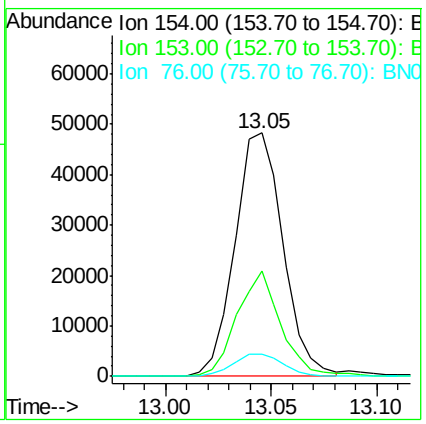


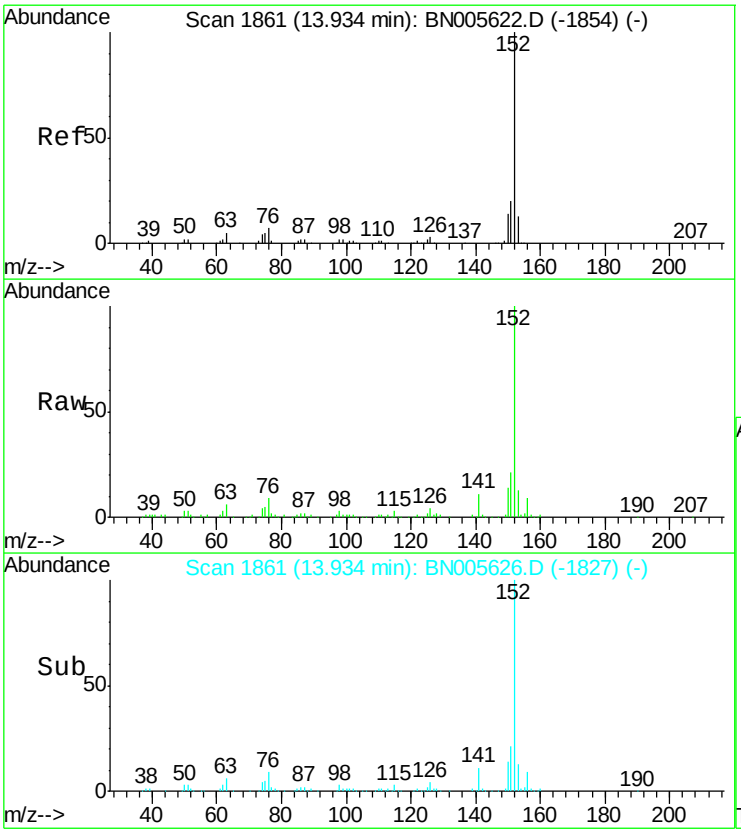
#40
1,1'-Biphenyl
Concen: 1.723 ng/ul
RT: 13.05 min Scan# 1710
Delta R.T. 0.01 min
Lab File: BN005626.D
Acq: 11 May 2019 14:51

Instrument :
BNA_N
ClientSampleId :
GAJ71MEDL

Tgt Ion:154 Resp: 76199

Ion	Ratio	Lower	Upper
154	100		
153	43.5	32.6	49.0
76	9.0	10.4	15.6#

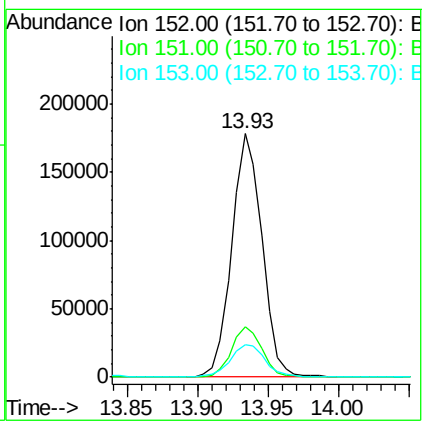


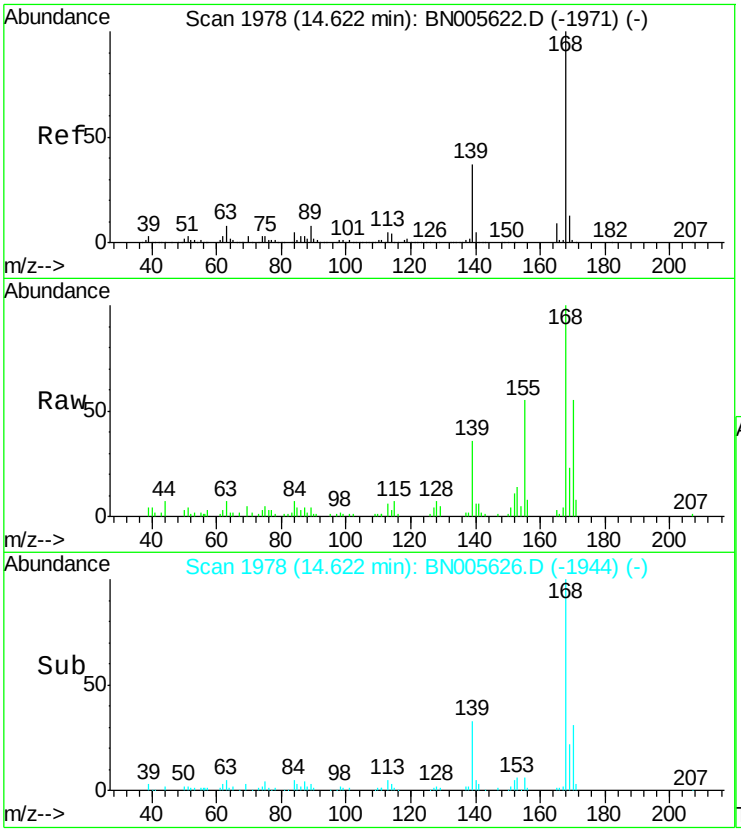


#47
Acenaphthylene
Concen: 5.137 ng/ul
RT: 13.93 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BN005626.D
Acq: 11 May 2019 14:51

Tgt Ion:152 Resp: 267088

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.8
153	13.4	9.8	14.8



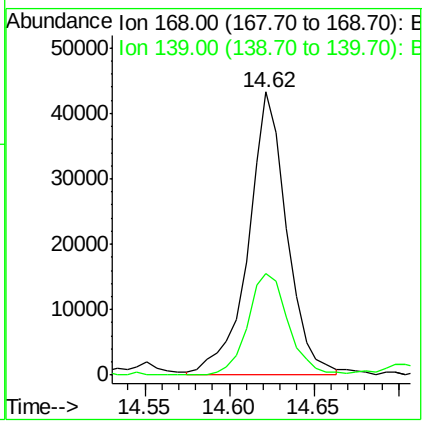


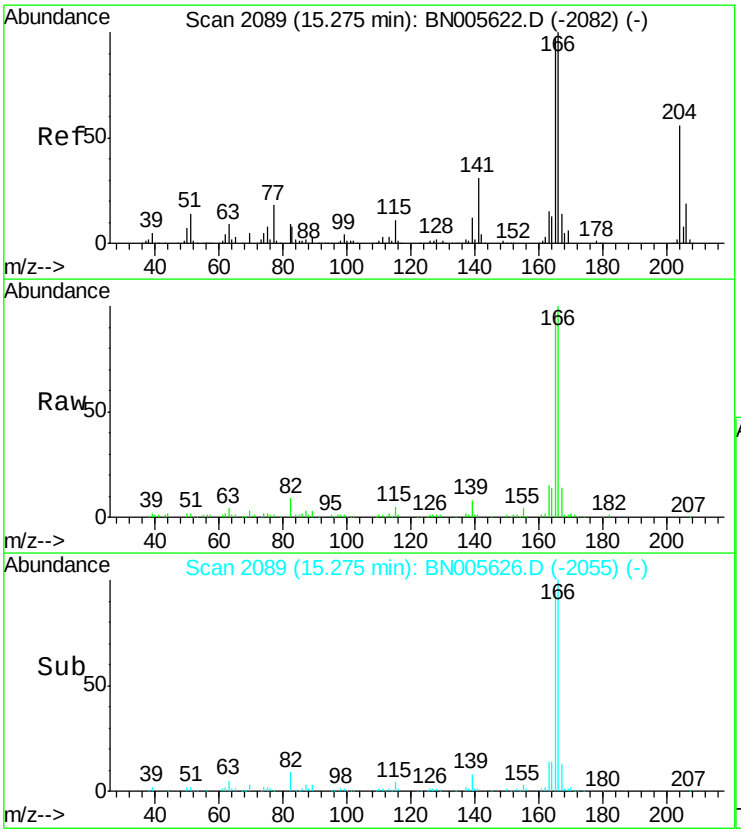
#53
Dibenzofuran
Concen: 1.345 ng/ul
RT: 14.62 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BN005626.D
Acq: 11 May 2019 14:51

Instrument :
BNA_N
ClientSampleId :
GAJ71MEDL

Tgt Ion:168 Resp: 68743

Ion	Ratio	Lower	Upper
168	100		
139	35.7	30.9	46.3

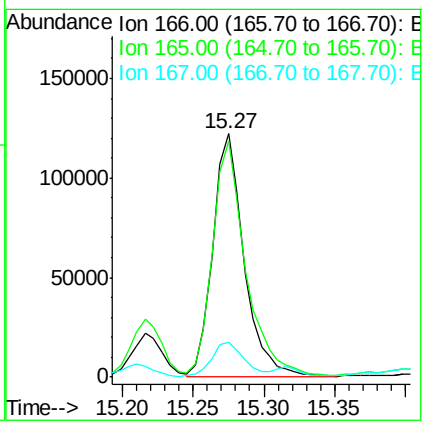


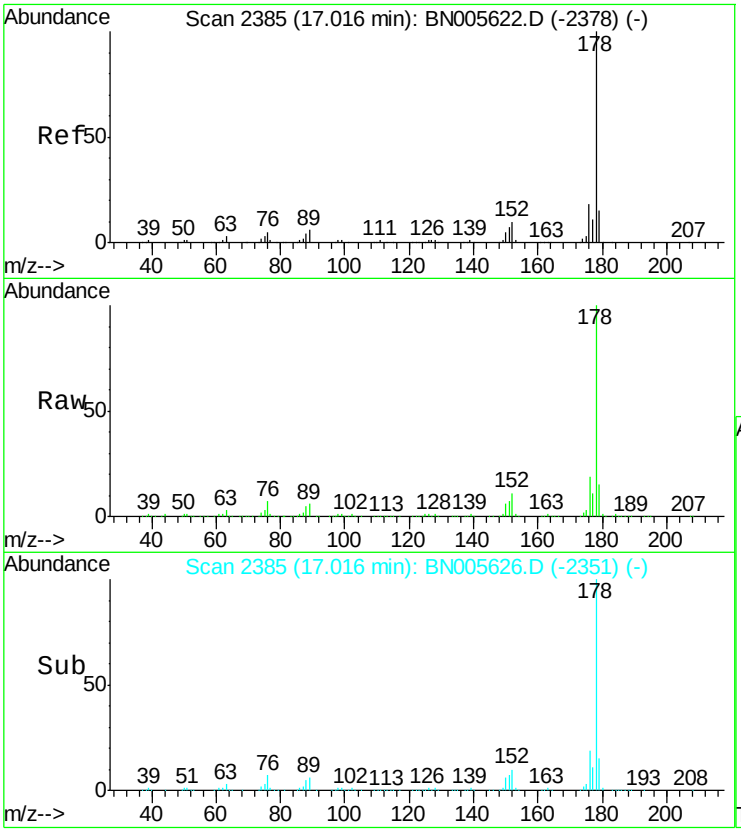


#58
Fluorene
Concen: 4.701 ng/ul
RT: 15.27 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BN005626.D
Acq: 11 May 2019 14:51

Tgt Ion:166 Resp: 187480

Ion	Ratio	Lower	Upper
166	100		
165	96.7	80.0	120.0
167	14.4	10.7	16.1



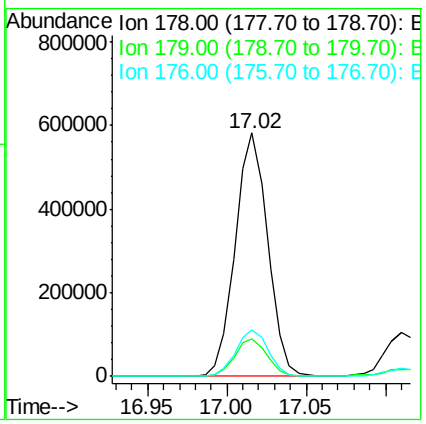


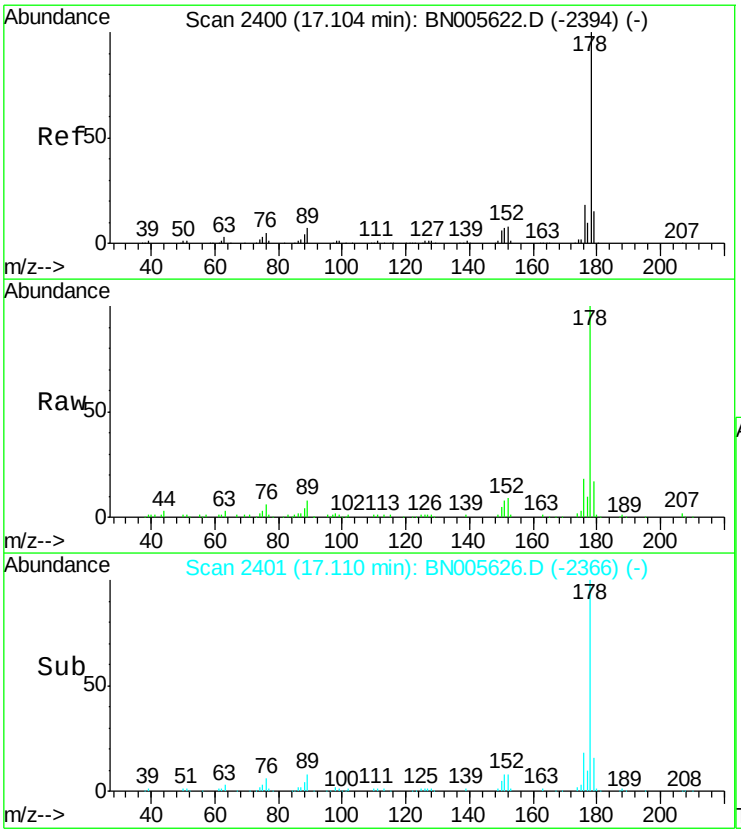
#69
Phenanthrene
Concen: 12.839 ng/ul
RT: 17.02 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BN005626.D
Acq: 11 May 2019 14:51

Instrument :
BNA_N
ClientSampleId :
GAJ71MEDL

Tgt Ion:178 Resp: 826042

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	18.9	15.1	22.7

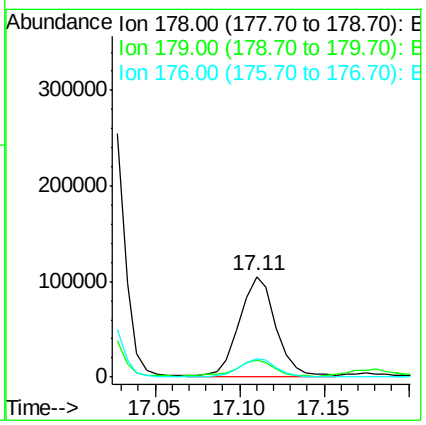


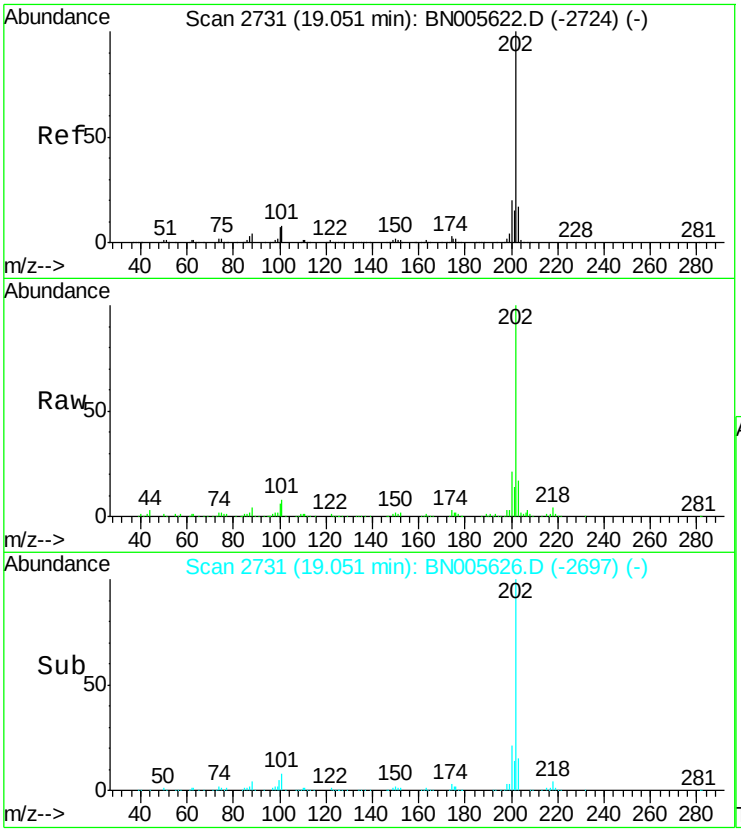


#71
Anthracene
Concen: 2.391 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. 0.01 min
Lab File: BN005626.D
Acq: 11 May 2019 14:51

Tgt Ion:178 Resp: 156733

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.3	18.5
176	18.1	15.1	22.7



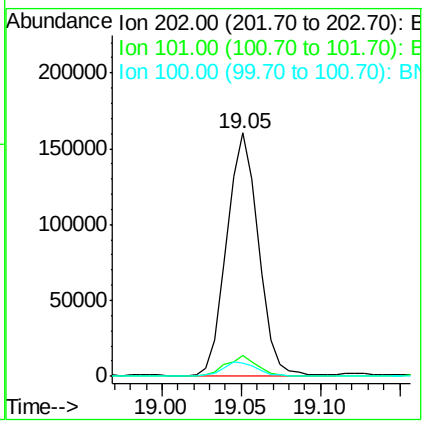


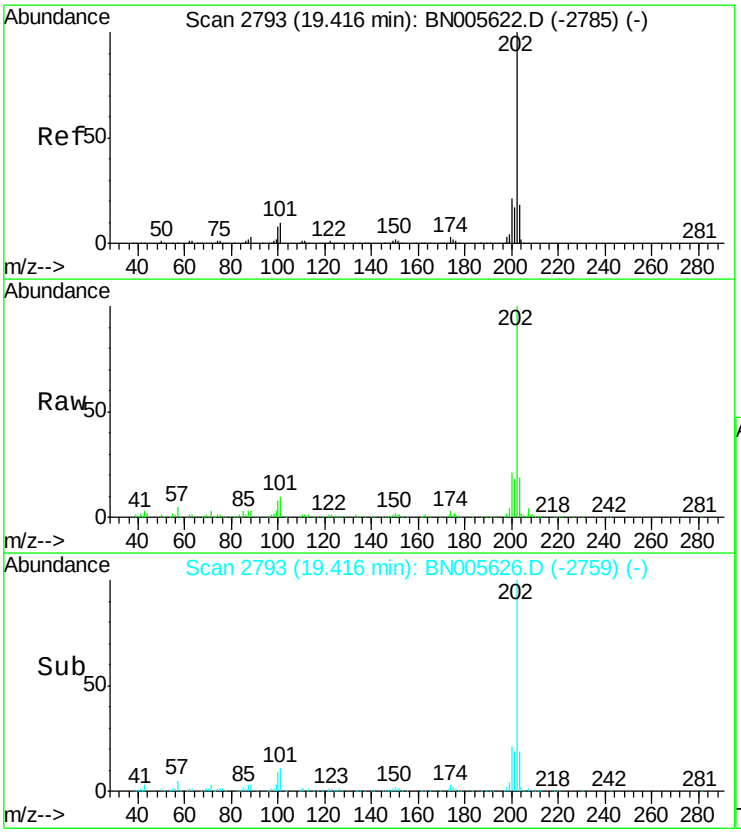
#76
Fluoranthene
Concen: 3.102 ng/ul
RT: 19.05 min Scan# 2731
Delta R.T. -0.00 min
Lab File: BN005626.D
Acq: 11 May 2019 14:51

Instrument :
BNA_N
ClientSampleId :
GAJ71MEDL

Tgt Ion:202 Resp: 221395

Ion	Ratio	Lower	Upper
202	100		
101	8.4	8.6	12.8#
100	5.5	6.3	9.5#

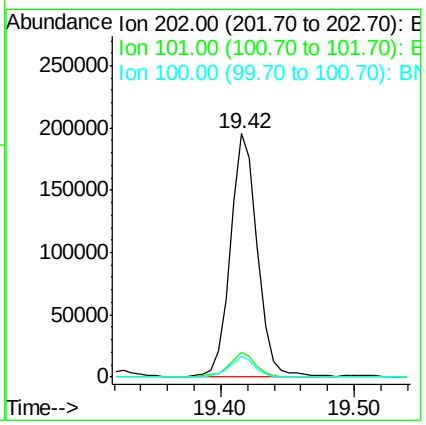


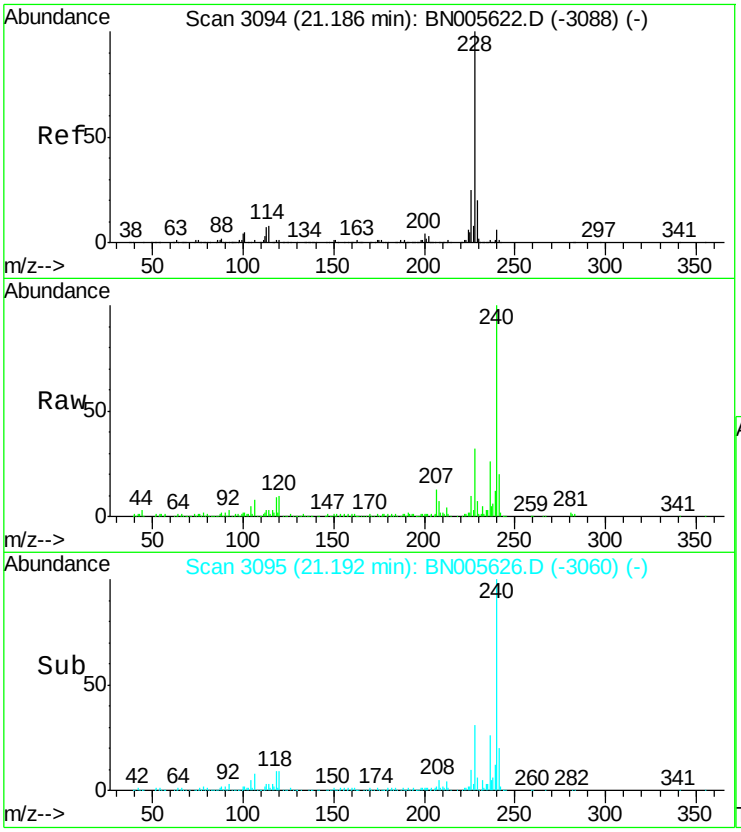


#79
Pyrene
Concen: 4.366 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. -0.00 min
Lab File: BN005626.D
Acq: 11 May 2019 14:51

Tgt Ion:202 Resp: 272644

Ion	Ratio	Lower	Upper
202	100		
101	10.4	10.3	15.5
100	8.5	7.9	11.9



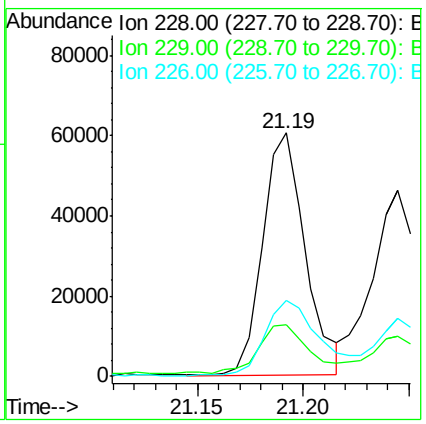


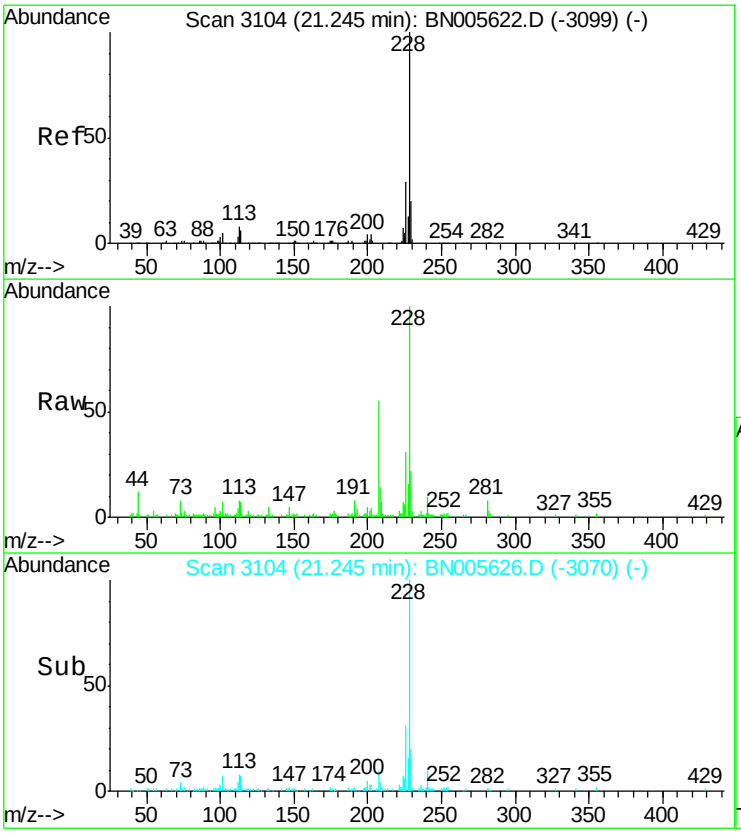
#82
Benzo(a)anthracene
Concen: 1.410 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BN005626.D
Acq: 11 May 2019 14:51

Instrument :
BNA_N
ClientSampleId :
GAJ71MEDL

Tgt Ion:228 Resp: 85046

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.6
226	31.1	21.4	32.2





#84
Chrysene
Concen: 1.278 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BN005626.D
Acq: 11 May 2019 14:51

Tgt Ion:228 Resp: 71553

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.0	36.0
229	21.6	15.4	23.0