Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005458.D
Acq On : 03 May 2019 18:46
Operator : JU/SJ
Sample : K2604-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ88

Quant Time: May 04 01:37:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	304768	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1371789	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	864004	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	2054694	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1917415	20.00	ng/ul	-0.01
85) Perylene-d12	23.40	264	1736421	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	27878	4.42	ng/uL	0.00
5) Phenol-d5	6.78	99	636456	26.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	360018	24.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	506378	27.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	539627	28.84	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	272570	32.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	298491	34.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	560230	28.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	775833	38.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1857335	29.61	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	2332035	30.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	253662	25.61	ng/ul	0.00
57) Fluorene-d10	15.22	176	1641524	31.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	186533	20.18	ng/ul	0.00
70) Anthracene-d10	17.07	188	2629029	30.52	ng/ul	0.00
78) Pyrene-d10	19.39	212	2938511	29.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	2361597	31.12	ng/ul	-0.02
Target Compounds						Qvalue
6) Phenol	6.80	94	47947	1.947	ng/ul	95
28) Naphthalene	10.40	128	431769	6.770	ng/ul	98
40) 1,1'-Biphenyl	13.05	154	91761	1.425	ng/ul	97
44) Dimethylphthalate	13.69	163	604387	9.671	ng/ul	100
47) Acenaphthylene	13.94	152	94259	1.245	ng/ul	97
53) Dibenzofuran	14.63	168	146145	1.964	ng/ul	96
58) Fluorene	15.27	166	700123	12.058	ng/ul	98
69) Phenanthrene	17.02	178	654231	6.538	ng/ul	99
71) Anthracene	17.11	178	1255923	12.320	ng/ul	99
74) Carbazole	17.39	167	2735201	31.235	ng/ul	98
76) Fluoranthene	19.05	202	209211	1.885	ng/ul	97
79) Pyrene	19.42	202	261596	2.119	ng/ul	96

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

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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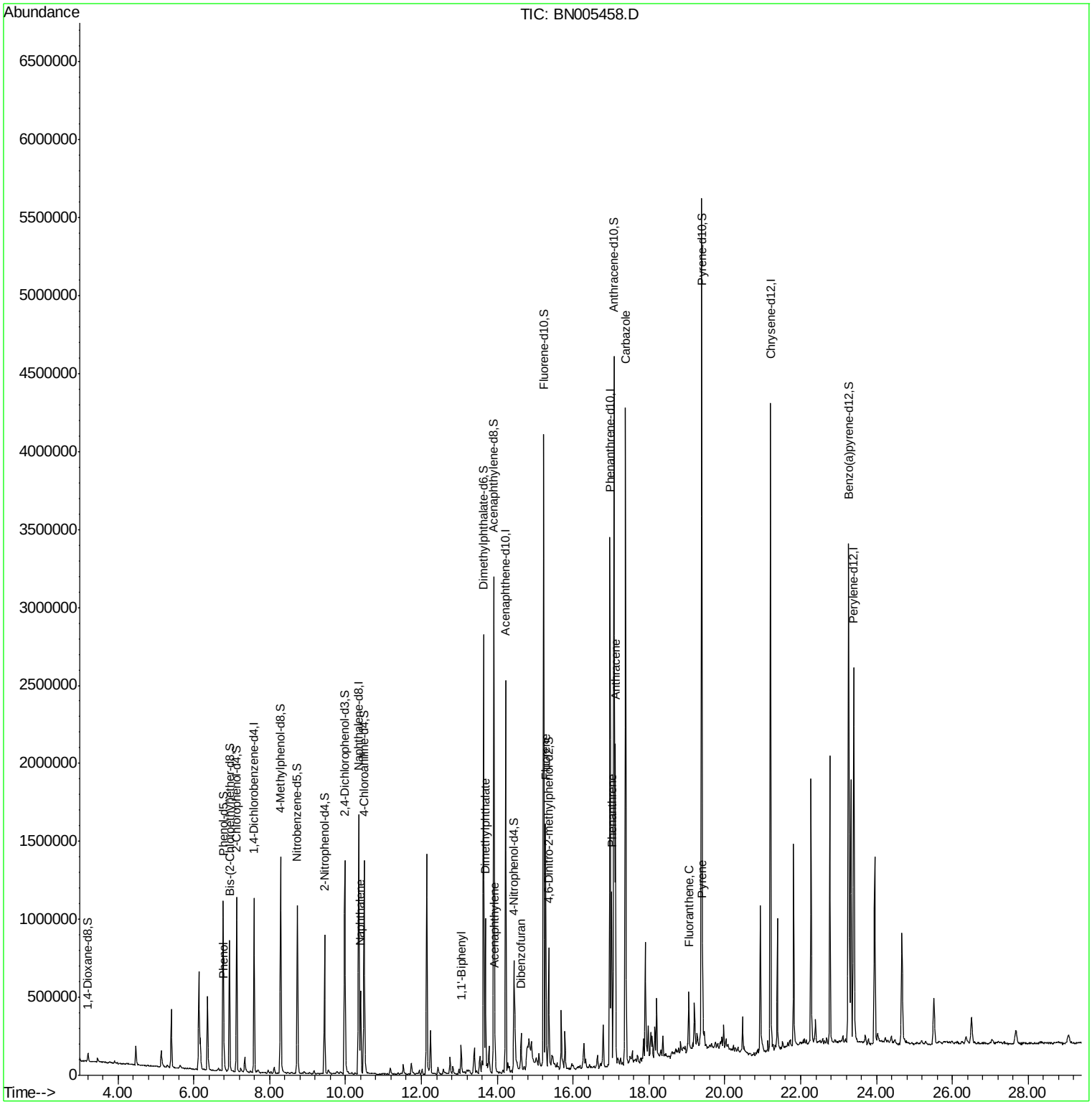
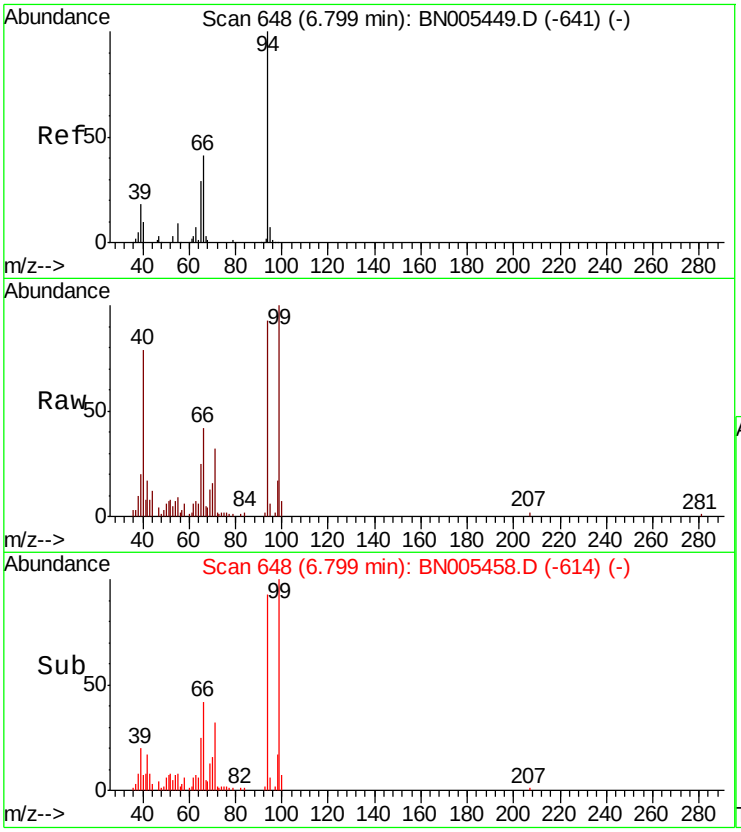
ClientSampleId :
GAJ88

Quant Time: May 04 01:37:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration



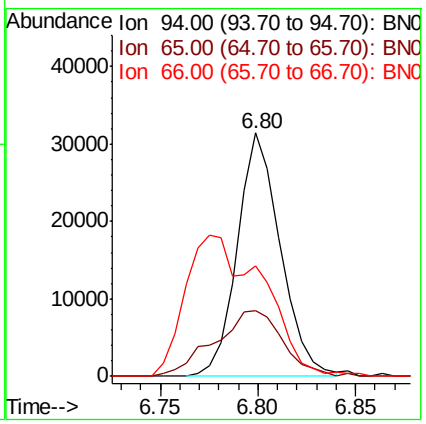


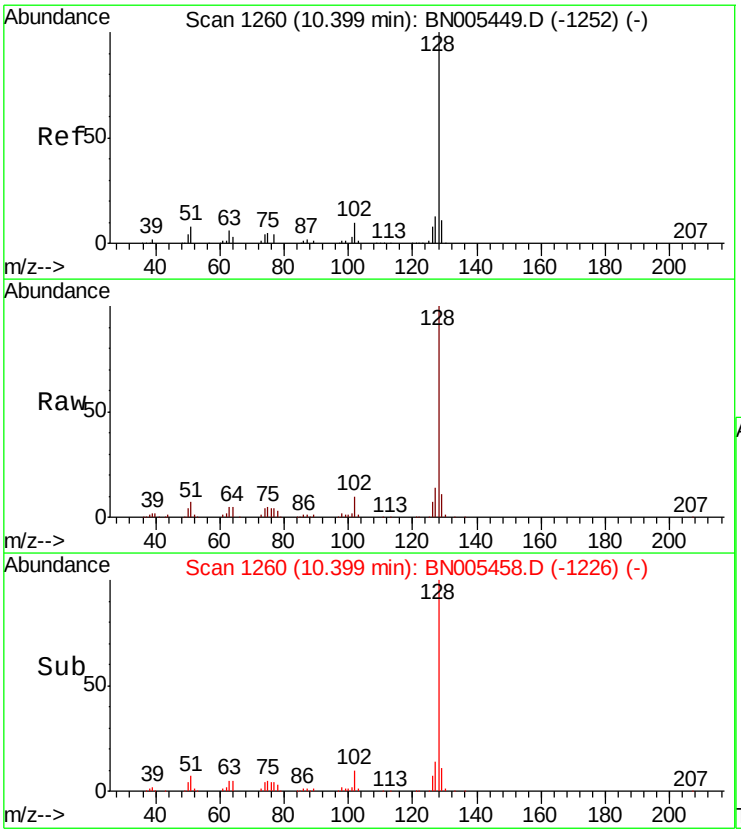
#6
Phenol
Concen: 1.947 ng/ul
RT: 6.80 min Scan# 648
Delta R.T. -0.00 min
Lab File: BN005458.D
Acq: 03 May 2019 18:46

Instrument :
BNA_N
ClientSampleId :
GAJ88

Tgt Ion: 94 Resp: 47947

Ion	Ratio	Lower	Upper
94	100		
65	26.9	24.2	36.4
66	45.3	33.8	50.6

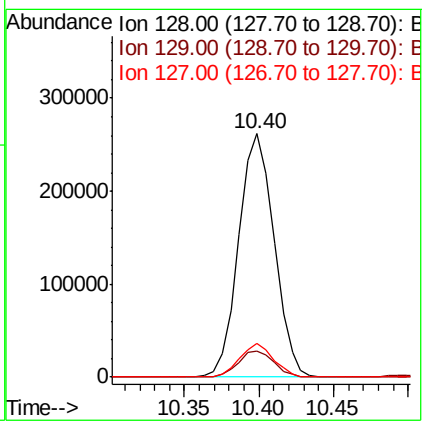


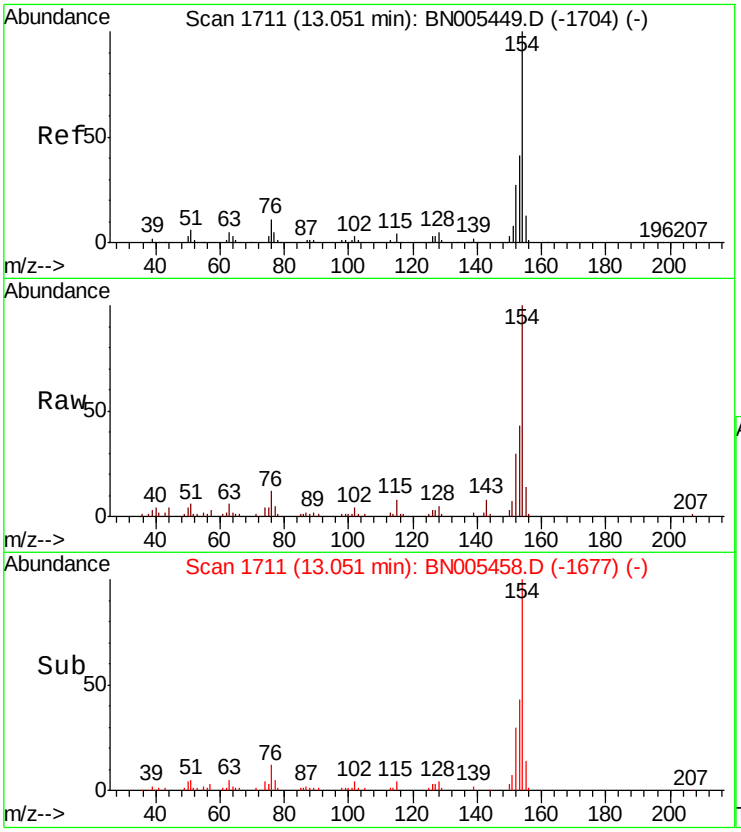


#28
Naphthalene
Concen: 6.770 ng/ul
RT: 10.40 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BN005458.D
Acq: 03 May 2019 18:46

Tgt Ion:128 Resp: 431769

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.2	13.8
127	13.7	10.7	16.1



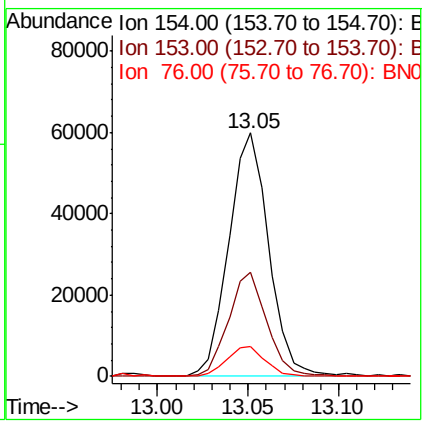


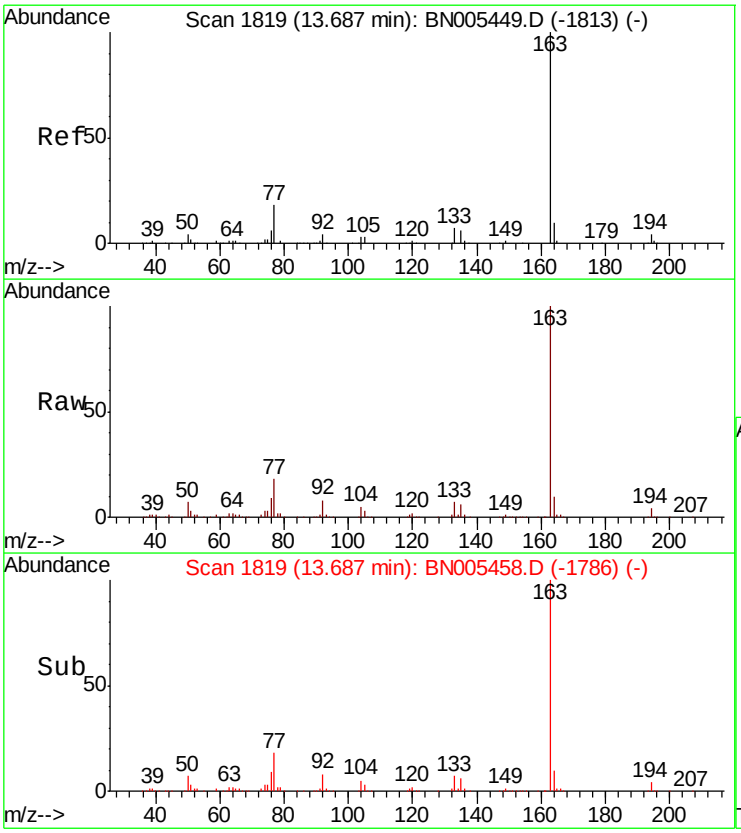
#40
1,1'-Biphenyl
Concen: 1.425 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BN005458.D
Acq: 03 May 2019 18:46

Instrument :
BNA_N
ClientSampleId :
GAJ88

Tgt Ion:154 Resp: 91761

Ion	Ratio	Lower	Upper
154	100		
153	42.7	32.6	49.0
76	12.1	10.4	15.6

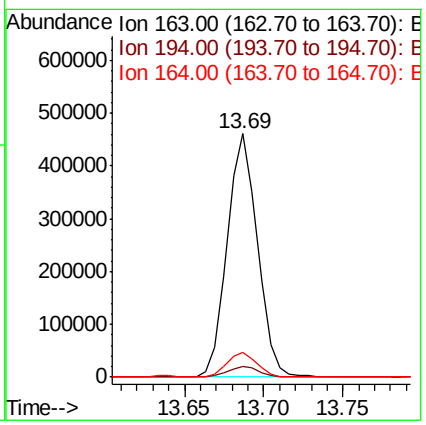


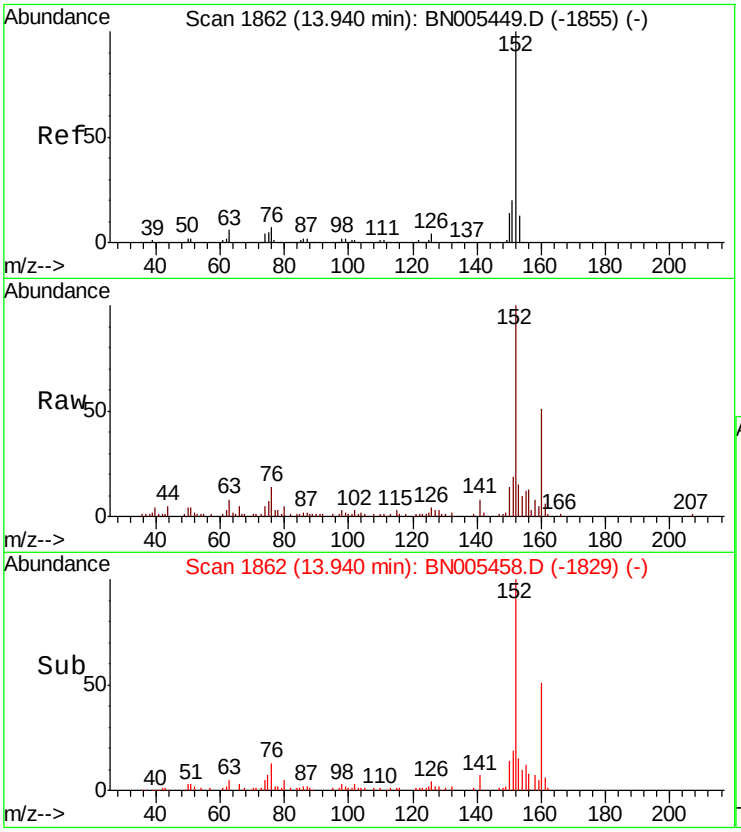


#44
Dimethylphthalate
Concen: 9.671 ng/ul
RT: 13.69 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BN005458.D
Acq: 03 May 2019 18:46

Tgt Ion:163 Resp: 604387

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.2	8.1	12.1



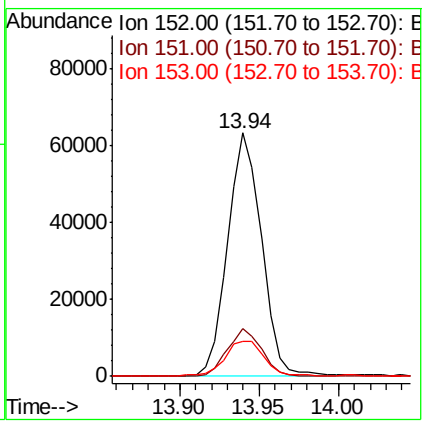


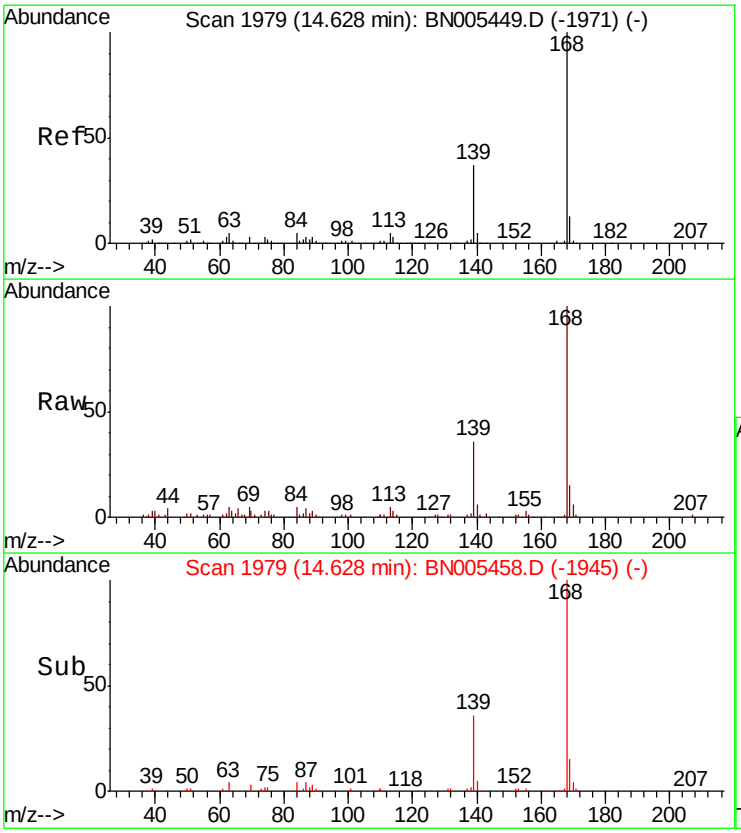
#47
Acenaphthylene
Concen: 1.245 ng/ul
RT: 13.94 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BN005458.D
Acq: 03 May 2019 18:46

Instrument :
BNA_N
ClientSampleId :
GAJ88

Tgt Ion:152 Resp: 94259

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8
153	14.6	9.8	14.8

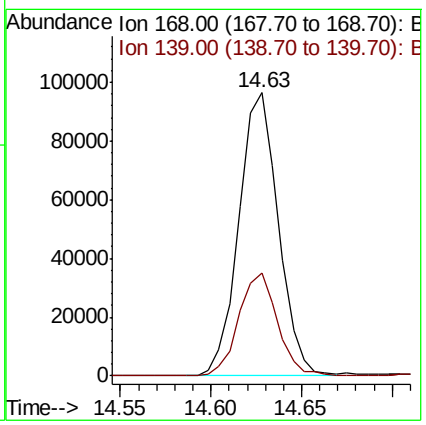


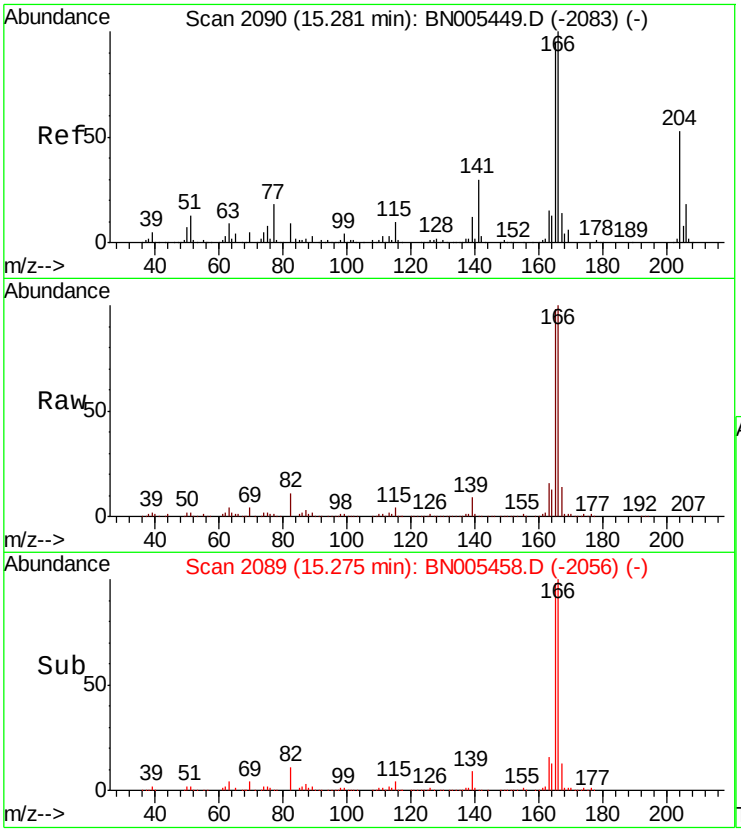


#53
Dibenzofuran
Concen: 1.964 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BN005458.D
Acq: 03 May 2019 18:46

Tgt Ion:168 Resp: 146145

Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.9	46.3



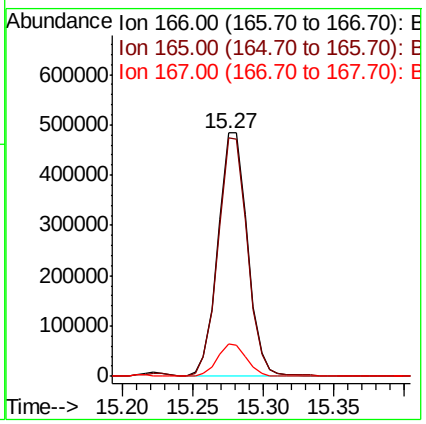


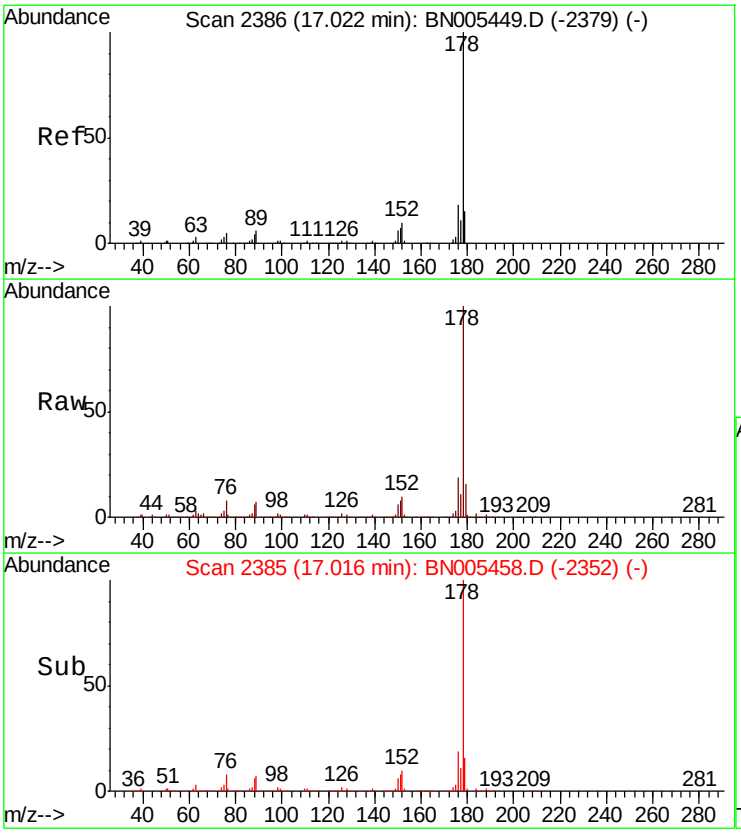
#58
Fluorene
Concen: 12.058 ng/ul
RT: 15.27 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BN005458.D
Acq: 03 May 2019 18:46

Instrument :
BNA_N
ClientSampleId :
GAJ88

Tgt Ion:166 Resp: 700123

Ion	Ratio	Lower	Upper
166	100		
165	97.8	80.0	120.0
167	13.5	10.7	16.1

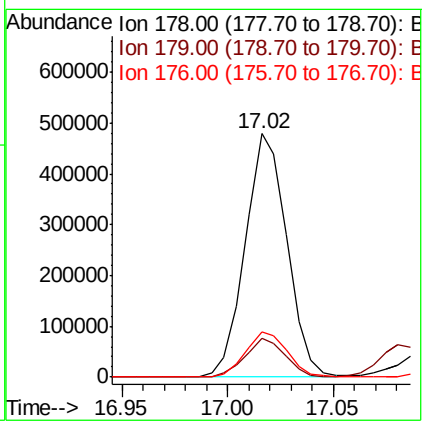


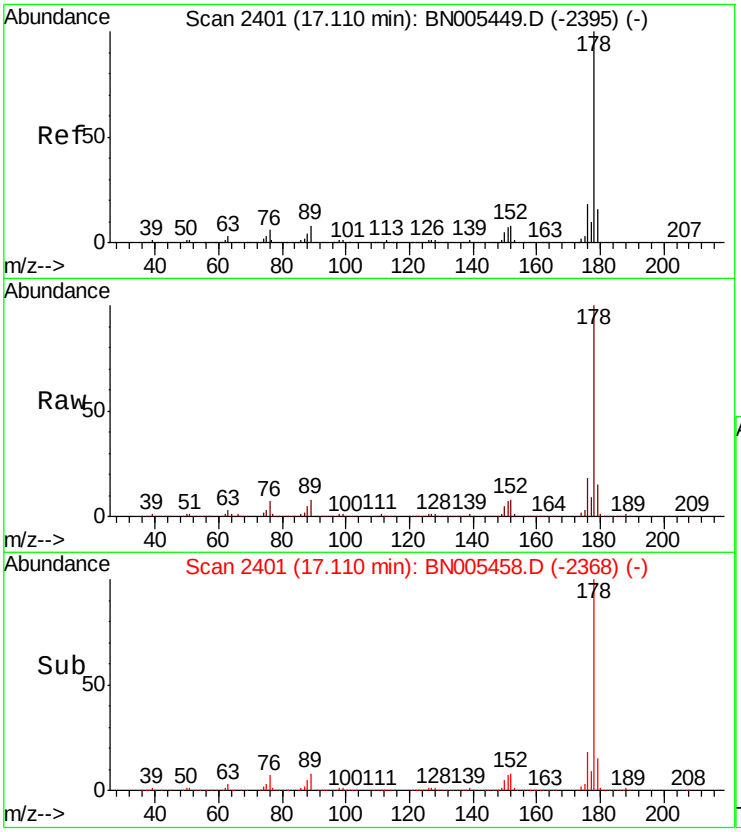


#69
Phenanthrene
Concen: 6.538 ng/ul
RT: 17.02 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BN005458.D
Acq: 03 May 2019 18:46

Tgt Ion:178 Resp: 654231

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	18.6	15.1	22.7



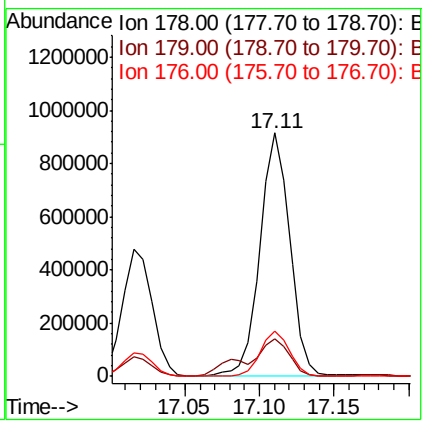


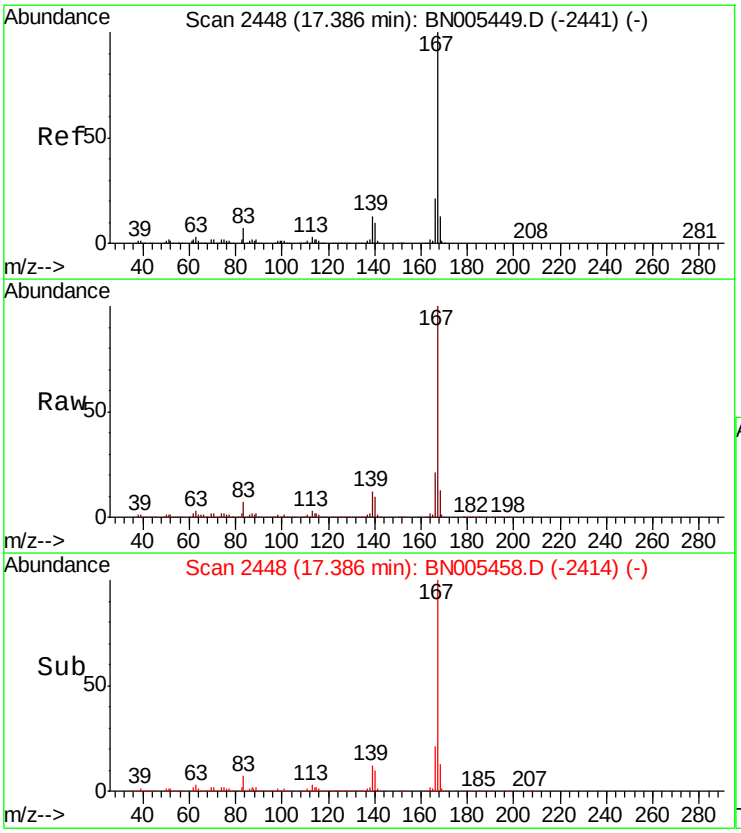
#71
Anthracene
Concen: 12.320 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BN005458.D
Acq: 03 May 2019 18:46

Instrument :
BNA_N
ClientSampleId :
GAJ88

Tgt Ion:178 Resp: 1255923

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.4	15.1	22.7

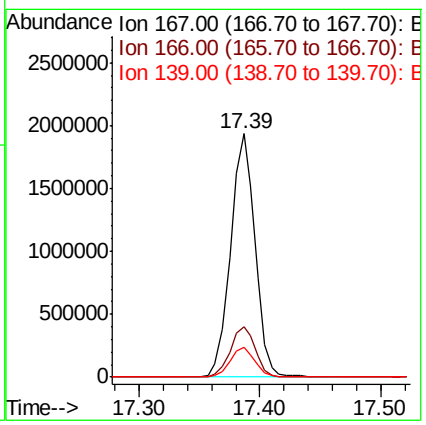


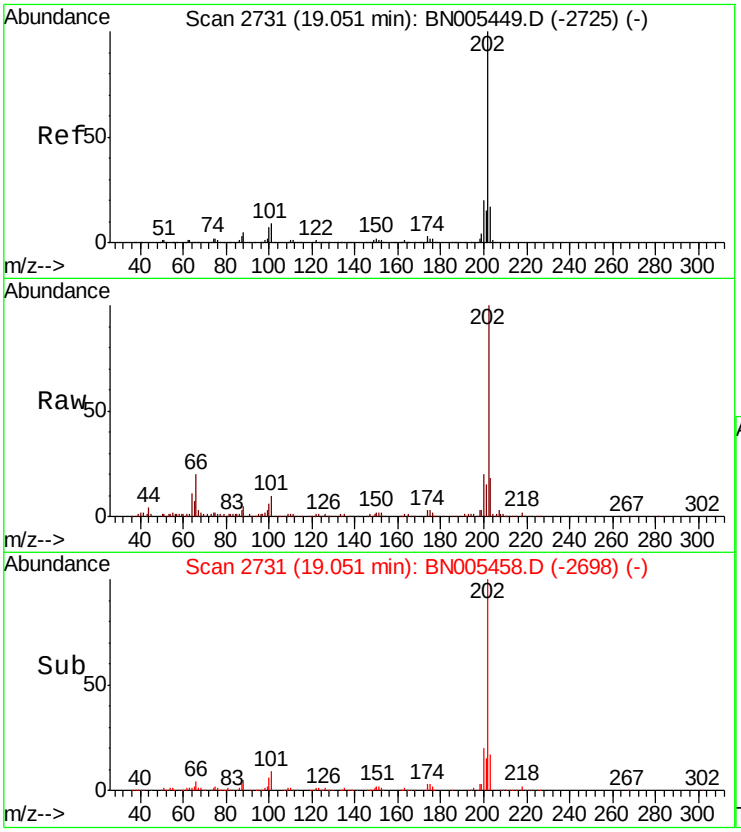


#74
Carbazole
Concen: 31.235 ng/ul
RT: 17.39 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BN005458.D
Acq: 03 May 2019 18:46

Tgt Ion:167 Resp: 2735201

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.2	25.8
139	12.0	10.6	16.0



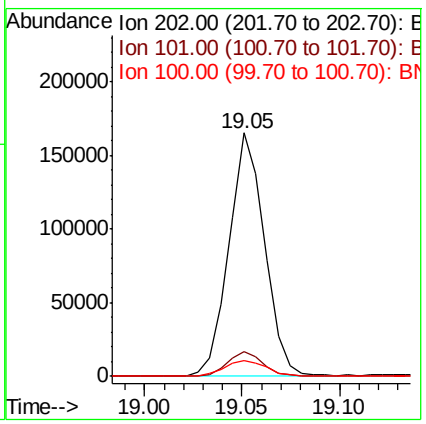


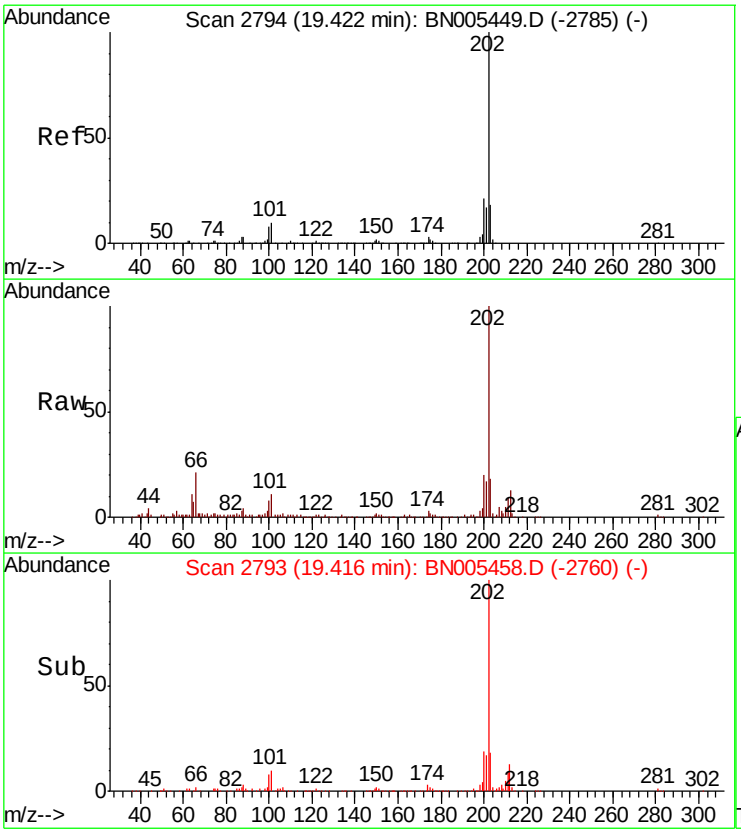
#76
Fluoranthene
Concen: 1.885 ng/ul
RT: 19.05 min Scan# 2731
Delta R.T. -0.01 min
Lab File: BN005458.D
Acq: 03 May 2019 18:46

Instrument :
BNA_N
ClientSampleId :
GAJ88

Tgt Ion:202 Resp: 209211

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.6	12.8
100	6.5	6.3	9.5





#79
Pyrene
Concen: 2.119 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BN005458.D
Acq: 03 May 2019 18:46

Tgt Ion:202 Resp: 261596

Ion	Ratio	Lower	Upper
202	100		
101	11.0	10.3	15.5
100	8.4	7.9	11.9