Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006097.D
Acq On : 05 Jun 2019 13:52
Operator : JU/SJ
Sample : K3045-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C52

Quant Time: Jun 05 16:15:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 04 17:47:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	311159	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1363190	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	808446	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1684776	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	1560829	20.00	ng/ul	0.00
85) Perylene-d12	23.52	264	1765239	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	53145	7.40	ng/uL	0.00
5) Phenol-d5	6.82	99	223395	8.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	494726	34.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	554078	27.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	376271	19.53	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	352693	36.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	354951	32.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	586647	30.06	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.71	166	1823926	31.80	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	2315886	31.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	86777	8.57	ng/ul	0.00
57) Fluorene-d10	15.30	176	1570007	32.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	237067	25.15	ng/ul	0.00
70) Anthracene-d10	17.15	188	2388950	33.23	ng/ul	0.00
78) Pyrene-d10	19.46	212	2622689	34.77	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	2565804	32.64	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.48	128	2107334	32.780	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	342921	7.652	ng/ul	100
40) 1,1'-Biphenyl	13.13	154	152519	2.512	ng/ul	98
58) Fluorene	15.35	166	58225	1.074	ng/ul	98

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

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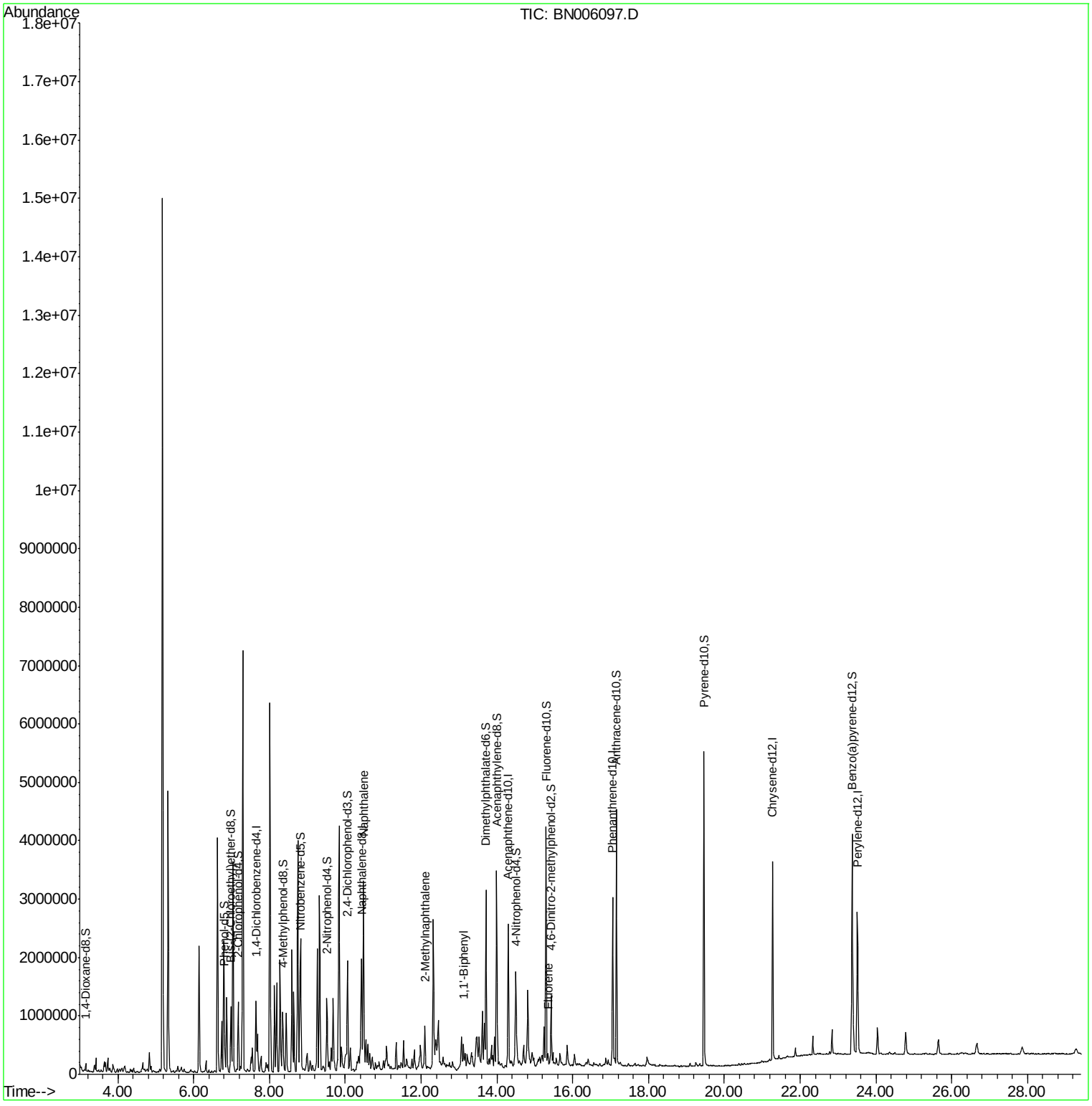
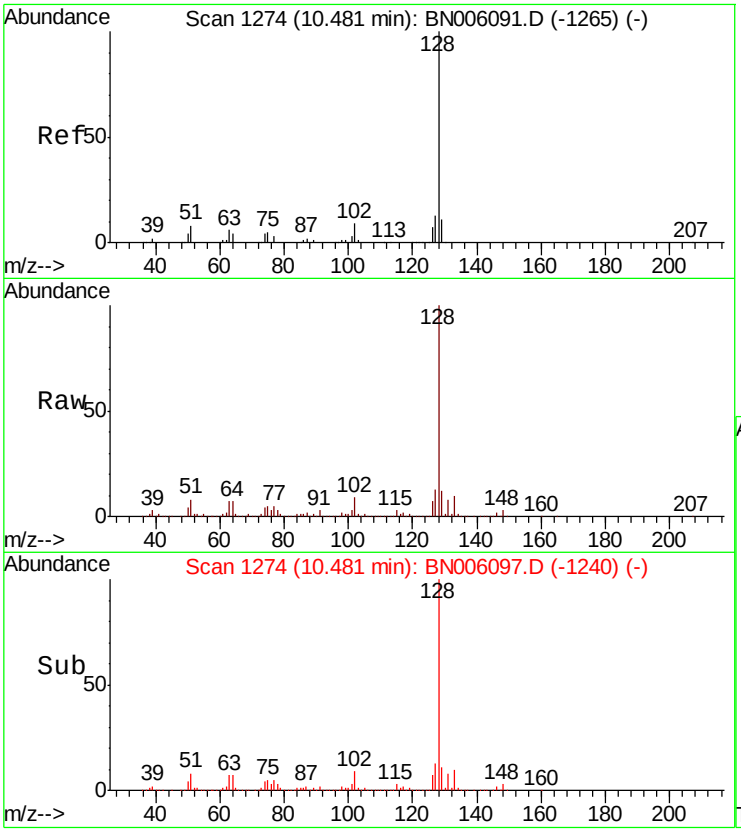


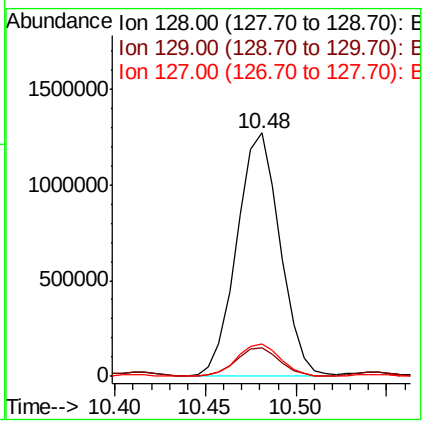


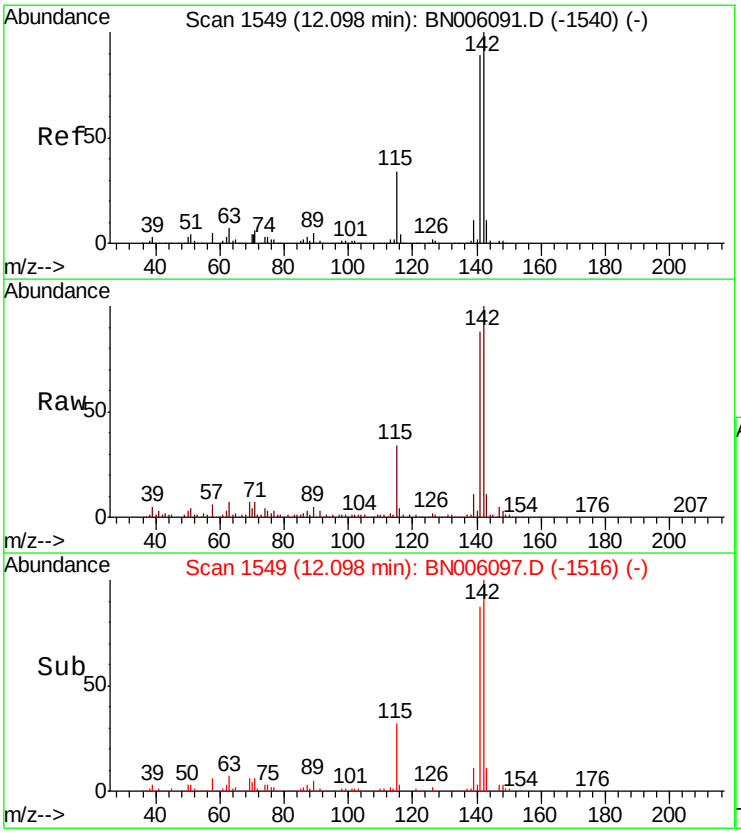
#28
Naphthalene
Concen: 32.780 ng/ul
RT: 10.48 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BN006097.D
Acq: 05 Jun 2019 13:52

Instrument :
BNA_N
ClientSampleId :
C0C52

Tgt Ion:128 Resp: 2107334

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.5	12.7
127	13.4	10.3	15.5

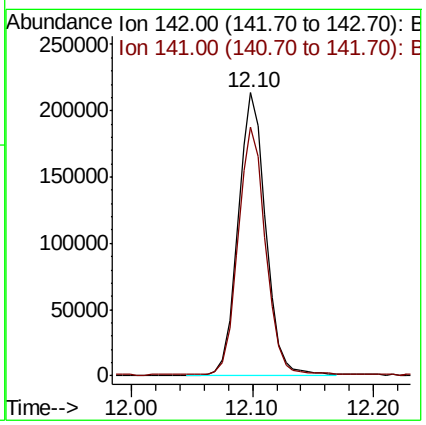


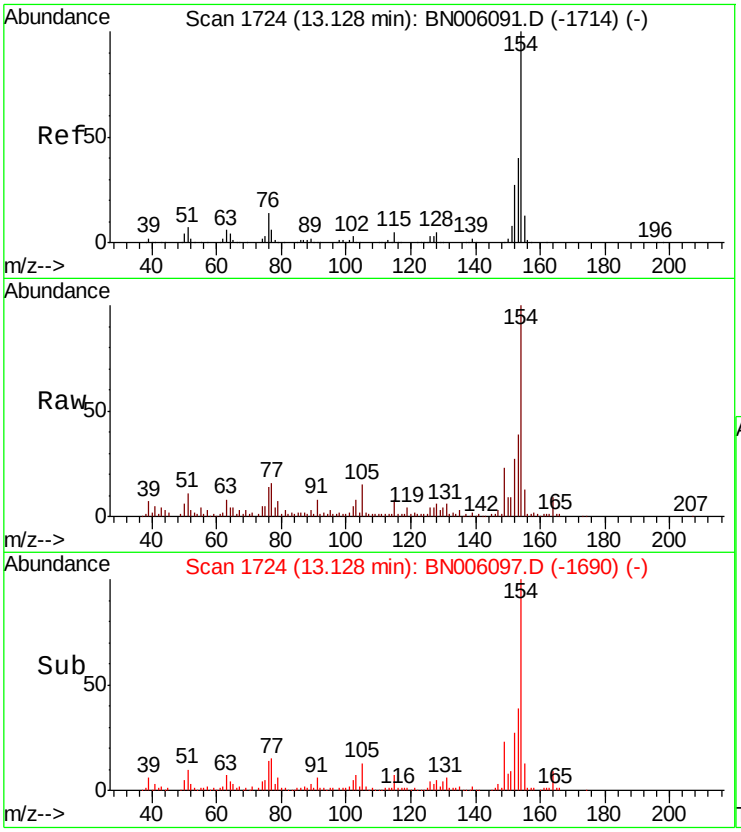


#34
2-Methylnaphthalene
Concen: 7.652 ng/ul
RT: 12.10 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BN006097.D
Acq: 05 Jun 2019 13:52

Tgt Ion:142 Resp: 342921

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.5	105.7



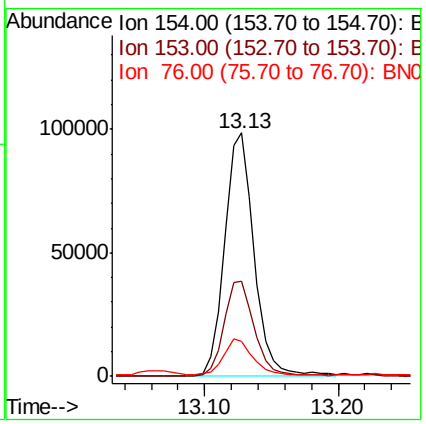


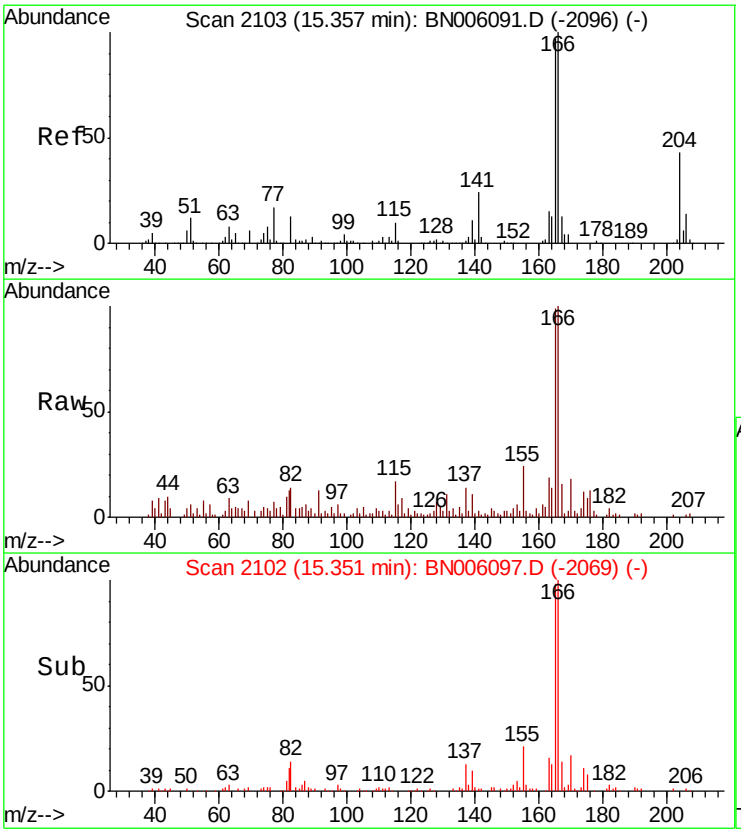
#40
1,1'-Biphenyl
Concen: 2.512 ng/ul
RT: 13.13 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BN006097.D
Acq: 05 Jun 2019 13:52

Instrument :
BNA_N
ClientSampleId :
C0C52

Tgt Ion:154 Resp: 152519

Ion	Ratio	Lower	Upper
154	100		
153	39.3	32.3	48.5
76	14.4	10.6	15.8





#58
Fluorene
Concen: 1.074 ng/ul
RT: 15.35 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BN006097.D
Acq: 05 Jun 2019 13:52

Tgt Ion:166 Resp: 58225

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.3	117.5
167	15.9	10.8	16.2