Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012187.D
Acq On : 14 Oct 2020 08:05
Operator : CG/JU
Sample : L4360-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7X0

Quant Time: Oct 14 08:39:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 14 05:54:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	280418	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1142233	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	714846	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1504237	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	1439375	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	1434442	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	40782	6.43	ng/uL	0.00
5) Phenol-d5	6.81	99	148032	6.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	327522	22.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	400764	20.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	278577	14.23	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	225359	24.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	256909	24.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	492787	25.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	588363	24.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1613445	27.57	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1959873	28.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	45730	4.19	ng/ul	0.02
58) Fluorene-d10	15.27	176	1337806	26.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	118262	11.86	ng/ul	0.00
71) Anthracene-d10	17.12	188	2058869	27.96	ng/ul	0.00
79) Pyrene-d10	19.42	212	2287682	30.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	2401756	29.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	67654	9.424	ng/uL	96
6) Phenol	6.83	94	29584	1.160	ng/ul	96
28) Naphthalene	10.45	128	102817	1.537	ng/ul	98
45) Dimethylphthalate	13.73	163	152751	2.501	ng/ul	99
50) Acenaphthene	14.33	153	262233	5.153	ng/ul	97
54) Dibenzofuran	14.67	168	135627	1.914	ng/ul	99
59) Fluorene	15.32	166	123541	2.073	ng/ul	100

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

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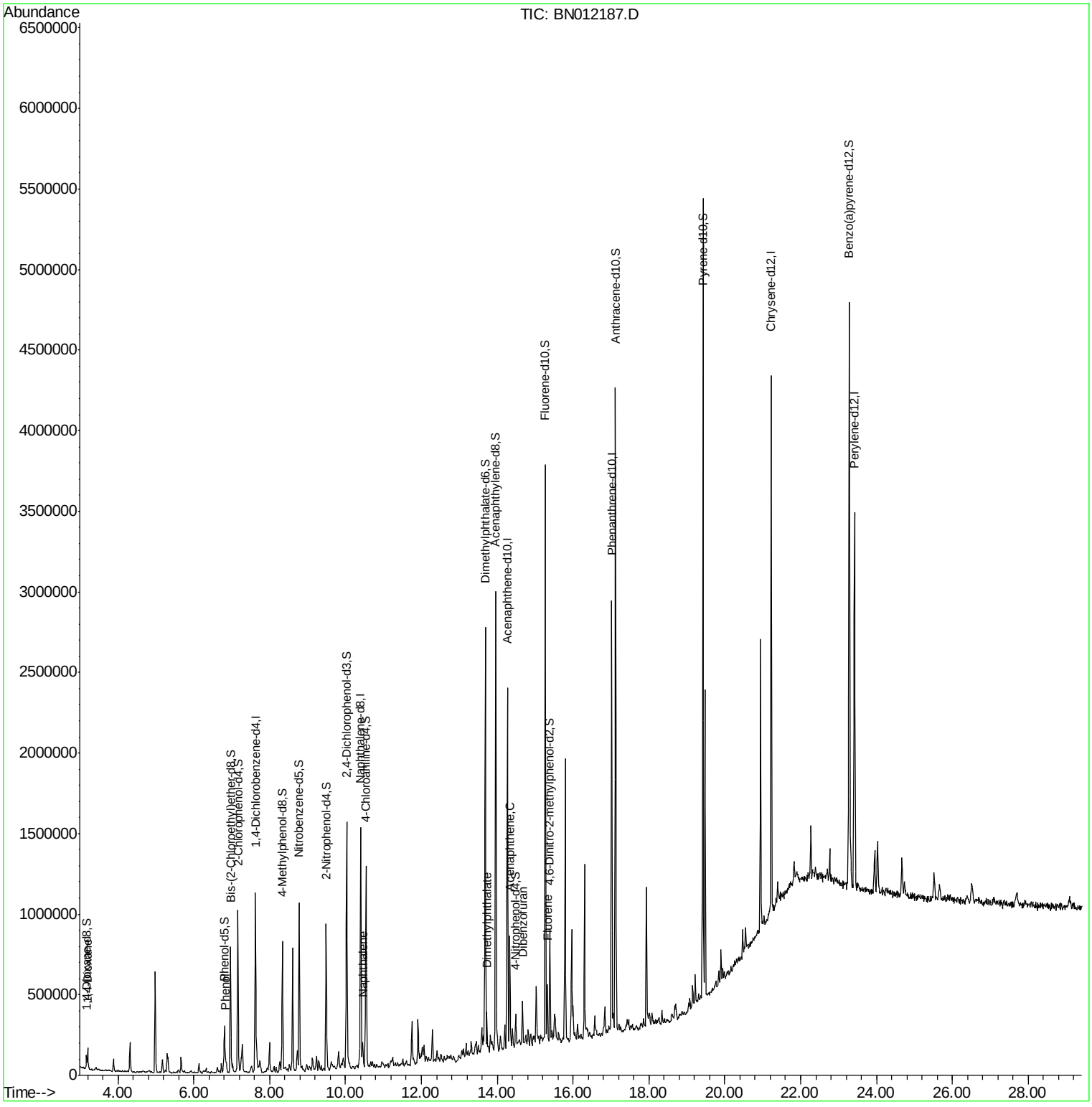
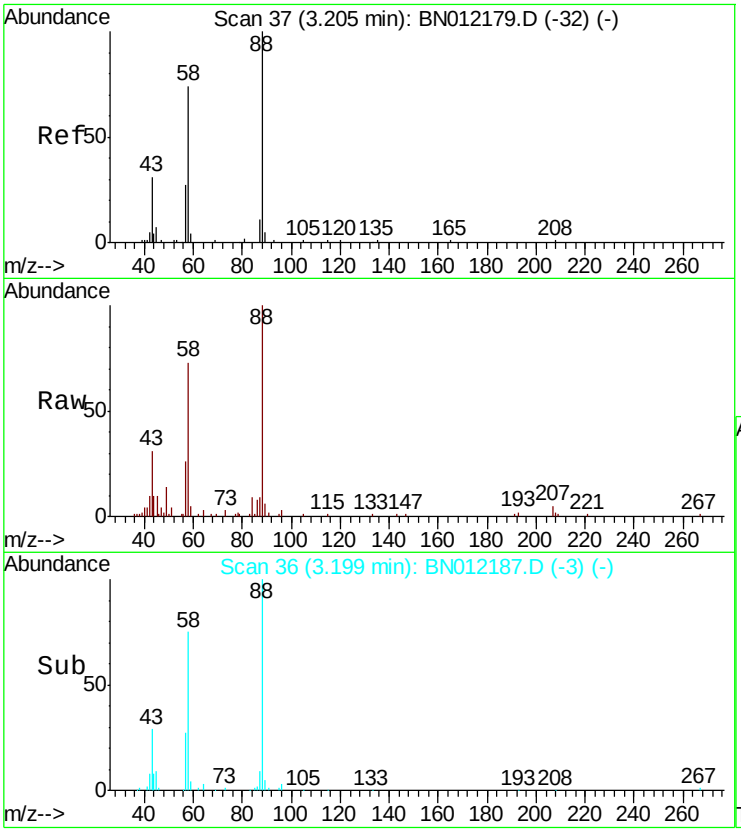


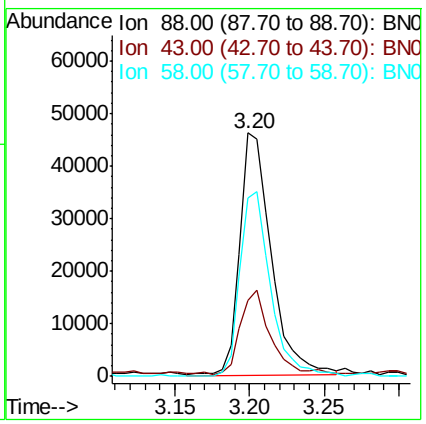


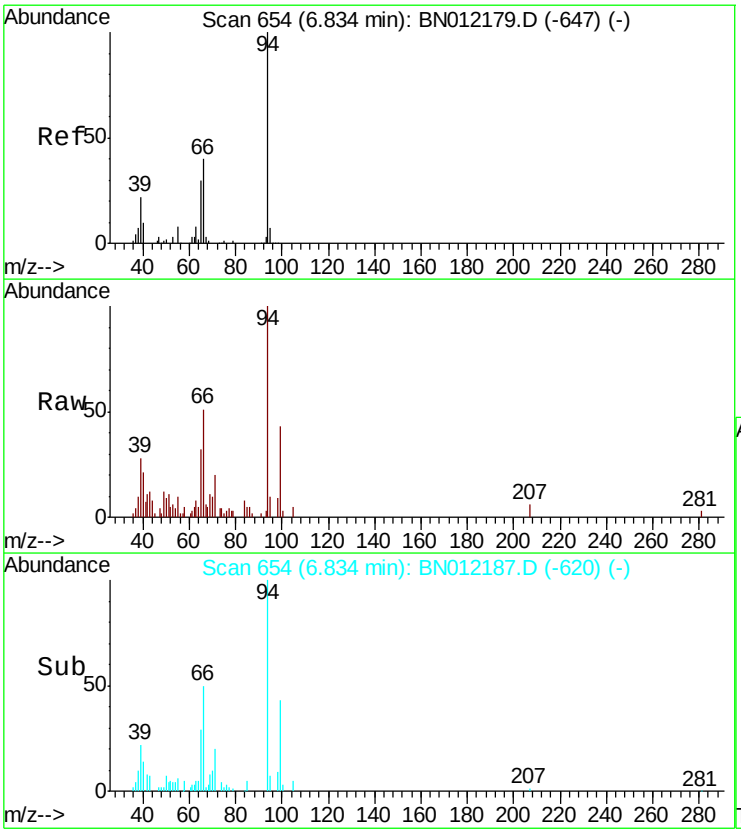
#2
1,4-Dioxane
Concen: 9.424 ng/uL
RT: 3.20 min Scan# 36
Delta R.T. -0.01 min
Lab File: BN012187.D
Acq: 14 Oct 2020 08:05

Instrument :
BNA_N
ClientSampleId :
CB7X0

Tgt Ion: 88 Resp: 67654

Ion	Ratio	Lower	Upper
88	100		
43	31.0	26.5	39.7
58	73.0	61.0	91.4

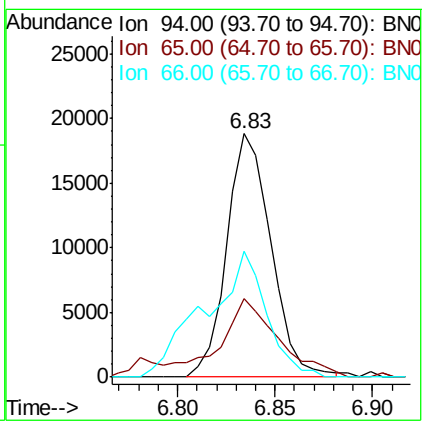


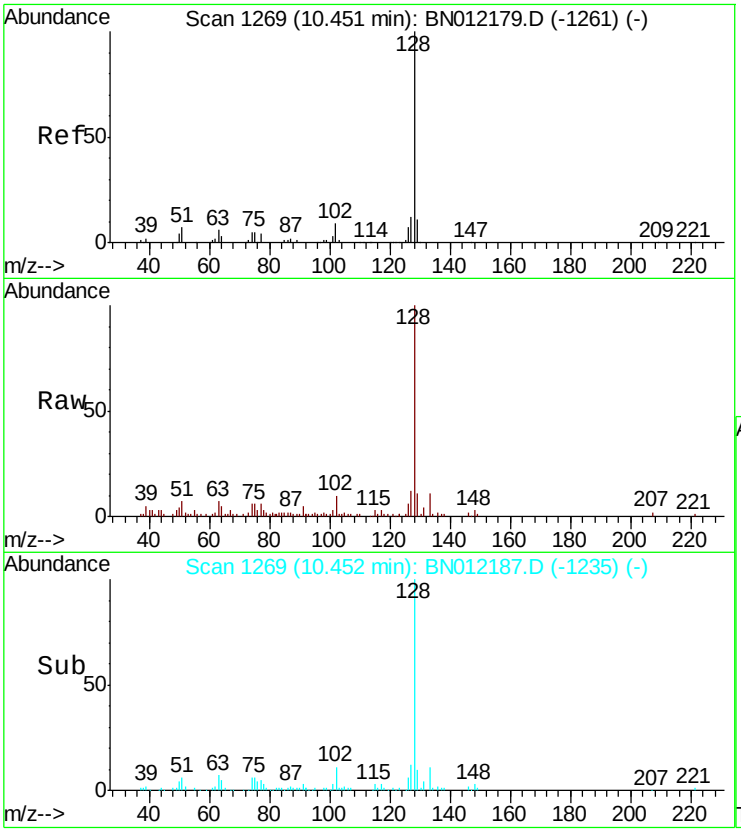


#6
Phenol
Concen: 1.160 ng/ul
RT: 6.83 min Scan# 654
Delta R.T. 0.00 min
Lab File: BN012187.D
Acq: 14 Oct 2020 08:05

Tgt Ion: 94 Resp: 29584

Ion	Ratio	Lower	Upper
94	100		
65	32.3	26.8	40.2
66	51.5	37.9	56.9



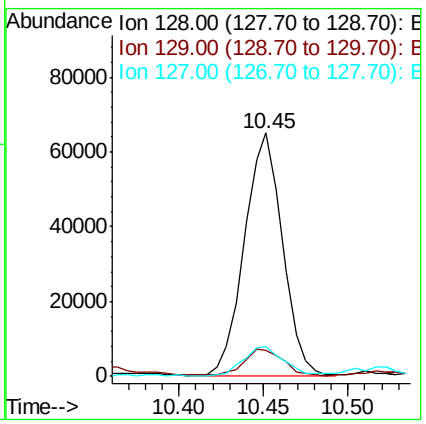


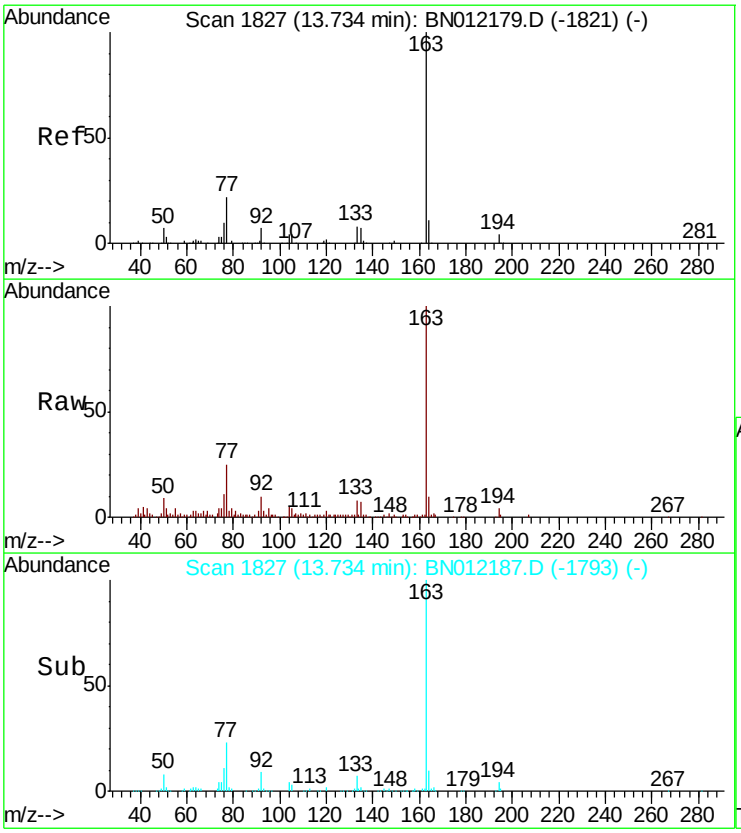
#28
Naphthalene
Concen: 1.537 ng/ul
RT: 10.45 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BN012187.D
Acq: 14 Oct 2020 08:05

Instrument :
BNA_N
ClientSampleId :
CB7X0

Tgt Ion:128 Resp: 102817

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.0	10.7	16.1

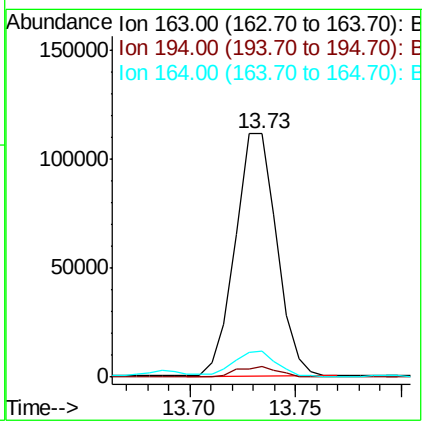


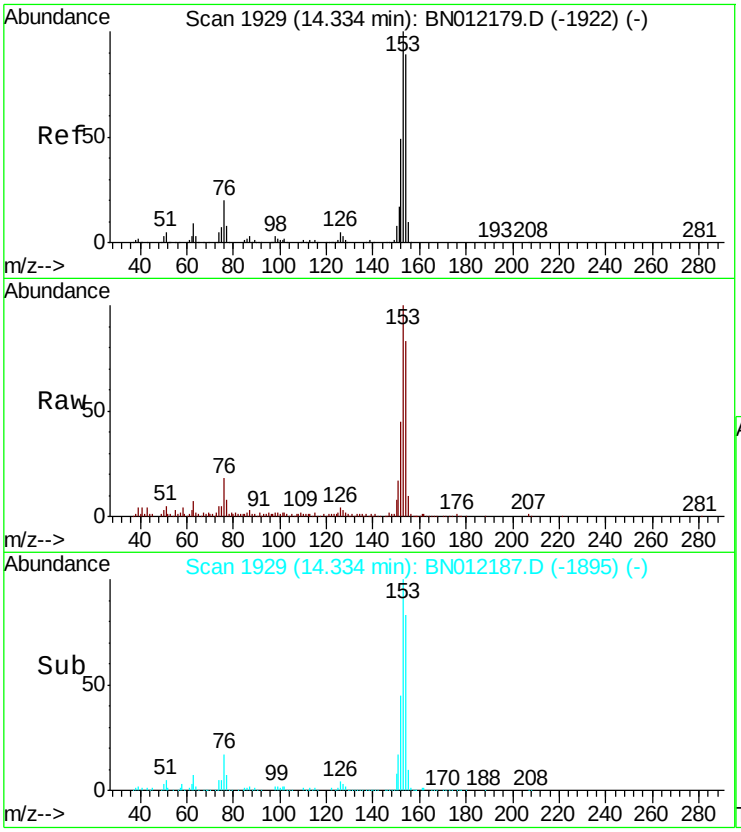


#45
Dimethylphthalate
Concen: 2.501 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BN012187.D
Acq: 14 Oct 2020 08:05

Tgt Ion:163 Resp: 152751

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.4	7.8	11.8



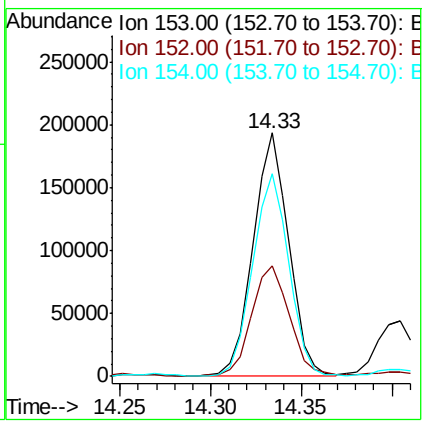


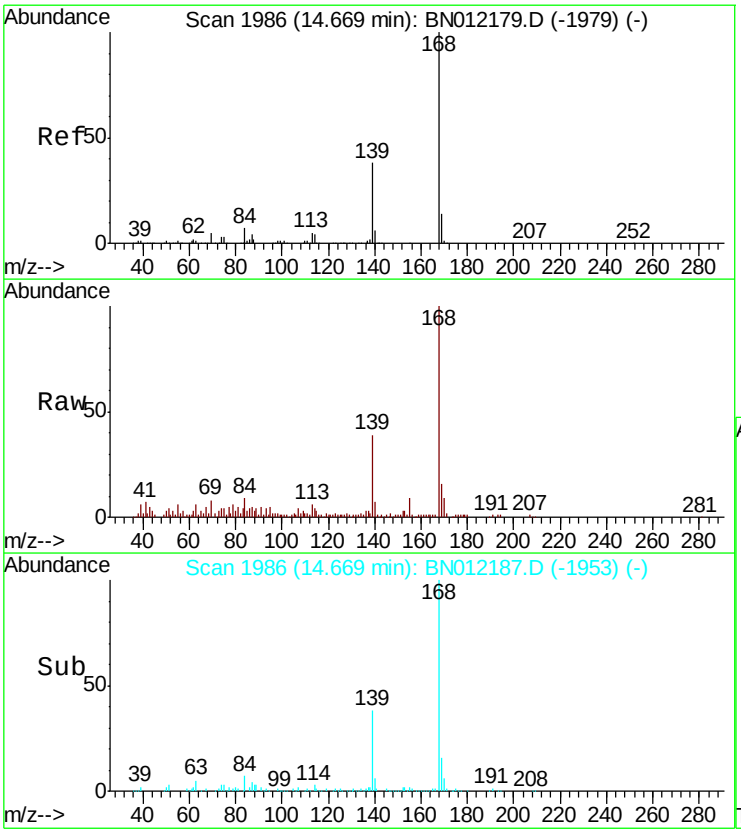
#50
Acenaphthene
Concen: 5.153 ng/ul
RT: 14.33 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BN012187.D
Acq: 14 Oct 2020 08:05

Instrument :
BNA_N
ClientSampleId :
CB7X0

Tgt Ion:153 Resp: 262233

Ion	Ratio	Lower	Upper
153	100		
152	45.3	35.9	53.9
154	83.2	70.2	105.2

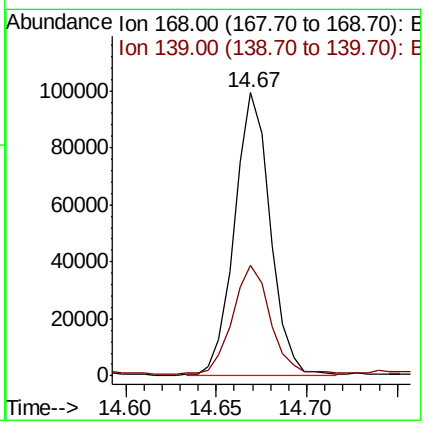


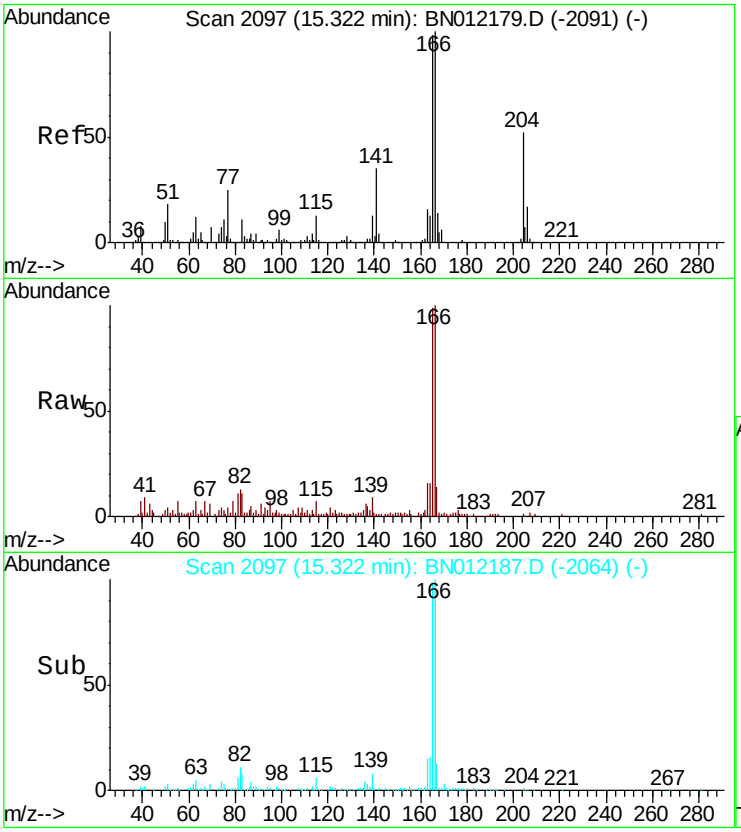


#54
Dibenzofuran
Concen: 1.914 ng/ul
RT: 14.67 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BN012187.D
Acq: 14 Oct 2020 08:05

Tgt Ion:168 Resp: 135627

Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.5	47.3





#59
Fluorene
Concen: 2.073 ng/ul
RT: 15.32 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BN012187.D
Acq: 14 Oct 2020 08:05

Instrument :
BNA_N
ClientSampleId :
CB7X0

Tgt Ion:166 Resp: 123541

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.0	118.6
167	14.2	10.5	15.7