Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009643.D
Acq On : 07 Feb 2020 11:59
Operator : CG/JU
Sample : L1323-02DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT42DL

Quant Time: Feb 07 15:24:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	184114	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	790665	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	489291	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	1003475	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	909203	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	982207	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	140	0.03	ng/uL	0.02
5) Phenol-d5	6.65	99	9619	0.60	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.80	67	6594	0.61	ng/ul	0.01
9) 2-Chlorophenol-d4	6.99	132	7138	0.60	ng/ul	0.01
13) 4-Methylphenol-d8	8.17	113	4601	0.36	ng/ul	0.02
19) Nitrobenzene-d5	8.59	128	3160	0.54	ng/ul	0.02
22) 2-Nitrophenol-d4	9.30	143	2781	0.42	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.86	165	3667	0.30	ng/ul	0.04
29) 4-Chloroaniline-d4	10.35	131	890	0.07	ng/ul	0.02
43) Dimethylphthalate-d6	13.50	166	27890	0.78	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	31376	0.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.36	143	850	0.13	ng/ul	0.05
57) Fluorene-d10	15.07	176	24871	0.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	1144	0.18	ng/ul	0.02
70) Anthracene-d10	16.83	188	1003475	22.01	ng/ul	-0.10
78) Pyrene-d10	19.23	212	42306	0.89	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	44315	0.92	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	13.79	152	74705	1.58	ng/ul	100
69) Phenanthrene	16.96	178	57818	1.01	ng/ul	98
71) Anthracene	16.96	178	58201	1.00	ng/ul	98
76) Fluoranthene	18.90	202	278767	4.27	ng/ul	100
79) Pyrene	19.26	202	559939	8.44	ng/ul	98
82) Benzo(a)anthracene	21.08	228	208787	3.33	ng/ul	93
84) Chrysene	21.08	228	212043	3.39	ng/ul	98
87) Benzo(b)fluoranthene	22.54	252	138735	2.26	ng/ul	98
88) Benzo(k)fluoranthene	22.54	252	138735	2.29	ng/ul	98
90) Benzo(a)pyrene	23.07	252	134200	2.36	ng/ul#	94

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

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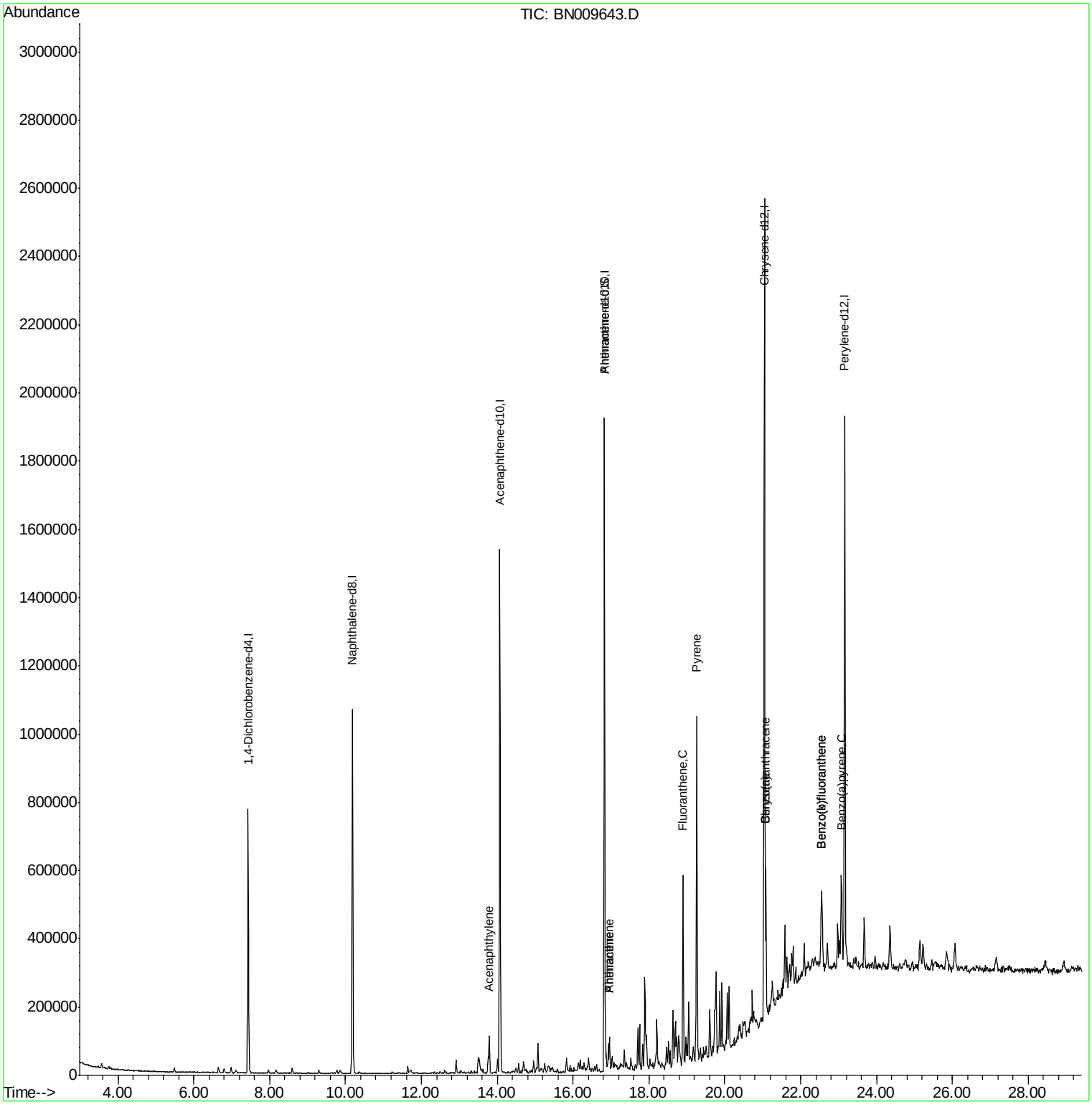
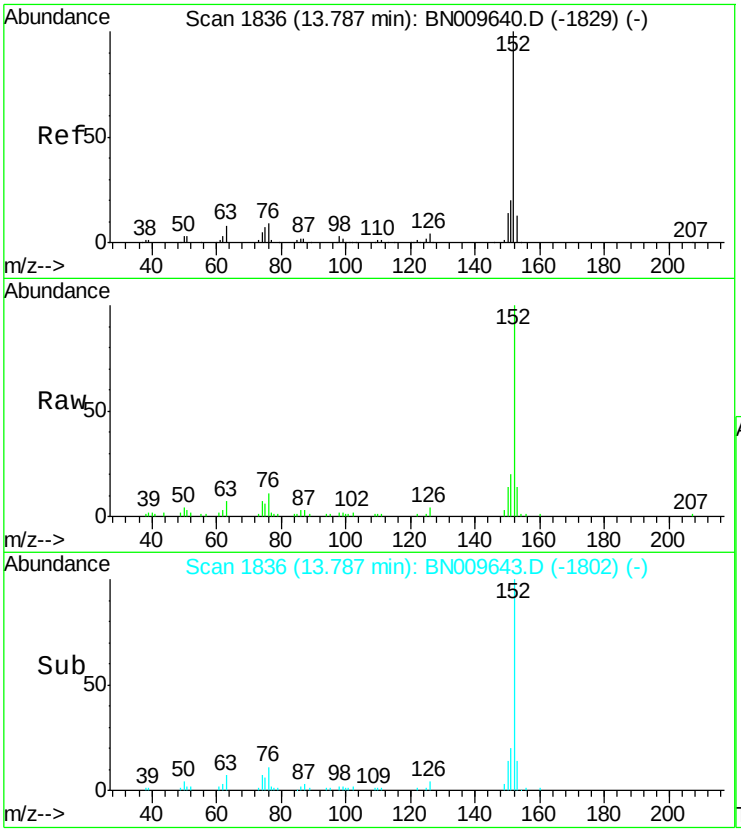


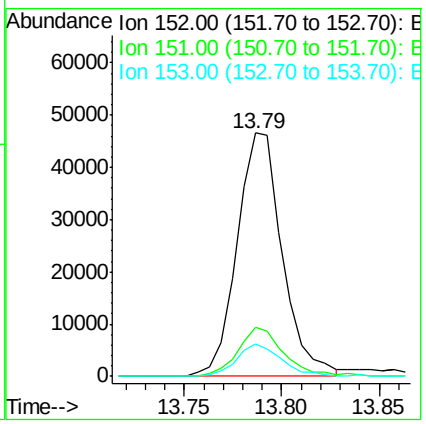


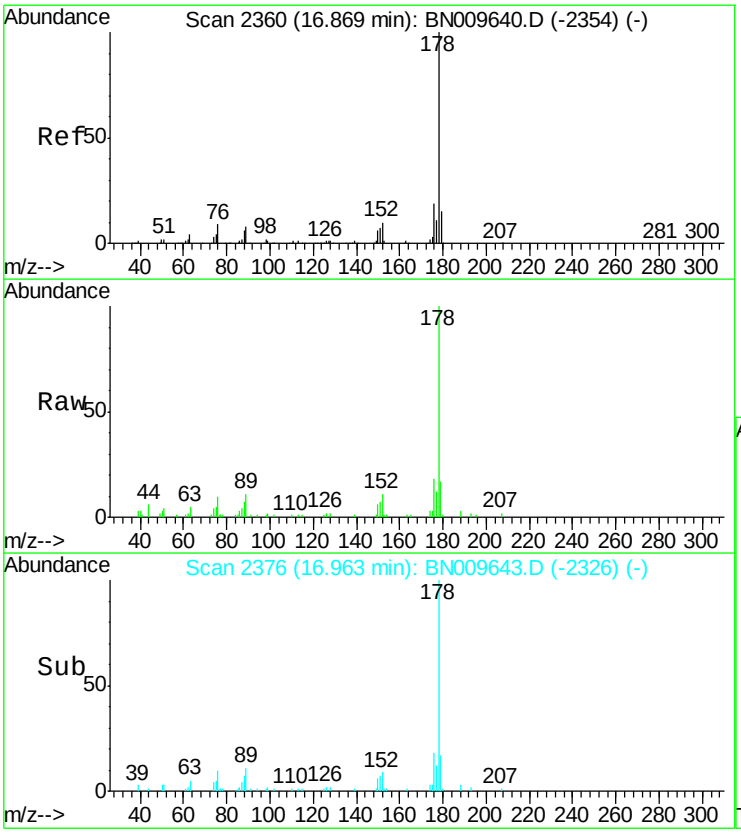
#47
Acenaphthylene
Concen: 1.58 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BN009643.D
Acq: 07 Feb 2020 11:59

Instrument :
BNA_N
ClientSampleId :
GAT42DL

Tgt Ion:152 Resp: 74705

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.5	10.6	15.8

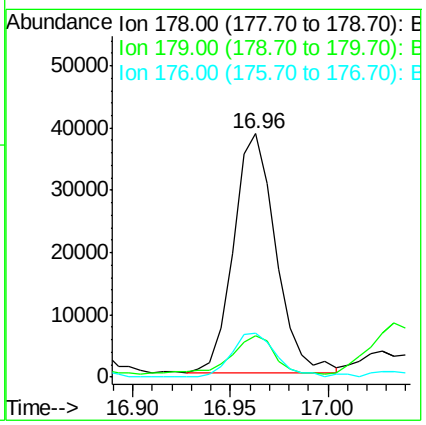


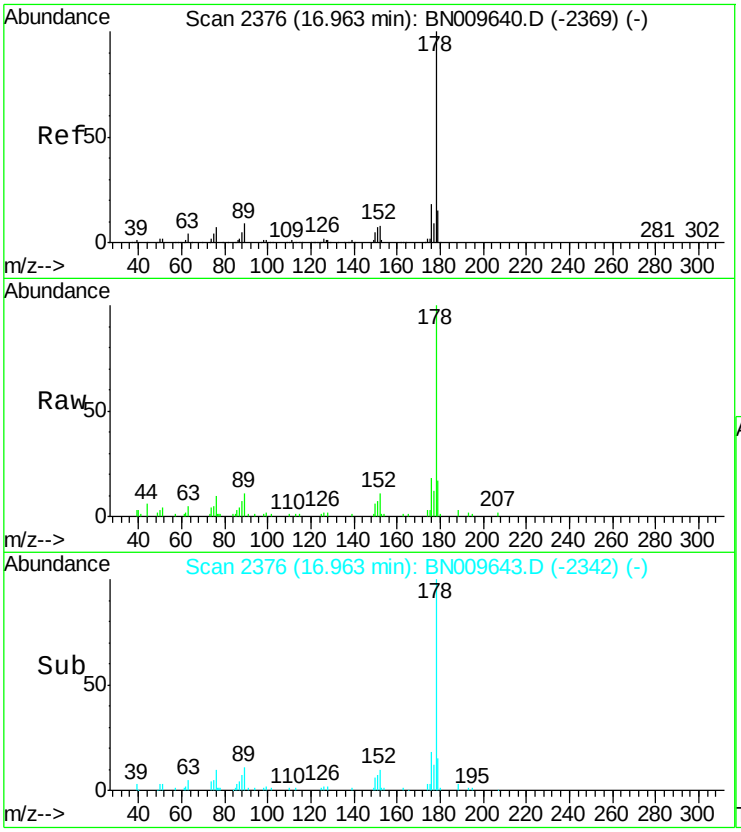


#69
Phenanthrene
Concen: 1.01 ng/ul
RT: 16.96 min Scan# 2376
Delta R.T. 0.09 min
Lab File: BN009643.D
Acq: 07 Feb 2020 11:59

Tgt Ion:178 Resp: 57818

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.2	18.2
176	18.0	14.8	22.2



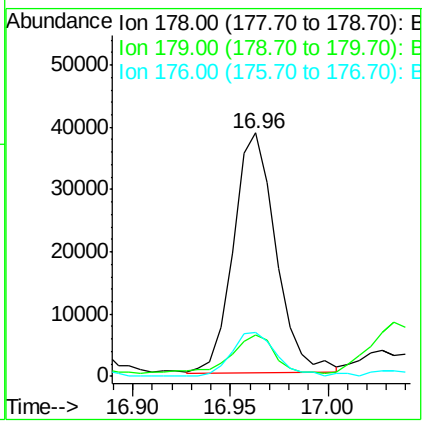


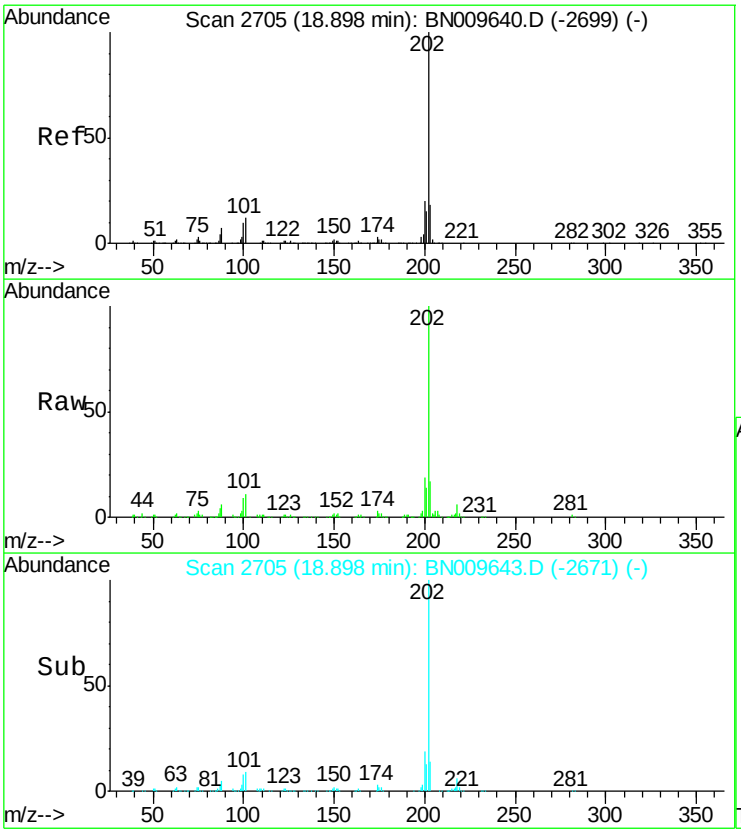
#71
Anthracene
Concen: 1.00 ng/ul
RT: 16.96 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BN009643.D
Acq: 07 Feb 2020 11:59

Instrument :
BNA_N
ClientSampleId :
GAT42DL

Tgt Ion:178 Resp: 58201

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.1	18.1
176	18.0	14.6	21.8

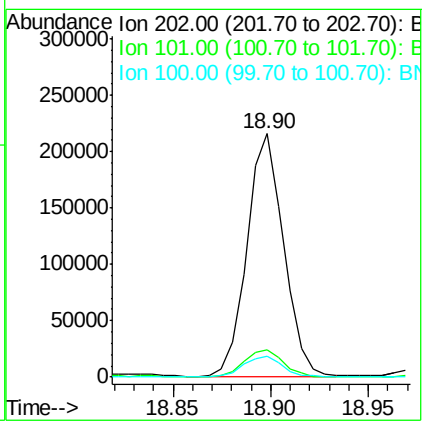


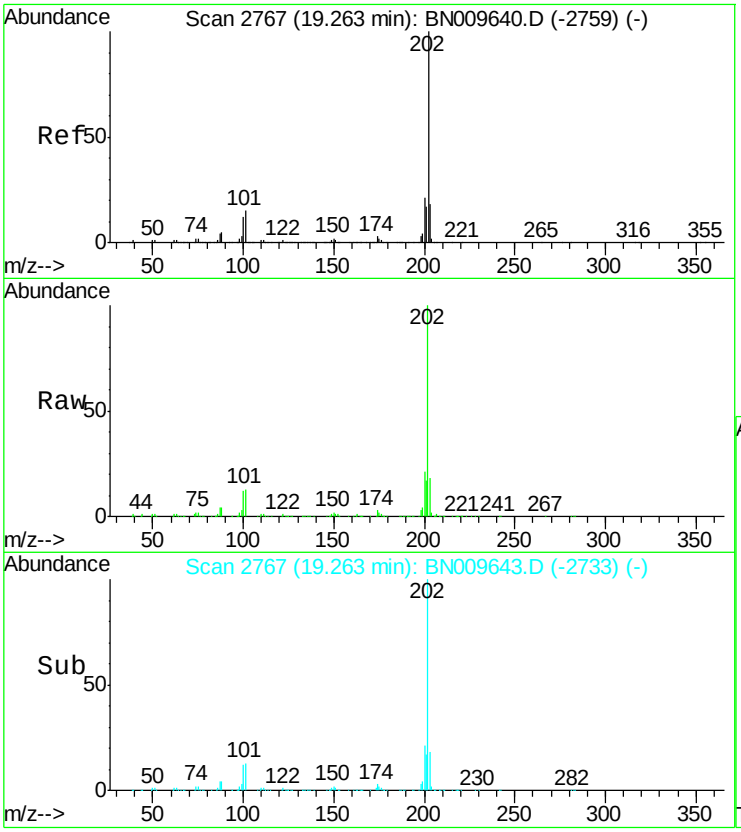


#76
Fluoranthene
Concen: 4.27 ng/ul
RT: 18.90 min Scan# 2705
Delta R.T. -0.00 min
Lab File: BN009643.D
Acq: 07 Feb 2020 11:59

Tgt Ion:202 Resp: 278767

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.2	13.8
100	8.7	6.9	10.3



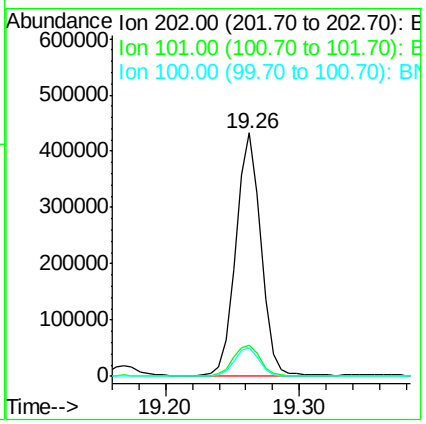


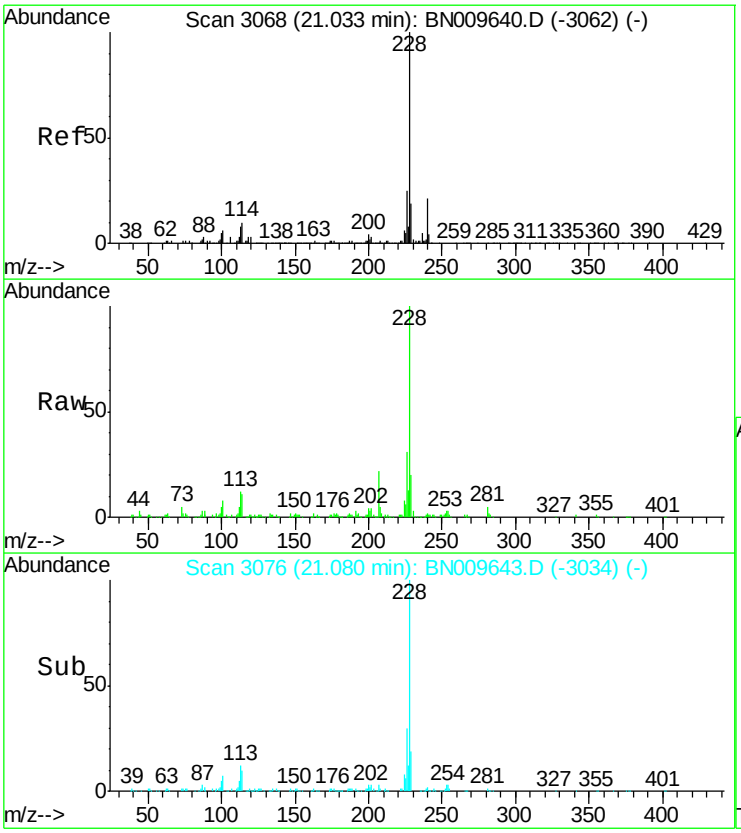
#79
Pyrene
Concen: 8.44 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BN009643.D
Acq: 07 Feb 2020 11:59

Instrument :
BNA_N
ClientSampleId :
GAT42DL

Tgt Ion:202 Resp: 559939

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.3	15.5
100	11.8	8.4	12.6

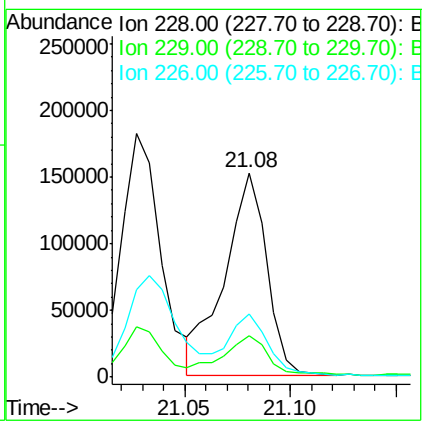


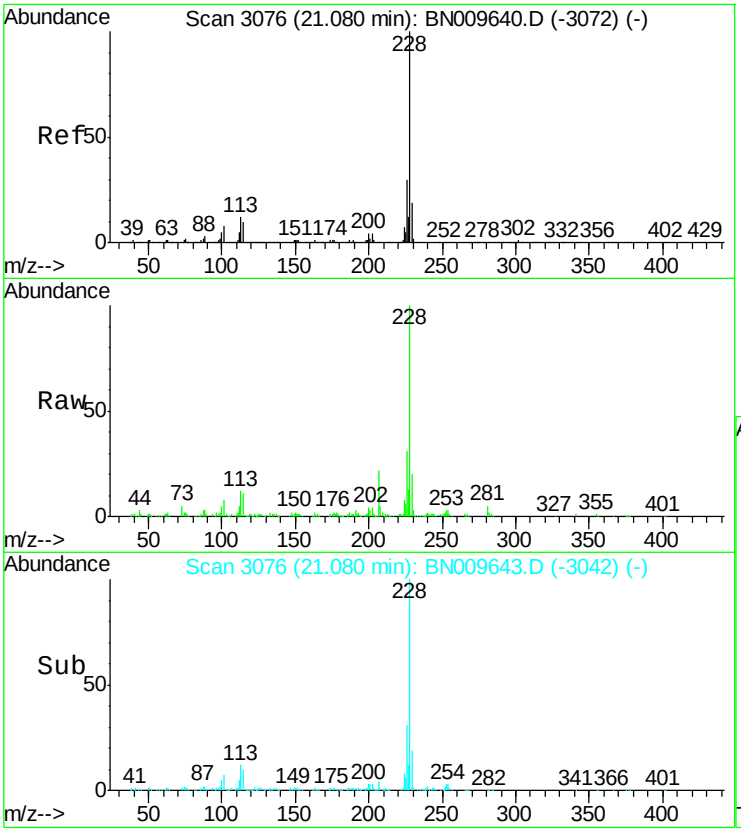


#82
Benzo(a)anthracene
Concen: 3.33 ng/ul
RT: 21.08 min Scan# 3076
Delta R.T. 0.05 min
Lab File: BN009643.D
Acq: 07 Feb 2020 11:59

Tgt Ion:228 Resp: 208787

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.0	22.4
226	31.0	20.9	31.3



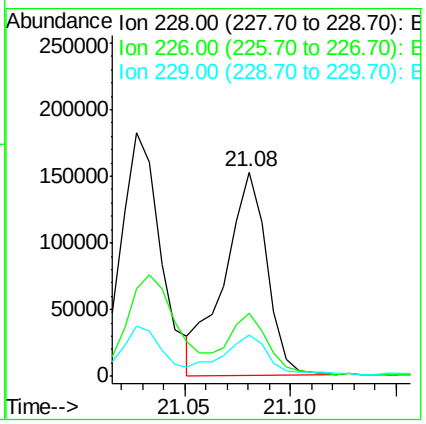


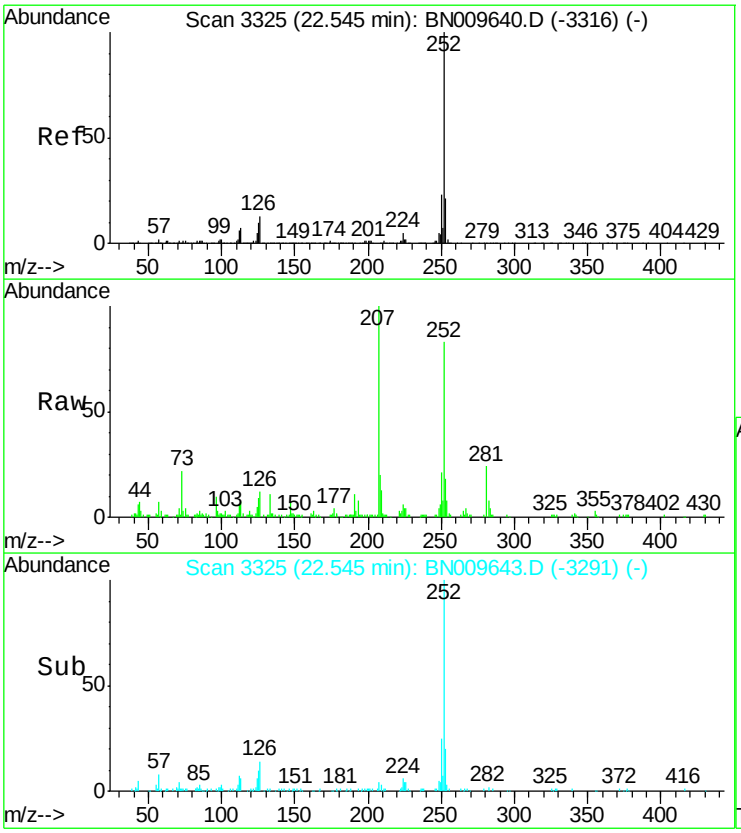
#84
Chrysene
Concen: 3.39 ng/ul
RT: 21.08 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BN009643.D
Acq: 07 Feb 2020 11:59

Instrument :
BNA_N
ClientSampleId :
GAT42DL

Tgt Ion:228 Resp: 212043

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.5	35.3
229	20.1	15.8	23.8

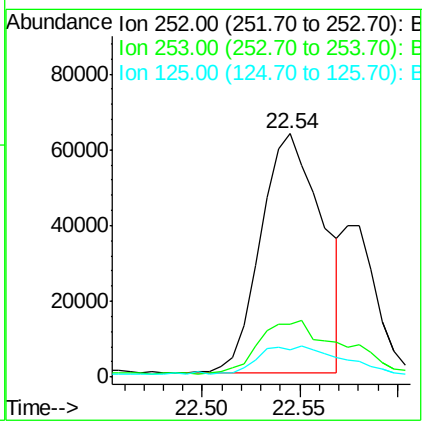


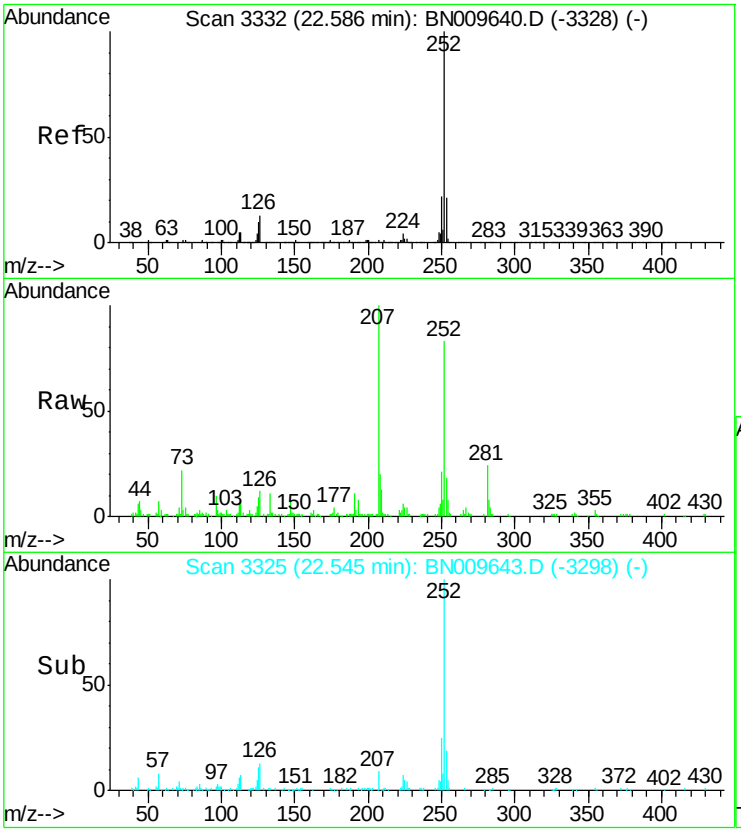


#87
Benzo(b)fluoranthene
Concen: 2.26 ng/ul
RT: 22.54 min Scan# 3325
Delta R.T. -0.00 min
Lab File: BN009643.D
Acq: 07 Feb 2020 11:59

Tgt Ion:252 Resp: 138735

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	11.4	8.2	12.2



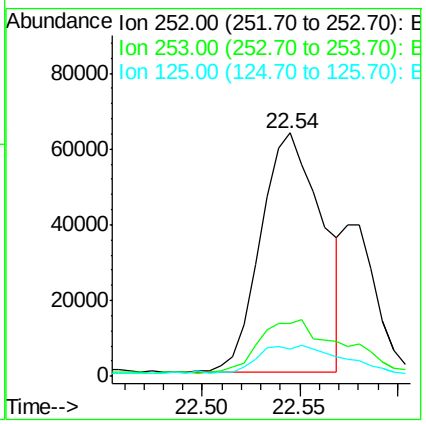


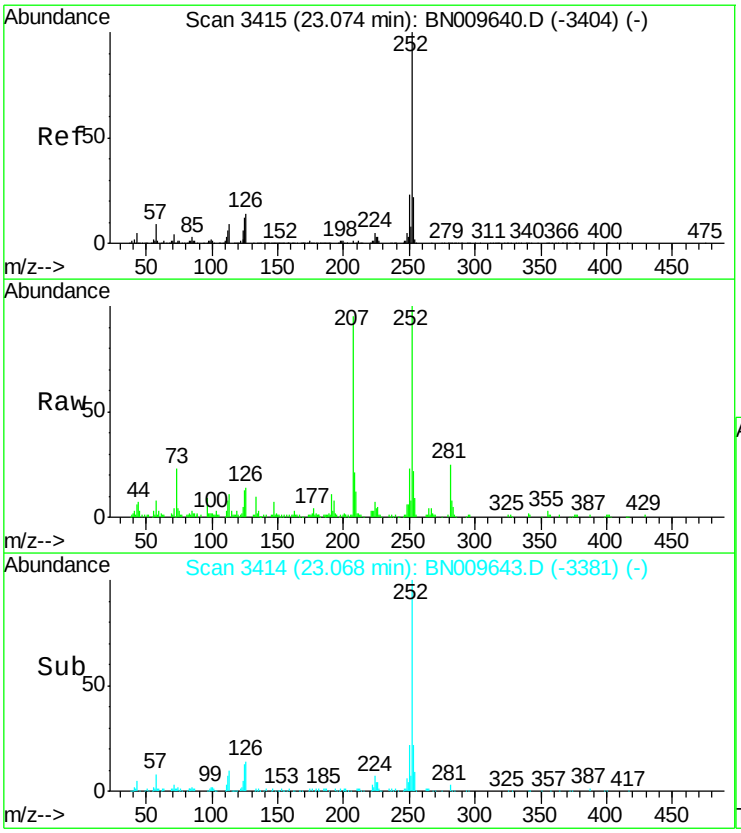
#88
Benzo(k)fluoranthene
Concen: 2.29 ng/ul
RT: 22.54 min Scan# 3325
Delta R.T. -0.04 min
Lab File: BN009643.D
Acq: 07 Feb 2020 11:59

Instrument :
BNA_N
ClientSampleId :
GAT42DL

Tgt Ion:252 Resp: 138735

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.4
125	11.4	8.0	12.0





#90
Benzo(a)pyrene
Concen: 2.36 ng/ul
RT: 23.07 min Scan# 3414
Delta R.T. -0.01 min
Lab File: BN009643.D
Acq: 07 Feb 2020 11:59

Tgt Ion:252 Resp: 134200

Ion	Ratio	Lower	Upper
252	100		
253	22.3	15.8	23.8
125	13.3	8.7	13.1#