Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009673.D
Acq On : 08 Feb 2020 07:46
Operator : CG/JU
Sample : L1401-17
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6T8

Quant Time: Feb 10 03:30:54 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	140694	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	583727	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	372499	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	781788	20.00	ng/ul	0.00
77) Chrysene-d12	21.03	240	773209	20.00	ng/ul	-0.01
85) Perylene-d12	23.15	264	751282	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	7880	2.30	ng/uL	0.00
5) Phenol-d5	6.63	99	162047	13.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	114874	13.94	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	128203	14.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	128611	13.16	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	63872	14.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	68024	14.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	124442	13.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	172640	17.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	410161	15.08	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	481088	14.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	53045	10.33	ng/ul	0.00
57) Fluorene-d10	15.07	176	360180	15.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	47439	9.72	ng/ul	0.00
70) Anthracene-d10	16.92	188	538953	15.17	ng/ul	0.00
78) Pyrene-d10	19.23	212	642994	15.82	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	602574	16.29	ng/ul	0.00
Target Compounds						Qvalue
69) Phenanthrene	16.86	178	87013	1.952	ng/ul	96
76) Fluoranthene	18.89	202	184428	3.624	ng/ul	98
79) Pyrene	19.26	202	167477	2.967	ng/ul	96
82) Benzo(a)anthracene	21.02	228	95852	1.795	ng/ul	97
84) Chrysene	21.07	228	91874	1.729	ng/ul	99
87) Benzo(b)fluoranthene	22.53	252	112304	2.389	ng/ul	94
90) Benzo(a)pyrene	23.06	252	73937	1.698	ng/ul#	89
93) Benzo(g,h,i)perylene	25.84	276	44638	1.029	ng/ul#	93

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

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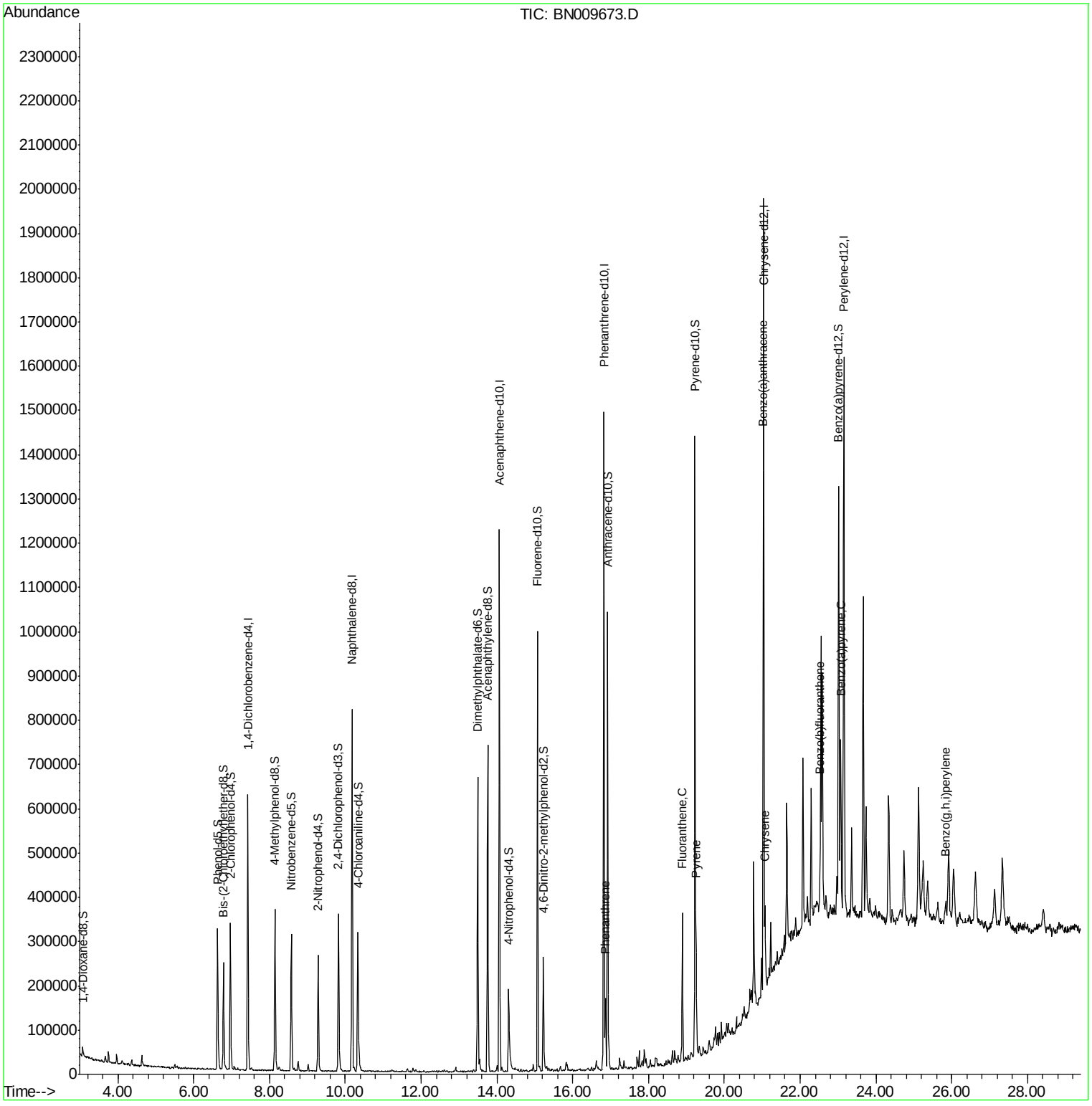
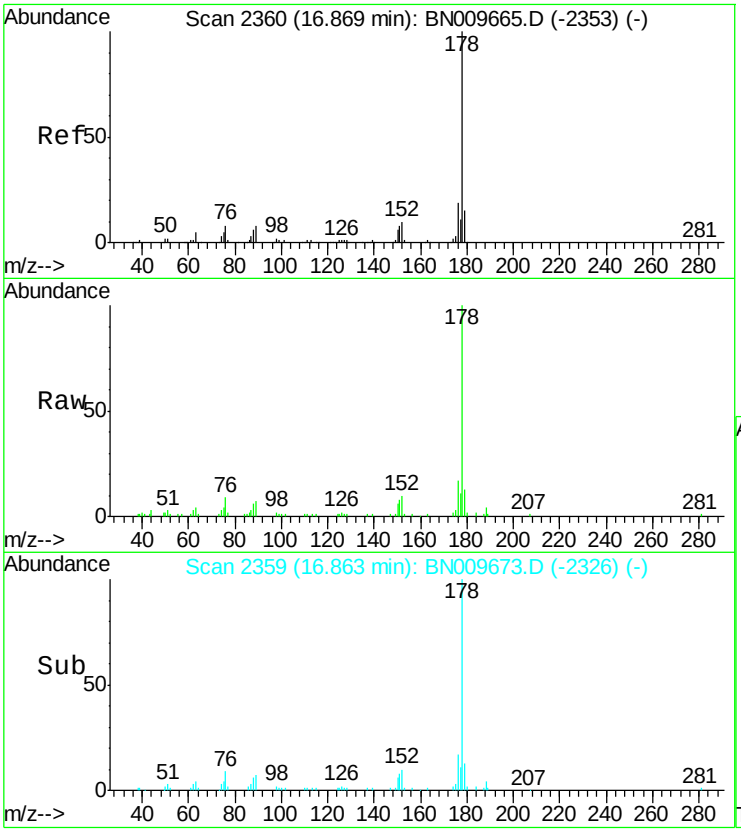


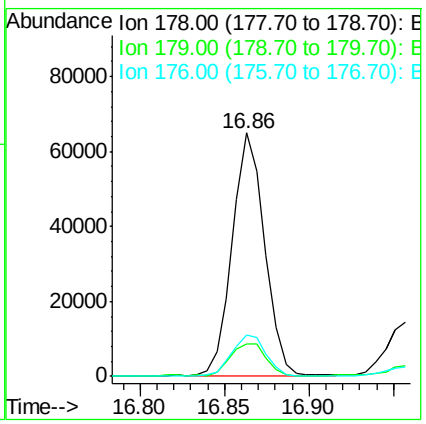


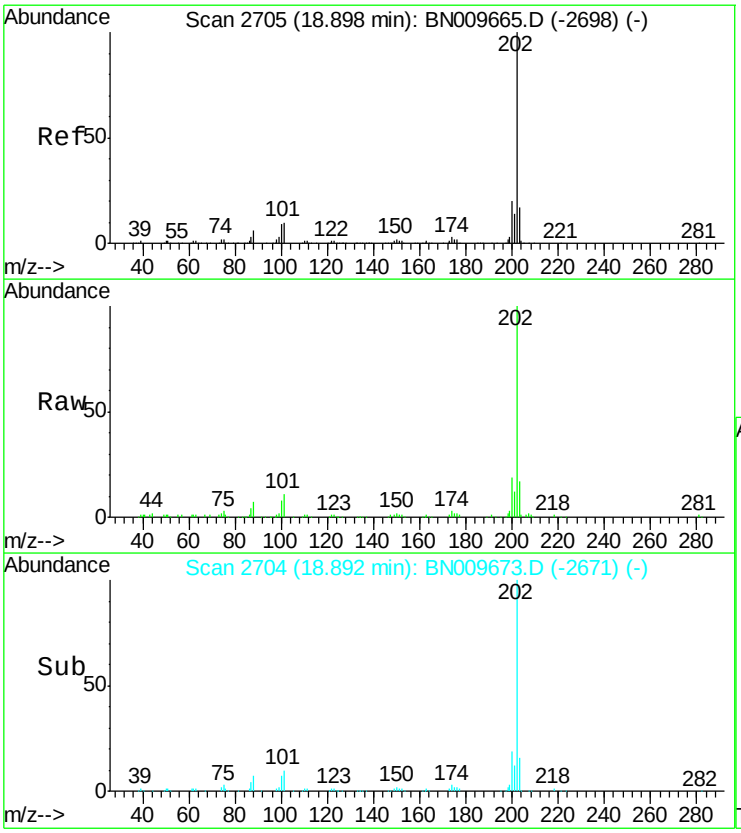
#69
Phenanthrene
Concen: 1.952 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BN009673.D
Acq: 08 Feb 2020 07:46

Instrument :
BNA_N
ClientSampleId :
CB6T8

Tgt Ion:178 Resp: 87013

Ion	Ratio	Lower	Upper
178	100		
179	13.4	12.2	18.2
176	17.1	14.8	22.2

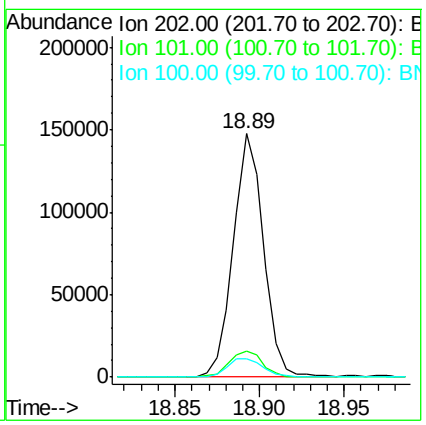


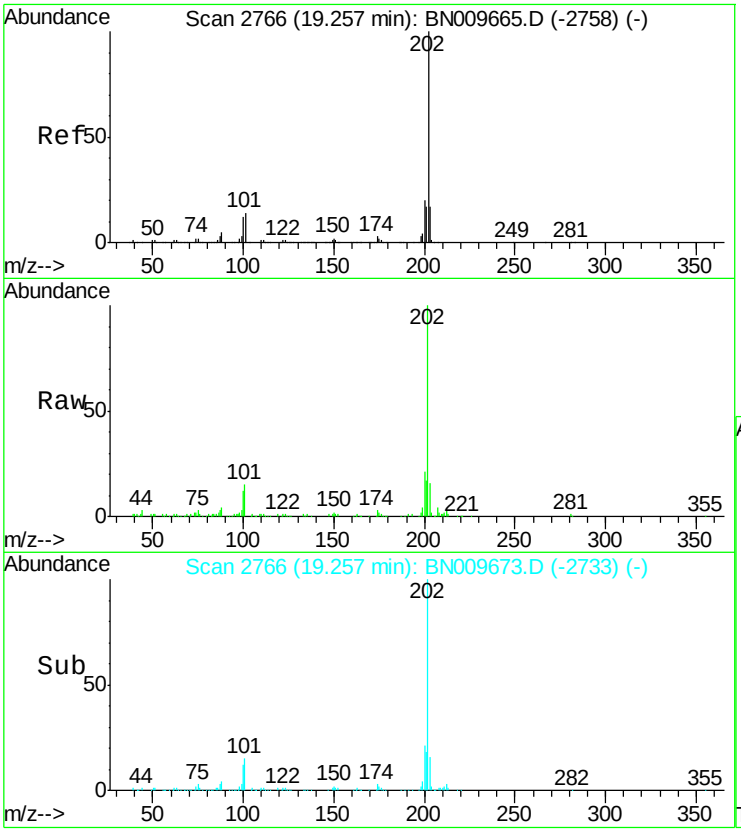


#76
Fluoranthene
Concen: 3.624 ng/ul
RT: 18.89 min Scan# 2704
Delta R.T. -0.01 min
Lab File: BN009673.D
Acq: 08 Feb 2020 07:46

Tgt Ion:202 Resp: 184428

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.2	13.8
100	7.6	6.9	10.3



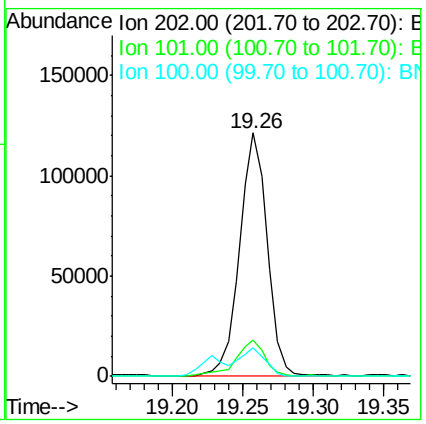


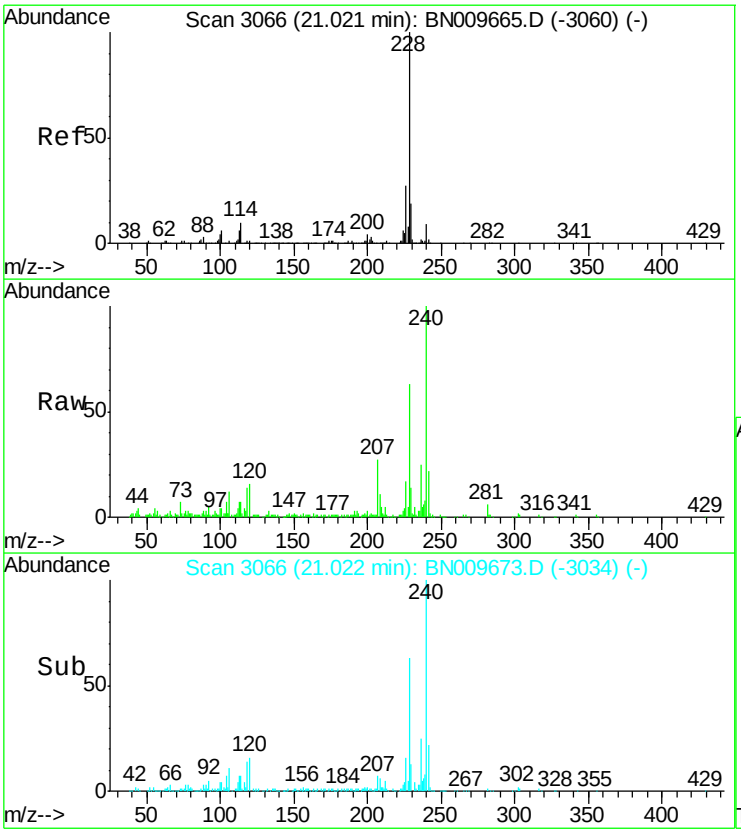
#79
Pyrene
Concen: 2.967 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BN009673.D
Acq: 08 Feb 2020 07:46

Instrument :
BNA_N
ClientSampleId :
CB6T8

Tgt Ion:202 Resp: 167477

Ion	Ratio	Lower	Upper
202	100		
101	14.9	10.3	15.5
100	11.7	8.4	12.6

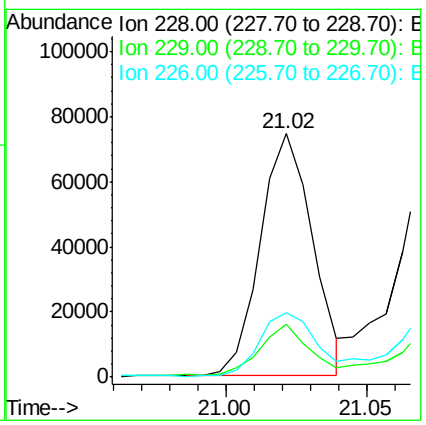


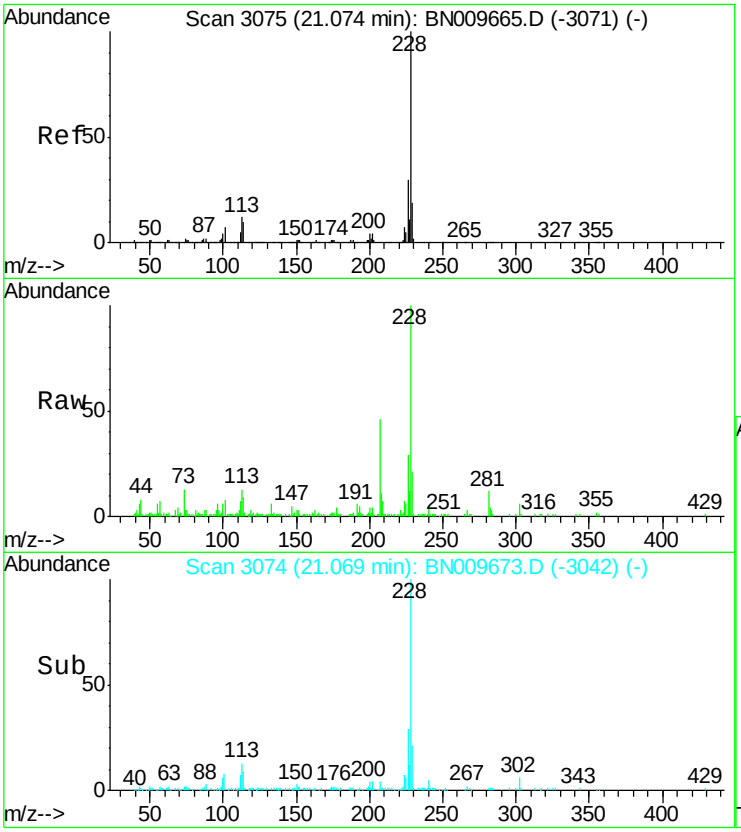


#82
Benzo(a)anthracene
Concen: 1.795 ng/ul
RT: 21.02 min Scan# 3066
Delta R.T. -0.01 min
Lab File: BN009673.D
Acq: 08 Feb 2020 07:46

Tgt Ion:228 Resp: 95852

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.0	22.4
226	26.4	20.9	31.3



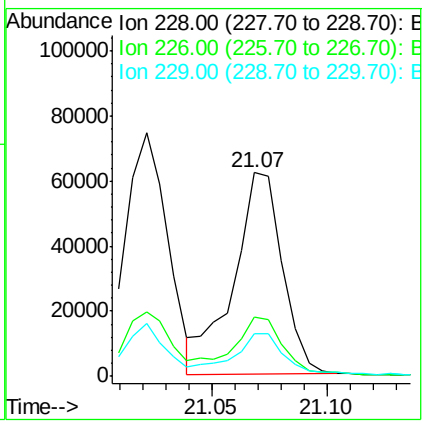


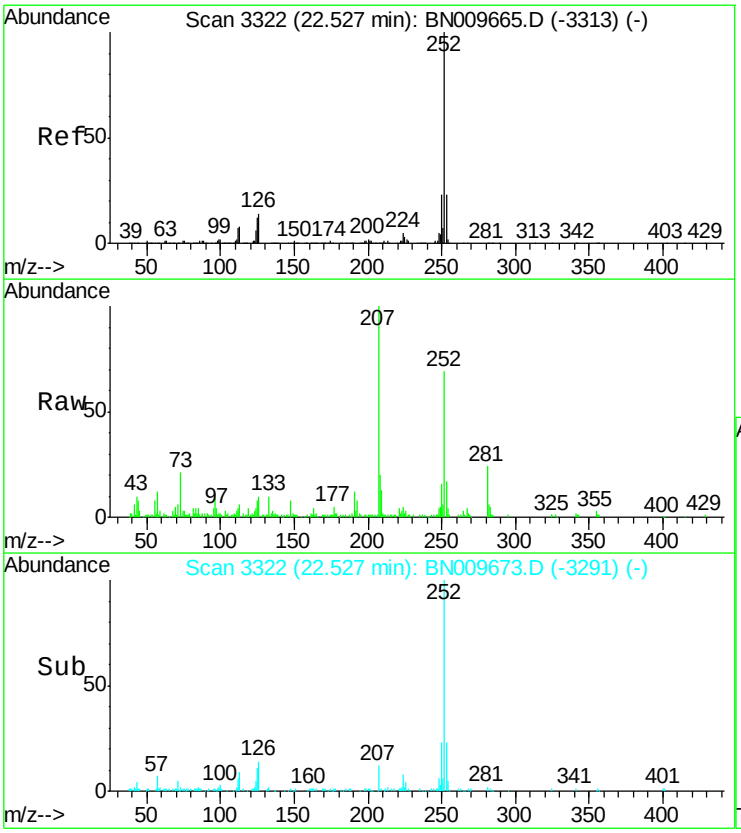
#84
Chrysene
Concen: 1.729 ng/ul
RT: 21.07 min Scan# 3074
Delta R.T. -0.01 min
Lab File: BN009673.D
Acq: 08 Feb 2020 07:46

Instrument :
BNA_N
ClientSampleId :
CB6T8

Tgt Ion:228 Resp: 91874

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.5	35.3
229	21.0	15.8	23.8

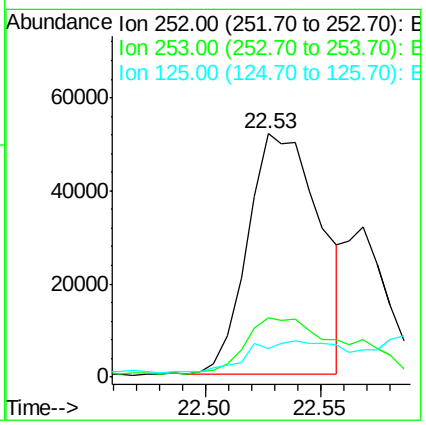


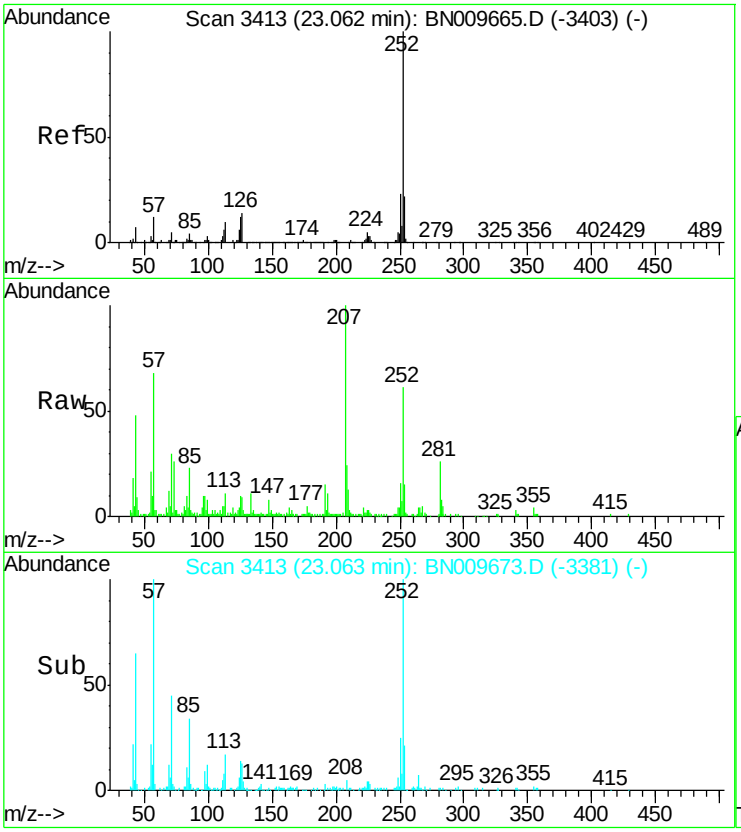


#87
Benzo(b)fluoranthene
Concen: 2.389 ng/ul
RT: 22.53 min Scan# 3322
Delta R.T. -0.02 min
Lab File: BN009673.D
Acq: 08 Feb 2020 07:46

Tgt Ion:252 Resp: 112304

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.6
125	11.8	8.2	12.2



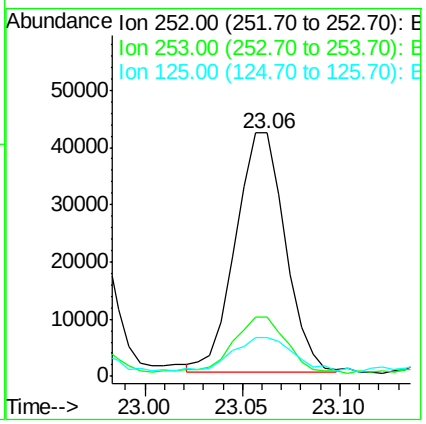


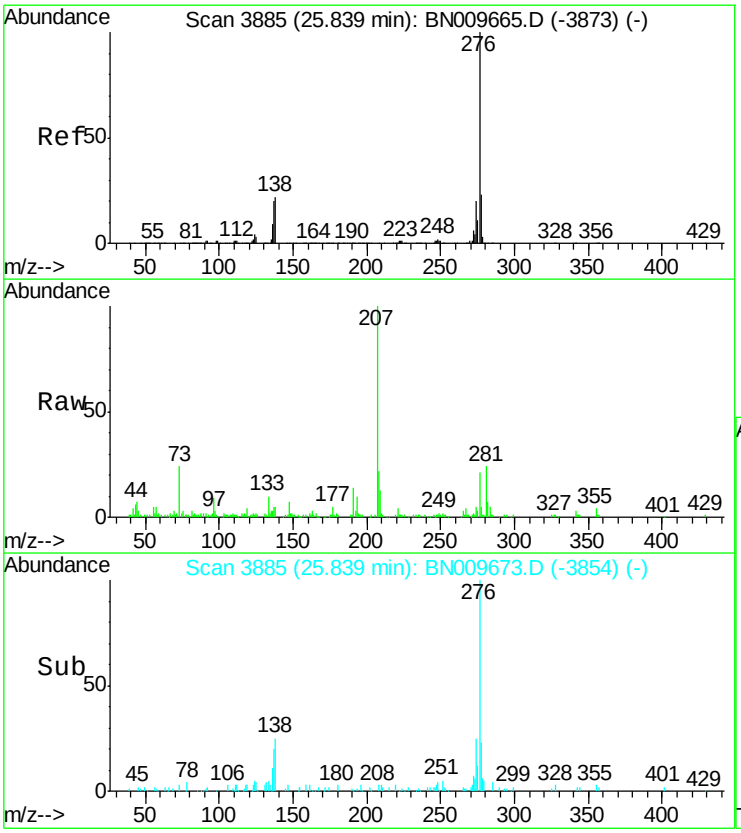
#90
Benzo(a)pyrene
Concen: 1.698 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN009673.D
Acq: 08 Feb 2020 07:46

Instrument :
BNA_N
ClientSampleId :
CB6T8

Tgt Ion:252 Resp: 73937

Ion	Ratio	Lower	Upper
252	100		
253	24.4	15.8	23.8#
125	16.1	8.7	13.1#





#93
Benzo(g,h,i)perylene
Concen: 1.029 ng/ul
RT: 25.84 min Scan# 3885
Delta R.T. -0.02 min
Lab File: BN009673.D
Acq: 08 Feb 2020 07:46

Tgt Ion:276 Resp: 44638

Ion	Ratio	Lower	Upper
276	100		
138	24.5	16.0	24.0#
277	22.9	17.0	25.6