Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009822.D
Acq On : 21 Feb 2020 23:53
Operator : CG/JU
Sample : L1535-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 22 01:25:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 22:14:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	109249	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	475775	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	307745	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	643461	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	587813	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	644671	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.04	96	3434	1.29	ng/uL	-0.01
5) Phenol-d5	6.60	99	57971	6.24	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	46513	7.25	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.94	132	49351	7.05	ng/ul	-0.02
13) 4-Methylphenol-d8	8.11	113	39284	5.31	ng/ul	-0.02
19) Nitrobenzene-d5	8.54	128	22885	6.57	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.25	143	24345	6.39	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.79	165	43414	5.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	58504	7.11	ng/ul	-0.01
44) Dimethylphthalate-d6	13.46	166	177961	7.74	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	195487	7.22	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.30	143	12489	2.97	ng/ul	0.01
58) Fluorene-d10	15.04	176	156146	7.87	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.20	200	13990	3.50	ng/ul	-0.01
71) Anthracene-d10	16.89	188	239158	8.11	ng/ul	-0.02
79) Pyrene-d10	19.19	212	285712	9.30	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	284629	8.84	ng/ul	-0.03
Target Compounds						Qvalue
70) Phenanthrene	16.83	178	119360	3.250	ng/ul	100
77) Fluoranthene	18.86	202	218430	5.078	ng/ul	99
80) Pyrene	19.22	202	199698	4.712	ng/ul	99
83) Benzo(a)anthracene	21.04	228	106384	2.634	ng/ul	98
85) Chrysene	21.04	228	109898	2.763	ng/ul	97
88) Benzo(b)fluoranthene	22.49	252	150526	3.601	ng/ul#	96
89) Benzo(k)fluoranthene	22.49	252	150526	3.803	ng/ul#	98
91) Benzo(a)pyrene	23.02	252	91896	2.444	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.14	276	60503	1.356	ng/ul	95
94) Benzo(g,h,i)perylene	25.76	276	56022	1.497	ng/ul	98

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

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Instrument :
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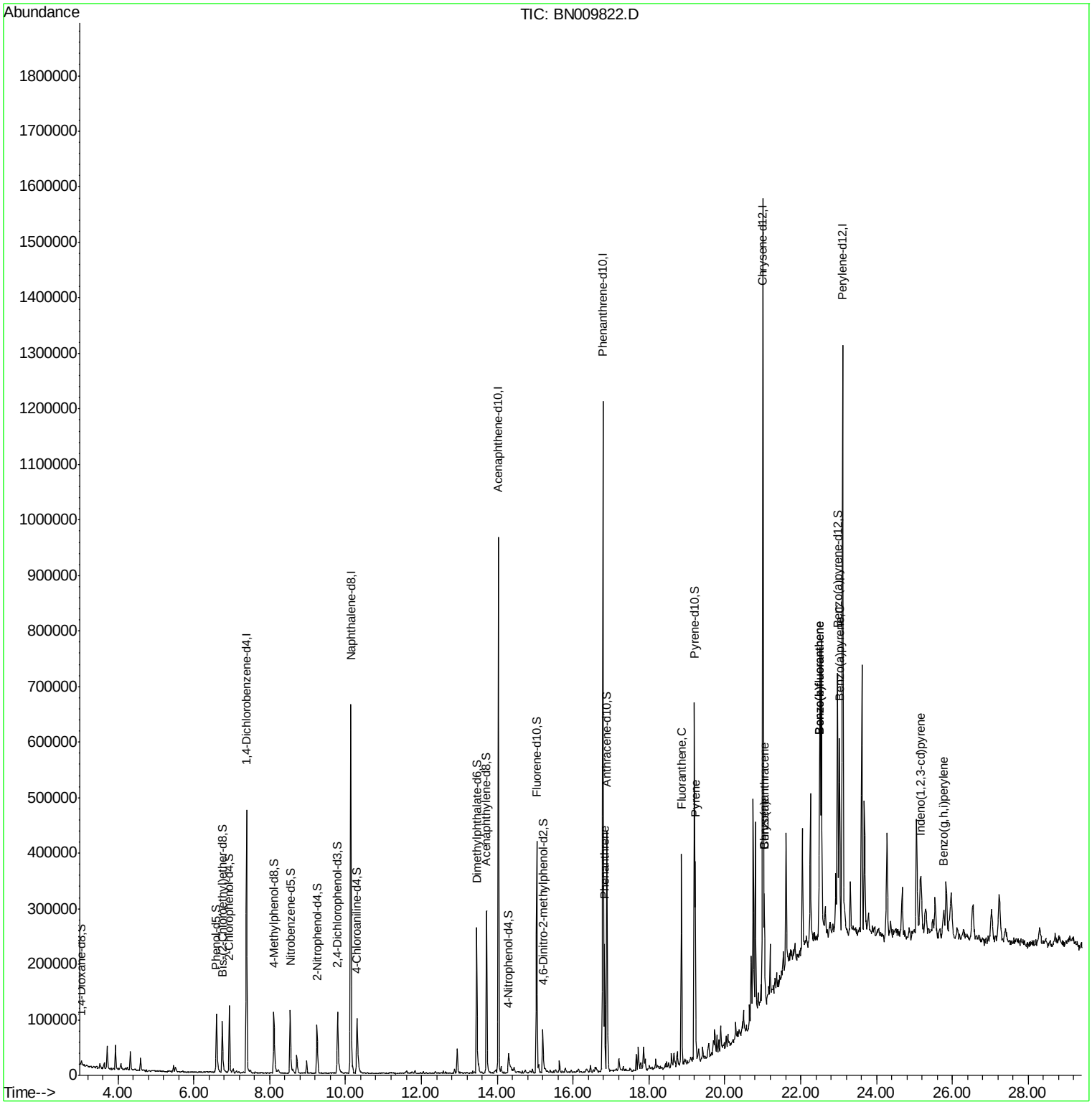
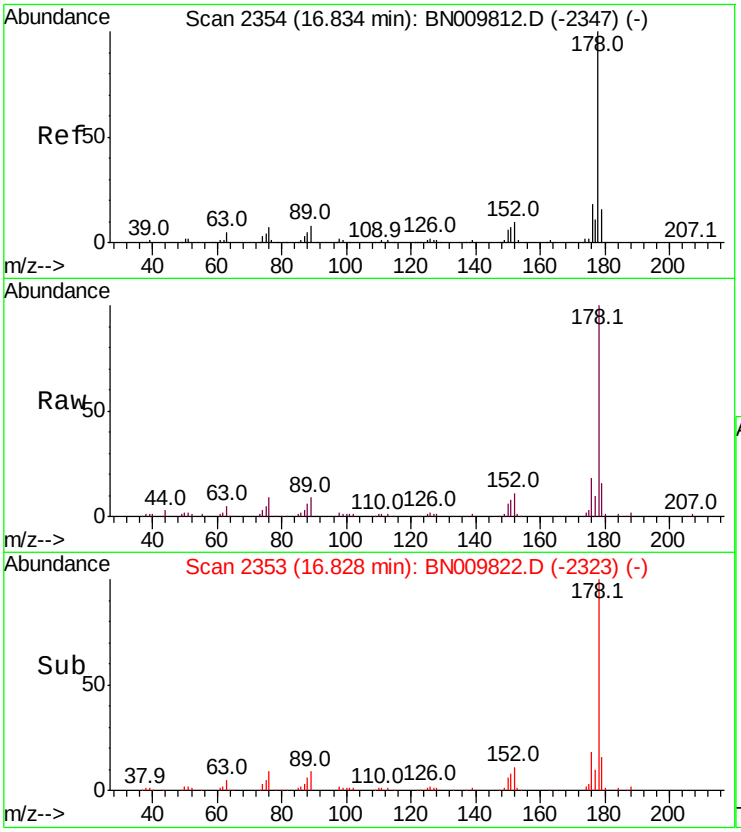
ClientSampleId :

Quant Time: Feb 22 01:25:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 22:14:17 2020
Response via : Initial Calibration



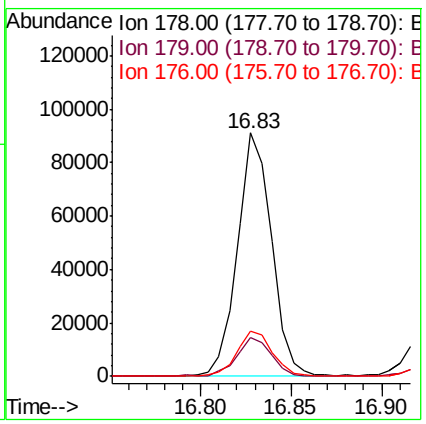


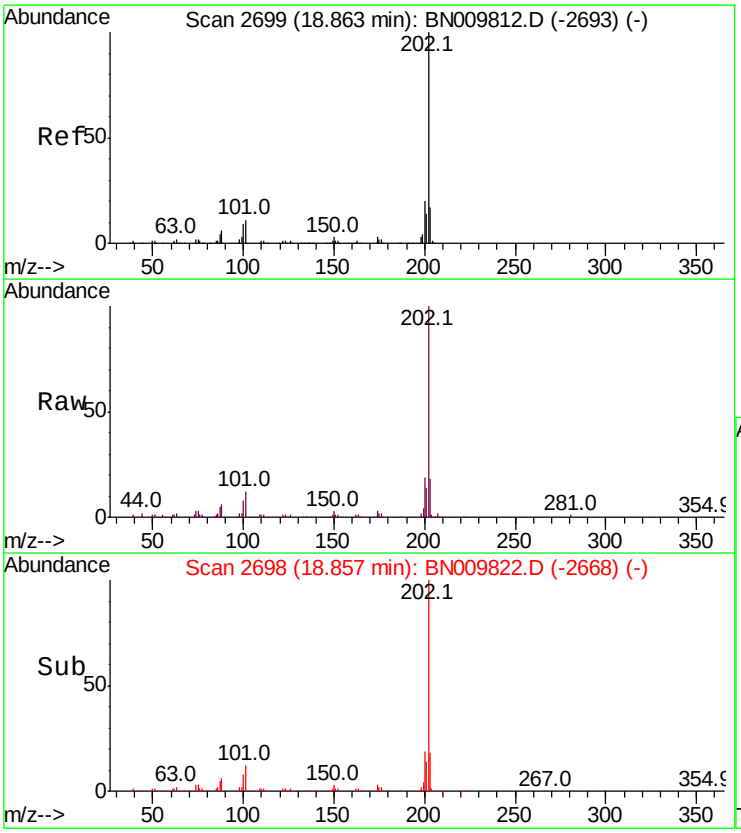
#70
Phenanthrene
Concen: 3.250 ng/ul
RT: 16.83 min Scan# 2353
Delta R.T. -0.02 min
Lab File: BN009822.D
Acq: 21 Feb 2020 23:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 119360

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	18.4	14.6	22.0

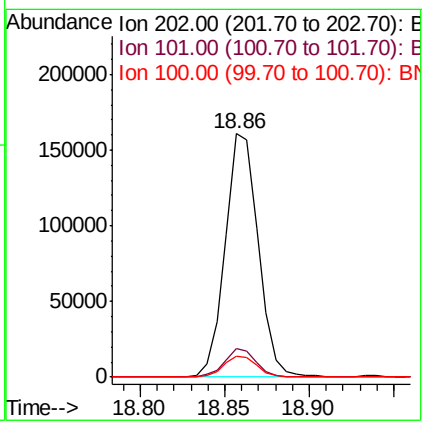


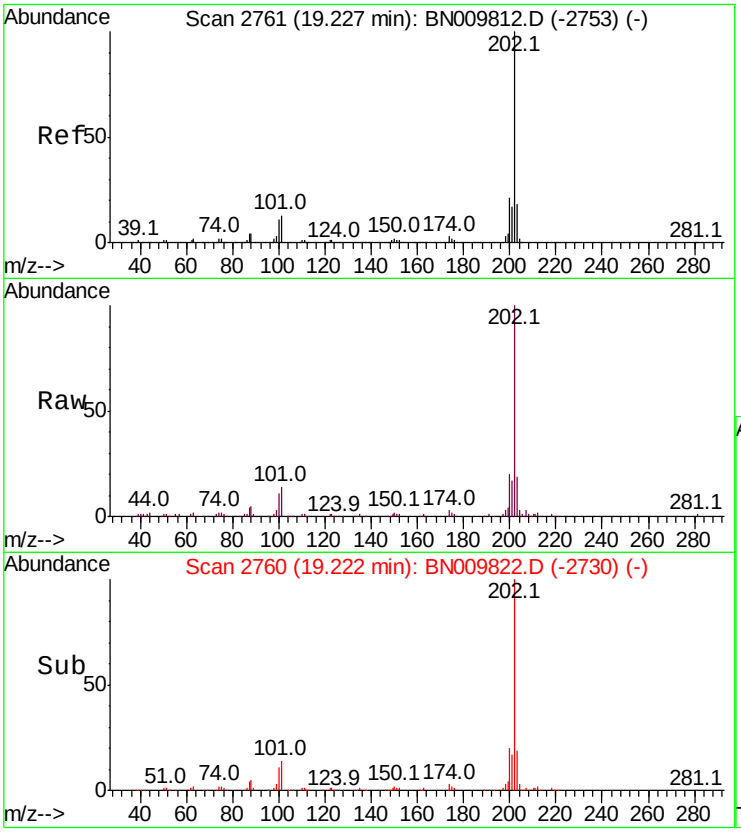


#77
Fluoranthene
Concen: 5.078 ng/ul
RT: 18.86 min Scan# 2698
Delta R.T. -0.02 min
Lab File: BN009822.D
Acq: 21 Feb 2020 23:53

Tgt Ion:202 Resp: 218430

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.4	14.2
100	8.5	7.2	10.8



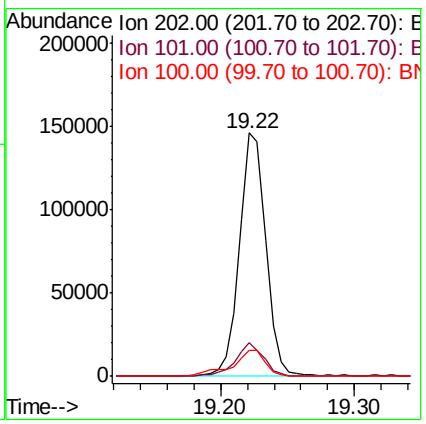


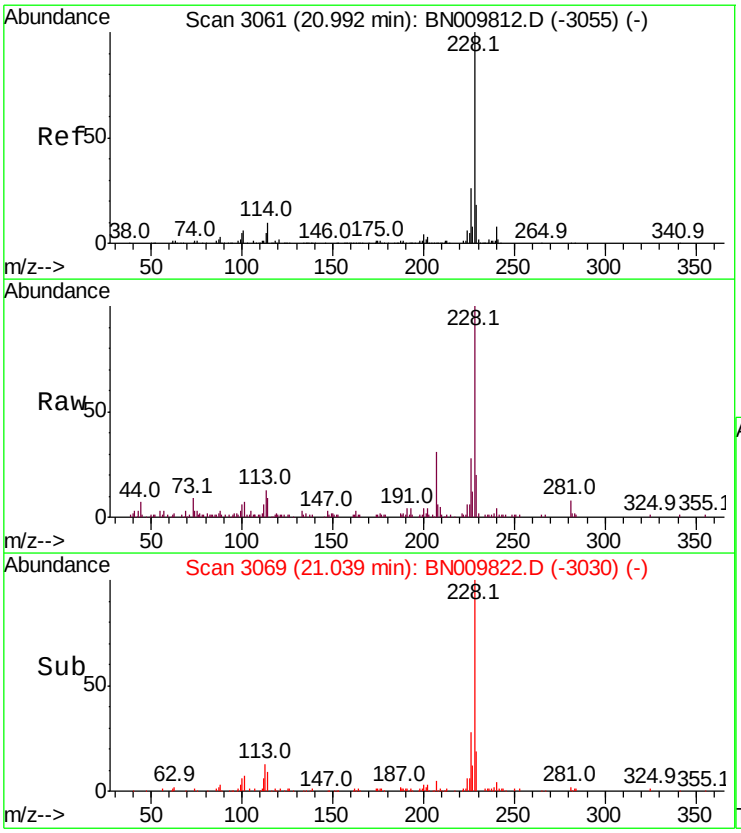
#80
Pyrene
Concen: 4.712 ng/ul
RT: 19.22 min Scan# 2760
Delta R.T. -0.02 min
Lab File: BN009822.D
Acq: 21 Feb 2020 23:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 199698

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.3	16.9
100	10.9	9.0	13.6

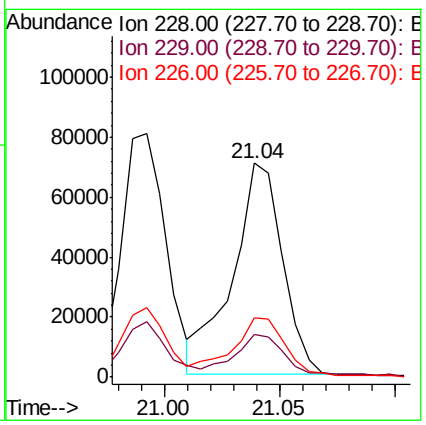


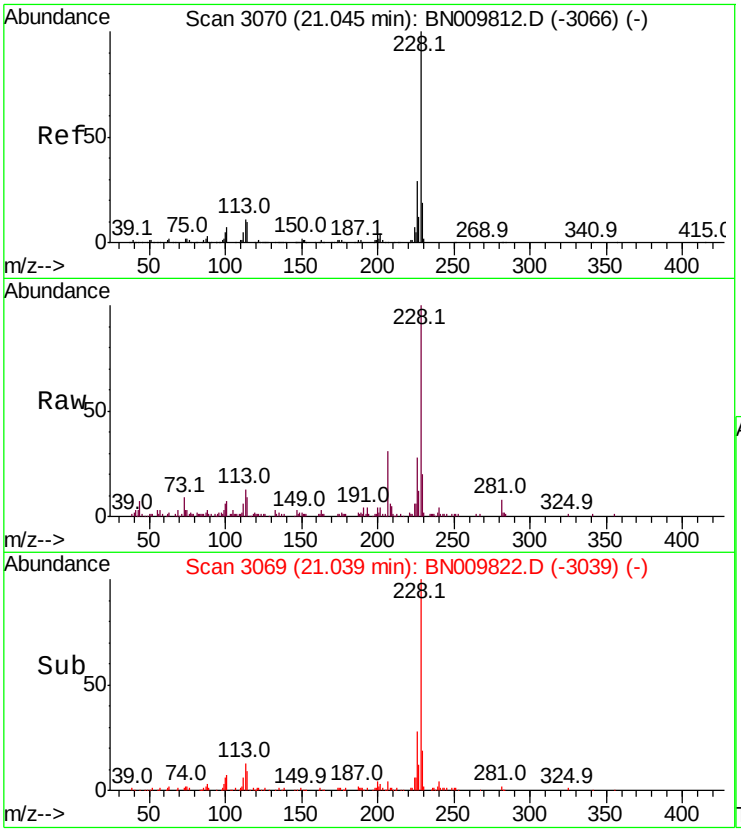


#83
Benzo(a)anthracene
Concen: 2.634 ng/ul
RT: 21.04 min Scan# 3069
Delta R.T. 0.03 min
Lab File: BN009822.D
Acq: 21 Feb 2020 23:53

Tgt Ion:228 Resp: 106384

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.0	22.4
226	27.9	21.4	32.2



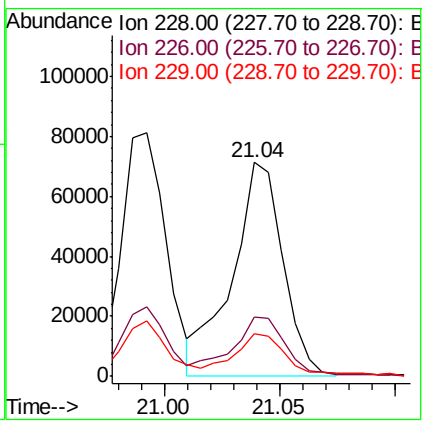


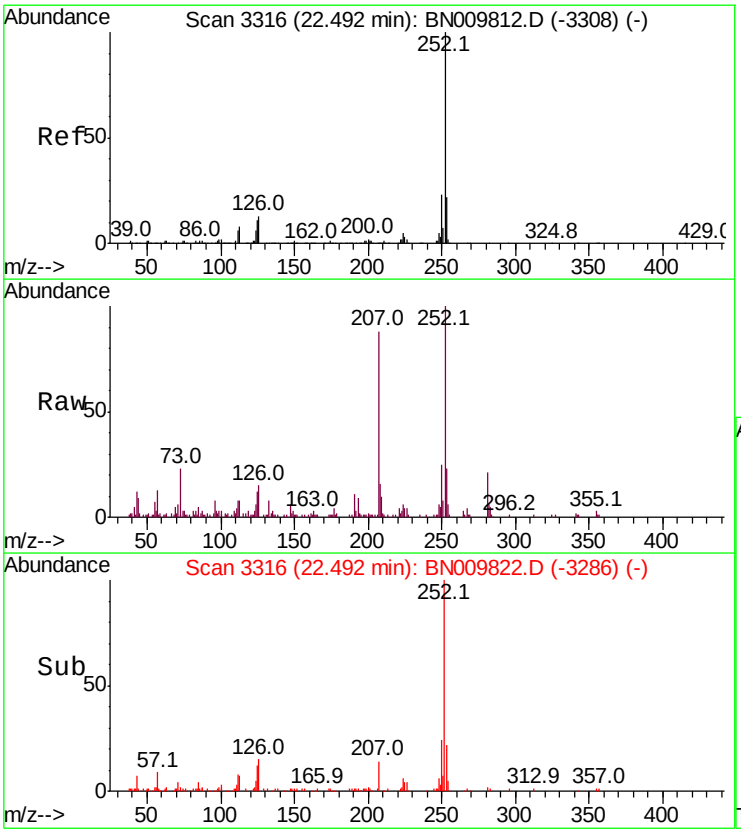
#85
Chrysene
Concen: 2.763 ng/ul
RT: 21.04 min Scan# 3069
Delta R.T. -0.02 min
Lab File: BN009822.D
Acq: 21 Feb 2020 23:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 109898

Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.4	35.2
229	19.9	15.0	22.4

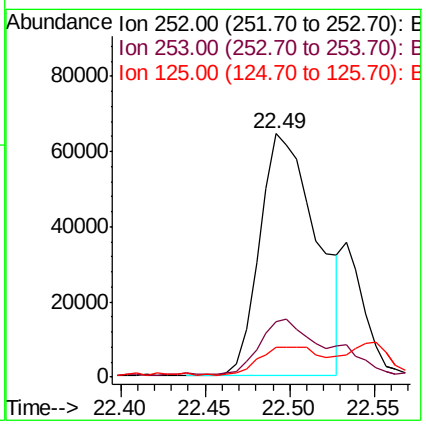


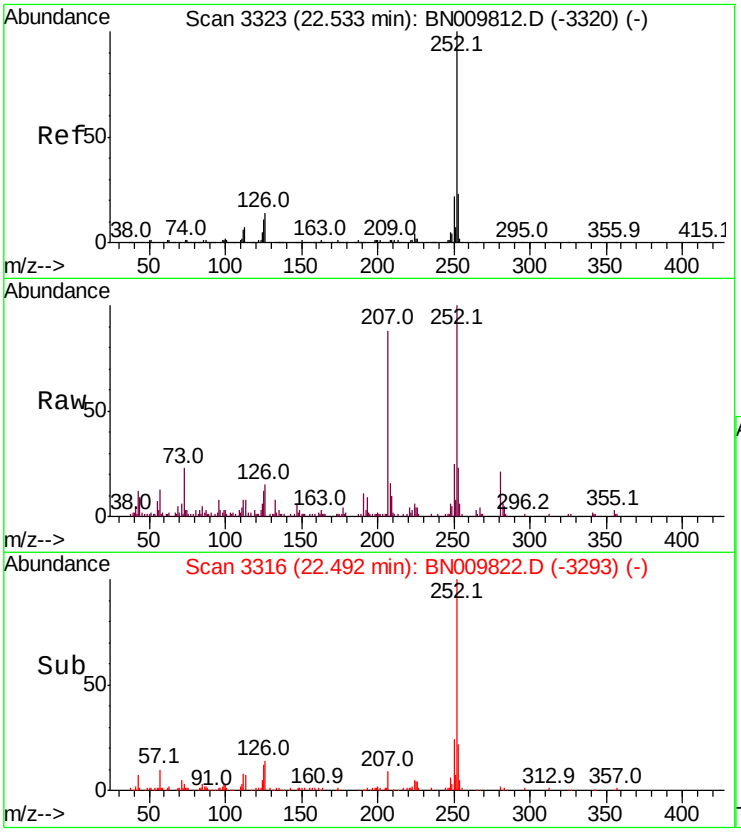


#88
Benzo(b)fluoranthene
Concen: 3.601 ng/ul
RT: 22.49 min Scan# 3316
Delta R.T. -0.02 min
Lab File: BN009822.D
Acq: 21 Feb 2020 23:53

Tgt Ion:252 Resp: 150526

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.4
125	12.5	8.0	12.0#



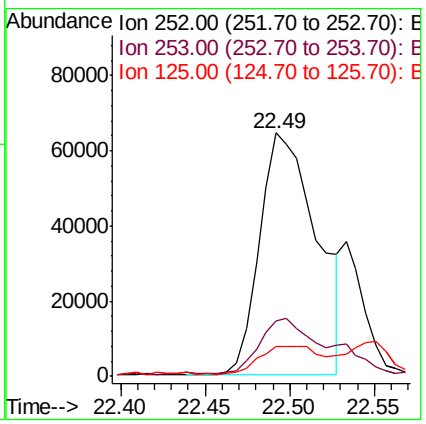


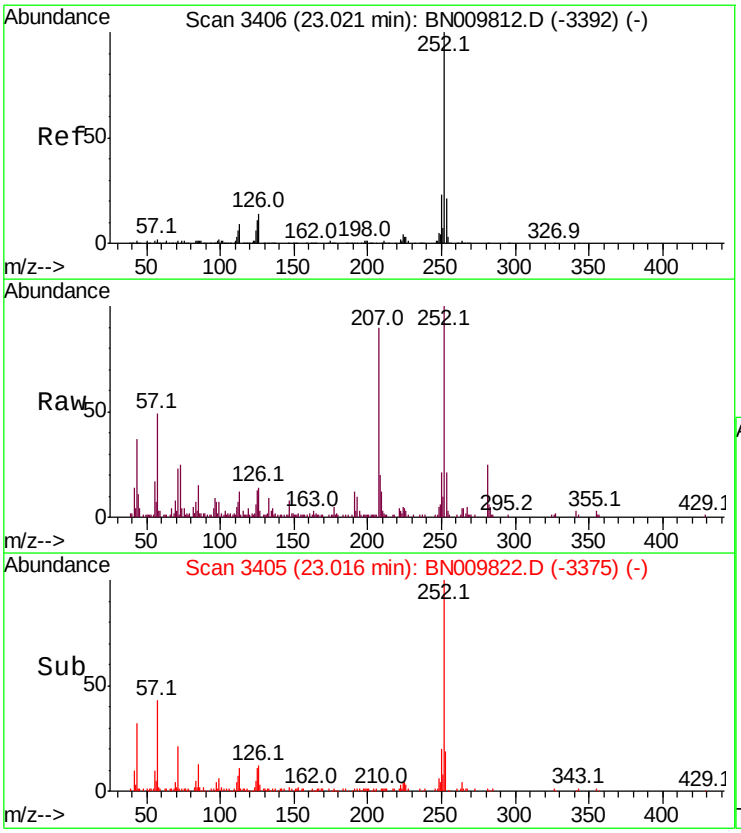
#89
Benzo(k)fluoranthene
Concen: 3.803 ng/ul
RT: 22.49 min Scan# 3316
Delta R.T. -0.06 min
Lab File: BN009822.D
Acq: 21 Feb 2020 23:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 150526

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	12.5	8.2	12.2#

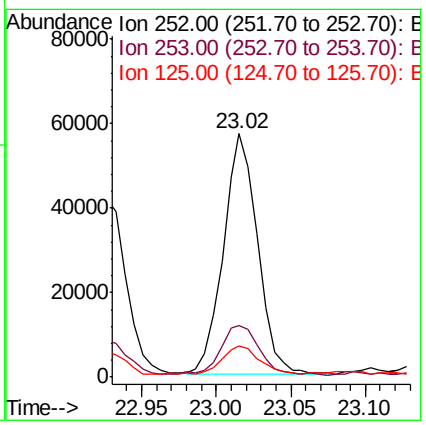


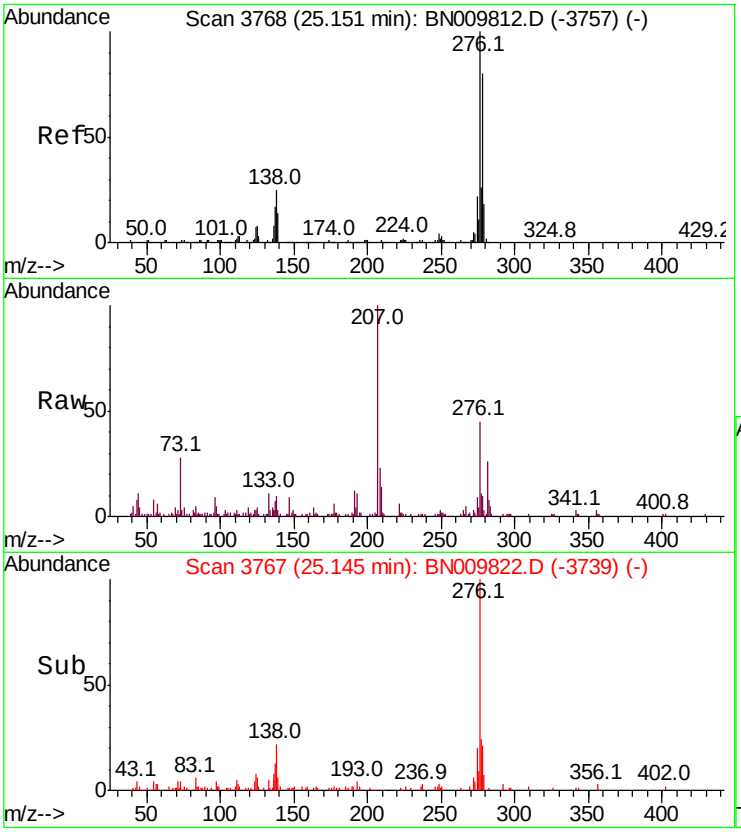


#91
Benzo(a)pyrene
Concen: 2.444 ng/ul
RT: 23.02 min Scan# 3405
Delta R.T. -0.02 min
Lab File: BN009822.D
Acq: 21 Feb 2020 23:53

Tgt Ion:252 Resp: 91896

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.0
125	12.7	9.0	13.6



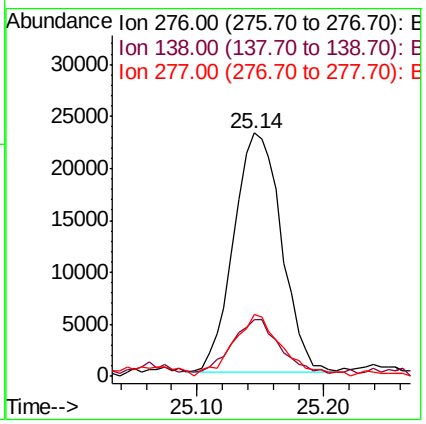


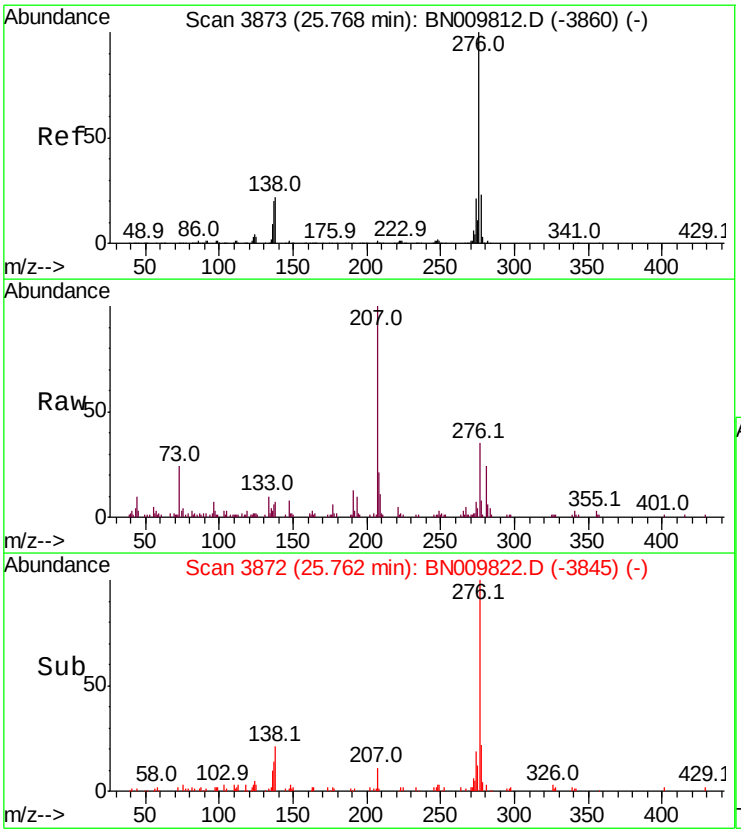
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.356 ng/ul
RT: 25.14 min Scan# 3767
Delta R.T. -0.04 min
Lab File: BN009822.D
Acq: 21 Feb 2020 23:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 60503

Ion	Ratio	Lower	Upper
276	100		
138	23.3	20.9	31.3
277	25.3	18.2	27.4





#94
Benzo(g,h,i)perylene
Concen: 1.497 ng/ul
RT: 25.76 min Scan# 3872
Delta R.T. -0.04 min
Lab File: BN009822.D
Acq: 21 Feb 2020 23:53

Tgt Ion:276 Resp: 56022

Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.5	26.3
277	21.7	18.1	27.1