Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009551.D
Acq On : 04 Feb 2020 04:46
Operator : CG/JU
Sample : L1271-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 04 05:39:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 04 02:55:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	162257	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	698940	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	436910	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	970492	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	958662	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	1087451	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	1711	0.43	ng/uL	0.00
5) Phenol-d5	6.64	99	35760	2.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	30217	3.18	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	29750	2.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	26985	2.39	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	13072	2.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	15157	2.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	26021	2.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	16987	1.45	ng/ul	0.02
43) Dimethylphthalate-d6	13.50	166	108290	3.40	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	110721	2.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	9922	1.65	ng/ul	0.01
57) Fluorene-d10	15.08	176	95227	3.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	8296	1.37	ng/ul	0.00
70) Anthracene-d10	16.93	188	133021	3.02	ng/ul	0.00
78) Pyrene-d10	19.24	212	153628	3.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	152942	2.86	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	13.79	152	308050	7.304	ng/ul	99
69) Phenanthrene	16.87	178	60436	1.092	ng/ul	97
71) Anthracene	16.96	178	89093	1.586	ng/ul	96
76) Fluoranthene	18.90	202	661764	10.476	ng/ul	97
79) Pyrene	19.27	202	2072328	29.612	ng/ul	99
82) Benzo(a)anthracene	21.07	228	579516	8.755	ng/ul	94
84) Chrysene	21.07	228	582148	8.835	ng/ul	99
87) Benzo(b)fluoranthene	22.54	252	655823	9.639	ng/ul	98
88) Benzo(k)fluoranthene	22.54	252	655823	9.788	ng/ul	97
90) Benzo(a)pyrene	23.06	252	569552	9.035	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.22	276	267392	3.568	ng/ul	92
93) Benzo(g,h,i)perylene	25.84	276	190993	3.041	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
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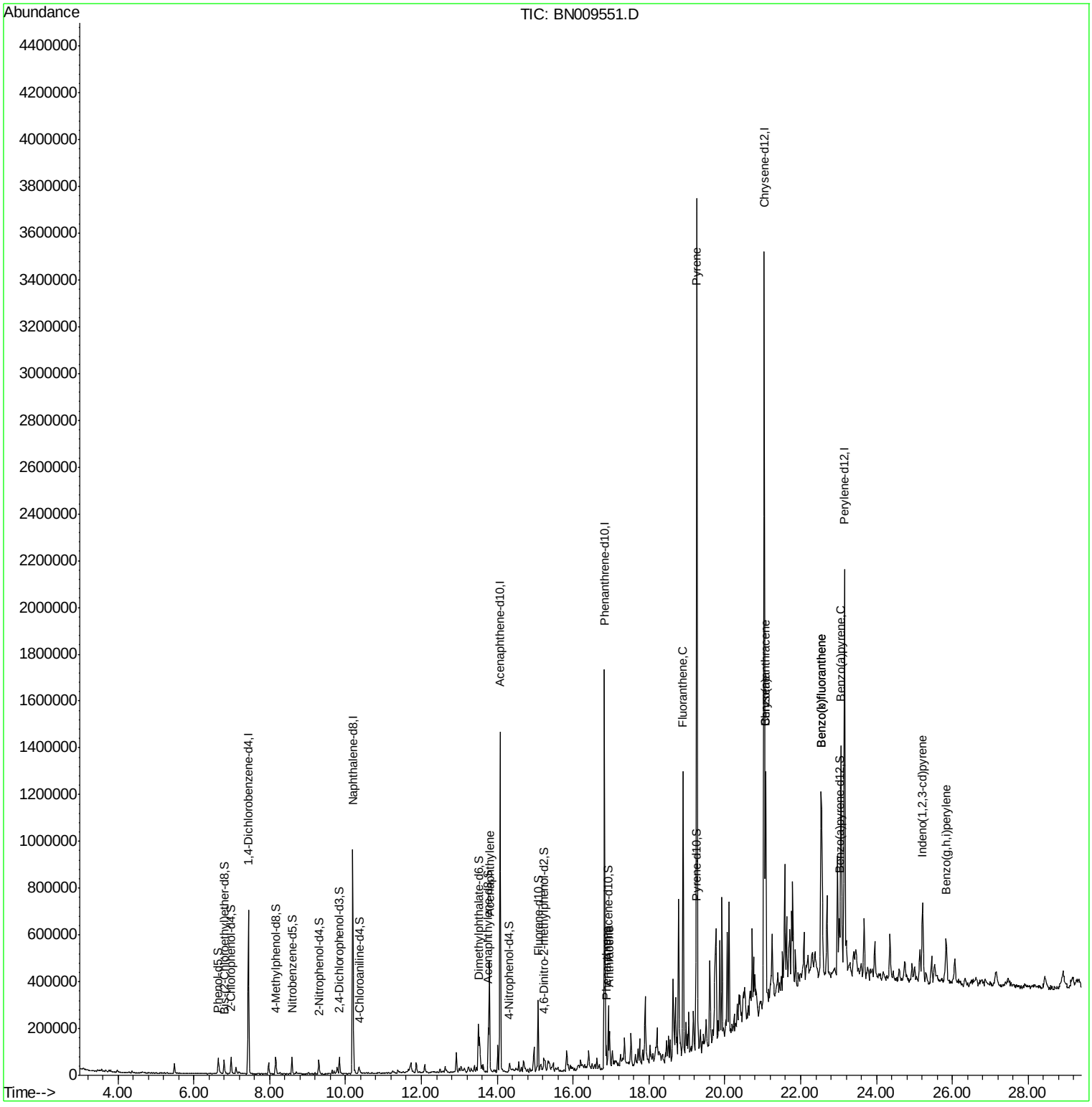
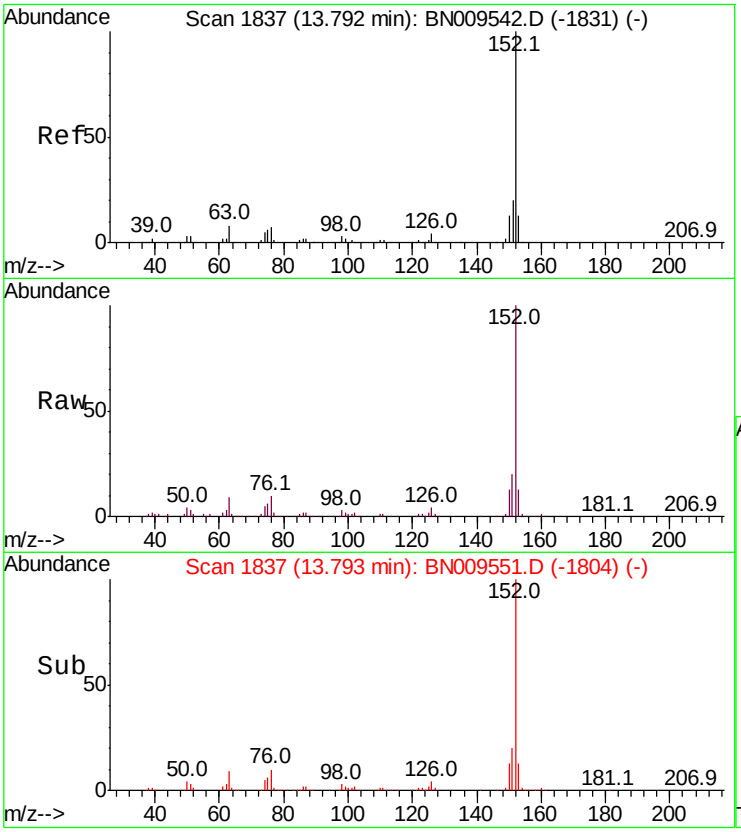
Acq On : 04 Feb 2020 04:46
Operator : CG/JU
Sample : L1271-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 04 05:39:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 04 02:55:31 2020
Response via : Initial Calibration



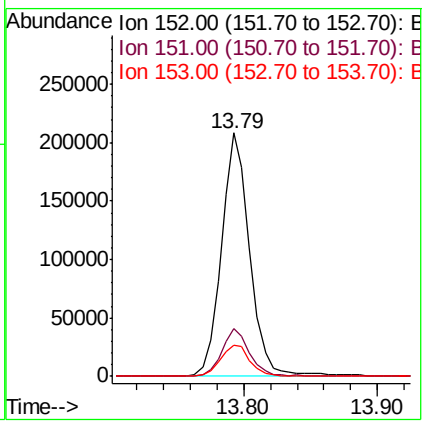


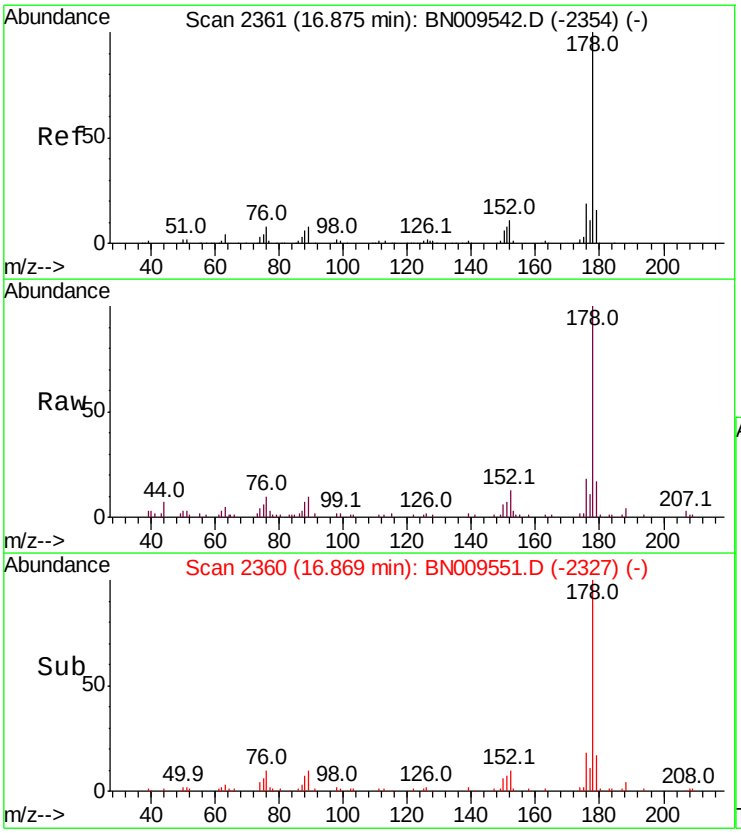
#47
Acenaphthylene
Concen: 7.304 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BN009551.D
Acq: 04 Feb 2020 04:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 308050

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.2
153	12.9	10.6	15.8

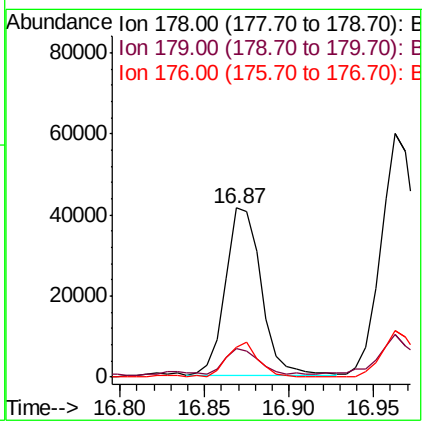


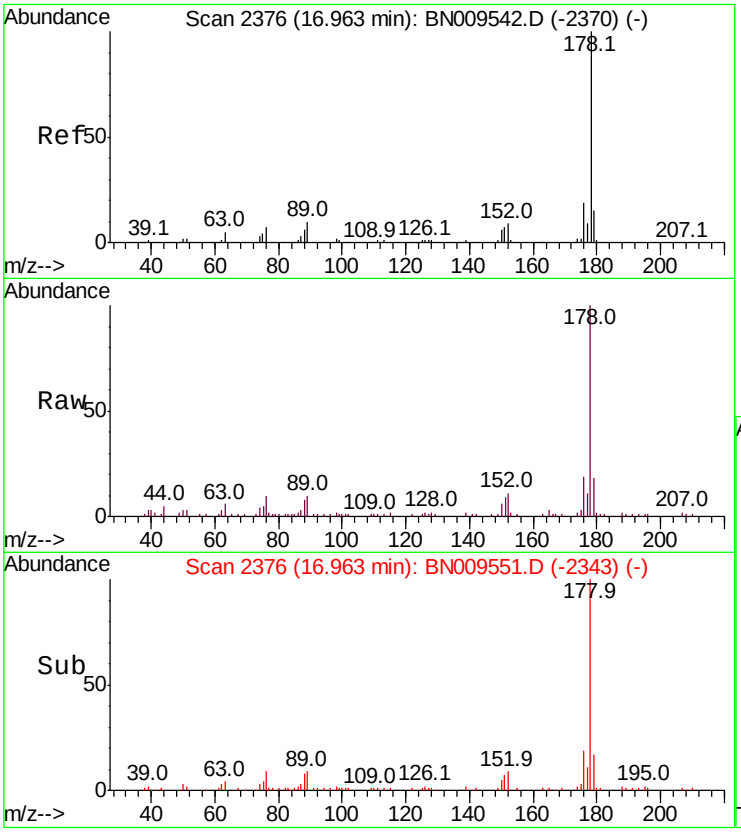


#69
Phenanthrene
Concen: 1.092 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. -0.01 min
Lab File: BN009551.D
Acq: 04 Feb 2020 04:46

Tgt Ion:178 Resp: 60436

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.2	18.2
176	17.8	14.8	22.2



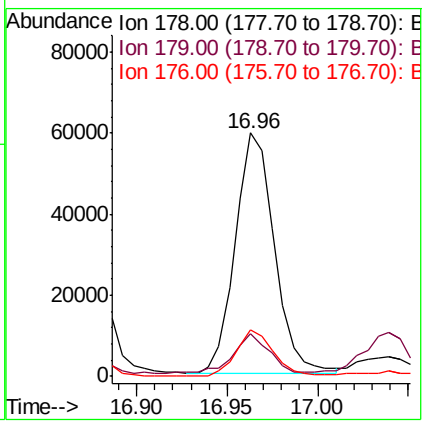


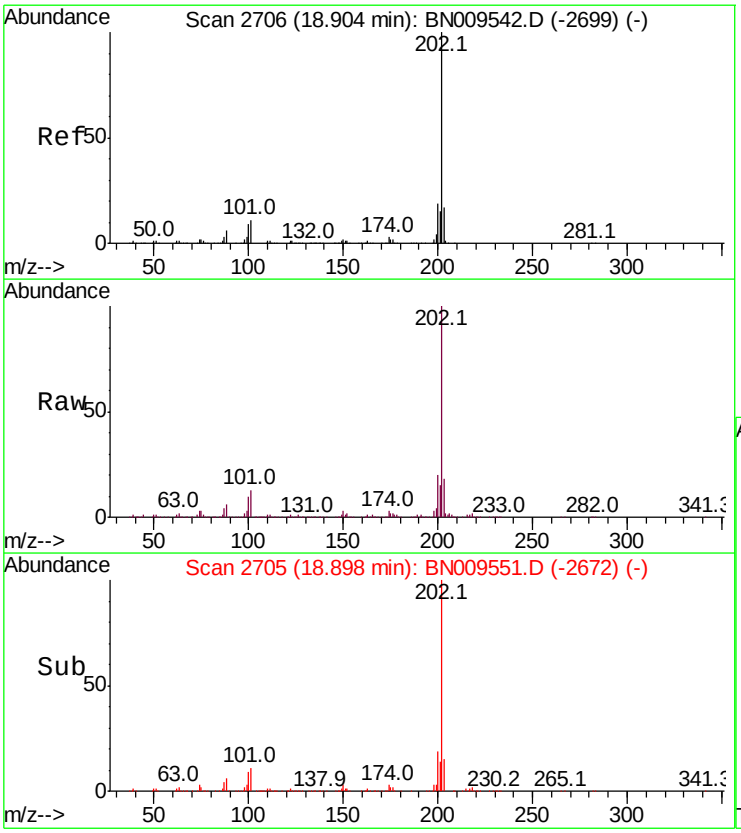
#71
Anthracene
Concen: 1.586 ng/ul
RT: 16.96 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BN009551.D
Acq: 04 Feb 2020 04:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 89093

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.1	18.1
176	19.2	14.6	21.8

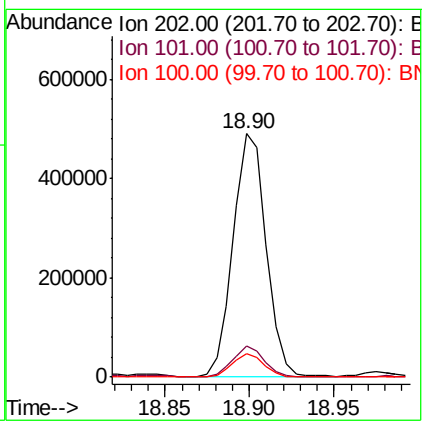


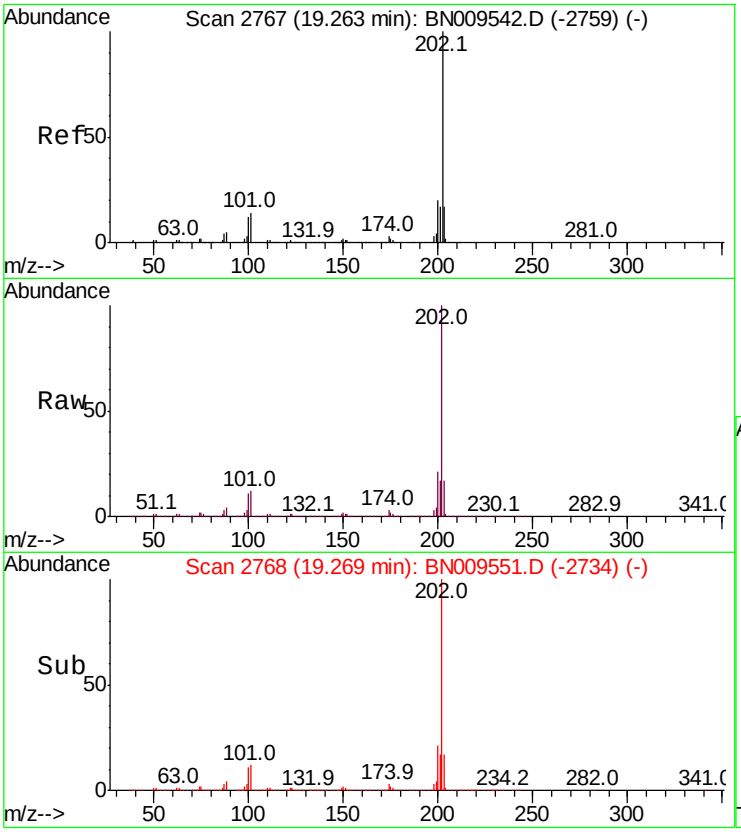


#76
Fluoranthene
Concen: 10.476 ng/ul
RT: 18.90 min Scan# 2705
Delta R.T. -0.01 min
Lab File: BN009551.D
Acq: 04 Feb 2020 04:46

Tgt Ion:202 Resp: 661764

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.2	13.8
100	9.7	6.9	10.3



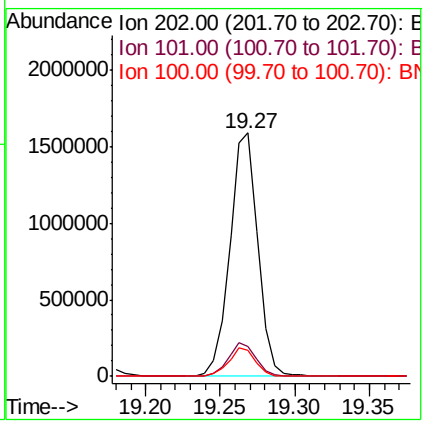


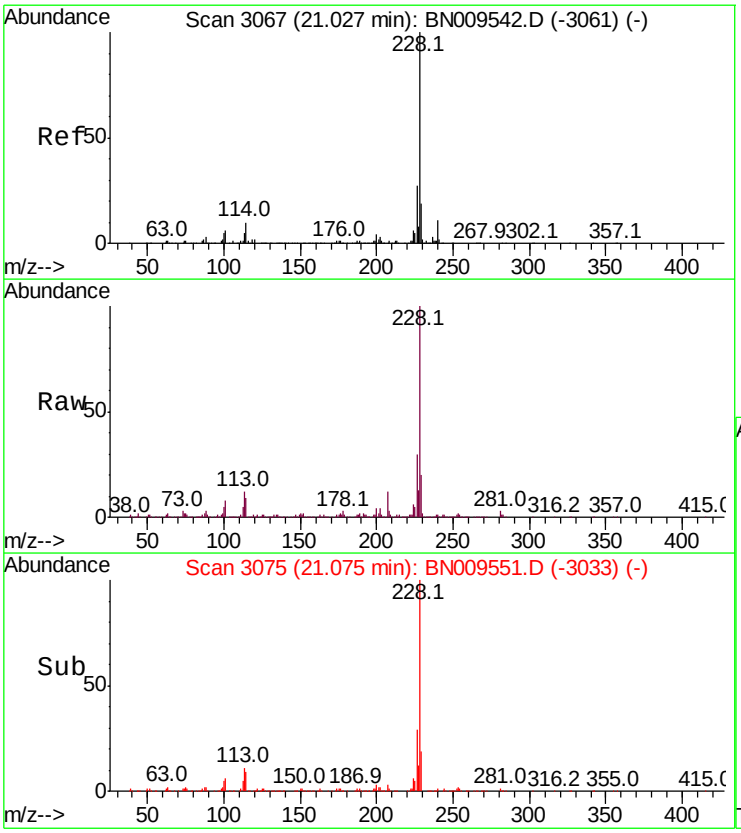
#79
Pyrene
Concen: 29.612 ng/ul
RT: 19.27 min Scan# 2768
Delta R.T. 0.00 min
Lab File: BN009551.D
Acq: 04 Feb 2020 04:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 2072328

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.3	15.5
100	10.6	8.4	12.6

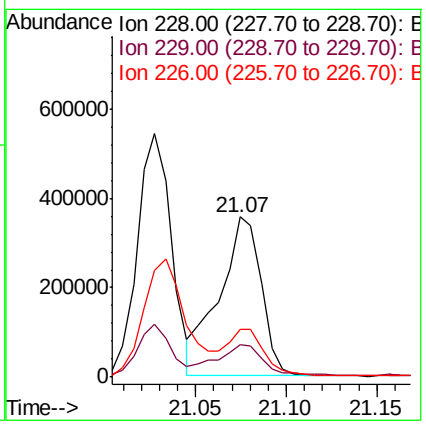


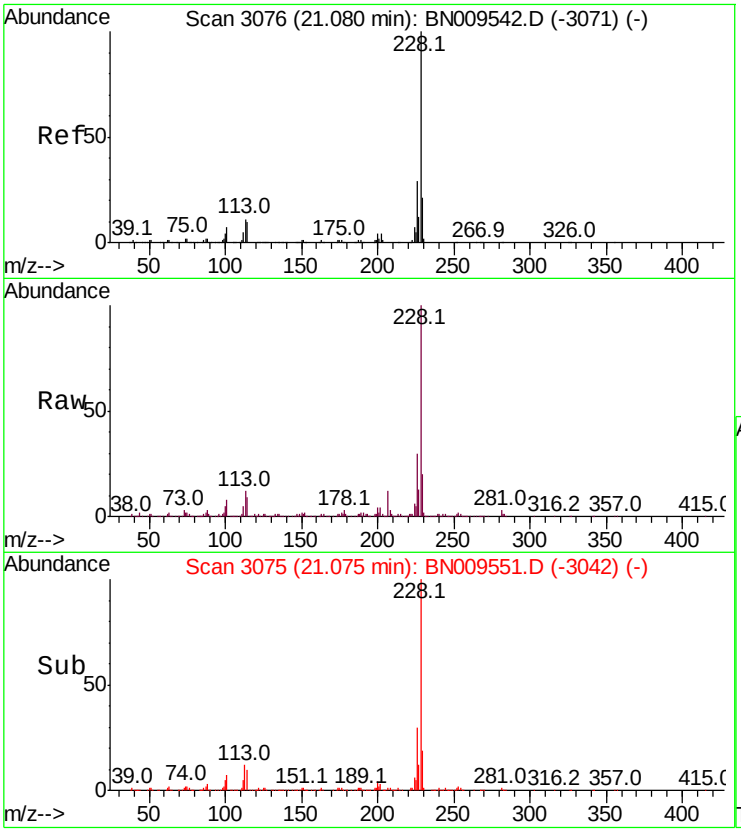


#82
Benzo(a)anthracene
Concen: 8.755 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. 0.05 min
Lab File: BN009551.D
Acq: 04 Feb 2020 04:46

Tgt Ion:228 Resp: 579516

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.0	22.4
226	29.9	20.9	31.3



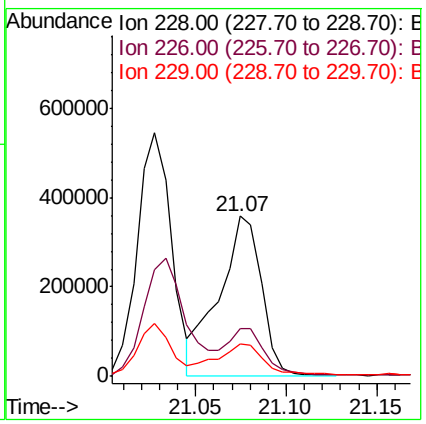


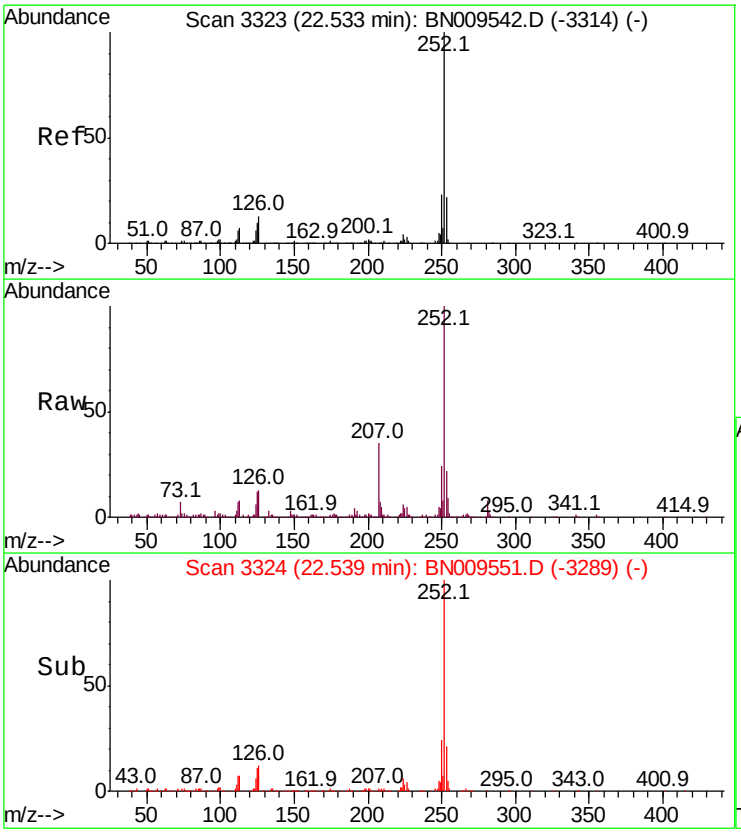
#84
Chrysene
Concen: 8.835 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009551.D
Acq: 04 Feb 2020 04:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 582148

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.5	35.3
229	20.0	15.8	23.8

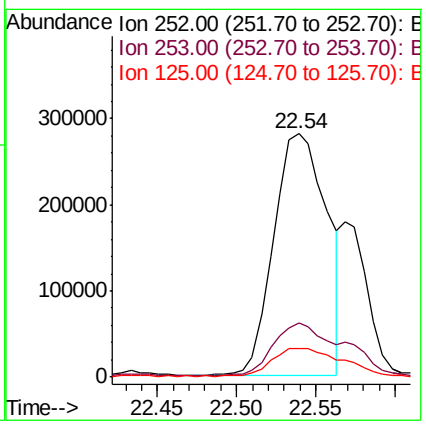


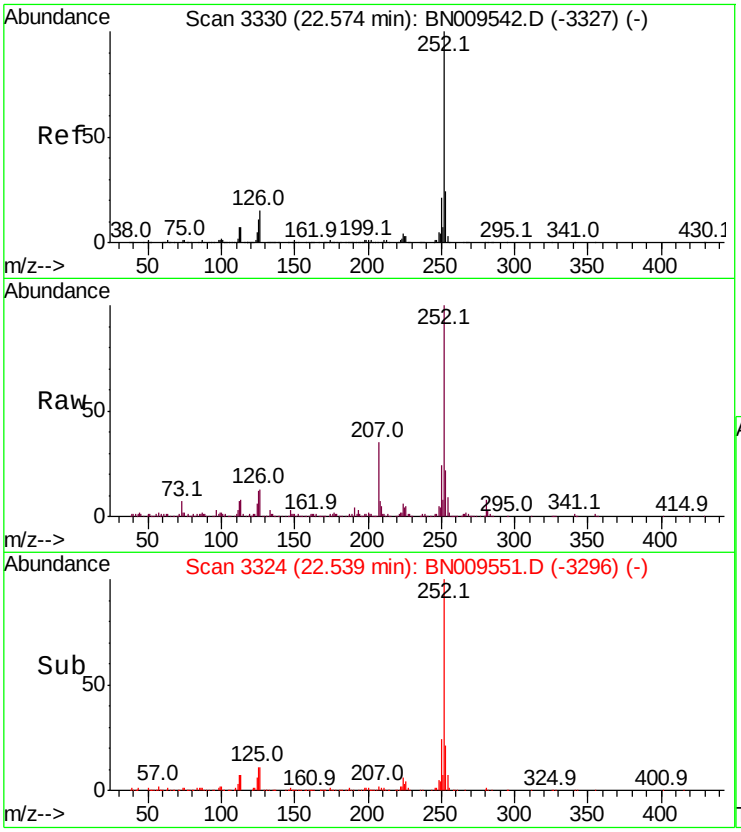


#87
Benzo(b)fluoranthene
Concen: 9.639 ng/ul
RT: 22.54 min Scan# 3324
Delta R.T. 0.01 min
Lab File: BN009551.D
Acq: 04 Feb 2020 04:46

Tgt Ion:252 Resp: 655823

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	11.7	8.2	12.2



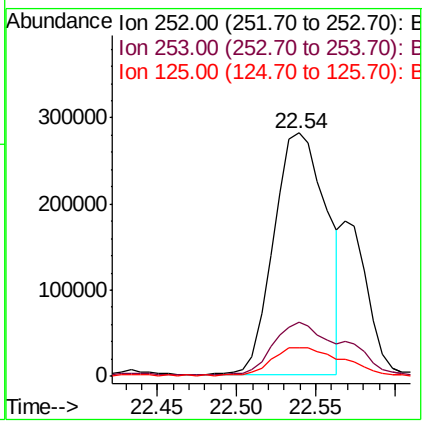


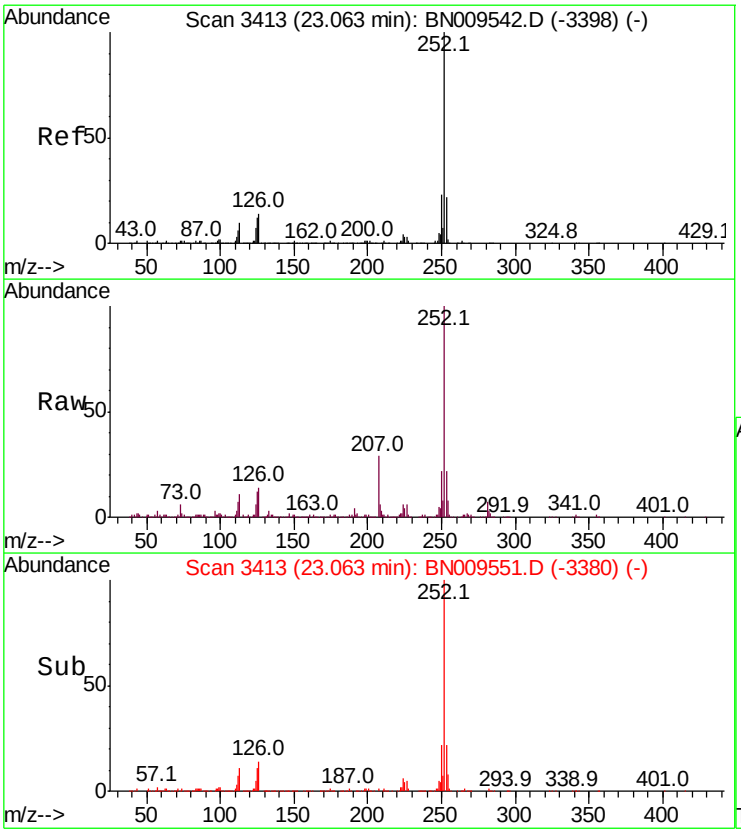
#88
Benzo(k)fluoranthene
Concen: 9.788 ng/ul
RT: 22.54 min Scan# 3324
Delta R.T. -0.04 min
Lab File: BN009551.D
Acq: 04 Feb 2020 04:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 655823

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	11.7	8.0	12.0

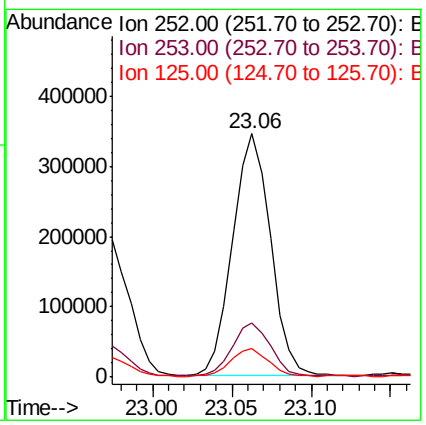


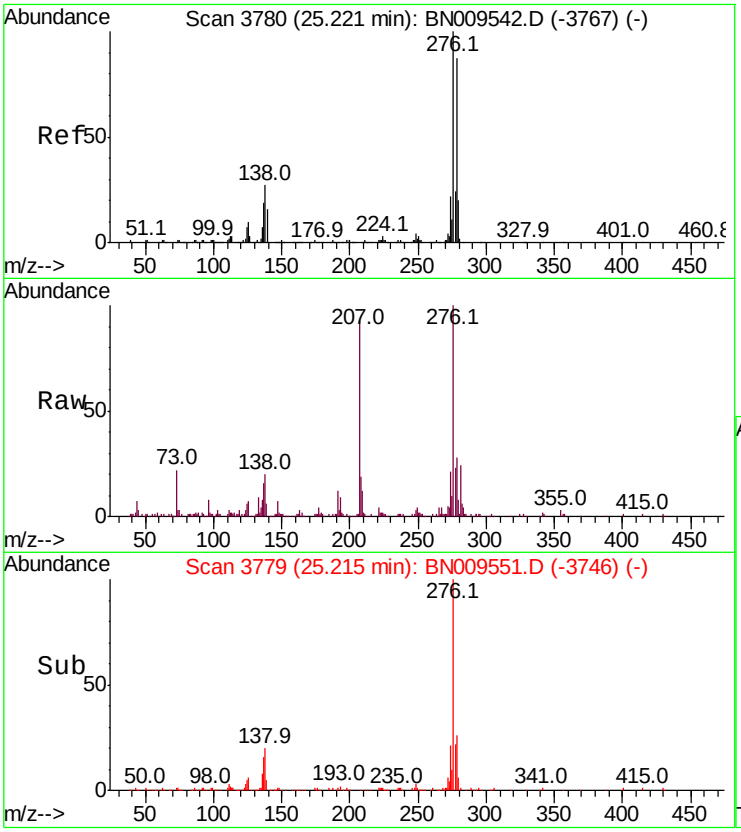


#90
Benzo(a)pyrene
Concen: 9.035 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN009551.D
Acq: 04 Feb 2020 04:46

Tgt Ion:252 Resp: 569552

Ion	Ratio	Lower	Upper
252	100		
253	22.3	15.8	23.8
125	11.6	8.7	13.1



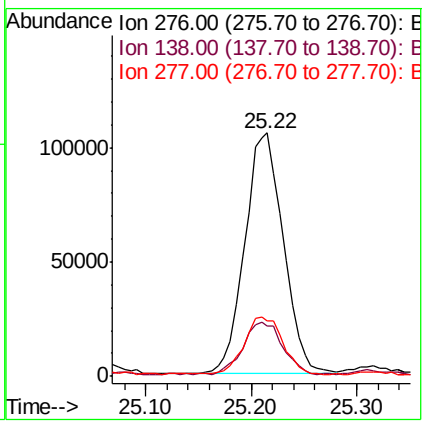


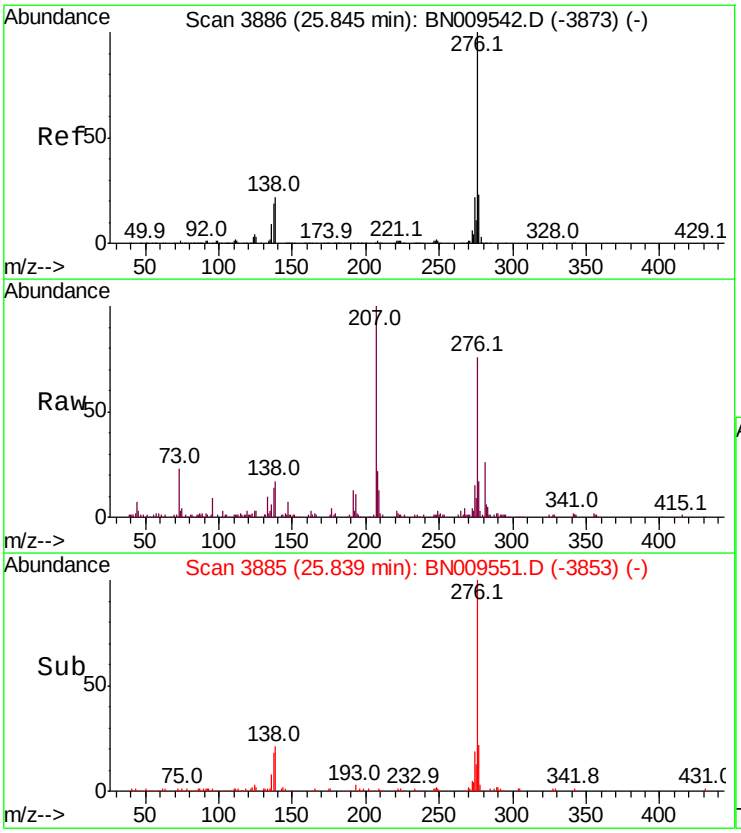
#91
Indeno(1,2,3-cd)pyrene
Concen: 3.568 ng/ul
RT: 25.22 min Scan# 3779
Delta R.T. -0.01 min
Lab File: BN009551.D
Acq: 04 Feb 2020 04:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 267392

Ion	Ratio	Lower	Upper
276	100		
138	20.4	20.3	30.5
277	23.0	21.2	31.8





#93
Benzo(g,h,i)perylene
Concen: 3.041 ng/ul
RT: 25.84 min Scan# 3885
Delta R.T. -0.01 min
Lab File: BN009551.D
Acq: 04 Feb 2020 04:46

Tgt Ion:276 Resp: 190993

Ion	Ratio	Lower	Upper
276	100		
138	21.7	16.0	24.0
277	22.2	17.0	25.6