Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010530.D
Acq On : 16 Apr 2020 23:29
Operator : CG/JU
Sample : L2191-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7A5

Quant Time: Apr 17 02:23:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 16 10:21:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	516522	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	2227539	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	1438497	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	3218111	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	3092886	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2726588	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	61182	6.20	ng/uL	0.00
5) Phenol-d5	6.78	99	1322175	32.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	720815	34.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	1146177	32.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	1169666	34.02	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	585634	34.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	674511	35.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	1224067	32.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	1521221	35.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	4013277	37.60	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	4744571	36.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	689833	33.20	ng/ul	0.00
58) Fluorene-d10	15.22	176	3464403	36.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	577337	34.34	ng/ul	0.00
71) Anthracene-d10	17.07	188	5485758	36.80	ng/ul	0.00
79) Pyrene-d10	19.37	212	6334290	36.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	5357531	37.88	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	17.01	178	1357807	7.598	ng/ul	99
72) Anthracene	17.10	178	266694	1.472	ng/ul	98
77) Fluoranthene	19.03	202	1743248	8.978	ng/ul	98
80) Pyrene	19.40	202	1576506	7.055	ng/ul	98
83) Benzo(a)anthracene	21.16	228	817672	3.811	ng/ul	99
85) Chrysene	21.21	228	752628	3.731	ng/ul	99
88) Benzo(b)fluoranthene	22.70	252	764831	4.299	ng/ul	96
89) Benzo(k)fluoranthene	22.74	252	263177	1.491	ng/ul#	97
91) Benzo(a)pyrene	23.25	252	436826	2.763	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.48	276	306442	1.722	ng/ul	95
94) Benzo(g,h,i)perylene	26.13	276	271887	1.846	ng/ul	98

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

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Instrument :
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Quant Title : SVOA CALIBRATION
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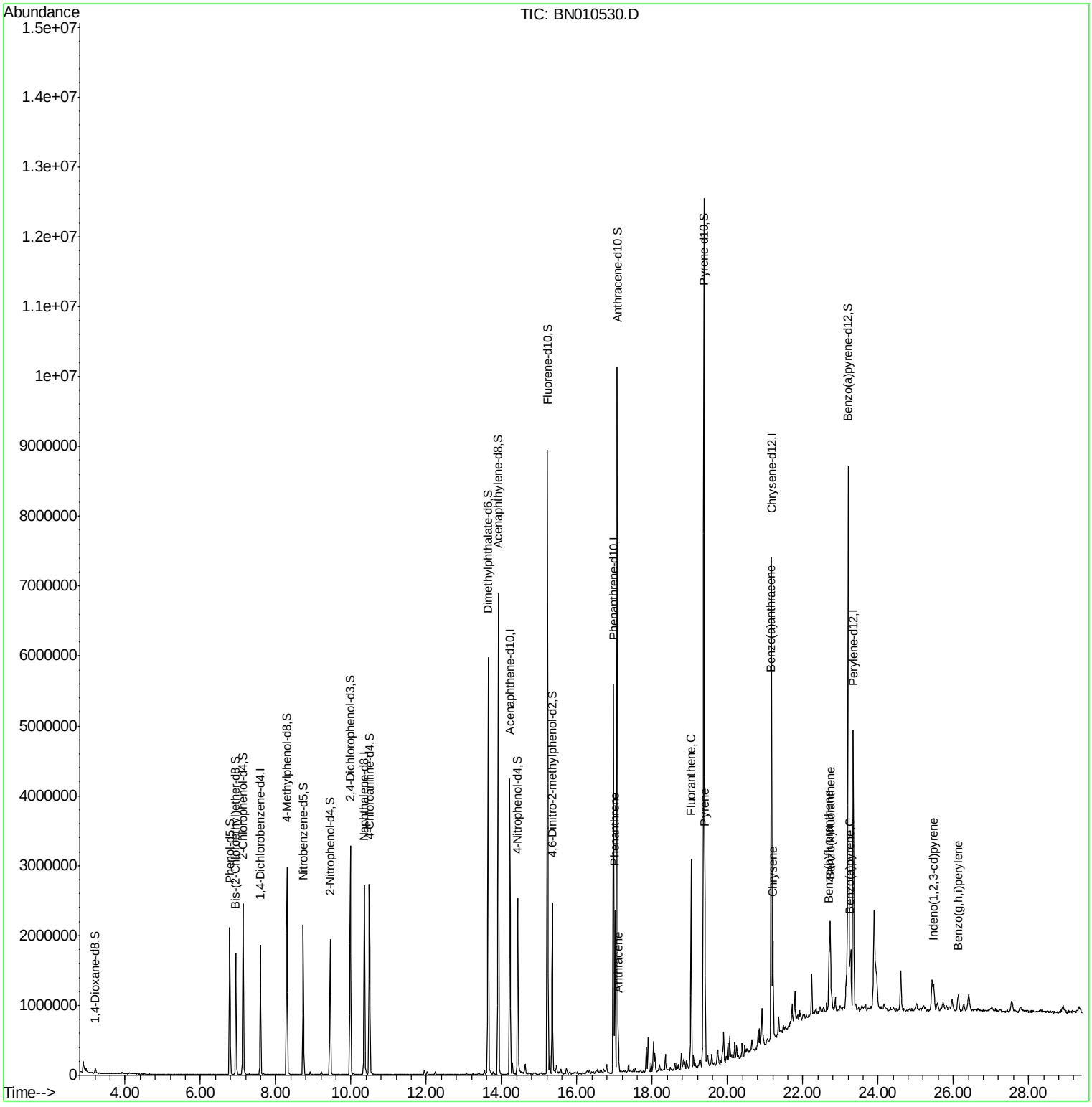
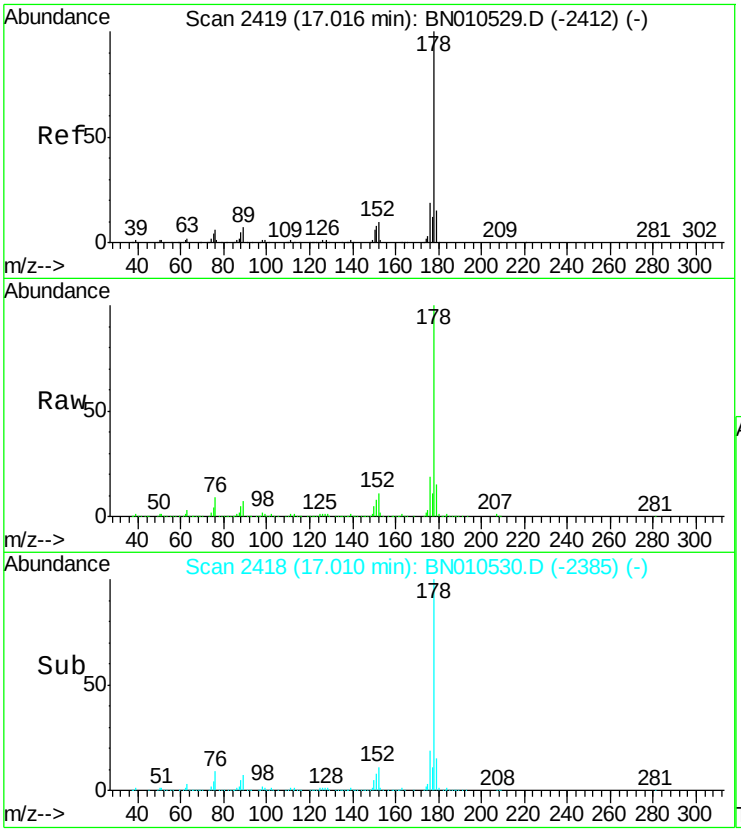


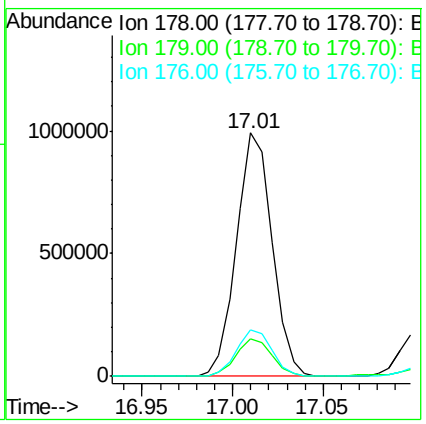


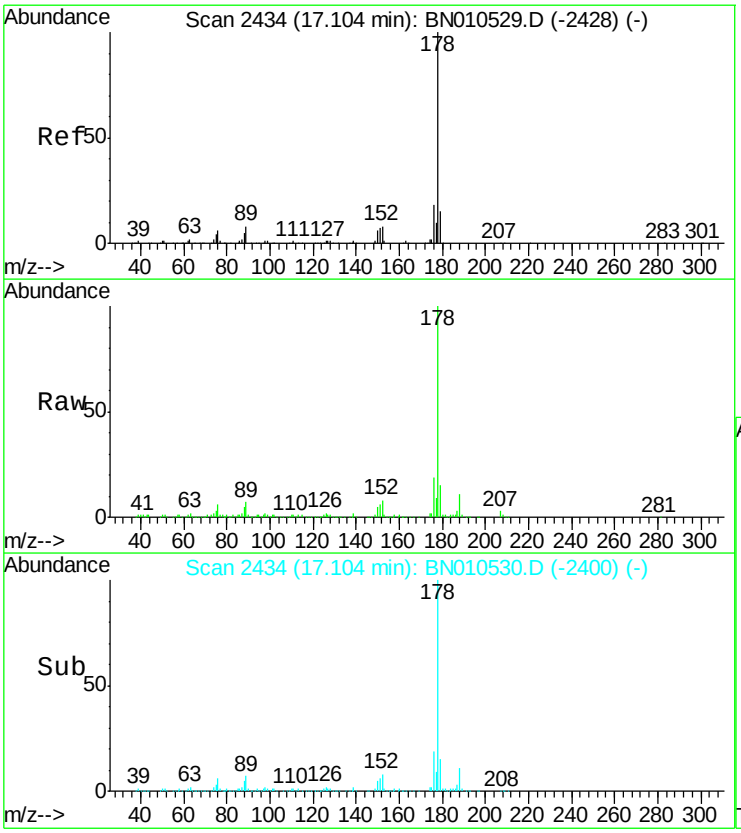
#70
Phenanthrene
Concen: 7.598 ng/ul
RT: 17.01 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BN010530.D
Acq: 16 Apr 2020 23:29

Instrument :
BNA_N
ClientSampleId :
CB7A5

Tgt Ion:178 Resp: 1357807

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.4	17.2
176	19.0	15.3	22.9

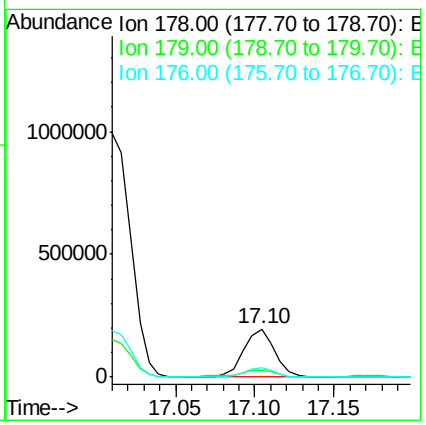


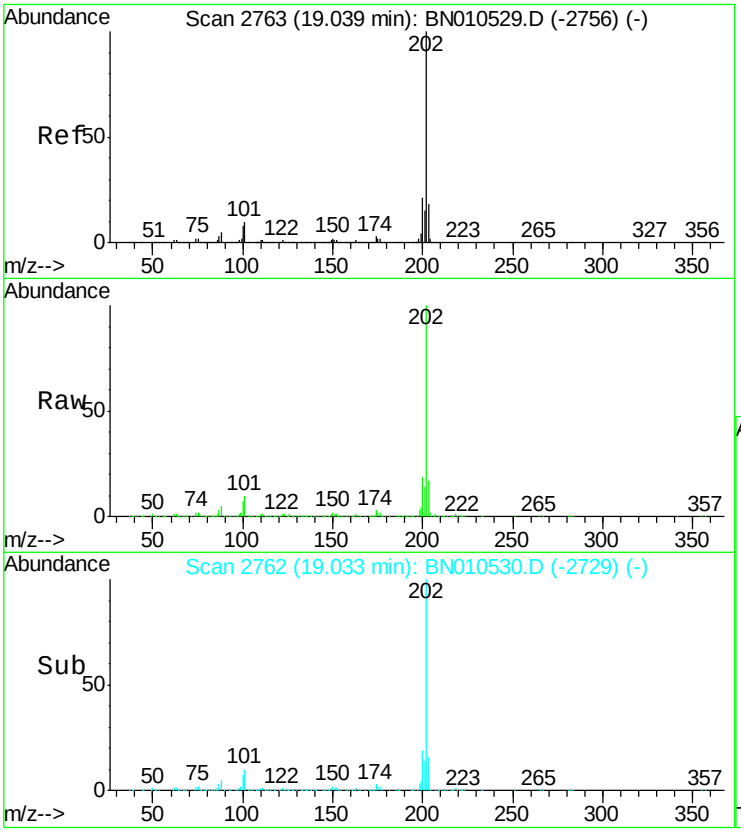


#72
Anthracene
Concen: 1.472 ng/ul
RT: 17.10 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BN010530.D
Acq: 16 Apr 2020 23:29

Tgt Ion:178 Resp: 266694

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	19.3	14.2	21.4



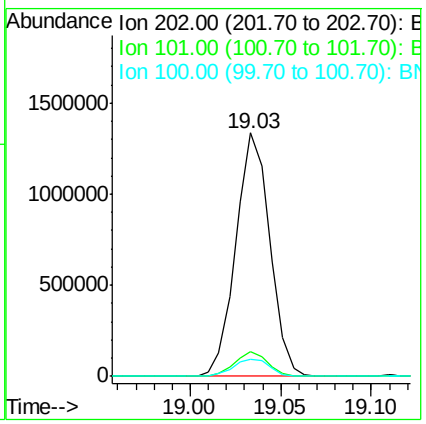


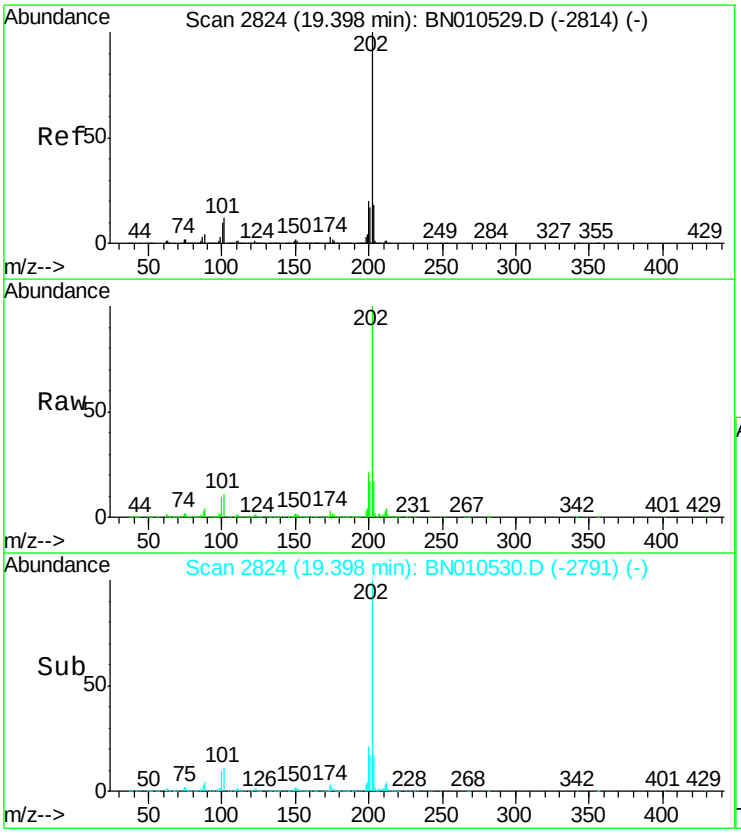
#77
Fluoranthene
Concen: 8.978 ng/ul
RT: 19.03 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BN010530.D
Acq: 16 Apr 2020 23:29

Instrument :
BNA_N
ClientSampleId :
CB7A5

Tgt Ion:202 Resp: 1743248

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.1	10.7
100	7.3	5.5	8.3

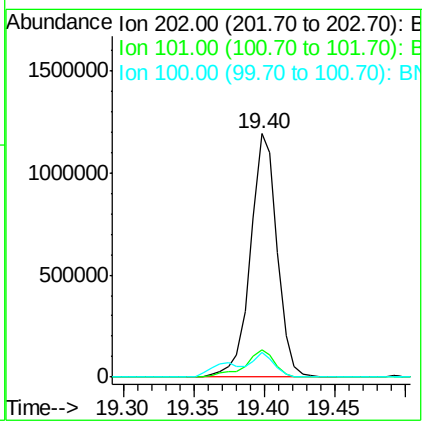


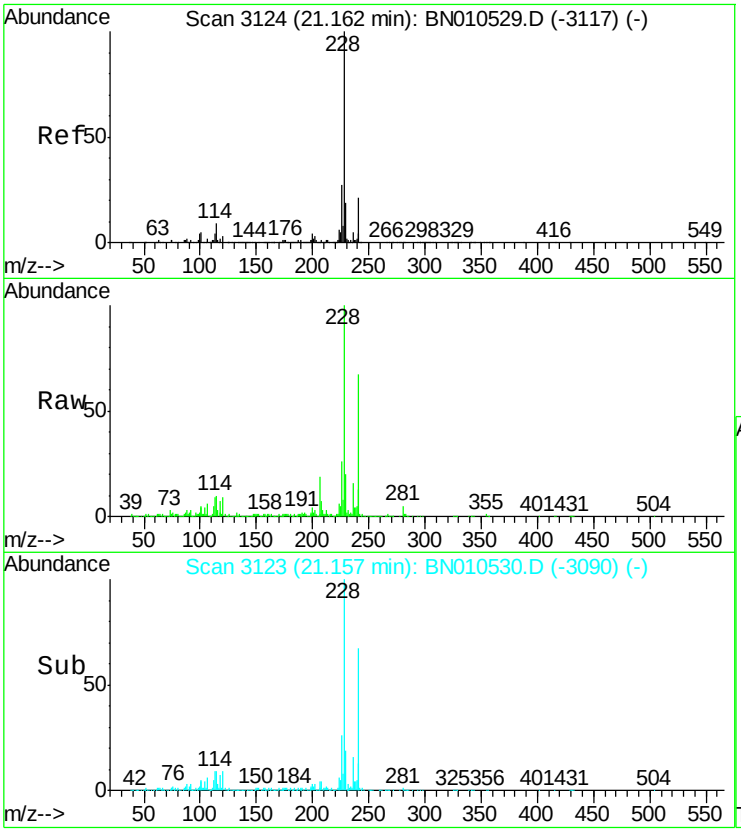


#80
Pyrene
Concen: 7.055 ng/ul
RT: 19.40 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BN010530.D
Acq: 16 Apr 2020 23:29

Tgt Ion:202 Resp: 1576506

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.6	13.0
100	10.0	7.0	10.6



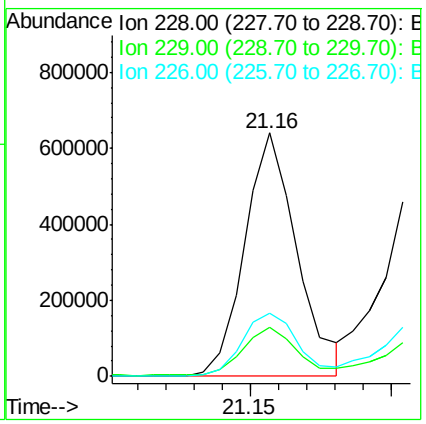


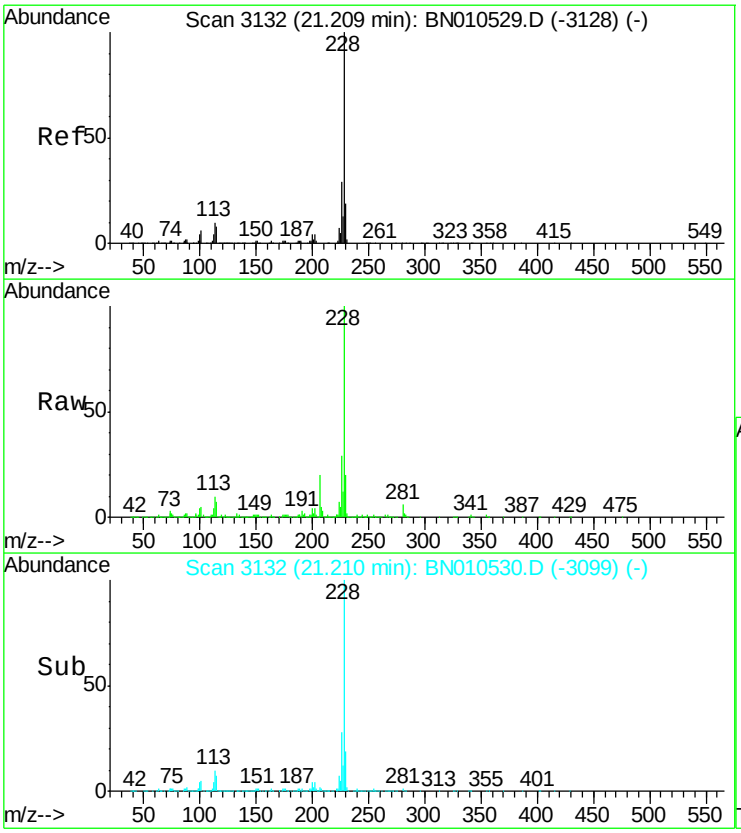
#83
Benzo(a)anthracene
Concen: 3.811 ng/ul
RT: 21.16 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BN010530.D
Acq: 16 Apr 2020 23:29

Instrument :
BNA_N
ClientSampleId :
CB7A5

Tgt Ion:228 Resp: 817672

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.0	24.0
226	26.1	21.4	32.2

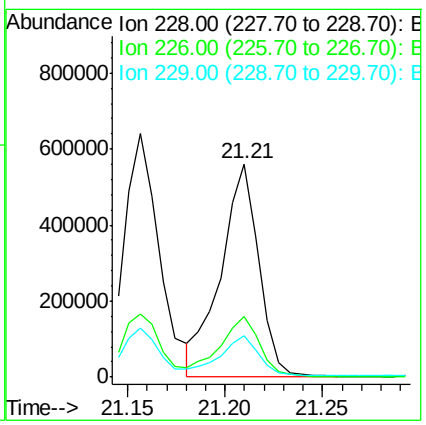


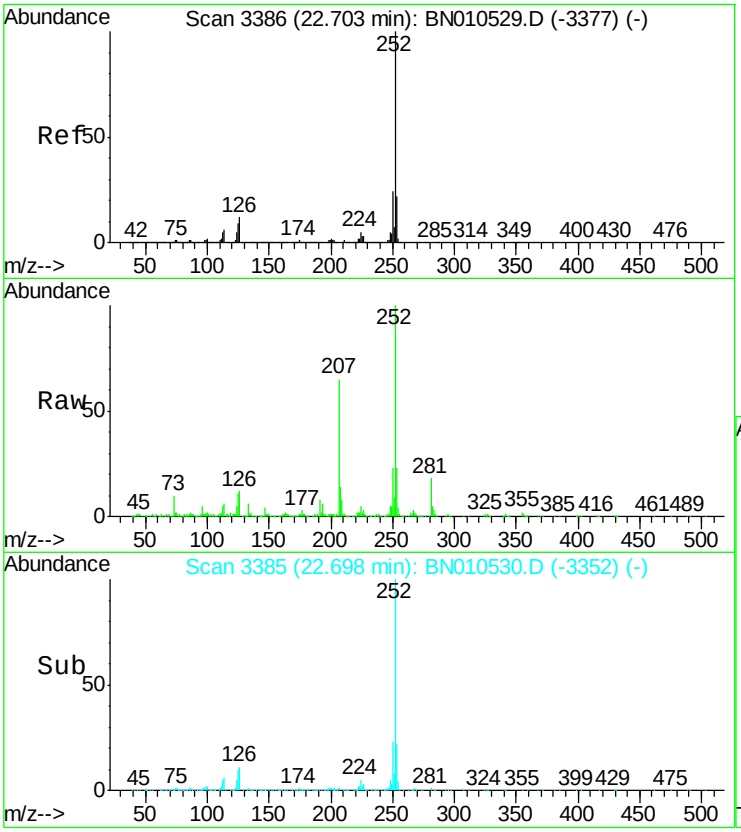


#85
Chrysene
Concen: 3.731 ng/ul
RT: 21.21 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BN010530.D
Acq: 16 Apr 2020 23:29

Tgt Ion:228 Resp: 752628

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.6
229	19.5	15.0	22.4



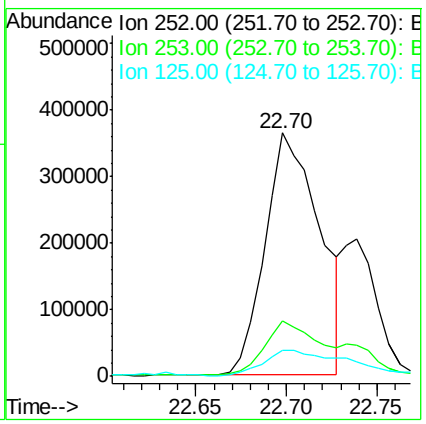


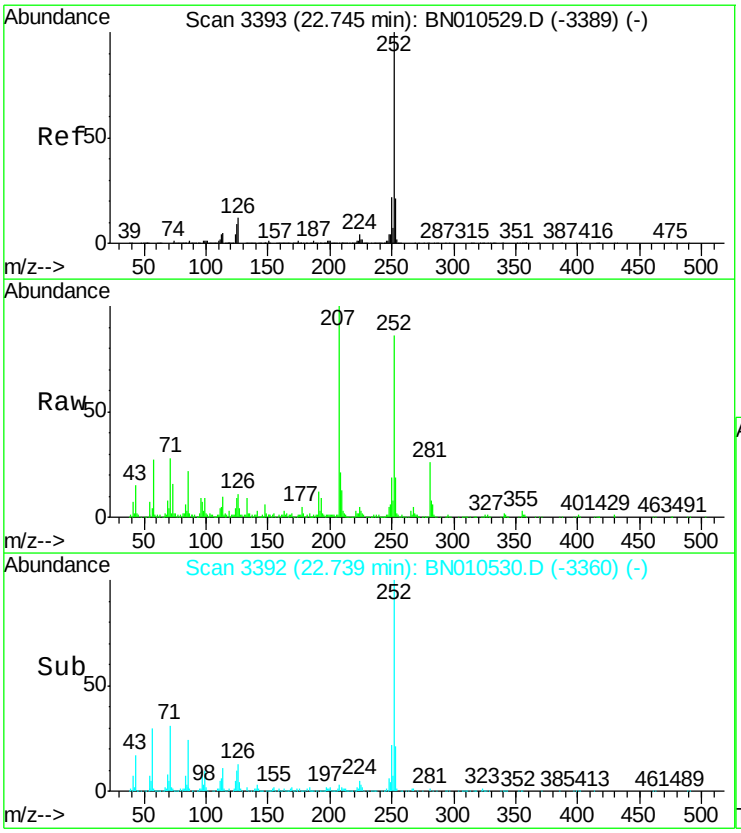
#88
Benzo(b)fluoranthene
Concen: 4.299 ng/ul
RT: 22.70 min Scan# 3385
Delta R.T. -0.01 min
Lab File: BN010530.D
Acq: 16 Apr 2020 23:29

Instrument :
BNA_N
ClientSampleId :
CB7A5

Tgt Ion:252 Resp: 764831

Ion	Ratio	Lower	Upper
252	100		
253	22.5	16.7	25.1
125	10.8	7.2	10.8

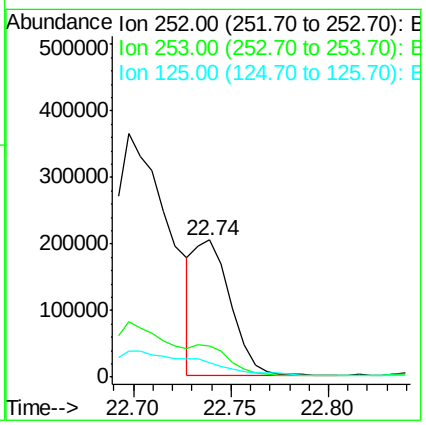


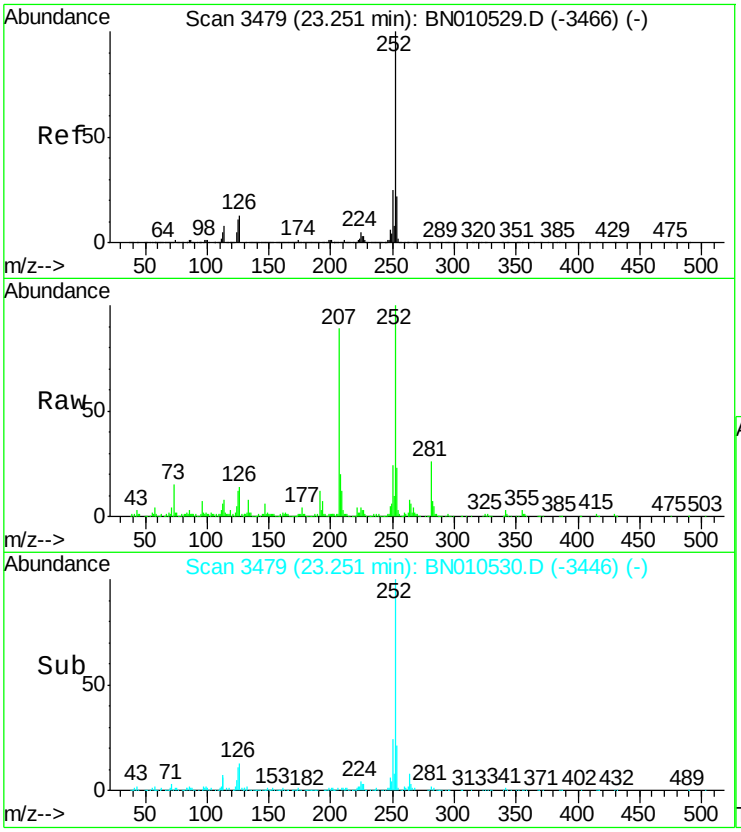


#89
Benzo(k)fluoranthene
Concen: 1.491 ng/ul
RT: 22.74 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BN010530.D
Acq: 16 Apr 2020 23:29

Tgt Ion:252 Resp: 263177

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	10.7	6.9	10.3#



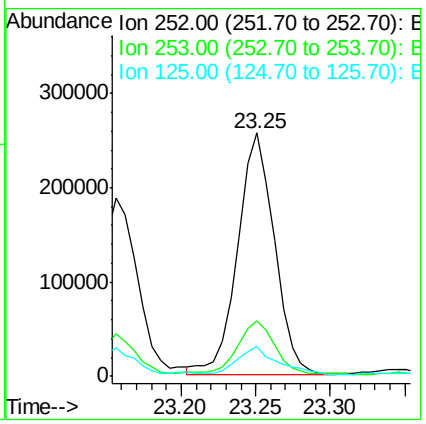


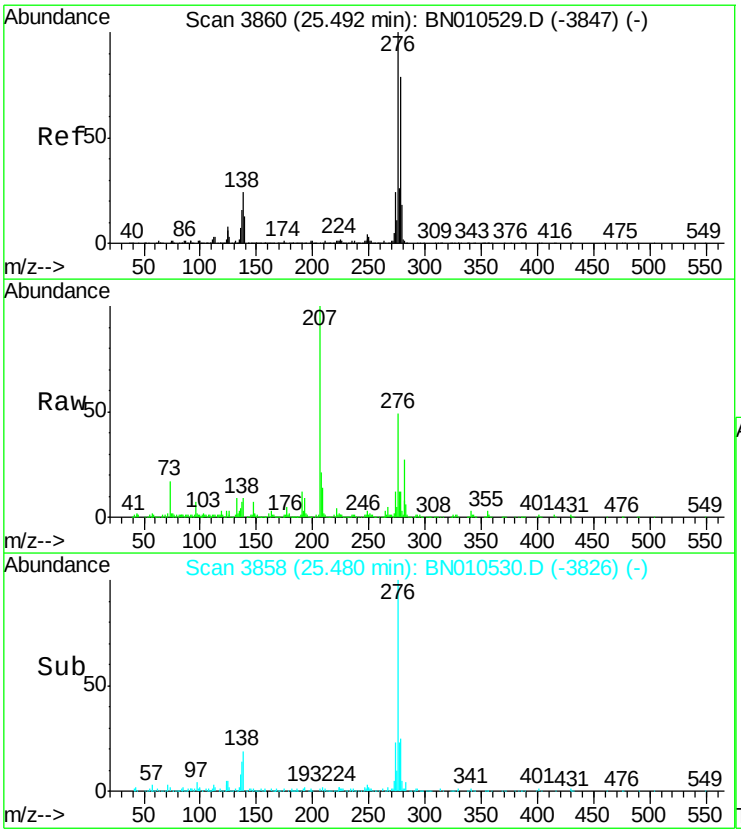
#91
Benzo(a)pyrene
Concen: 2.763 ng/ul
RT: 23.25 min Scan# 3479
Delta R.T. -0.01 min
Lab File: BN010530.D
Acq: 16 Apr 2020 23:29

Instrument :
BNA_N
ClientSampleId :
CB7A5

Tgt Ion:252 Resp: 436826

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	12.3	7.8	11.6#

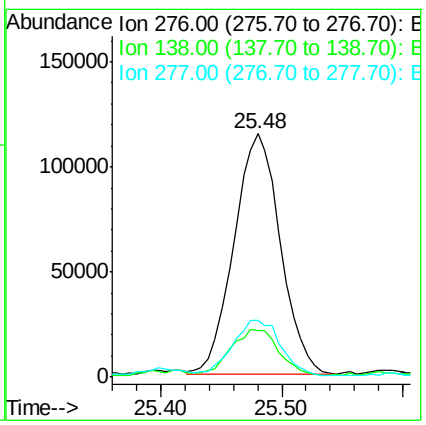


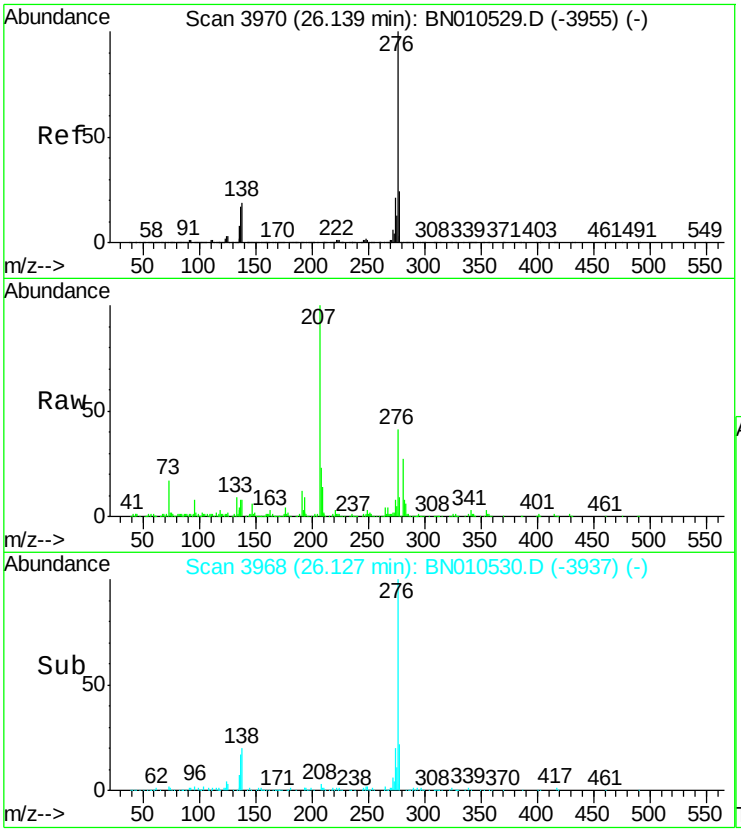


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.722 ng/ul
RT: 25.48 min Scan# 3858
Delta R.T. -0.01 min
Lab File: BN010530.D
Acq: 16 Apr 2020 23:29

Tgt Ion:276 Resp: 306442

Ion	Ratio	Lower	Upper
276	100		
138	19.1	18.3	27.5
277	23.5	19.8	29.8





#94
Benzo(g,h,i)perylene
Concen: 1.846 ng/ul
RT: 26.13 min Scan# 3968
Delta R.T. -0.02 min
Lab File: BN010530.D
Acq: 16 Apr 2020 23:29

Instrument :
BNA_N
ClientSampleId :
CB7A5

Tgt Ion:276 Resp: 271887

Ion	Ratio	Lower	Upper
276	100		
138	20.5	14.7	22.1
277	22.9	18.4	27.6