Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010030.D
Acq On : 29 Feb 2020 18:24
Operator : CG/JU
Sample : L1615-07
Misc :
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Mar 02 06:35:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : DBDN1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	69221	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	300380	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	185003	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	383530	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	343864	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	374193	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	3453	2.05	ng/uL	0.00
5) Phenol-d5	6.59	99	71753	12.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	54665	13.45	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	58858	13.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	55872	11.93	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	26412	12.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	29650	12.33	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.78	165	57292m	12.40	ng/ul	0.02
29) 4-Chloroaniline-d4	10.30	131	54472m	10.49	ng/ul	0.02
44) Dimethylphthalate-d6	13.45	166	187812	13.59	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	224106	13.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	17418m	6.90	ng/ul	0.04
58) Fluorene-d10	15.02	176	171224	14.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	15181	6.37	ng/ul	0.01
71) Anthracene-d10	16.87	188	259364	14.75	ng/ul	0.00
79) Pyrene-d10	19.18	212	293327	16.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	290131	15.53	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.50	163	27989	1.941	ng/ul	96
48) Acenaphthylene	13.73	152	34282	1.946	ng/ul	96
70) Phenanthrene	16.82	178	36671	1.675	ng/ul	97
72) Anthracene	16.91	178	173474	7.753	ng/ul	99
77) Fluoranthene	18.85	202	478452	18.661	ng/ul	97
80) Pyrene	19.22	202	778234	31.392	ng/ul	95
83) Benzo(a)anthracene	20.98	228	332806	14.084	ng/ul	97
85) Chrysene	21.03	228	433966	18.654	ng/ul	97
88) Benzo(b)fluoranthene	22.49	252	644752	26.575	ng/ul	99
89) Benzo(k)fluoranthene	22.52	252	175921	7.658	ng/ul	99
91) Benzo(a)pyrene	23.00	252	257542	11.803	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.13	276	133326	5.146	ng/ul	93
93) Dibenzo(a,h)anthracene	25.13	278	35271	1.591	ng/ul#	81
94) Benzo(g,h,i)perylene	25.75	276	79757	3.672	ng/ul	96

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

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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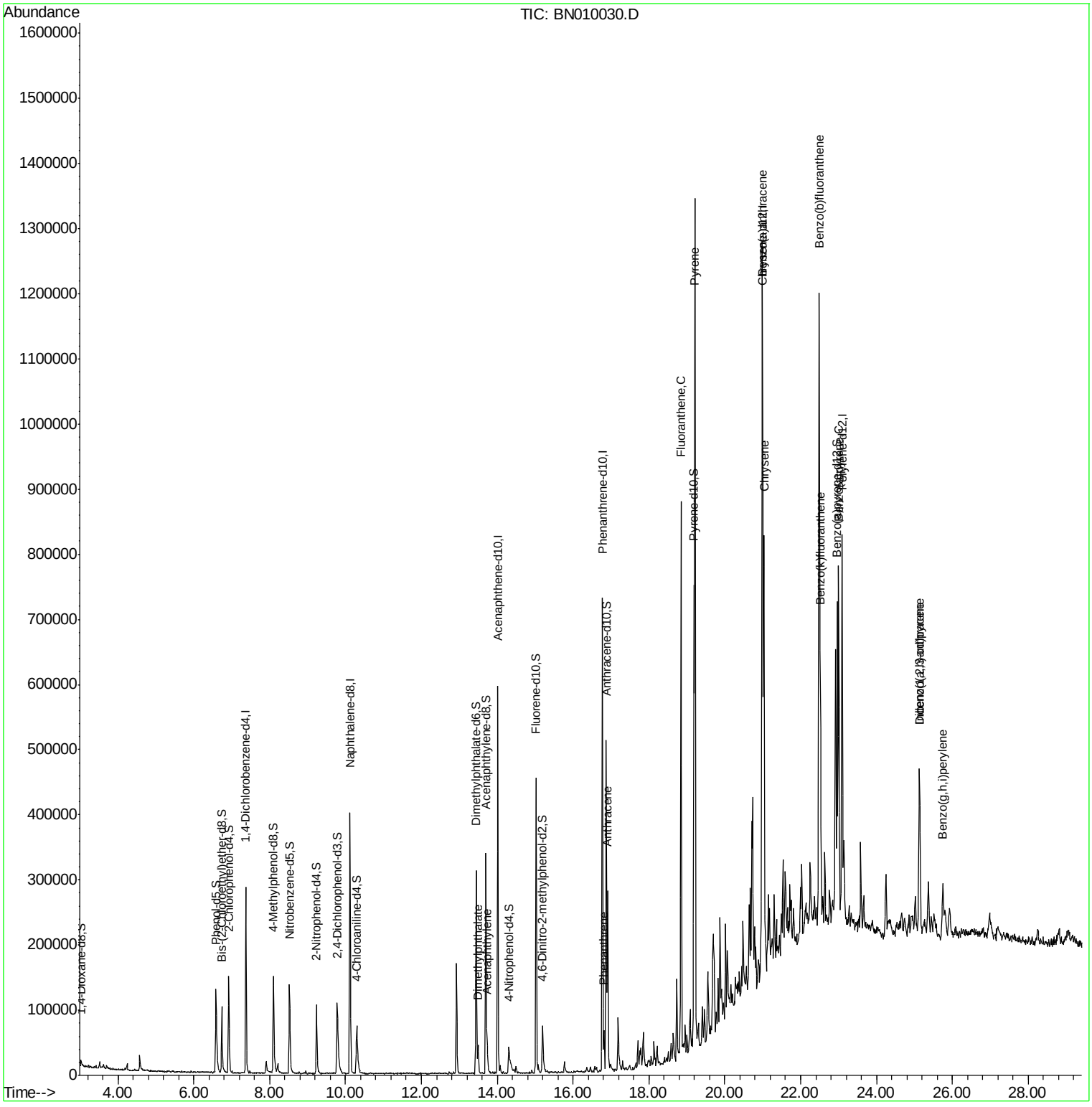
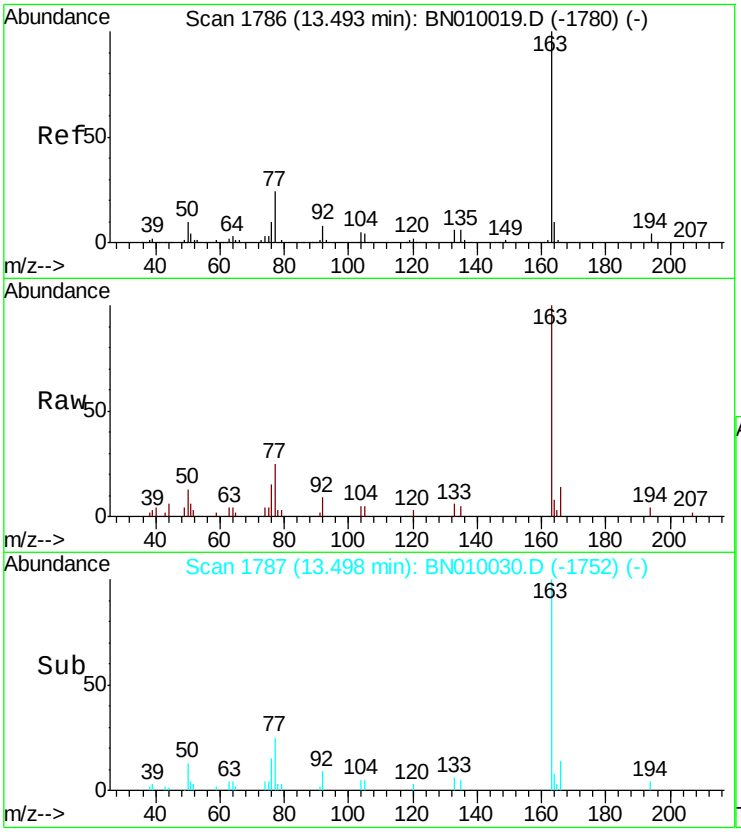
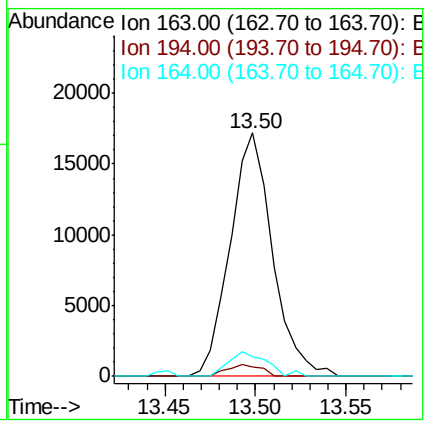




#45
Dimethylphthalate
Concen: 1.941 ng/ul
RT: 13.50 min Scan# 1787
Delta R.T. 0.01 min
Lab File: BN010030.D
Acq: 29 Feb 2020 18:24

Tgt Ion:163 Resp: 27989

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	8.2	8.0	12.0



Instrument :
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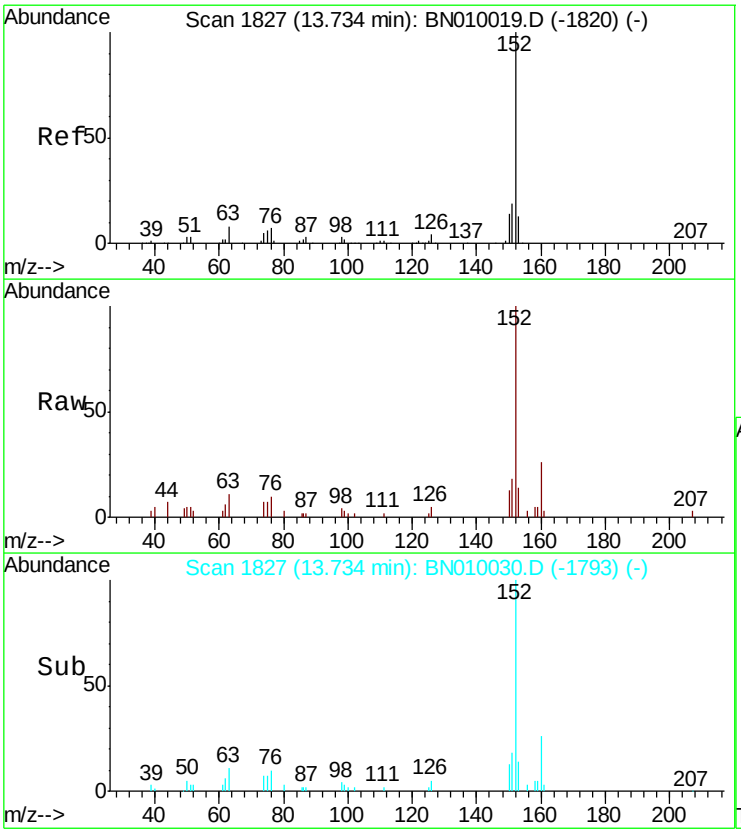
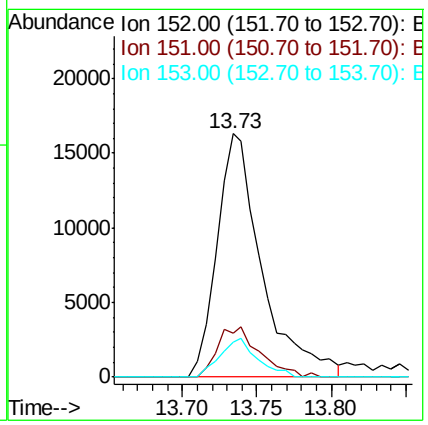
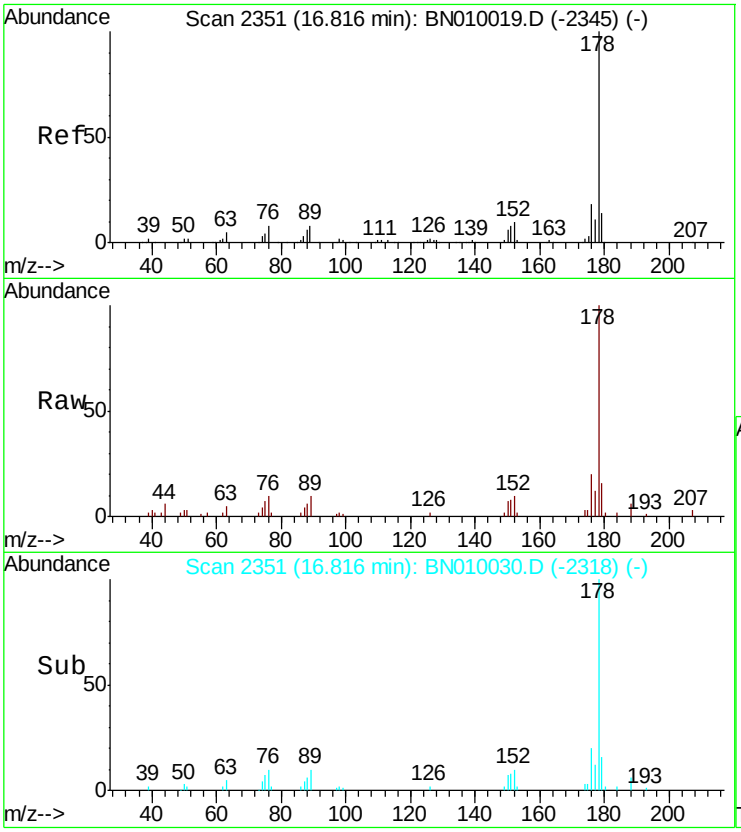


#48
Acenaphthylene
Concen: 1.946 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BN010030.D
Acq: 29 Feb 2020 18:24

Tgt Ion:152 Resp: 34282

Ion	Ratio	Lower	Upper
152	100		
151	17.8	15.7	23.5
153	14.4	10.3	15.5

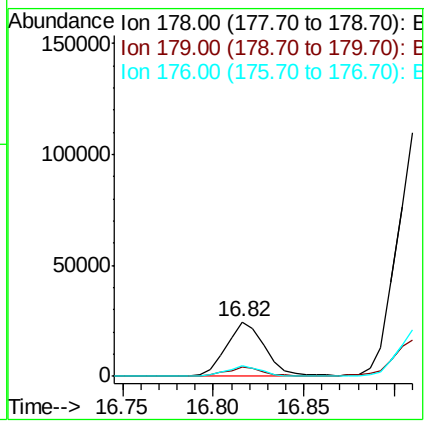




#70
Phenanthrene
Concen: 1.675 ng/ul
RT: 16.82 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BN010030.D
Acq: 29 Feb 2020 18:24

Tgt Ion:178 Resp: 36671

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.5	18.7
176	20.1	14.6	22.0



Instrument :
BNA_N
ClientSampleId :
DBDN1

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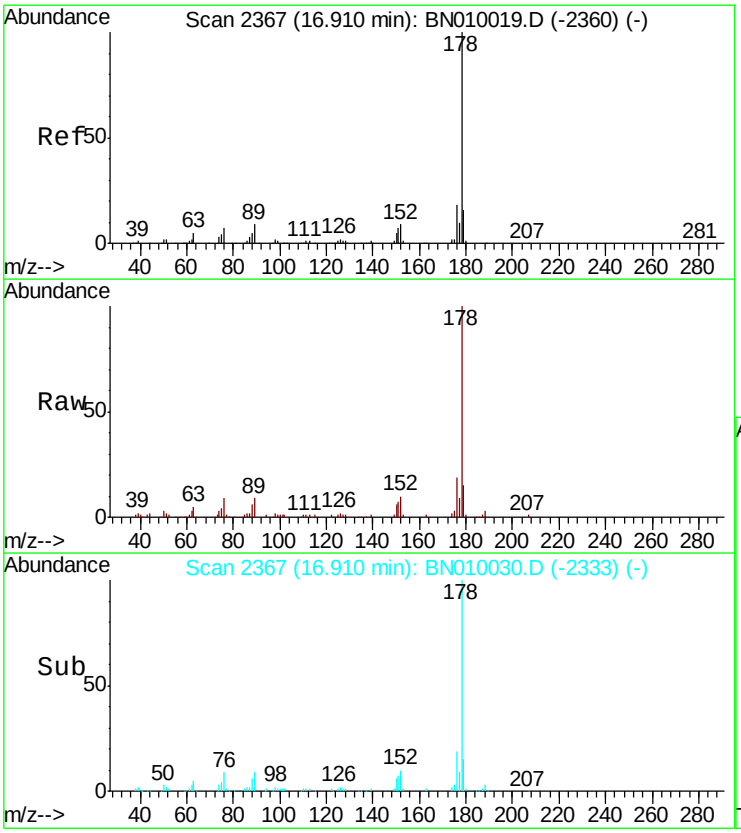
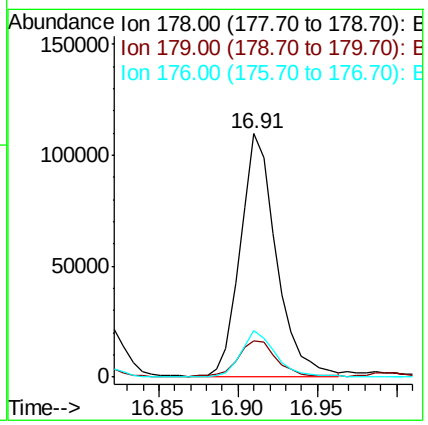
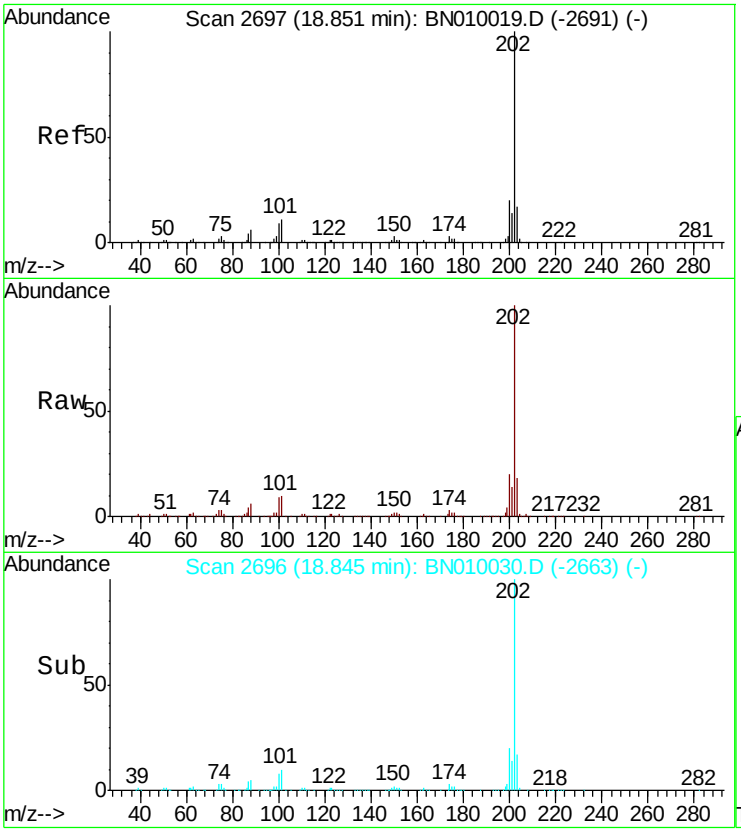


#72
Anthracene
Concen: 7.753 ng/ul
RT: 16.91 min Scan# 2367
Delta R.T. 0.00 min
Lab File: BN010030.D
Acq: 29 Feb 2020 18:24

Tgt Ion:178 Resp: 173474

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	18.9	14.6	21.8

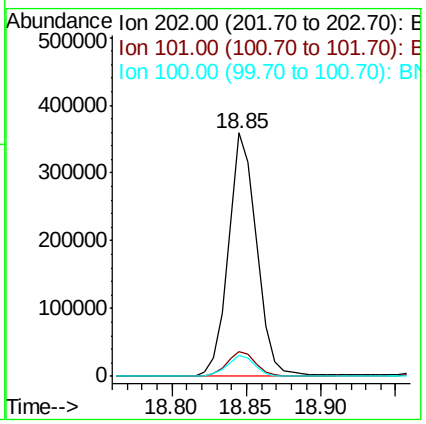




#77
Fluoranthene
Concen: 18.661 ng/ul
RT: 18.85 min Scan# 2696
Delta R.T. -0.01 min
Lab File: BN010030.D
Acq: 29 Feb 2020 18:24

Tgt Ion:202 Resp: 478452

Ion	Ratio	Lower	Upper
202	100		
101	10.2	9.4	14.2
100	8.5	7.2	10.8



Instrument :
BNA_N
ClientSampleId :
DBDN1

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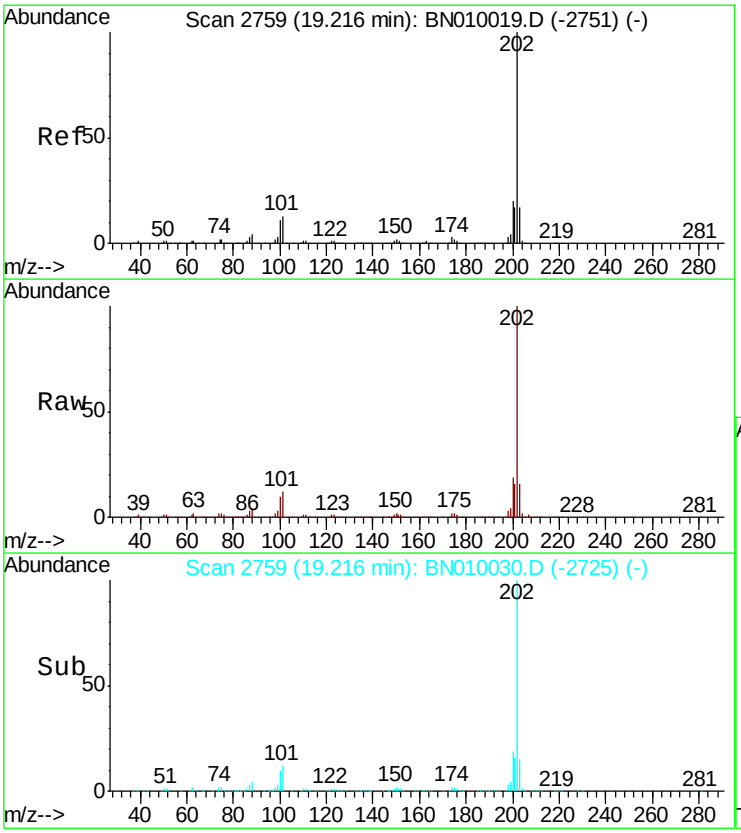
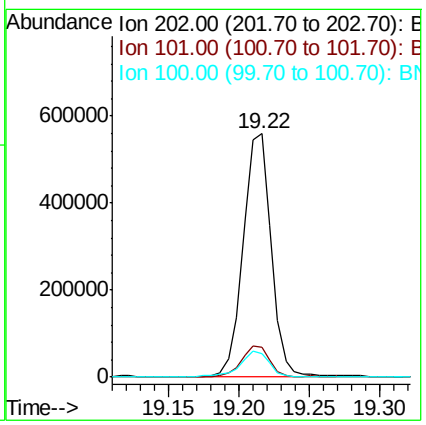
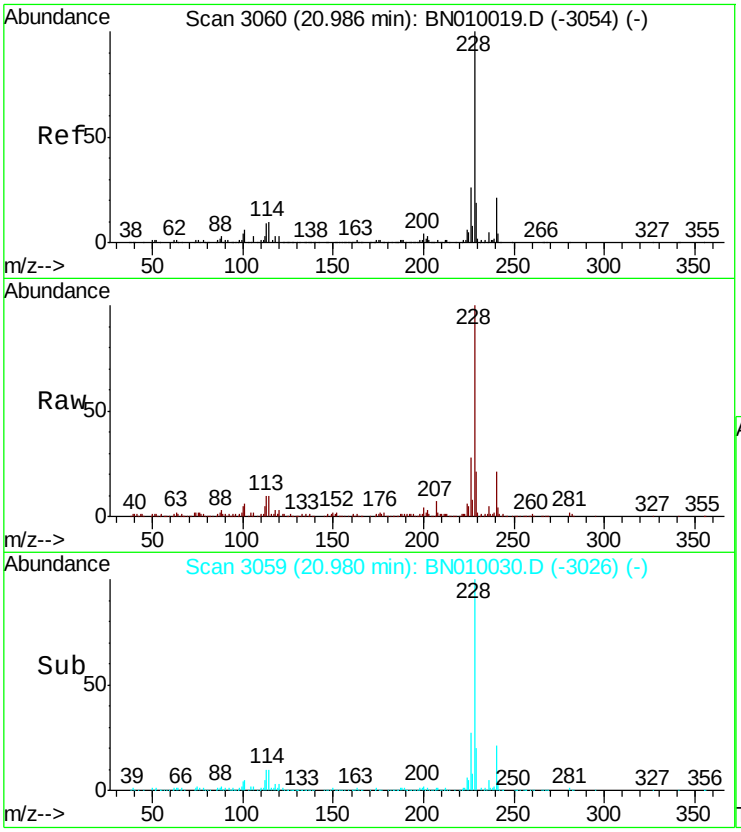


#80
Pyrene
Concen: 31.392 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. 0.00 min
Lab File: BN010030.D
Acq: 29 Feb 2020 18:24

Tgt Ion:202 Resp: 778234

Ion	Ratio	Lower	Upper
202	100		
101	12.1	11.3	16.9
100	9.7	9.0	13.6

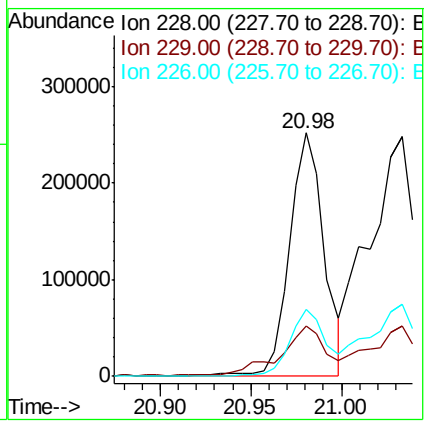




#83
Benzo(a)anthracene
Concen: 14.084 ng/ul
RT: 20.98 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BN010030.D
Acq: 29 Feb 2020 18:24

Tgt Ion:228 Resp: 332806

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.0	22.4
226	27.7	21.4	32.2



Instrument :
BNA_N
ClientSampleId :
DBDN1

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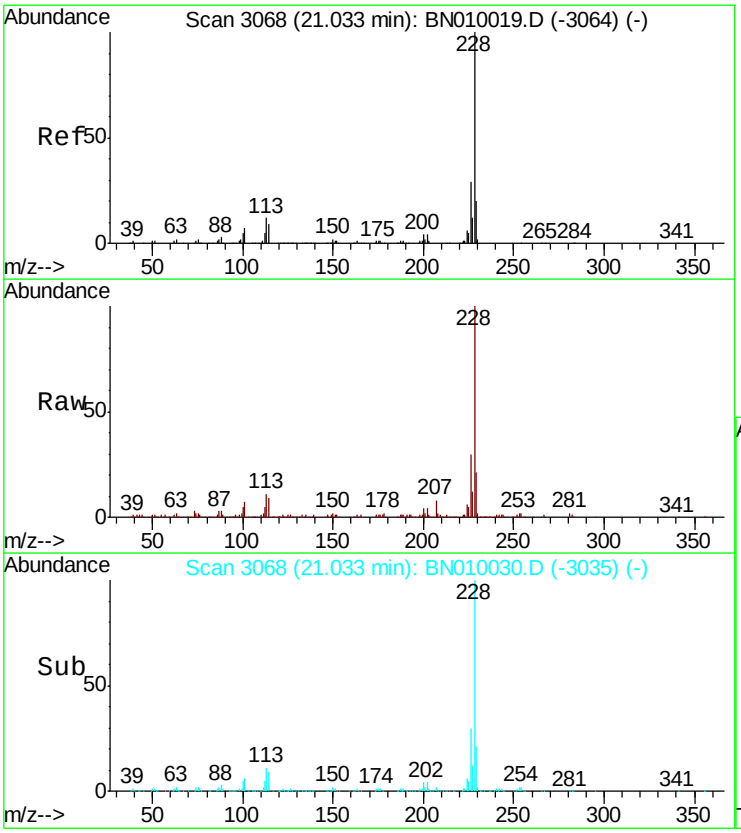
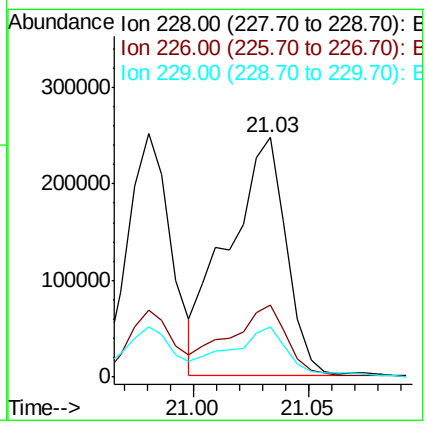
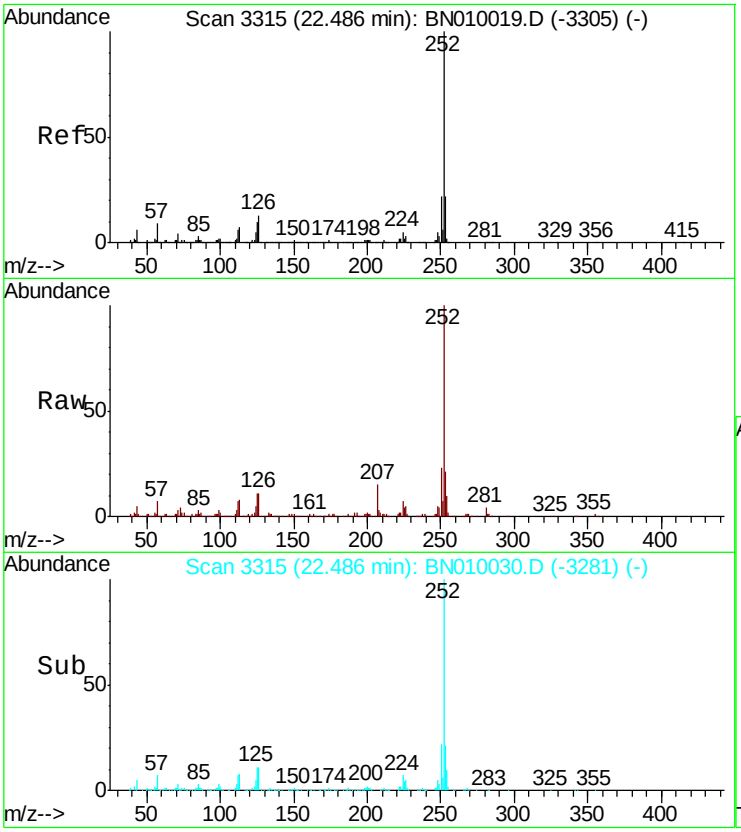


#85
Chrysene
Concen: 18.654 ng/ul
RT: 21.03 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN010030.D
Acq: 29 Feb 2020 18:24

Tgt Ion:228 Resp: 433966

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	21.1	15.0	22.4

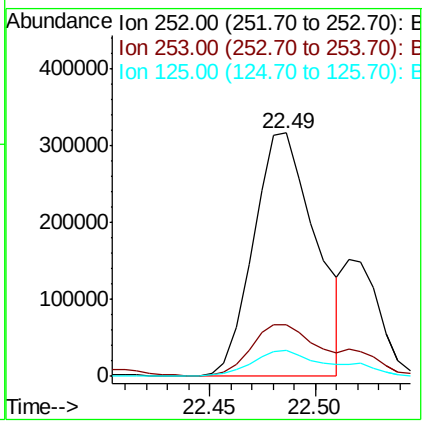




#88
Benzo(b)fluoranthene
Concen: 26.575 ng/ul
RT: 22.49 min Scan# 3315
Delta R.T. 0.00 min
Lab File: BN010030.D
Acq: 29 Feb 2020 18:24

Tgt Ion:252 Resp: 644752

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.4
125	10.7	8.0	12.0



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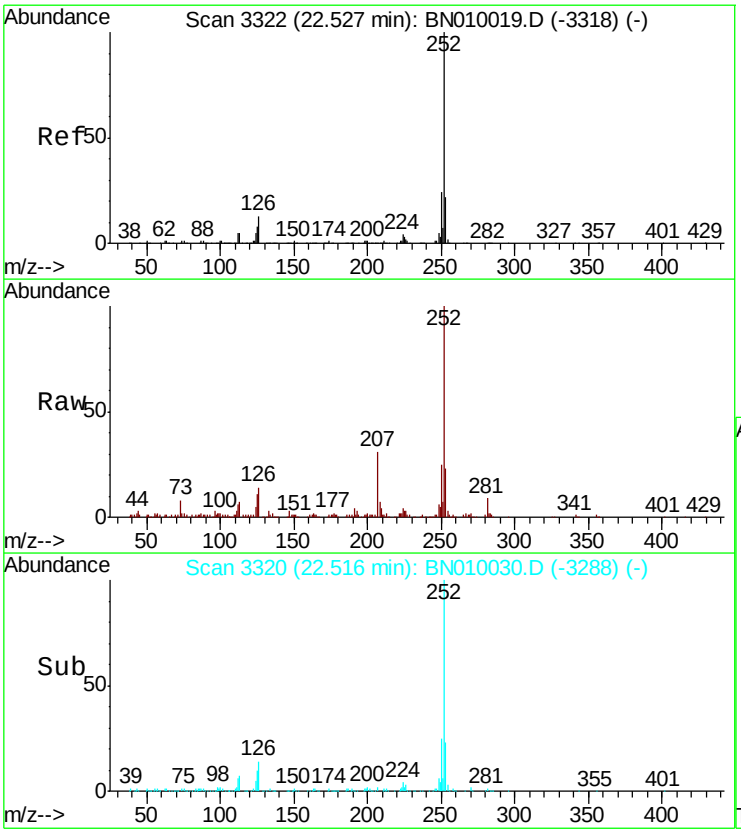
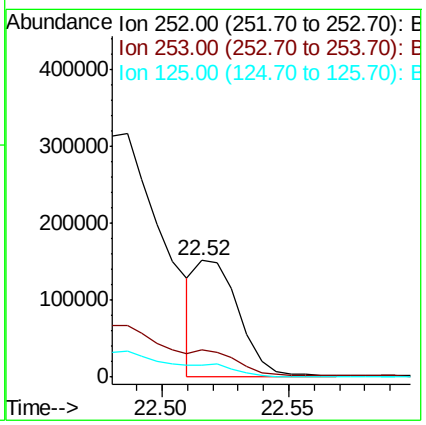
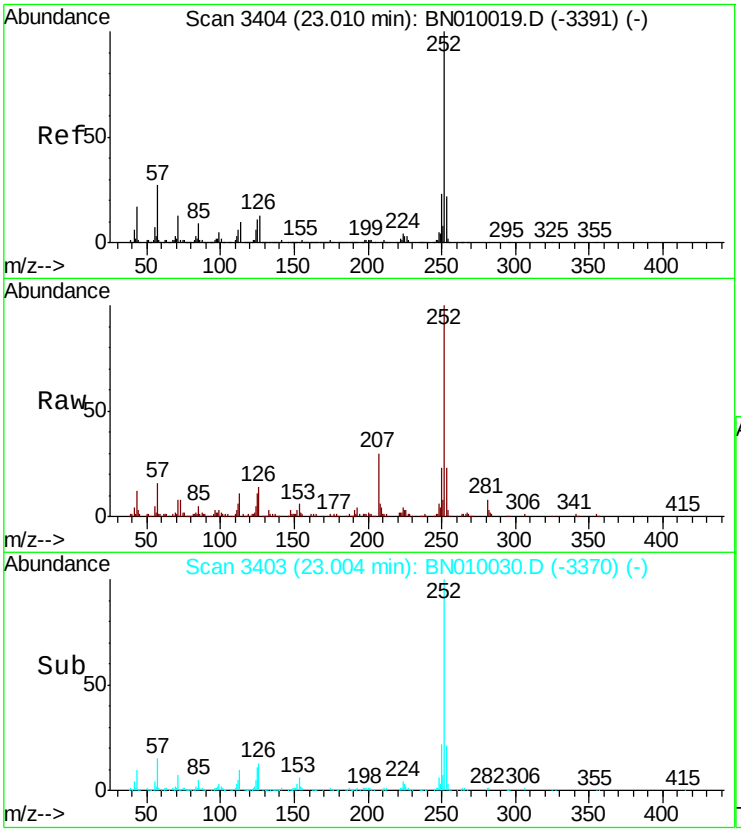


#89
Benzo(k)fluoranthene
Concen: 7.658 ng/ul
RT: 22.52 min Scan# 3320
Delta R.T. -0.01 min
Lab File: BN010030.D
Acq: 29 Feb 2020 18:24

Tgt Ion:252 Resp: 175921

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	10.6	8.2	12.2

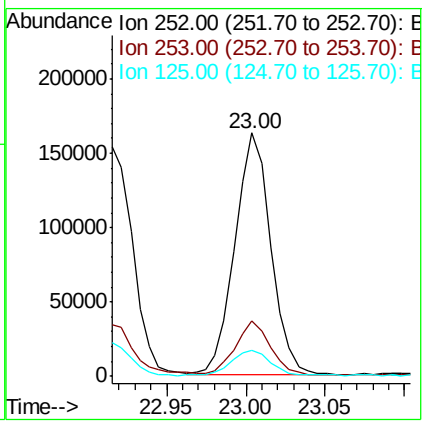




#91
Benzo(a)pyrene
Concen: 11.803 ng/ul
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BN010030.D
Acq: 29 Feb 2020 18:24

Tgt Ion:252 Resp: 257542

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	10.9	9.0	13.6



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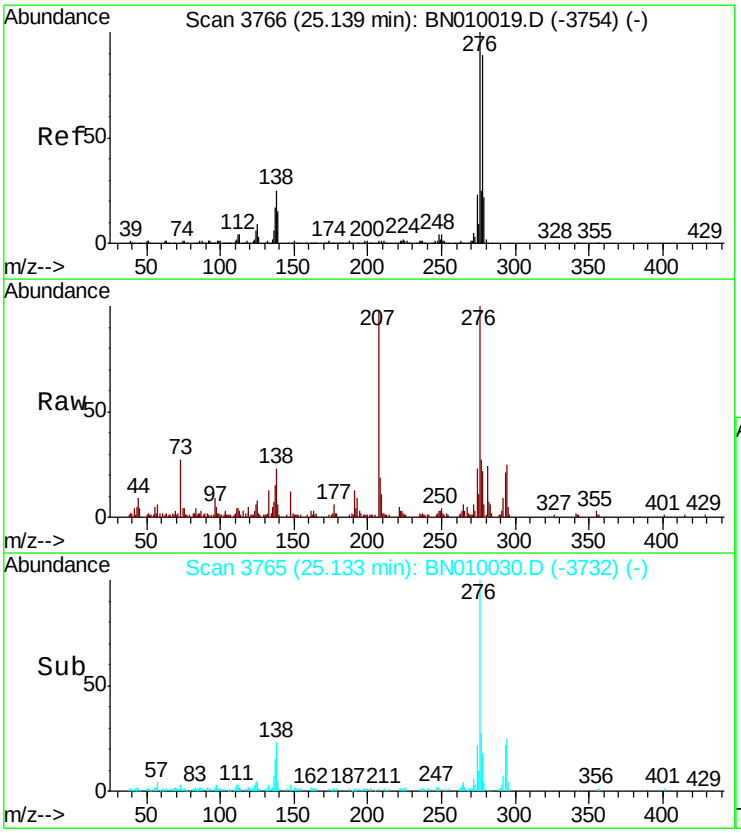
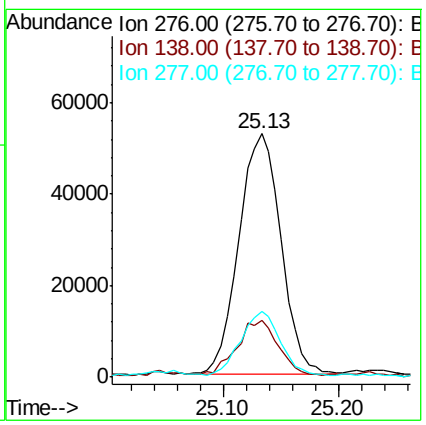
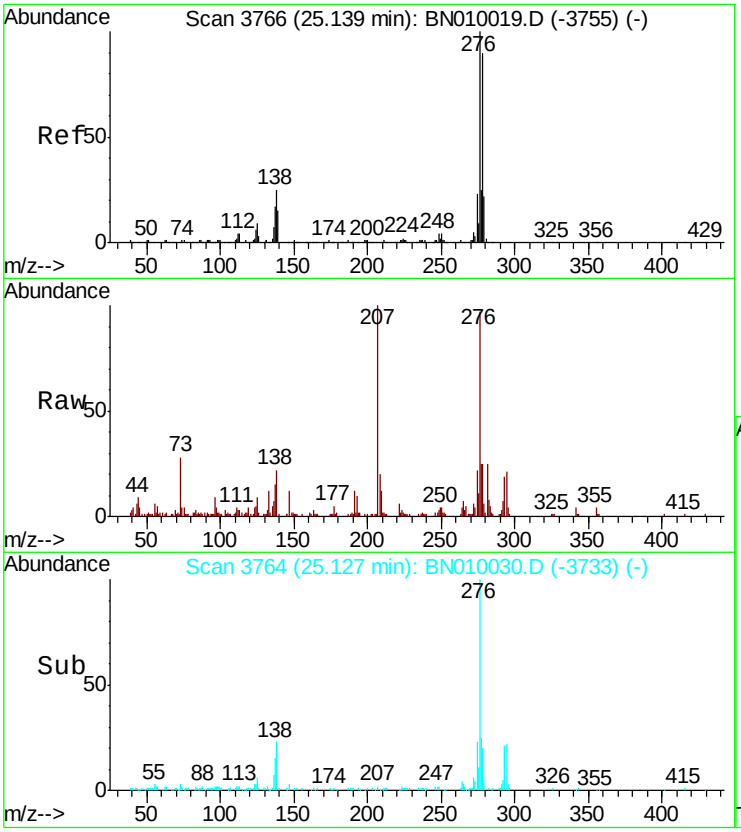


#92
Indeno(1,2,3-cd)pyrene
Concen: 5.146 ng/ul
RT: 25.13 min Scan# 3765
Delta R.T. -0.01 min
Lab File: BN010030.D
Acq: 29 Feb 2020 18:24

Tgt Ion:276 Resp: 133326

Ion	Ratio	Lower	Upper
276	100		
138	23.2	20.9	31.3
277	27.2	18.2	27.4

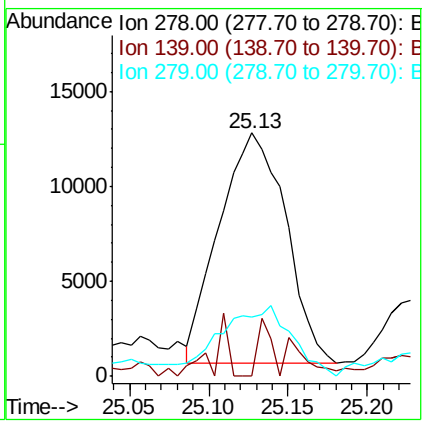




#93
Dibenzo(a,h)anthracene
Concen: 1.591 ng/ul
RT: 25.13 min Scan# 3764
Delta R.T. -0.02 min
Lab File: BN010030.D
Acq: 29 Feb 2020 18:24

Tgt Ion:278 Resp: 35271

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.0	19.4#
279	24.5	17.5	26.3



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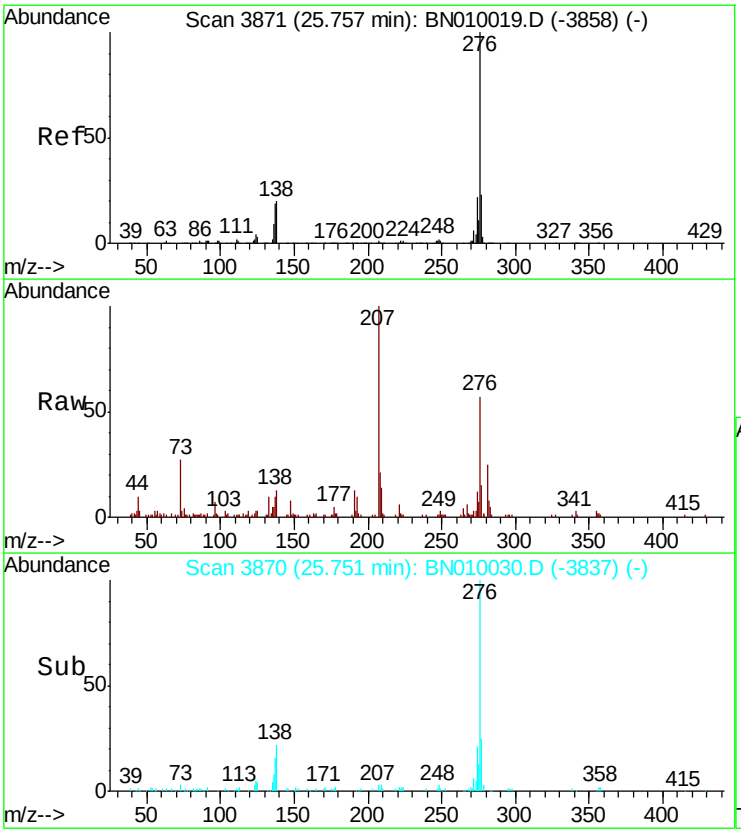
3/3/2020 5:00:27 PM



#94
Benzo(g,h,i)perylene
Concen: 3.672 ng/ul
RT: 25.75 min Scan# 3870
Delta R.T. -0.01 min
Lab File: BN010030.D
Acq: 29 Feb 2020 18:24

Tgt Ion:276 Resp: 79757

Ion	Ratio	Lower	Upper
276	100		
138	22.4	17.5	26.3
277	25.8	18.1	27.1