Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010527.D
Acq On : 16 Apr 2020 21:34
Operator : CG/JU
Sample : L2191-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7A0

Manual Integrations APPROVED
mohammad
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Quant Time: Apr 17 03:33:41 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	7.60	152	454141	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2031461	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	1322593	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	2974059	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	2971209	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2647622	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	64896	7.48	ng/uL	0.00
5) Phenol-d5	6.79	99	1442767	40.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	767775	42.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	1241614	40.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	1259476	41.66	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	644167	41.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	708915	40.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	1329773	38.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	1360045	34.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	4126540	42.05	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	5052439	41.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	714620	37.40	ng/ul	0.00
58) Fluorene-d10	15.22	176	3703637	42.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	579632	37.31	ng/ul	0.00
71) Anthracene-d10	17.07	188	5786645	42.01	ng/ul	0.00
79) Pyrene-d10	19.37	212	6689064	39.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	6054917	44.09	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.69	163	511810	5.024	ng/ul	99
70) Phenanthrene	17.01	178	916498	5.549	ng/ul	98
72) Anthracene	17.10	178	176813	1.056	ng/ul	98
77) Fluoranthene	19.03	202	1590736	8.865	ng/ul	97
80) Pyrene	19.40	202	1305716	6.082	ng/ul	96
83) Benzo(a)anthracene	21.16	228	724761	3.516	ng/ul	98
85) Chrysene	21.21	228	668070	3.447	ng/ul	99
88) Benzo(b)fluoranthene	22.70	252	850604	4.923	ng/ul#	94
89) Benzo(k)fluoranthene	22.74	252	224469m	1.310	ng/ul	
91) Benzo(a)pyrene	23.25	252	504545	3.287	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.49	276	305405	1.768	ng/ul	93
94) Benzo(g,h,i)perylene	26.13	276	211208	1.477	ng/ul	92

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

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Manual Integrations APPROVED
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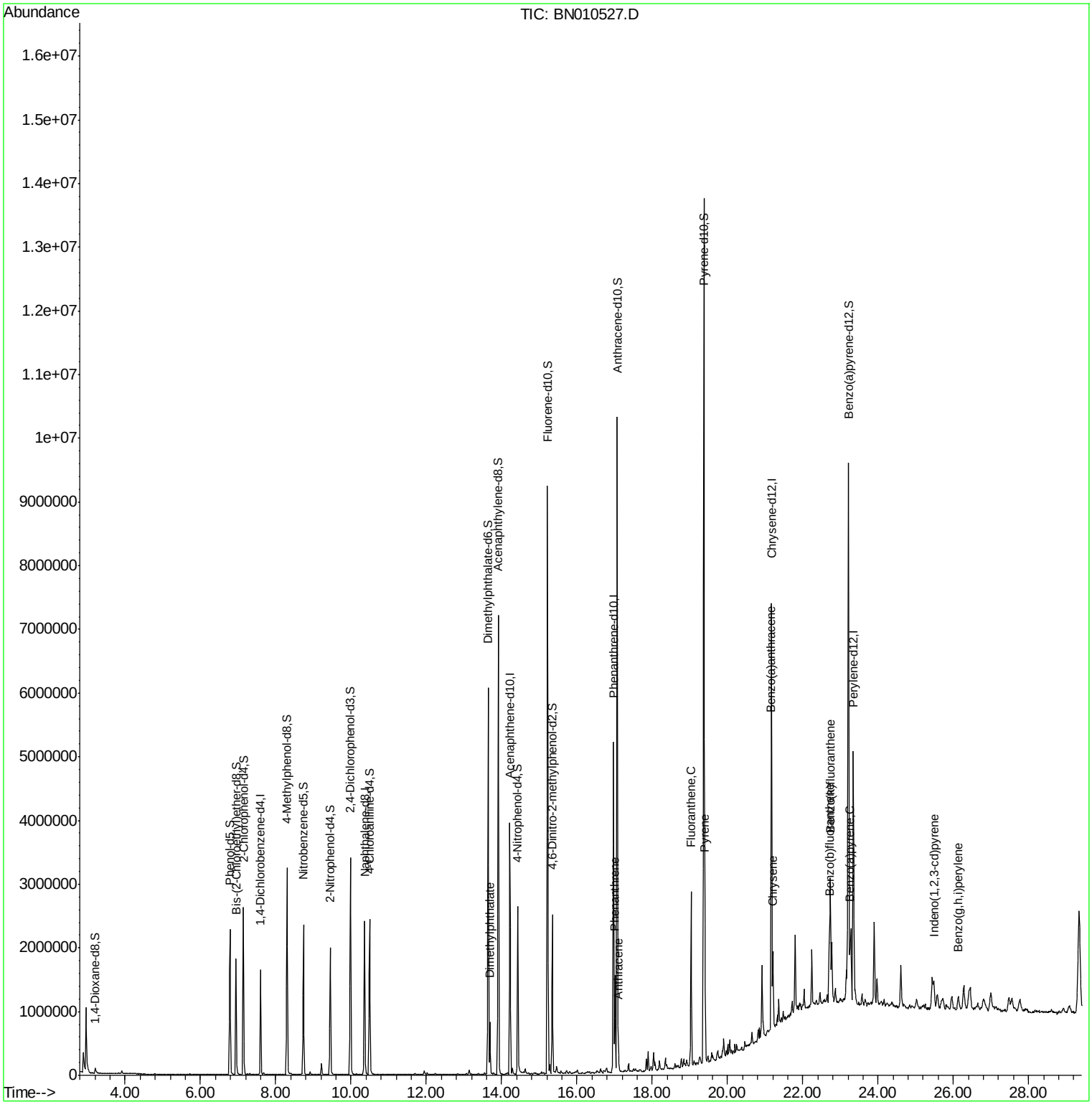
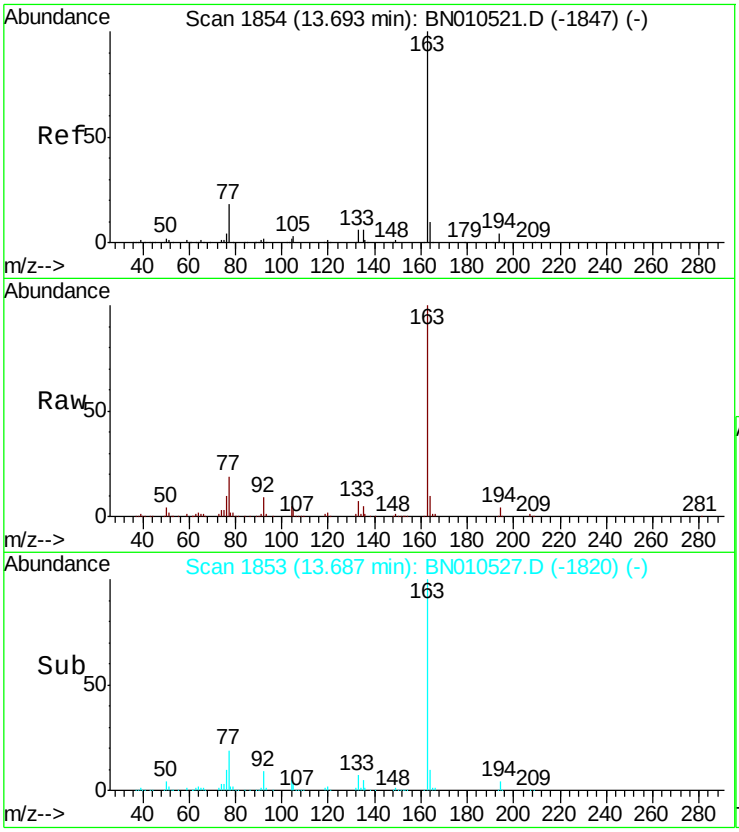
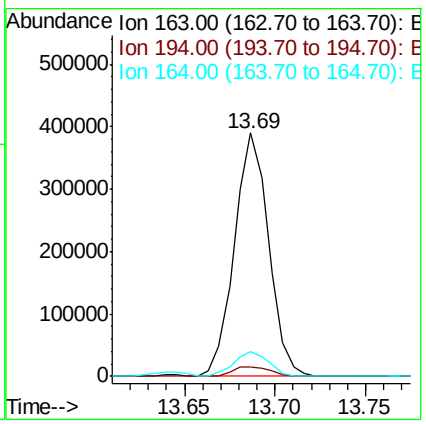




#45
Dimethylphthalate
Concen: 5.024 ng/ul
RT: 13.69 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BN010527.D
Acq: 16 Apr 2020 21:34

Tgt Ion:163 Resp: 511810

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.3	8.0	12.0



Instrument :
BNA_N
ClientSampleId :
CB7A0

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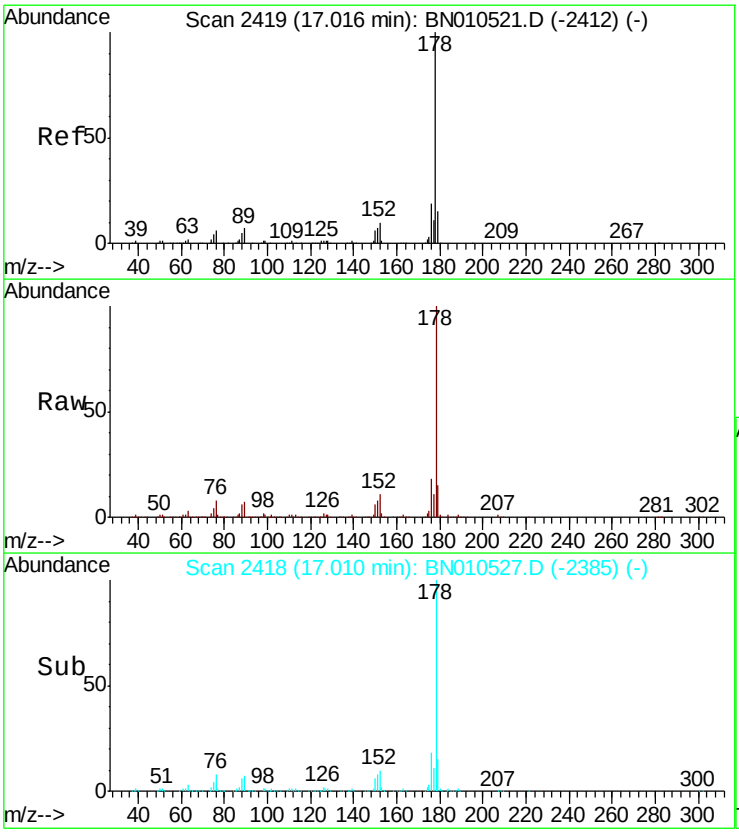
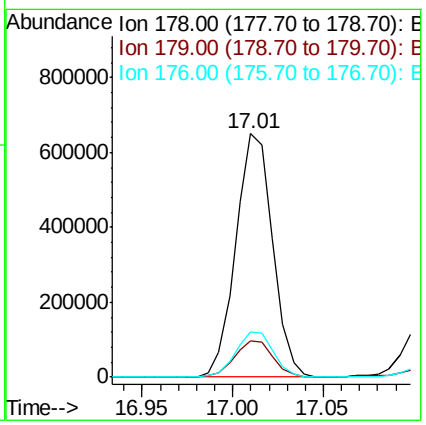
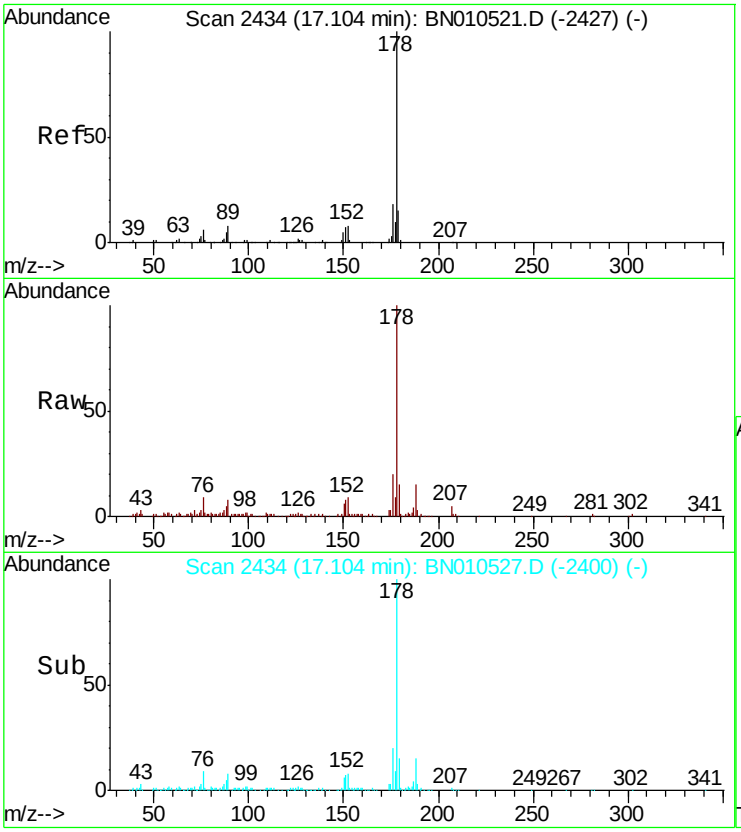


#70
Phenanthrene
Concen: 5.549 ng/ul
RT: 17.01 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BN010527.D
Acq: 16 Apr 2020 21:34

Tgt Ion:178 Resp: 916498

Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.4	17.2
176	18.3	15.3	22.9

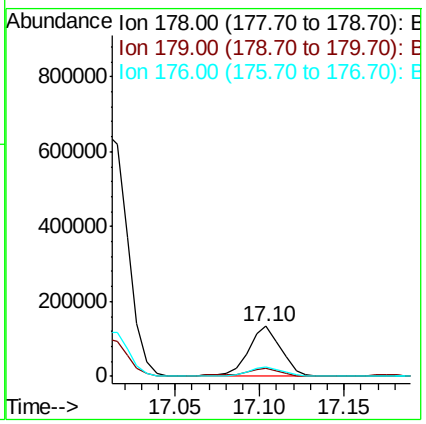




#72
Anthracene
Concen: 1.056 ng/ul
RT: 17.10 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BN010527.D
Acq: 16 Apr 2020 21:34

Tgt Ion:178 Resp: 176813

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.7	14.2	21.4



Instrument :
BNA_N
ClientSampleId :
CB7A0

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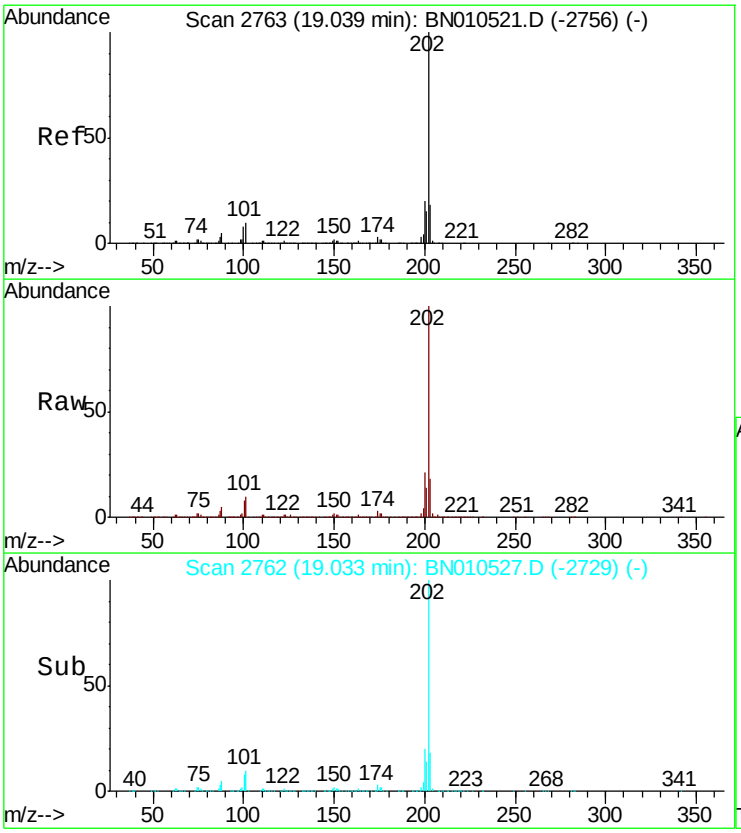
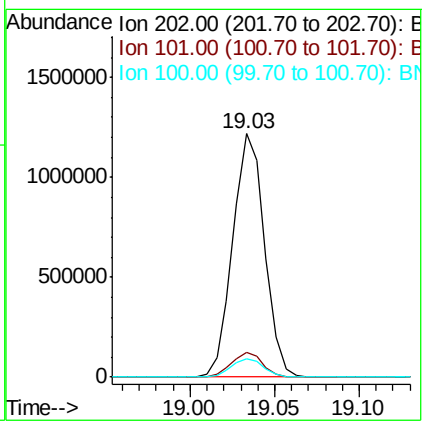
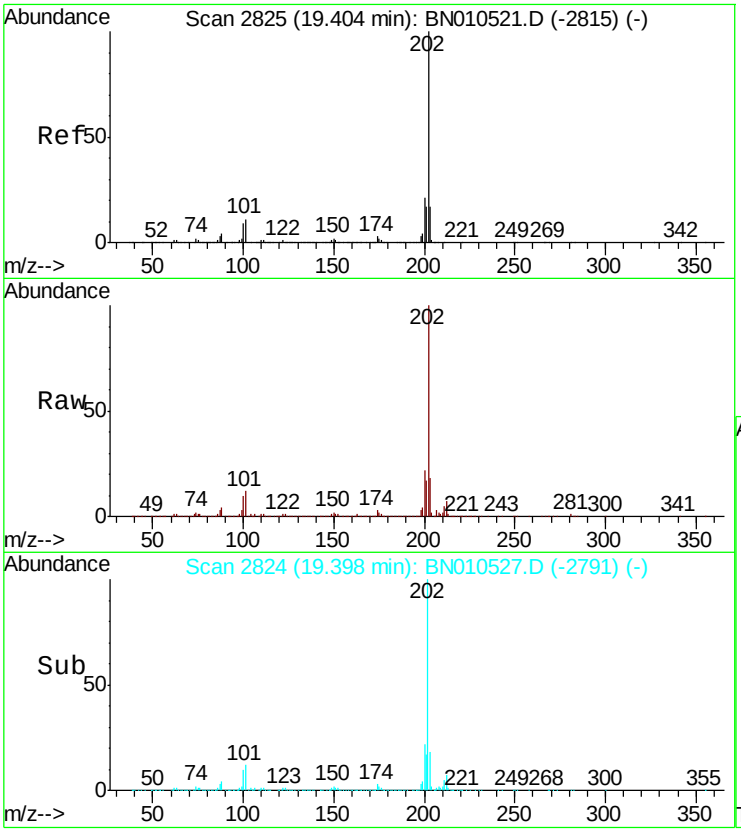


#77
Fluoranthene
Concen: 8.865 ng/ul
RT: 19.03 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BN010527.D
Acq: 16 Apr 2020 21:34

Tgt Ion:202 Resp: 1590736

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.1	10.7
100	7.6	5.5	8.3

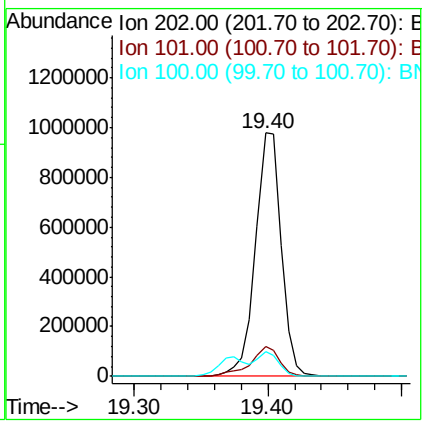




#80
Pyrene
Concen: 6.082 ng/ul
RT: 19.40 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BN010527.D
Acq: 16 Apr 2020 21:34

Tgt Ion:202 Resp: 1305716

Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.6	13.0
100	10.4	7.0	10.6



Instrument :
BNA_N
ClientSampleId :
CB7A0

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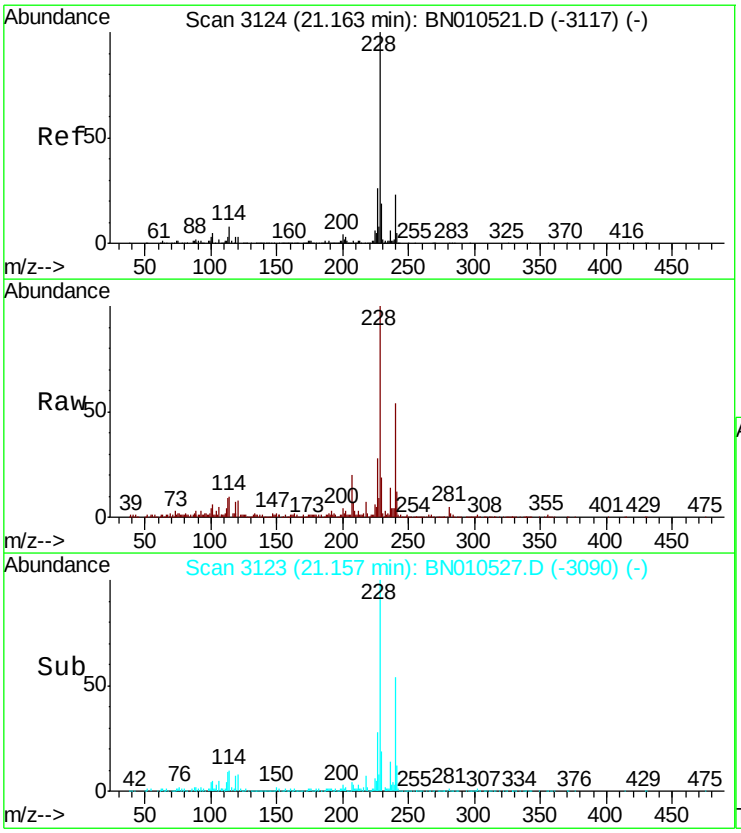
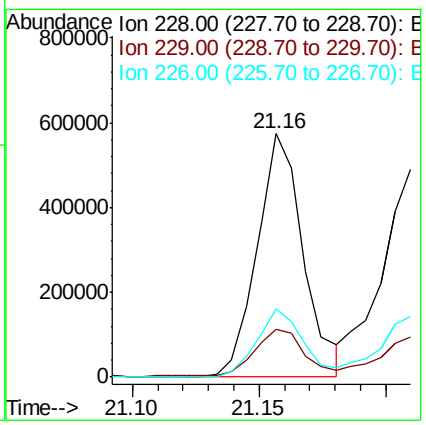
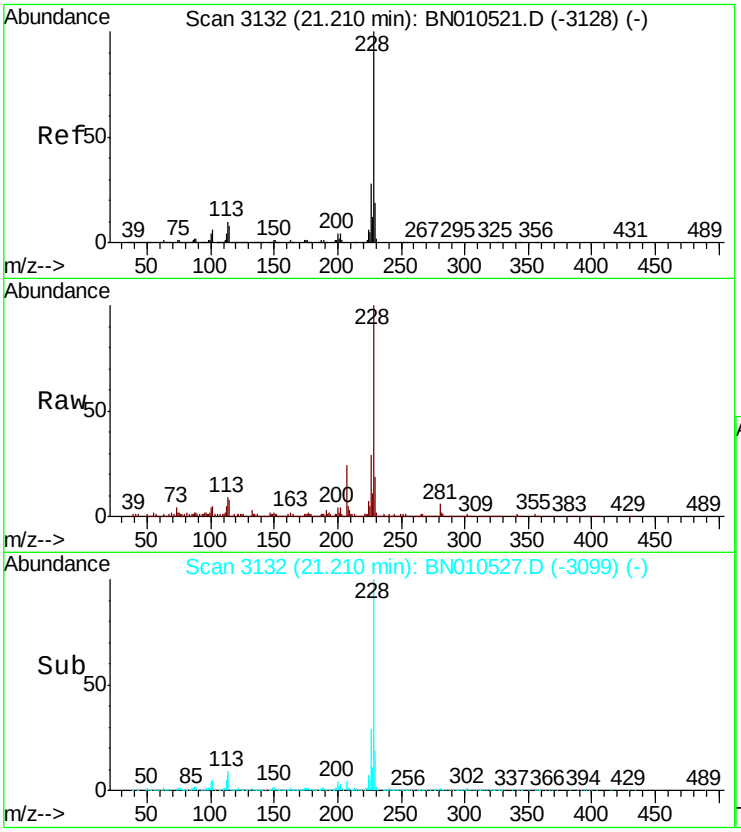


#83
Benzo(a)anthracene
Concen: 3.516 ng/ul
RT: 21.16 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BN010527.D
Acq: 16 Apr 2020 21:34

Tgt Ion:228 Resp: 724761

Ion	Ratio	Lower	Upper
228	100		
229	19.5	16.0	24.0
226	27.8	21.4	32.2

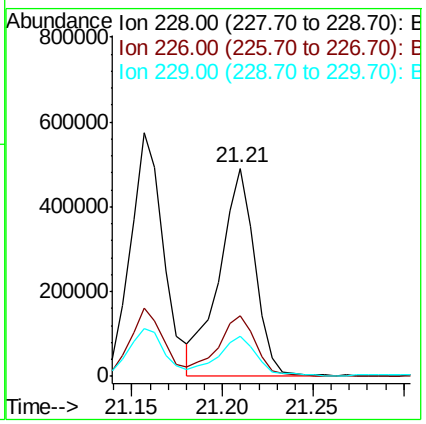




#85
Chrysene
Concen: 3.447 ng/ul
RT: 21.21 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BN010527.D
Acq: 16 Apr 2020 21:34

Tgt Ion:228 Resp: 668070

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.6
229	19.1	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
CB7A0

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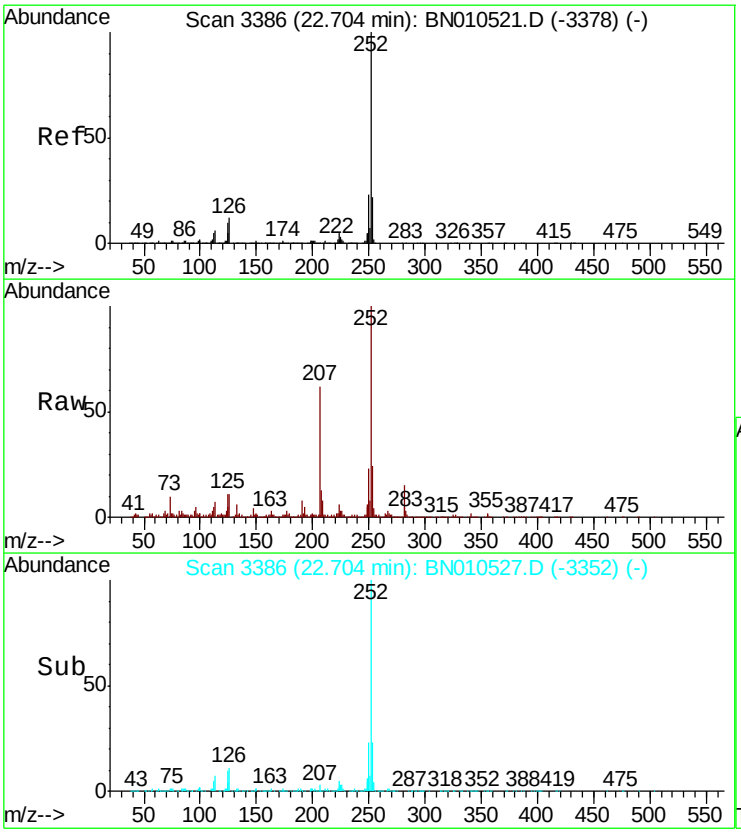
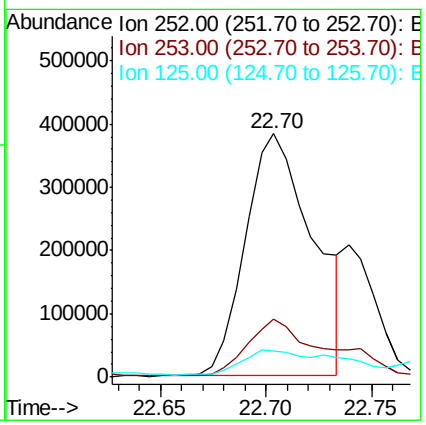
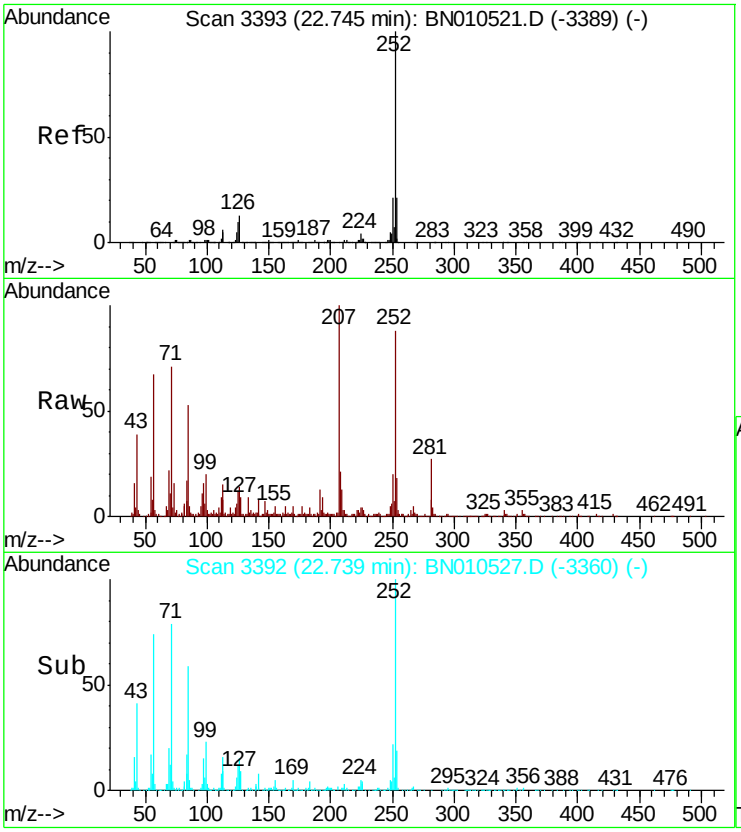


#88
Benzo(b)fluoranthene
Concen: 4.923 ng/ul
RT: 22.70 min Scan# 3386
Delta R.T. -0.00 min
Lab File: BN010527.D
Acq: 16 Apr 2020 21:34

Tgt Ion:252 Resp: 850604

Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.7	25.1
125	10.9	7.2	10.8#





#89
Benzo(k)fluoranthene
Concen: 1.310 ng/ul m
RT: 22.74 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BN010527.D
Acq: 16 Apr 2020 21:34

Tgt Ion:252 Resp: 224469

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.4	26.2
125	14.0	6.9	10.3#

Instrument :
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ClientSampleId :
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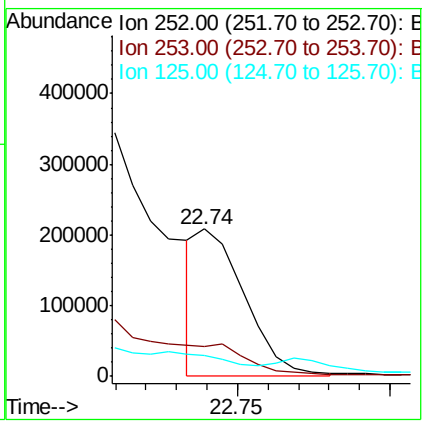
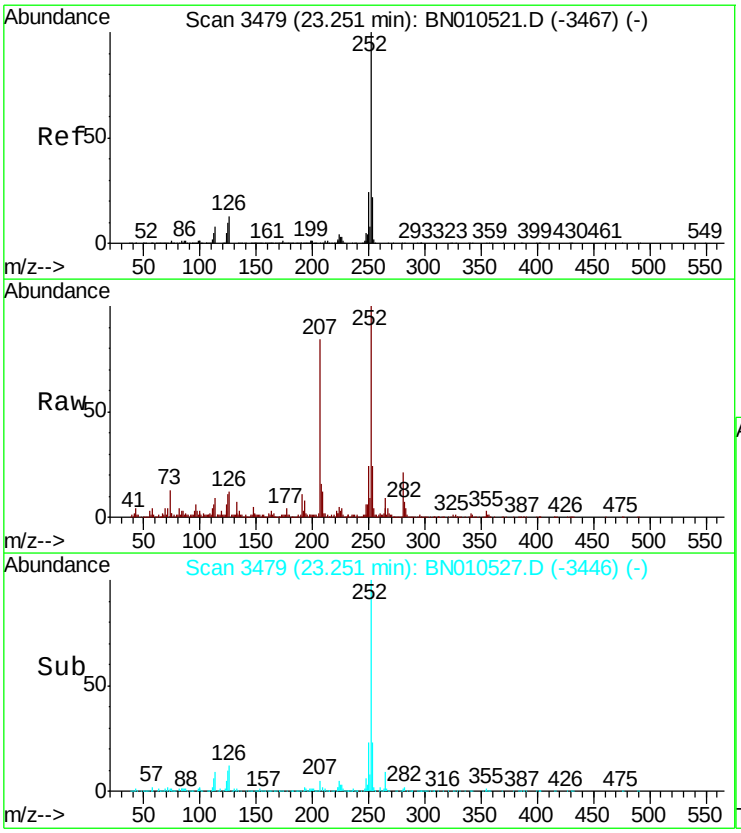
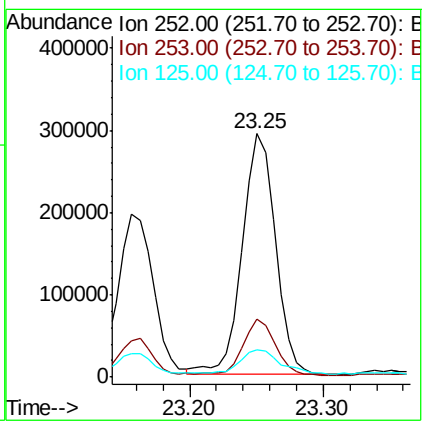


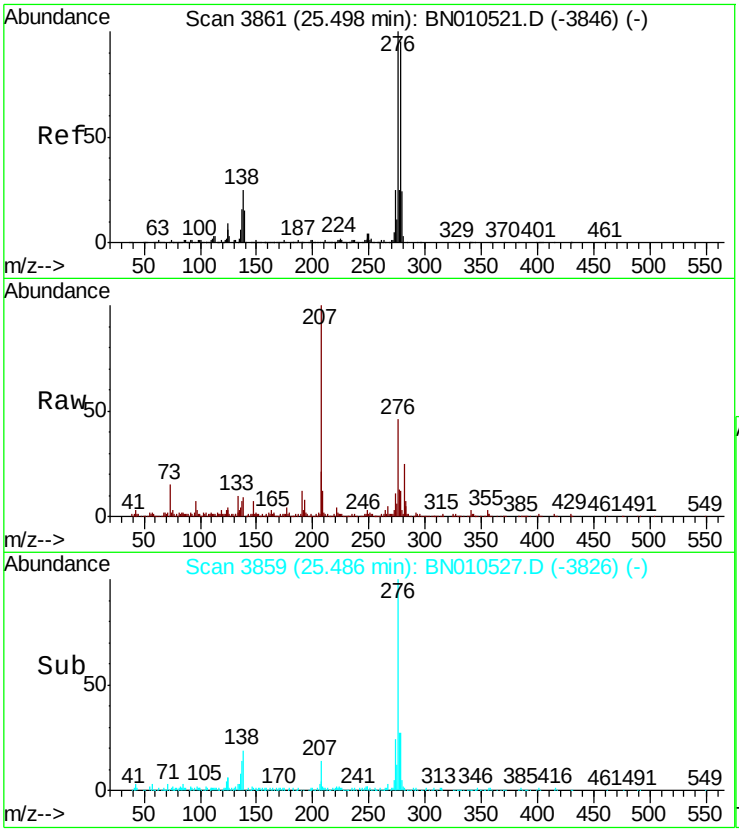


#91
Benzo(a)pyrene
Concen: 3.287 ng/ul
RT: 23.25 min Scan# 3479
Delta R.T. -0.01 min
Lab File: BN010527.D
Acq: 16 Apr 2020 21:34

Tgt Ion:252 Resp: 504545

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	11.2	7.8	11.6

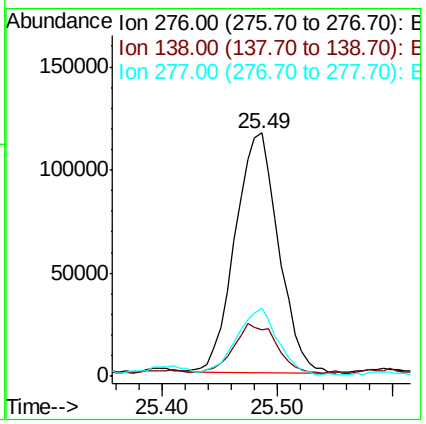




#92
Indeno(1,2,3-cd)pyrene
Concen: 1.768 ng/ul
RT: 25.49 min Scan# 3859
Delta R.T. -0.01 min
Lab File: BN010527.D
Acq: 16 Apr 2020 21:34

Tgt Ion:276 Resp: 305405

Ion	Ratio	Lower	Upper
276	100		
138	19.2	18.3	27.5
277	27.9	19.8	29.8



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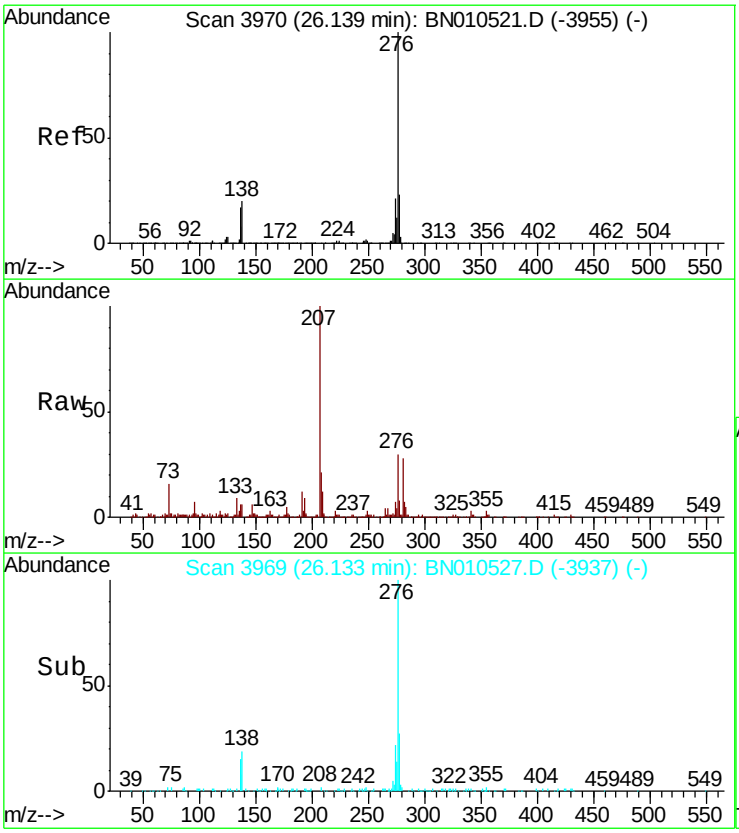

#94
Benzo(g,h,i)perylene
Concen: 1.477 ng/ul
RT: 26.13 min Scan# 3969
Delta R.T. -0.01 min
Lab File: BN010527.D
Acq: 16 Apr 2020 21:34

Tgt Ion:276 Resp: 211208

Ion	Ratio	Lower	Upper
276	100		
138	21.6	14.7	22.1
277	27.3	18.4	27.6