Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009616.D
Acq On : 06 Feb 2020 19:11
Operator : CG/JU
Sample : L1323-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 06 22:59:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : GAT42

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	152963	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.18	136	641078	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.07	164	391258	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.83	188	782852	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	664061	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	762211	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	9205	2.47	ng/uL	0.00
5) Phenol-d5	6.63	99	192238	14.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	140219	15.65	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	152147	15.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	107802	10.15	ng/ul	-0.01
19) Nitrobenzene-d5	8.58	128	74991	15.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	83498	15.69	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.82	165	150288	15.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	82762	7.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	503456	17.63	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	594295	17.22	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.31	143	72175	13.38	ng/ul	0.00
57) Fluorene-d10	15.07	176	437967	17.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	68903	14.09	ng/ul	0.00
70) Anthracene-d10	16.93	188	643638	18.09	ng/ul	0.00
78) Pyrene-d10	19.24	212	699814	20.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	671819	17.90	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.26	105	18552	1.091	ng/ul	95
44) Dimethylphthalate	13.55	163	89219	2.943	ng/ul	99
47) Acenaphthylene	13.79	152	1187833	31.452	ng/ul	99
58) Fluorene	15.15	166	98280	3.289	ng/ul#	37
64) N-Nitrosodiphenylamine	15.35	169	41556	1.776	ng/ul#	76
69) Phenanthrene	16.87	178	396108	8.872	ng/ul	98
71) Anthracene	16.96	178	638724	14.100	ng/ul	98
76) Fluoranthene	18.90	202	4308454	84.555	ng/ul	98
79) Pyrene	19.27	202	8388561	173.044	ng/ul	96
82) Benzo(a)anthracene	21.03	228	3466501	75.605	ng/ul#	78
84) Chrysene	21.09	228	3207568	70.272	ng/ul	94
87) Benzo(b)fluoranthene	22.55	252	2114426	44.339	ng/ul	98
88) Benzo(k)fluoranthene	22.57	252	806622m	17.175	ng/ul	
90) Benzo(a)pyrene	23.07	252	2164932	48.999	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.23	276	917566	17.468	ng/ul	95
92) Dibenzo(a,h)anthracene	25.23	278	349738	7.910	ng/ul#	95
93) Benzo(g,h,i)perylene	25.85	276	769513	17.479	ng/ul	96

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

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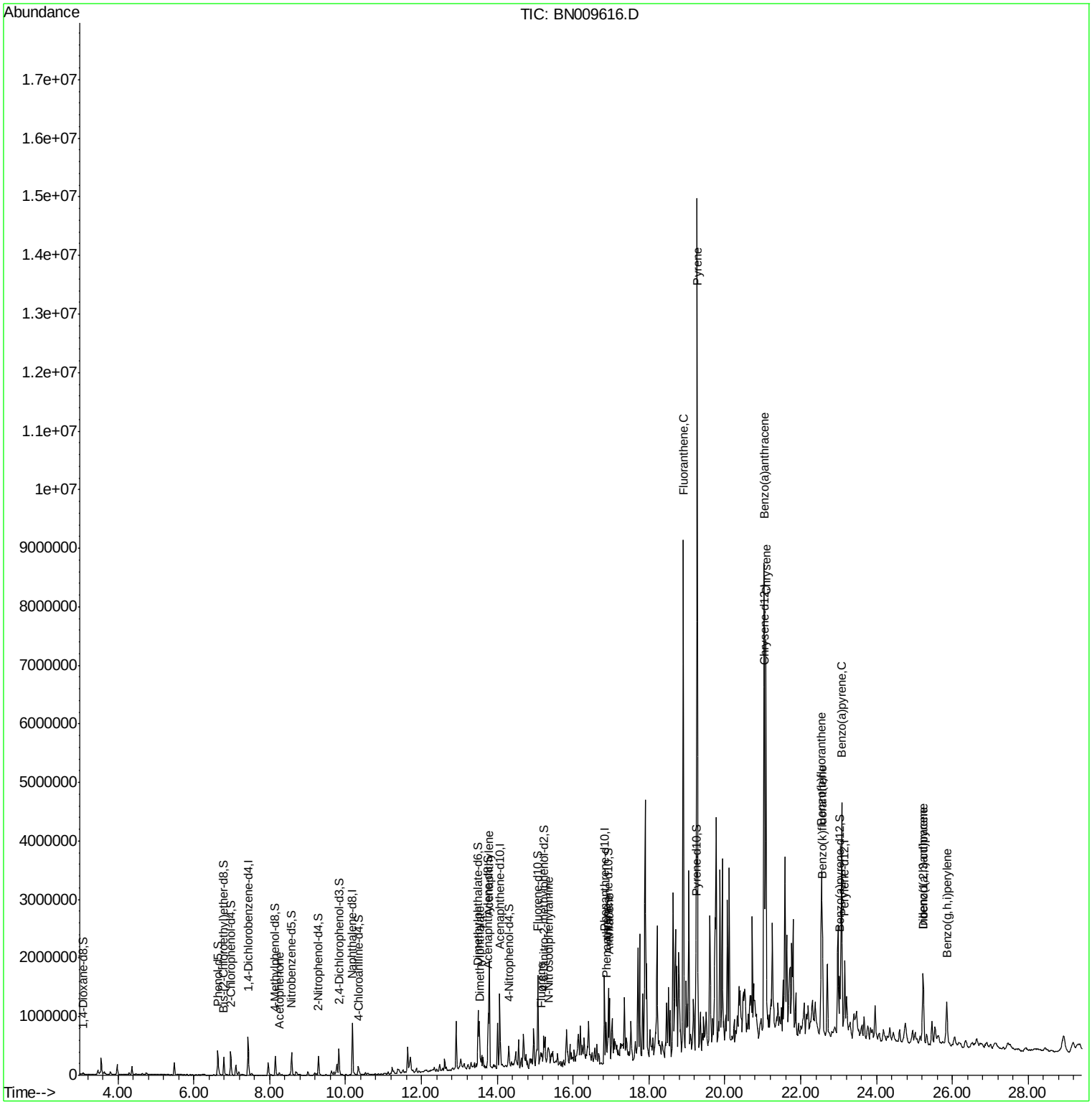
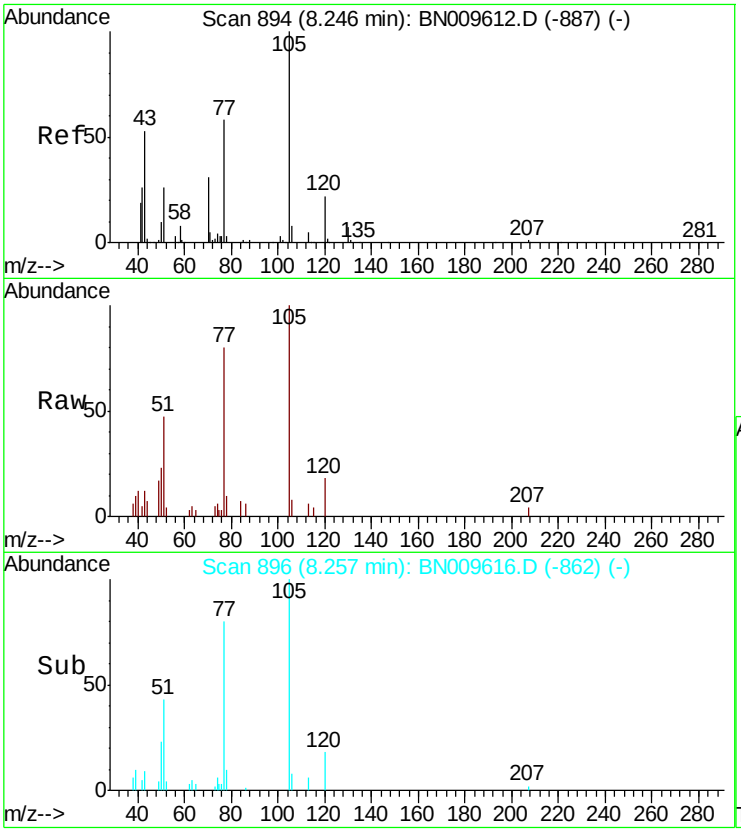
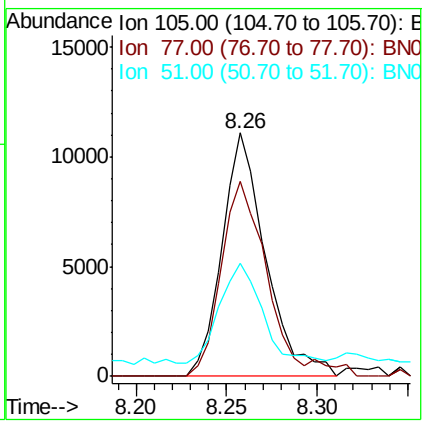




#14
Acetophenone
Concen: 1.091 ng/ul
RT: 8.26 min Scan# 896
Delta R.T. -0.00 min
Lab File: BN009616.D
Acq: 06 Feb 2020 19:11

Tgt Ion:105 Resp: 18552

Ion	Ratio	Lower	Upper
105	100		
77	80.3	67.7	101.5
51	46.6	34.3	51.5



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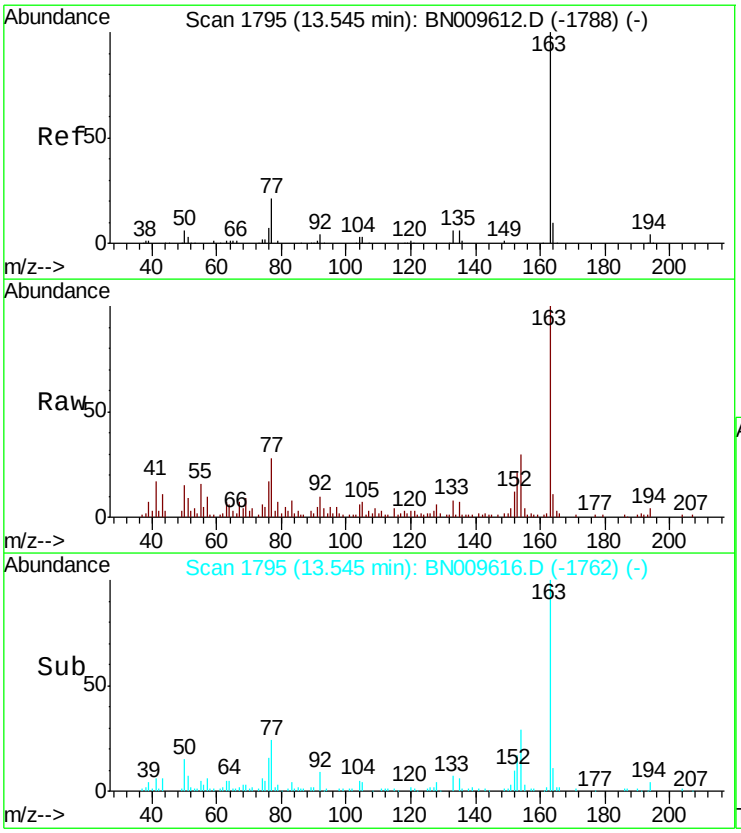
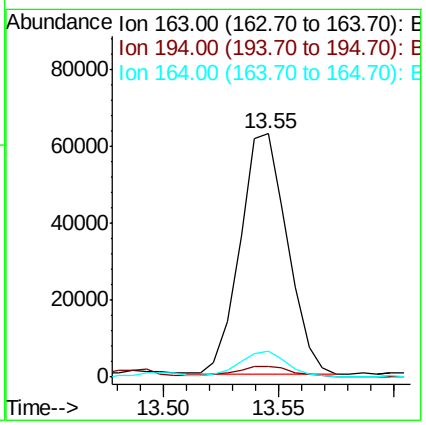
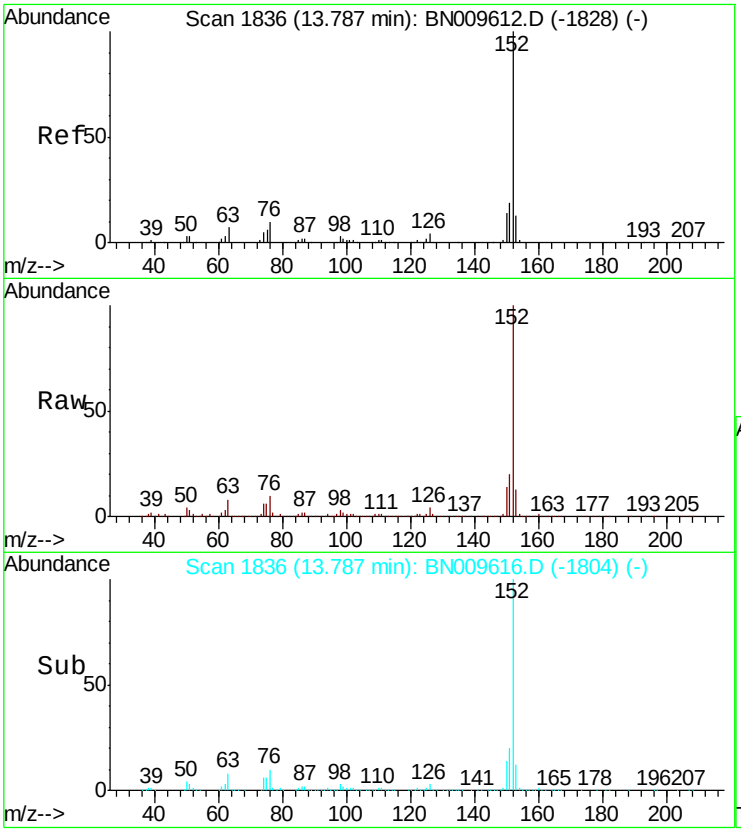


#44
Dimethylphthalate
Concen: 2.943 ng/ul
RT: 13.55 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BN009616.D
Acq: 06 Feb 2020 19:11

Tgt Ion:163 Resp: 89219

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.7	8.0	12.0

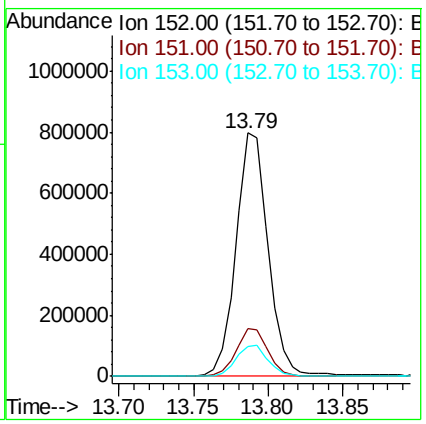




#47
Acenaphthylene
Concen: 31.452 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BN009616.D
Acq: 06 Feb 2020 19:11

Tgt Ion:152 Resp: 1187833

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	12.5	10.6	15.8



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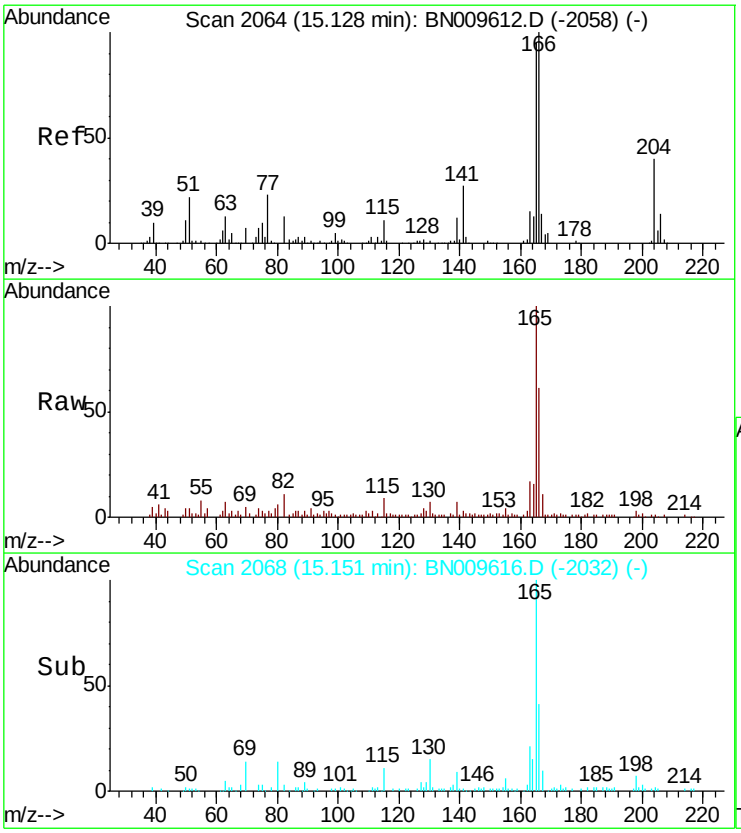
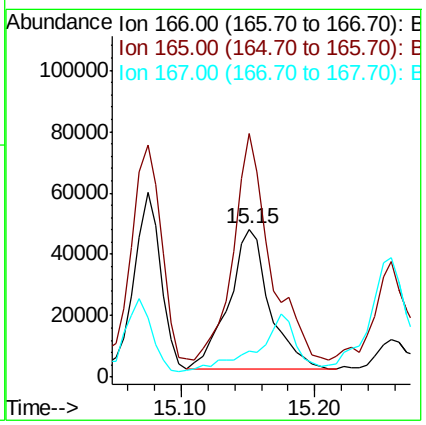
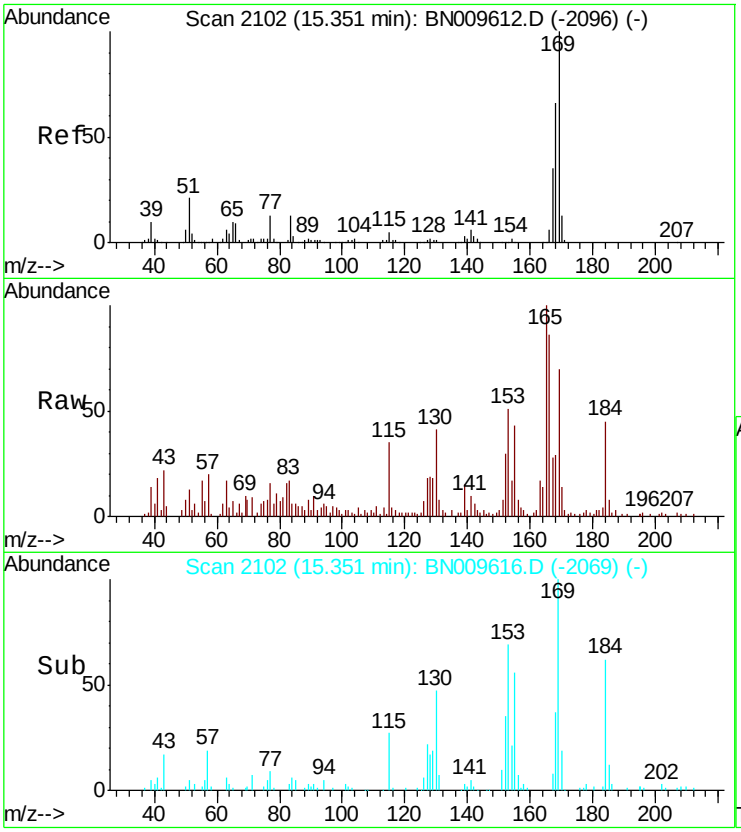


#58
Fluorene
Concen: 3.289 ng/ul
RT: 15.15 min Scan# 2068
Delta R.T. 0.01 min
Lab File: BN009616.D
Acq: 06 Feb 2020 19:11

Tgt Ion:166 Resp: 98280

Ion	Ratio	Lower	Upper
166	100		
165	164.5	76.7	115.1#
167	17.7	11.1	16.7#

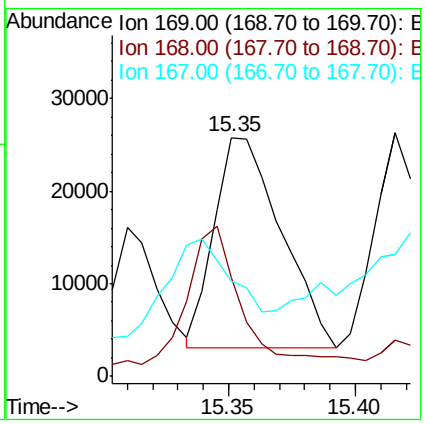




#64
N-Nitrosodiphenylamine
Concen: 1.776 ng/ul
RT: 15.35 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BN009616.D
Acq: 06 Feb 2020 19:11

Tgt Ion:169 Resp: 41556

Ion	Ratio	Lower	Upper
169	100		
168	41.5	53.8	80.8#
167	39.8	27.5	41.3



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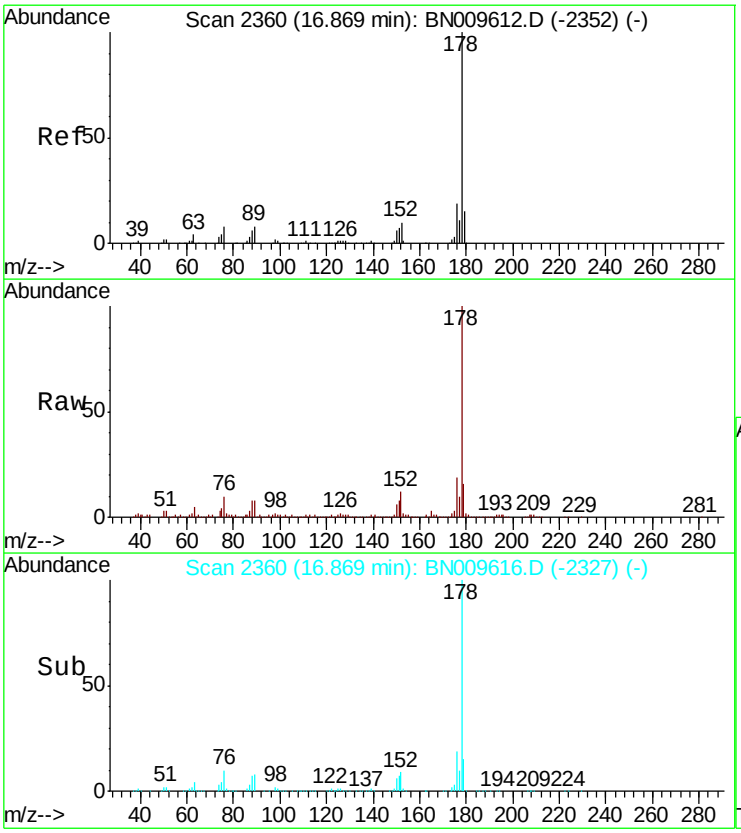
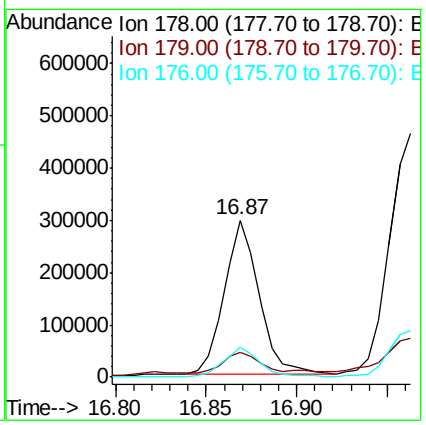
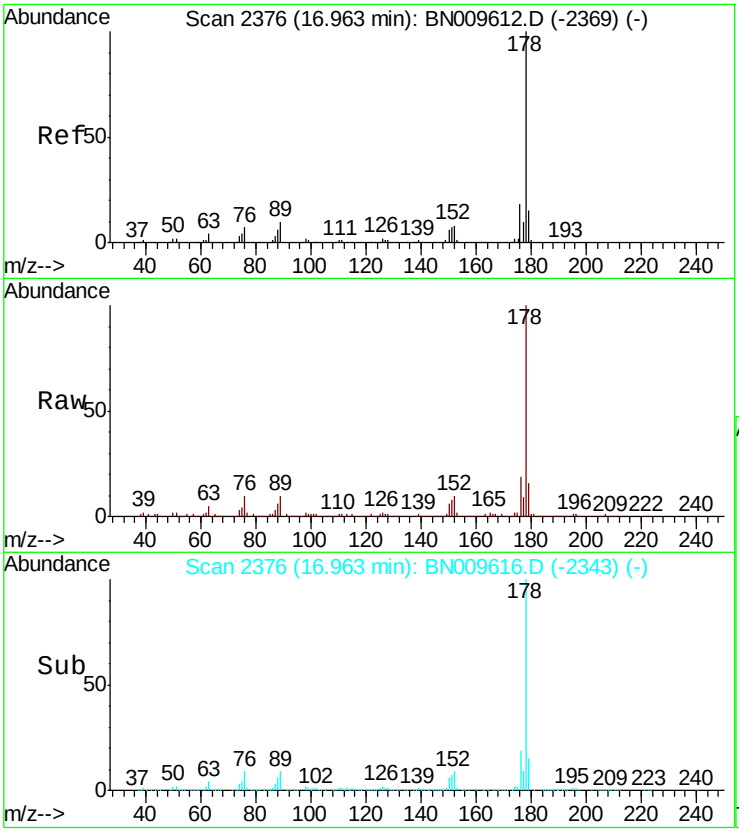


#69
Phenanthrene
Concen: 8.872 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. -0.01 min
Lab File: BN009616.D
Acq: 06 Feb 2020 19:11

Tgt Ion:178 Resp: 396108

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.2	18.2
176	19.0	14.8	22.2

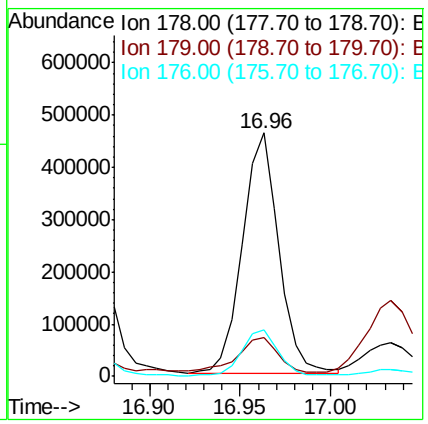




#71
Anthracene
Concen: 14.100 ng/ul
RT: 16.96 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BN009616.D
Acq: 06 Feb 2020 19:11

Tgt Ion:178 Resp: 638724

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.1	18.1
176	18.9	14.6	21.8



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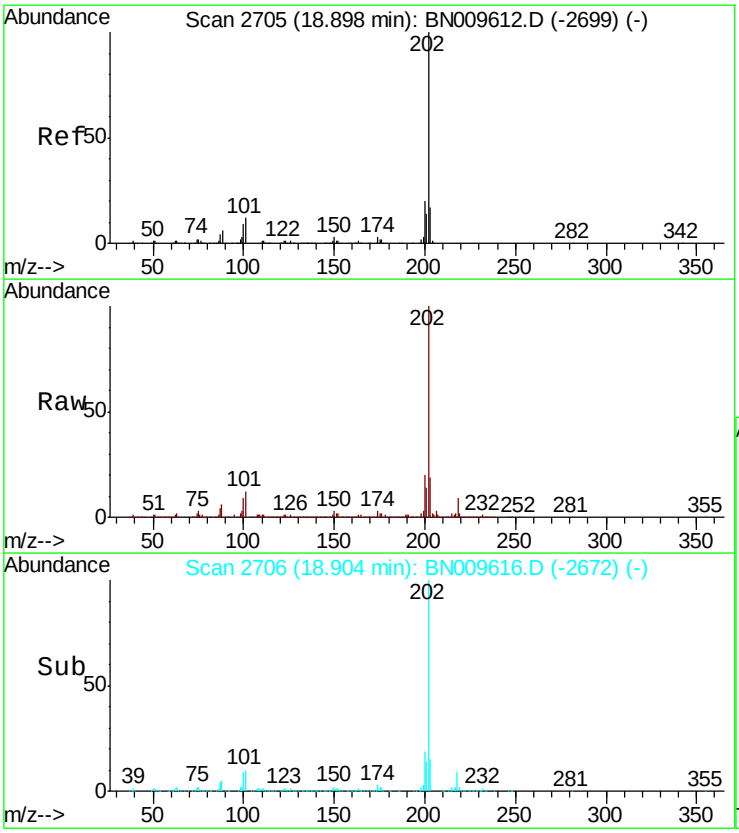
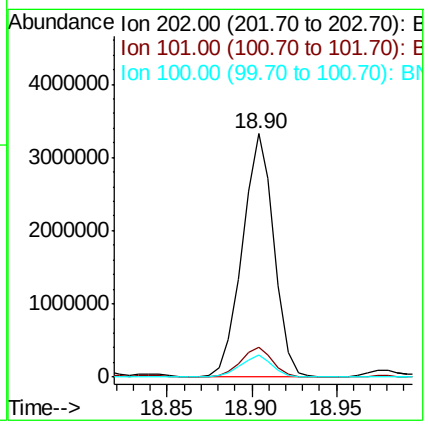
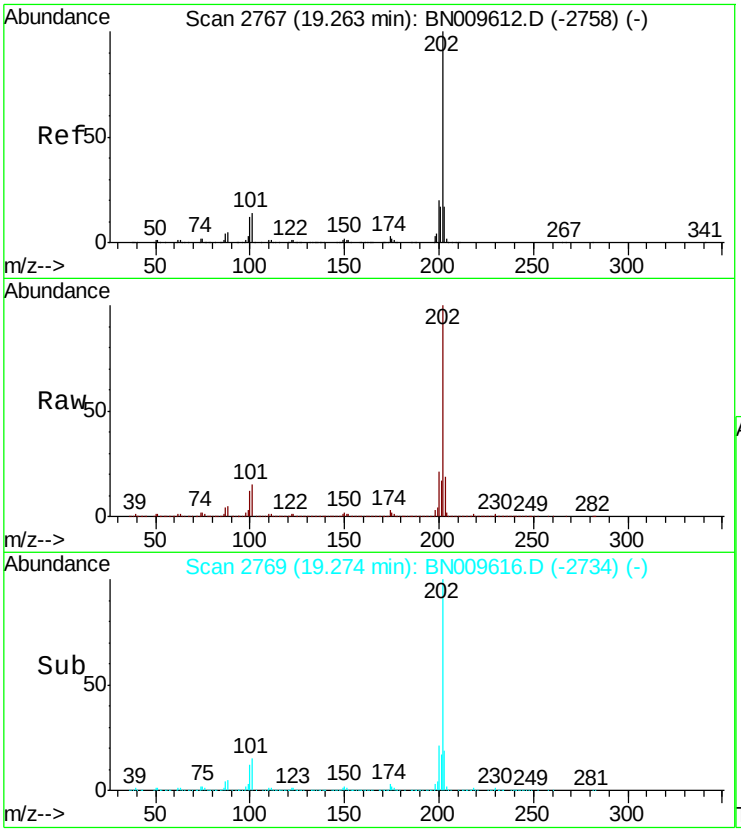


#76
Fluoranthene
Concen: 84.555 ng/ul
RT: 18.90 min Scan# 2706
Delta R.T. -0.00 min
Lab File: BN009616.D
Acq: 06 Feb 2020 19:11

Tgt Ion:202 Resp: 4308454

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.2	13.8
100	9.2	6.9	10.3

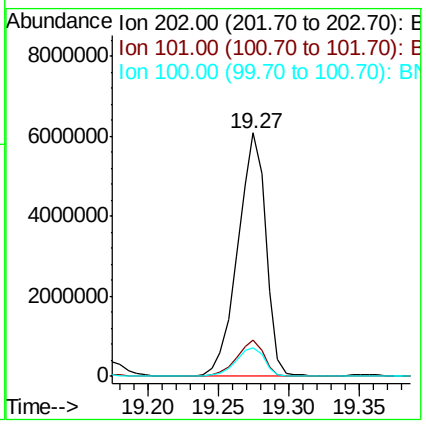




#79
Pyrene
Concen: 173.044 ng/ul
RT: 19.27 min Scan# 2769
Delta R.T. 0.01 min
Lab File: BN009616.D
Acq: 06 Feb 2020 19:11

Tgt Ion:202 Resp: 8388561

Ion	Ratio	Lower	Upper
202	100		
101	14.9	10.3	15.5
100	11.9	8.4	12.6



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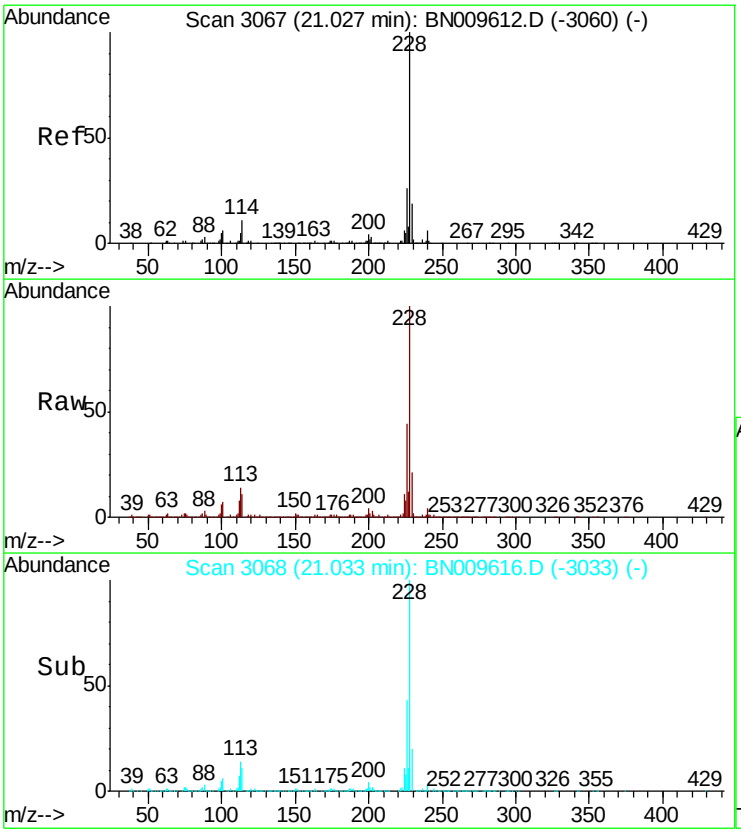
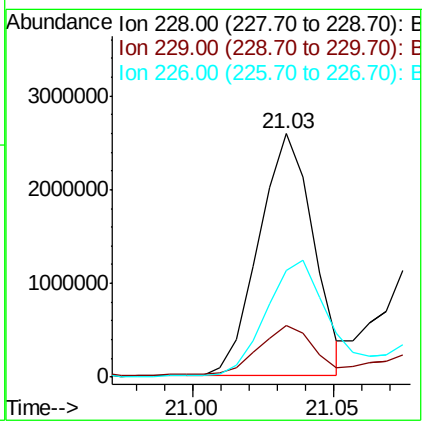
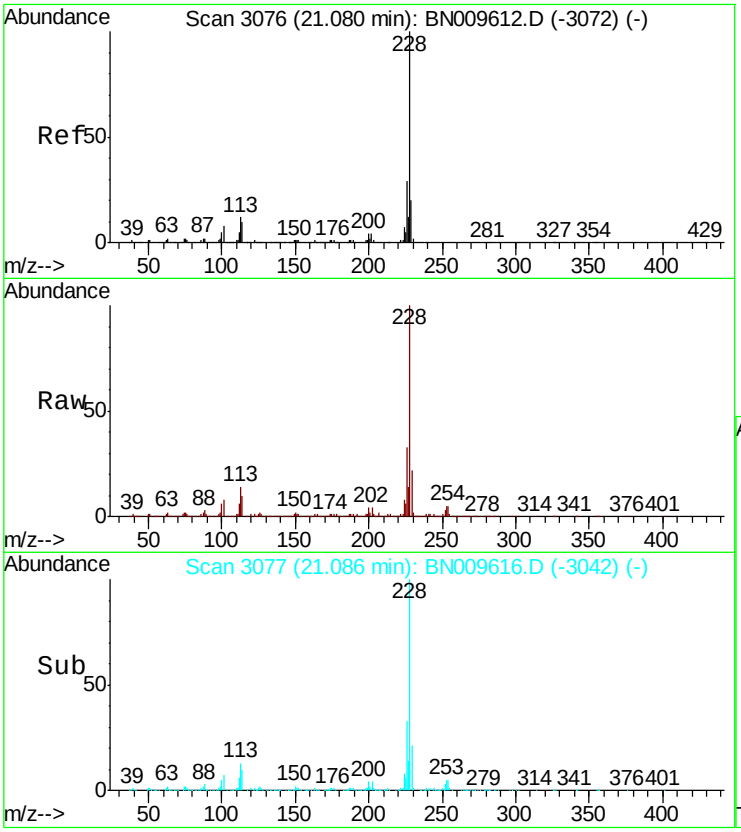


#82
Benzo(a)anthracene
Concen: 75.605 ng/ul
RT: 21.03 min Scan# 3068
Delta R.T. 0.01 min
Lab File: BN009616.D
Acq: 06 Feb 2020 19:11

Tgt Ion:228 Resp: 3466501

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.0	22.4
226	43.6	20.9	31.3#





#84
Chrysene
Concen: 70.272 ng/ul
RT: 21.09 min Scan# 3077
Delta R.T. 0.01 min
Lab File: BN009616.D
Acq: 06 Feb 2020 19:11

Tgt Ion:228 Resp: 3207568

Ion	Ratio	Lower	Upper
228	100		
226	33.1	23.5	35.3
229	22.1	15.8	23.8

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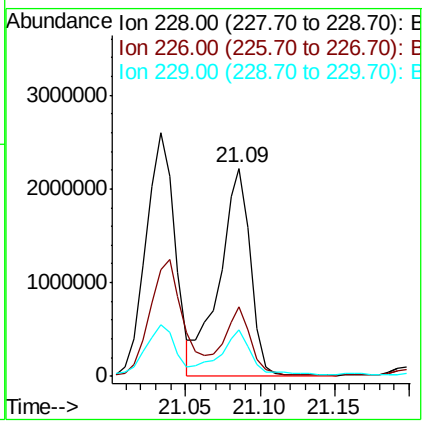
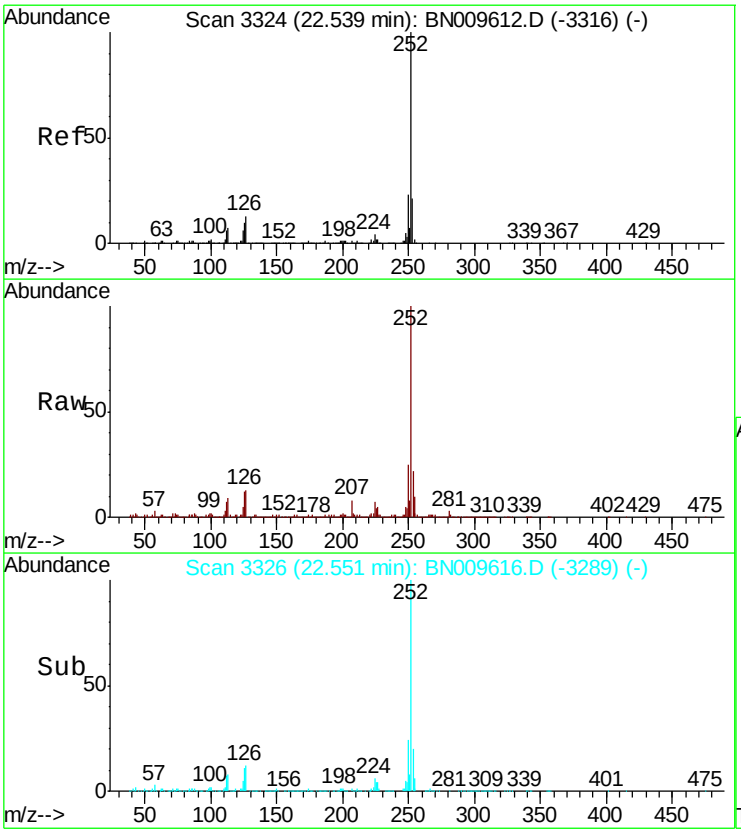
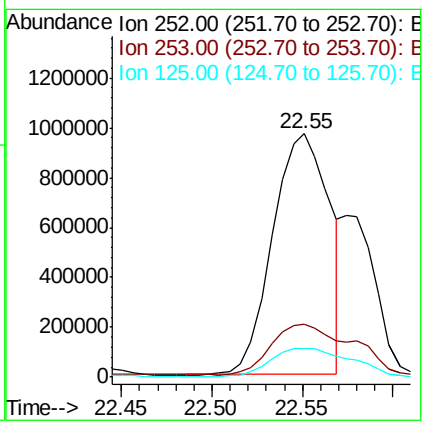


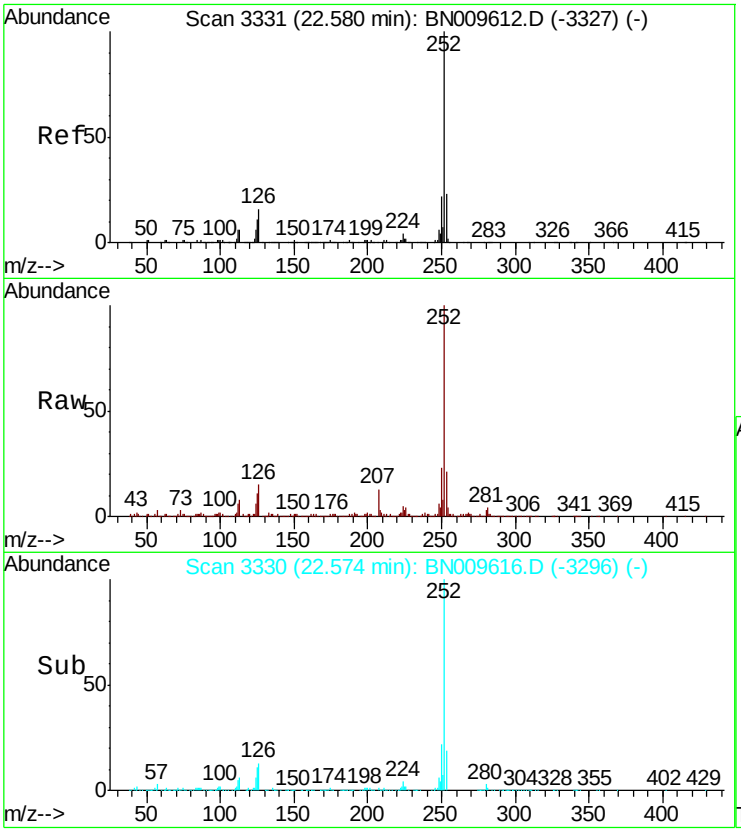


#87
Benzo(b)fluoranthene
Concen: 44.339 ng/ul
RT: 22.55 min Scan# 3326
Delta R.T. 0.02 min
Lab File: BN009616.D
Acq: 06 Feb 2020 19:11

Tgt Ion:252 Resp: 2114426

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	11.5	8.2	12.2

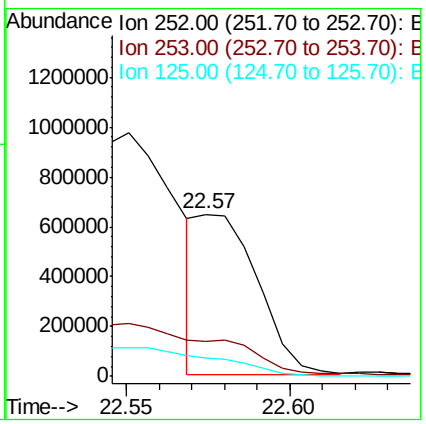




#88
Benzo(k)fluoranthene
Concen: 17.175 ng/ul m
RT: 22.57 min Scan# 3330
Delta R.T. 0.00 min
Lab File: BN009616.D
Acq: 06 Feb 2020 19:11

Tgt Ion:252 Resp: 806622

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.4
125	11.2	8.0	12.0



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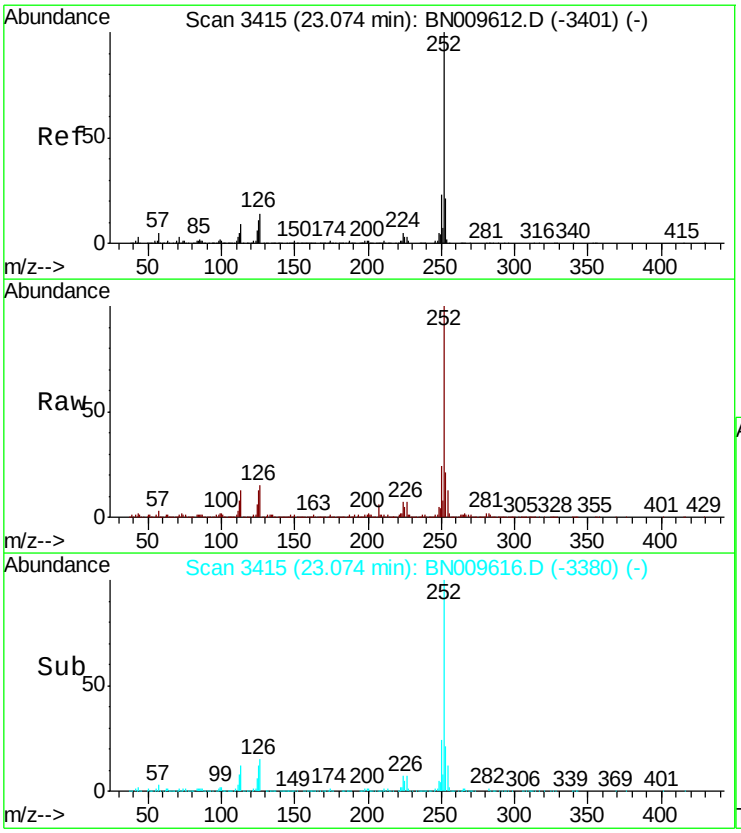
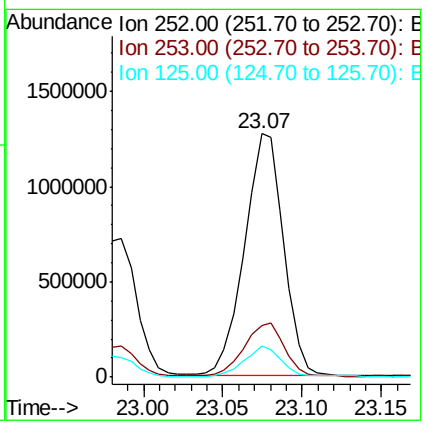
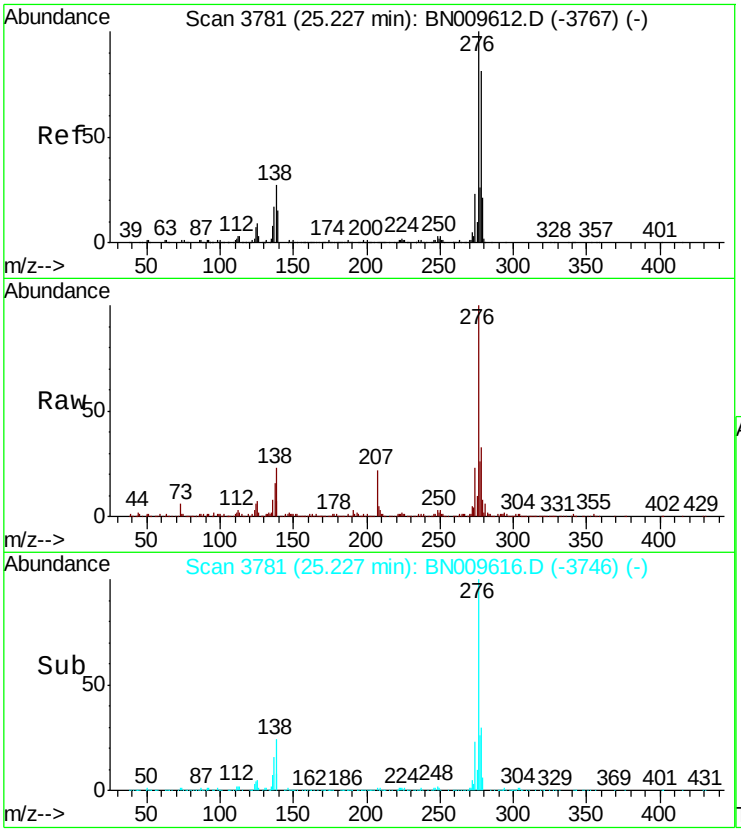


#90
Benzo(a)pyrene
Concen: 48.999 ng/ul
RT: 23.07 min Scan# 3415
Delta R.T. 0.01 min
Lab File: BN009616.D
Acq: 06 Feb 2020 19:11

Tgt Ion:252 Resp: 2164932

Ion	Ratio	Lower	Upper
252	100		
253	21.4	15.8	23.8
125	12.6	8.7	13.1

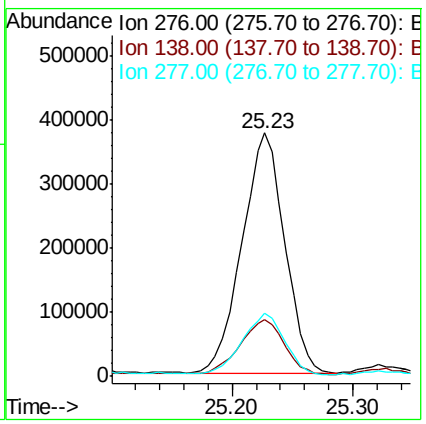




#91
Indeno(1,2,3-cd)pyrene
Concen: 17.468 ng/ul
RT: 25.23 min Scan# 3781
Delta R.T. 0.01 min
Lab File: BN009616.D
Acq: 06 Feb 2020 19:11

Tgt Ion:276 Resp: 917566

Ion	Ratio	Lower	Upper
276	100		
138	30.2	20.3	30.5
277	26.2	21.2	31.8



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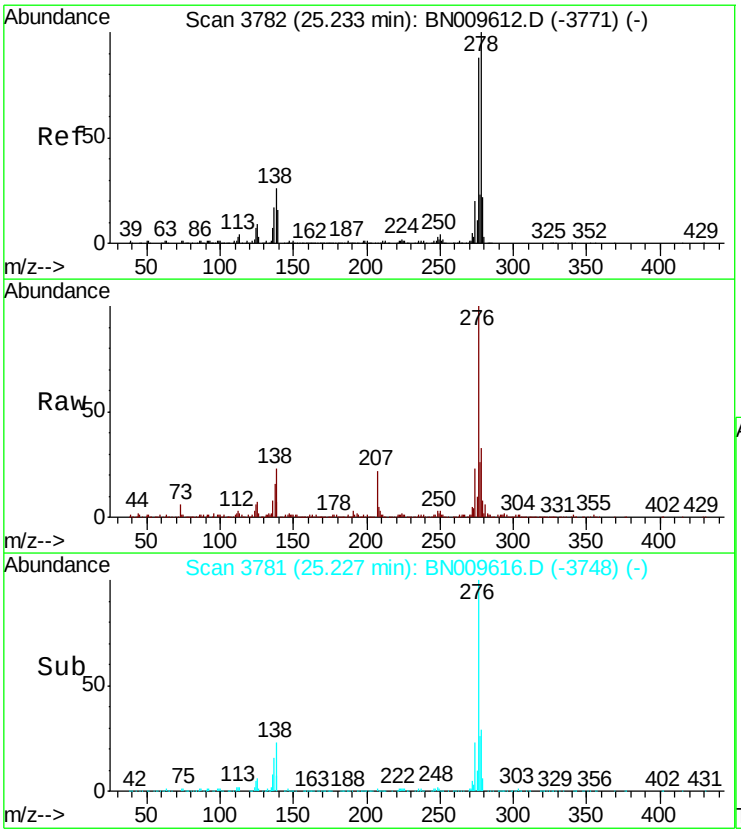
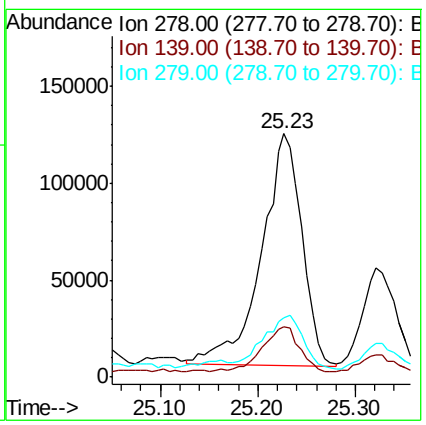
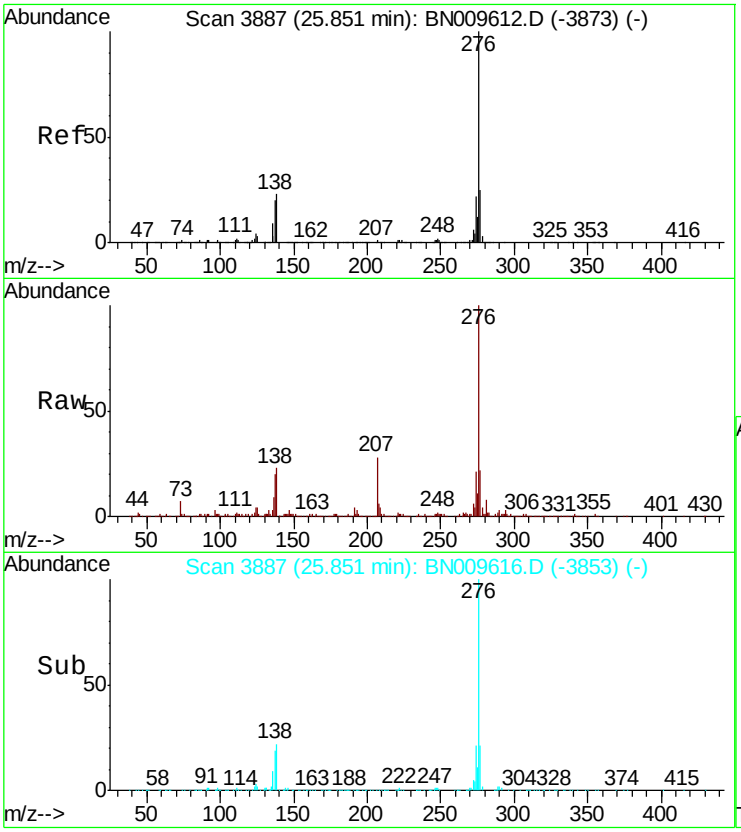


#92
Dibenzo(a,h)anthracene
Concen: 7.910 ng/ul
RT: 25.23 min Scan# 3781
Delta R.T. -0.01 min
Lab File: BN009616.D
Acq: 06 Feb 2020 19:11

Tgt Ion:278 Resp: 349738

Ion	Ratio	Lower	Upper
278	100		
139	20.5	12.7	19.1#
279	24.4	19.8	29.8

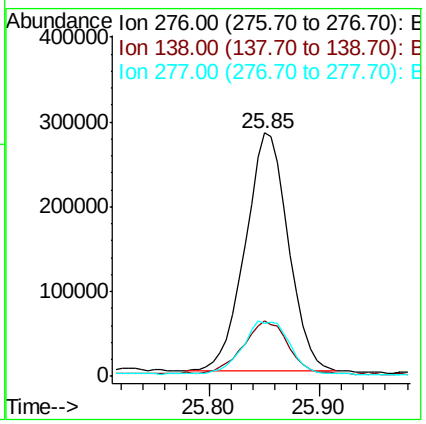




#93
Benzo(g,h,i)perylene
Concen: 17.479 ng/ul
RT: 25.85 min Scan# 3887
Delta R.T. -0.00 min
Lab File: BN009616.D
Acq: 06 Feb 2020 19:11

Tgt Ion:276 Resp: 769513

Ion	Ratio	Lower	Upper
276	100		
138	22.9	16.0	24.0
277	21.9	17.0	25.6



Instrument :
BNA_N
ClientSampleId :
GAT42

Manual Integrations APPROVED
mohammad
2/10/2020 8:19:31 AM