Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009614.D
Acq On : 06 Feb 2020 17:59
Operator : CG/JU
Sample : L1323-03DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT43DL

Manual Integrations APPROVED
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Quant Time: Feb 06 22:47:07 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	158759	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.19	136	668637	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	412673	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.83	188	855557	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	794443	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	886703	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	580	0.15	ng/uL	0.01
5) Phenol-d5	6.65	99	13738	0.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	9721	1.05	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	11113	1.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	10033	0.91	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	4681	0.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	4986	0.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	9819	0.94	ng/ul	0.01
29) 4-Chloroaniline-d4	10.36	131	3762m	0.34	ng/ul	0.02
43) Dimethylphthalate-d6	13.50	166	39161	1.30	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	43128	1.18	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.33	143	6187m	1.09	ng/ul	0.02
57) Fluorene-d10	15.07	176	37038	1.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	2846	0.53	ng/ul	0.01
70) Anthracene-d10	16.93	188	53949	1.39	ng/ul	0.00
78) Pyrene-d10	19.23	212	58300	1.40	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	60048	1.38	ng/ul	0.00
Target Compounds						Qvalue
34) 2-Methylnaphthalene	11.86	142	62922	2.480	ng/ul	98
47) Acenaphthylene	13.79	152	594556	14.926	ng/ul	98
49) Acenaphthene	14.14	153	100669	3.717	ng/ul	97
53) Dibenzofuran	14.47	168	74332	1.971	ng/ul#	82
58) Fluorene	15.13	166	594548	18.866	ng/ul	99
69) Phenanthrene	16.87	178	3104604	63.630	ng/ul	100
71) Anthracene	16.96	178	550954	11.129	ng/ul	99
76) Fluoranthene	18.90	202	828048	14.870	ng/ul	99
79) Pyrene	19.26	202	1400335	24.146	ng/ul	96
82) Benzo(a)anthracene	21.03	228	477727	8.709	ng/ul#	76
84) Chrysene	21.07	228	422417	7.736	ng/ul	94
87) Benzo(b)fluoranthene	22.53	252	283412	5.109	ng/ul	95
88) Benzo(k)fluoranthene	22.57	252	74250m	1.359	ng/ul	
90) Benzo(a)pyrene	23.06	252	286173	5.568	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.21	276	107510	1.759	ng/ul	94
93) Benzo(g,h,i)perylene	25.83	276	99330	1.939	ng/ul	99

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

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ALS Vial : 9 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
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Instrument :
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ClientSampleId :
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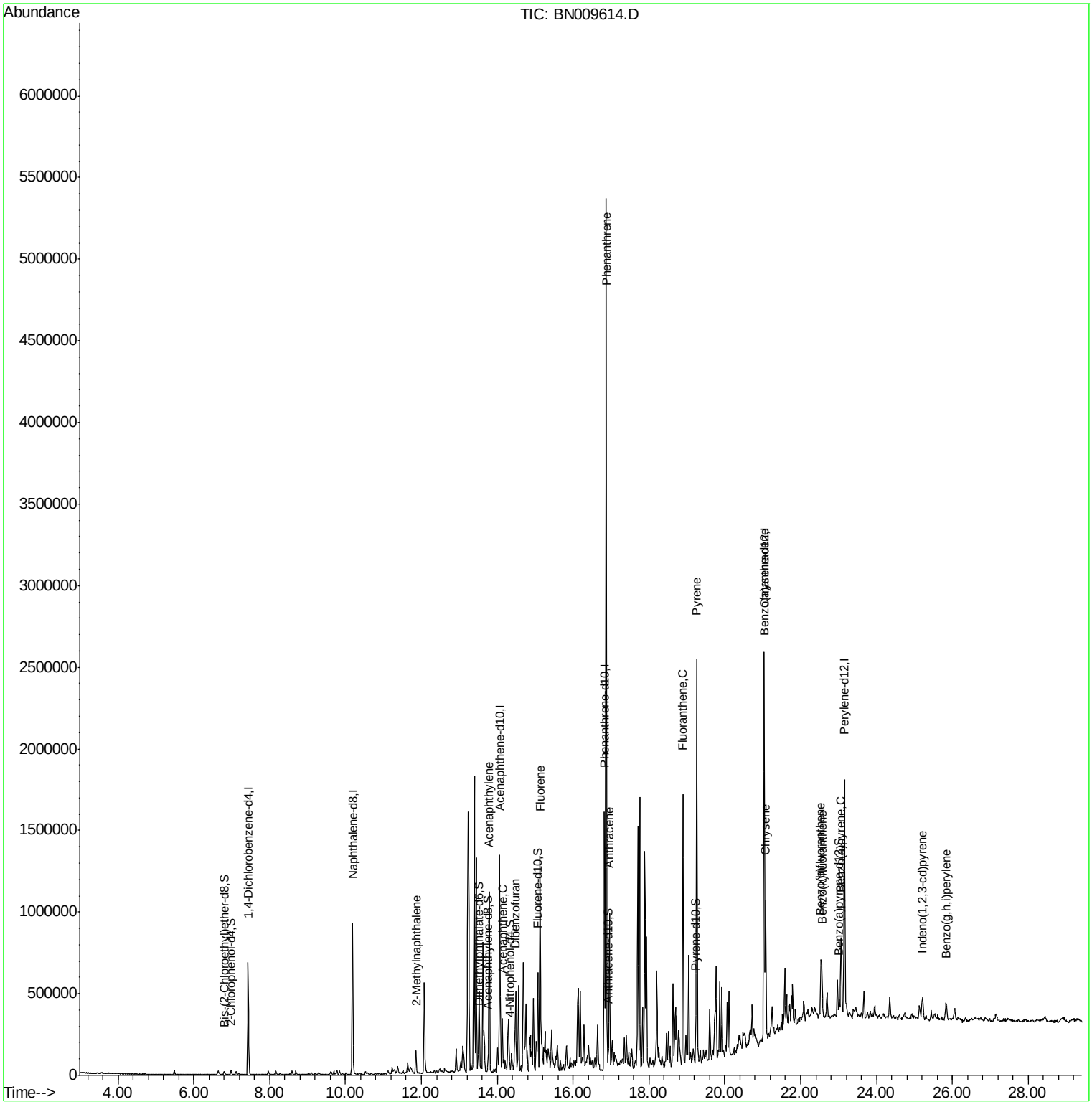

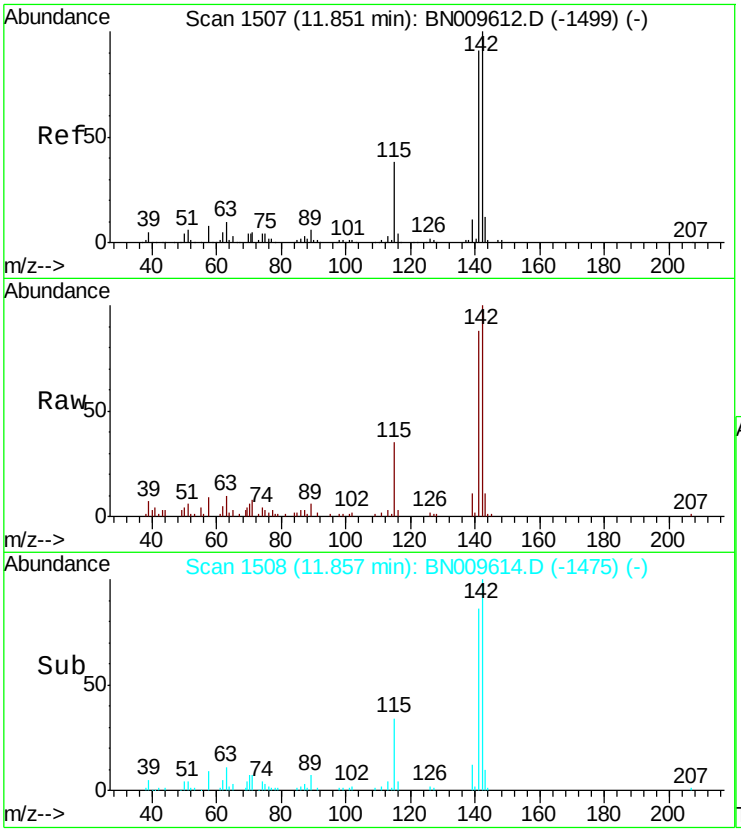

#34
2-Methylnaphthalene
Concen: 2.480 ng/ul
RT: 11.86 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BN009614.D
Acq: 06 Feb 2020 17:59

Tgt Ion:142 Resp: 62922

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.5	107.3

Instrument :
BNA_N
ClientSampleId :
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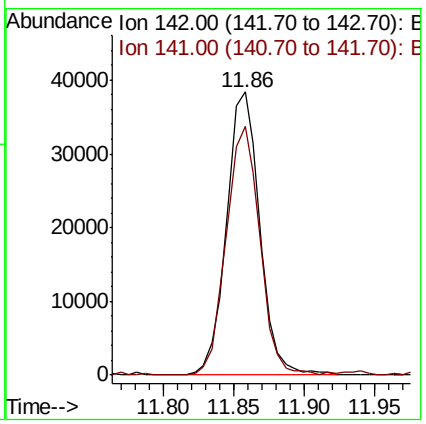
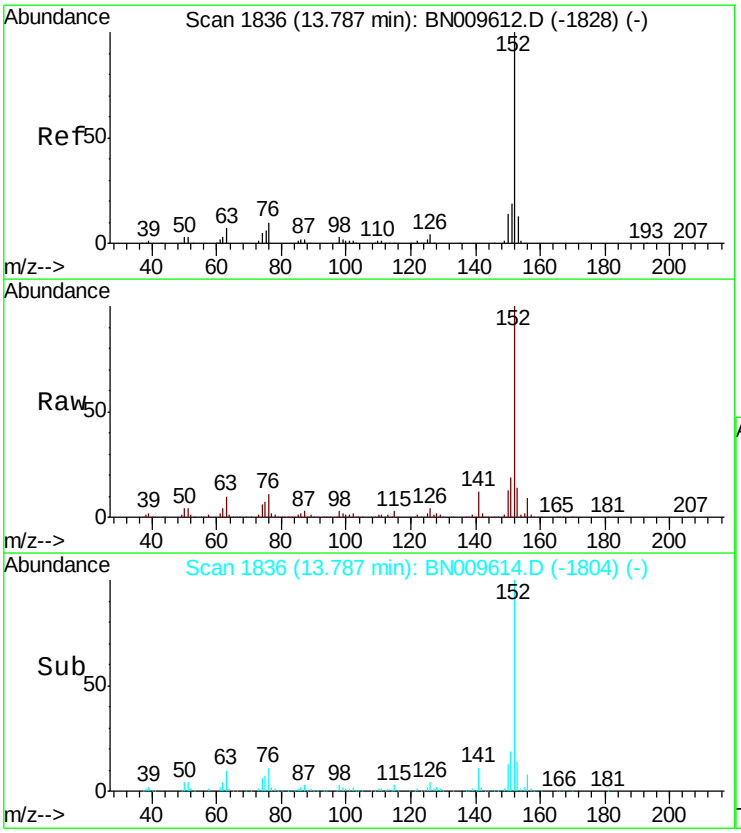
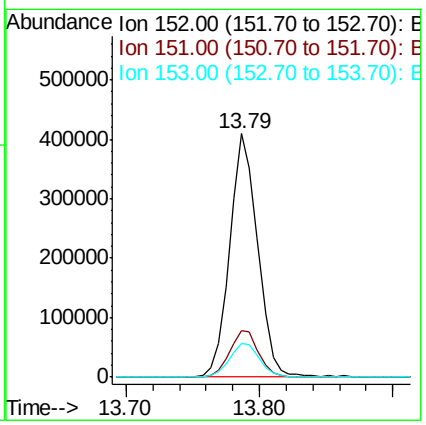


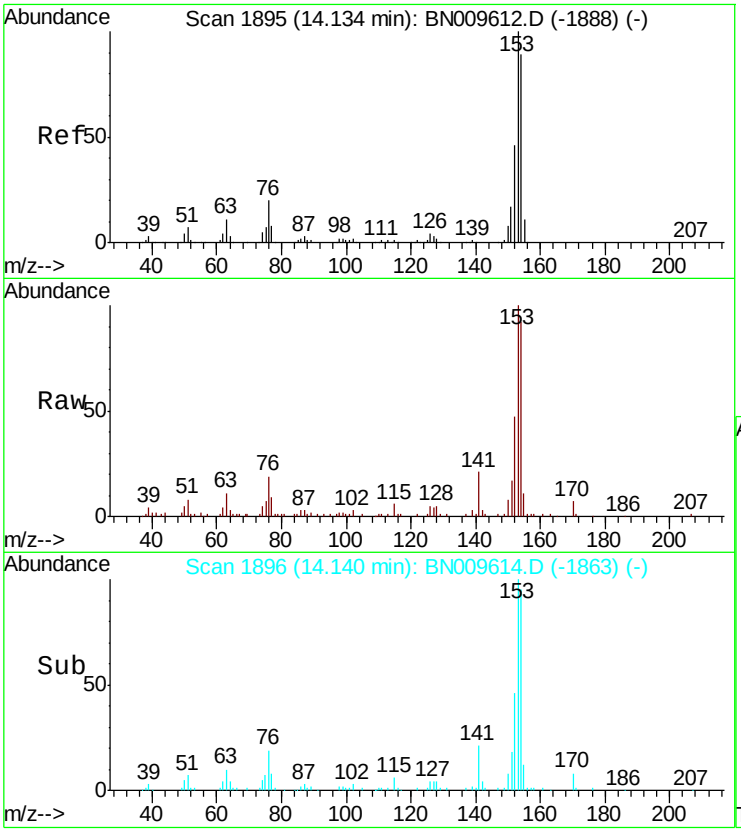


#47
Acenaphthylene
Concen: 14.926 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BN009614.D
Acq: 06 Feb 2020 17:59

Tgt Ion:152 Resp: 594556

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.2
153	13.9	10.6	15.8





#49
Acenaphthene
Concen: 3.717 ng/ul
RT: 14.14 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BN009614.D
Acq: 06 Feb 2020 17:59

Tgt Ion:153 Resp: 100669

Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.3	55.9
154	92.0	70.2	105.2

Instrument :
BNA_N
ClientSampleId :
GAT43DL

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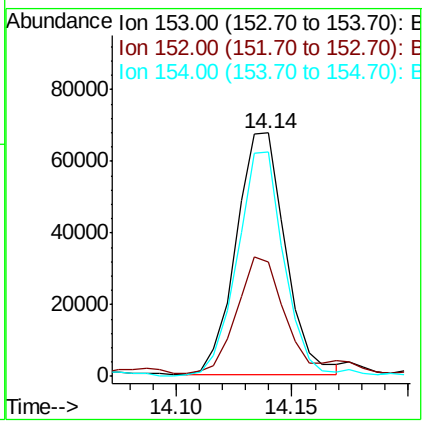
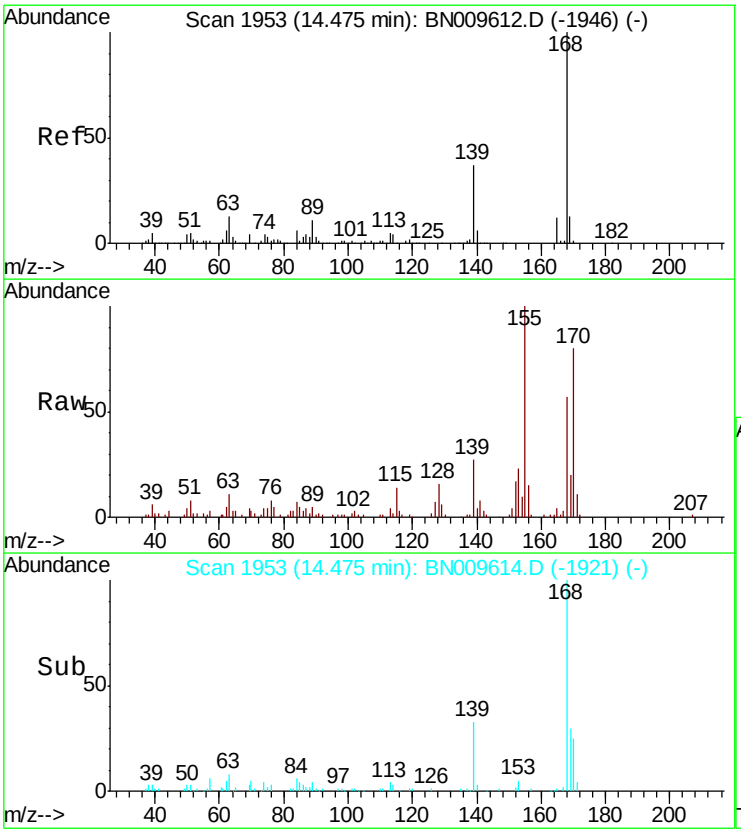
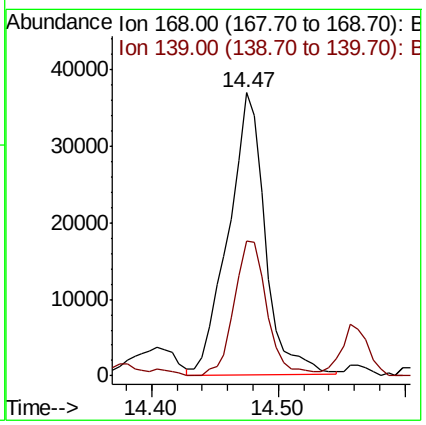


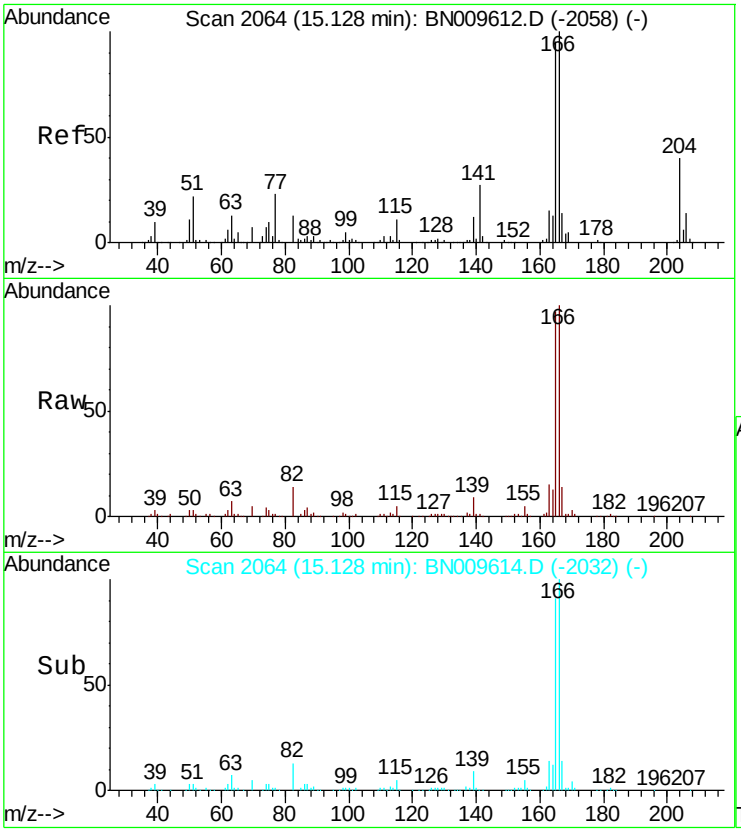


#53
Dibenzofuran
Concen: 1.971 ng/ul
RT: 14.47 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BN009614.D
Acq: 06 Feb 2020 17:59

Tgt Ion:168 Resp: 74332

Ion	Ratio	Lower	Upper
168	100		
139	47.9	29.5	44.3#

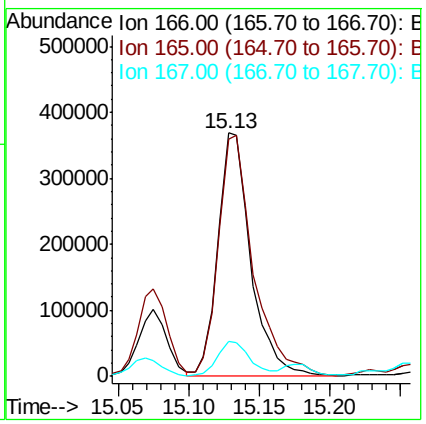




#58
Fluorene
Concen: 18.866 ng/ul
RT: 15.13 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BN009614.D
Acq: 06 Feb 2020 17:59

Tgt Ion:166 Resp: 594548

Ion	Ratio	Lower	Upper
166	100		
165	97.2	76.7	115.1
167	14.4	11.1	16.7



Instrument :
BNA_N
ClientSampleId :
GAT43DL

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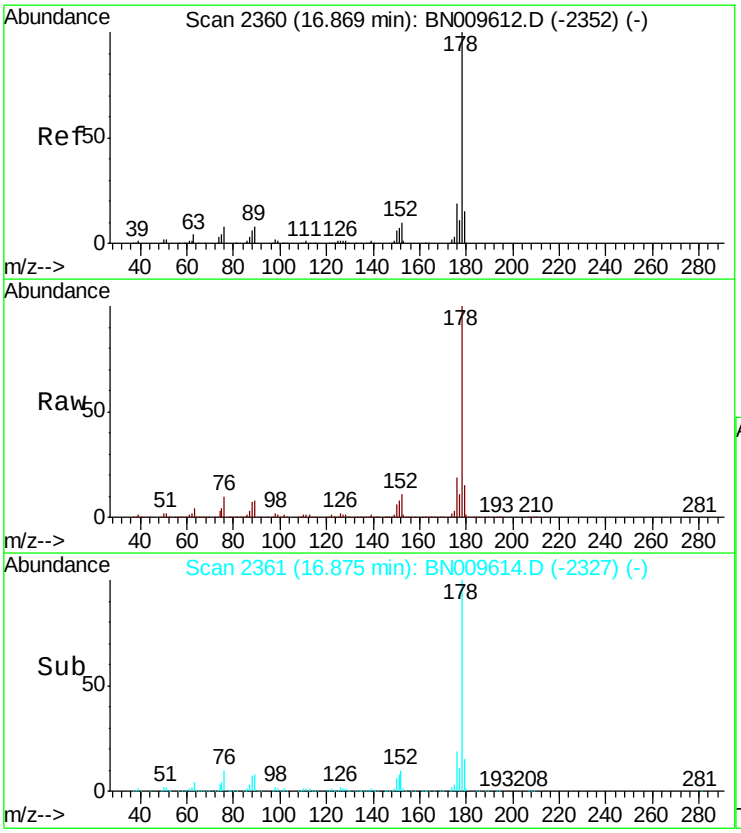
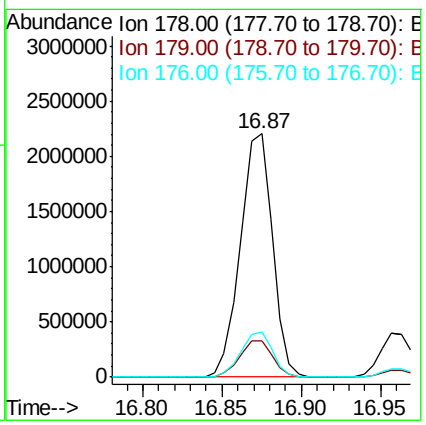
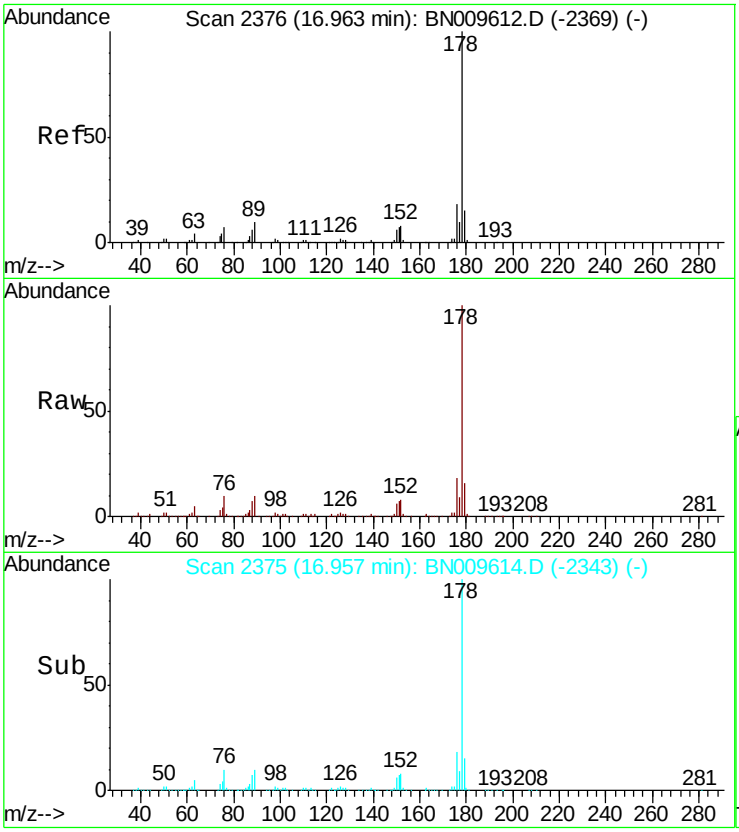


#69
Phenanthrene
Concen: 63.630 ng/ul
RT: 16.87 min Scan# 2361
Delta R.T. 0.00 min
Lab File: BN009614.D
Acq: 06 Feb 2020 17:59

Tgt Ion:178 Resp: 3104604

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	18.8	14.8	22.2

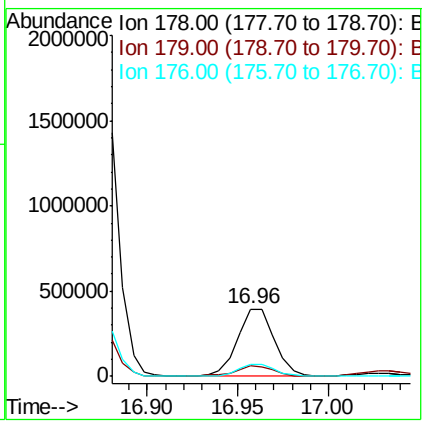




#71
Anthracene
Concen: 11.129 ng/ul
RT: 16.96 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BN009614.D
Acq: 06 Feb 2020 17:59

Tgt Ion:178 Resp: 550954

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.1	18.1
176	17.7	14.6	21.8



Instrument :
BNA_N
ClientSampleId :
GAT43DL

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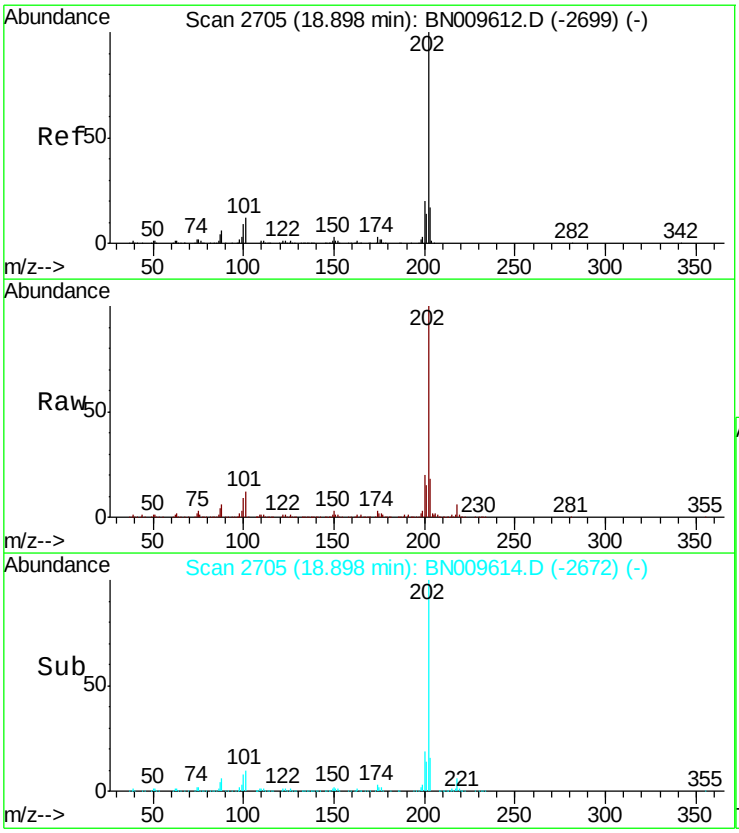
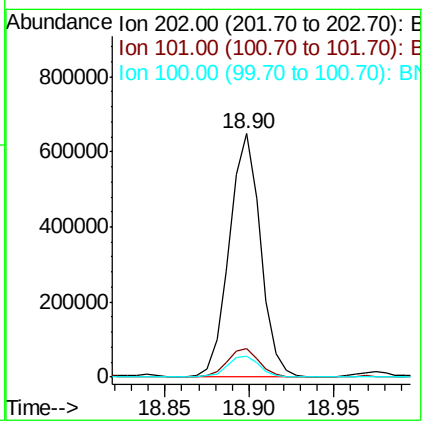
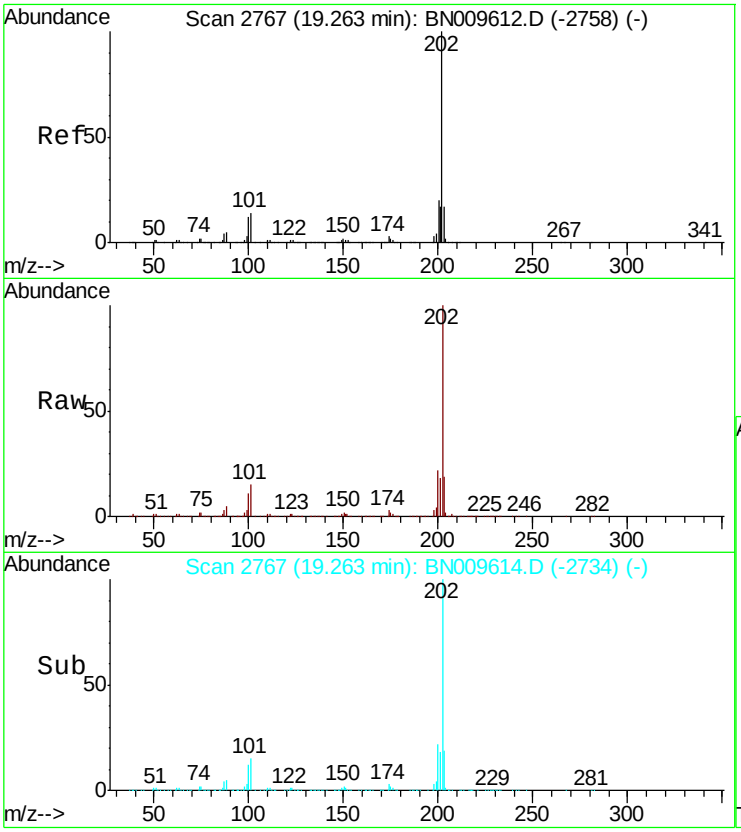


#76
Fluoranthene
Concen: 14.870 ng/ul
RT: 18.90 min Scan# 2705
Delta R.T. -0.01 min
Lab File: BN009614.D
Acq: 06 Feb 2020 17:59

Tgt Ion:202 Resp: 828048

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.2	13.8
100	8.8	6.9	10.3





#79
Pyrene
Concen: 24.146 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BN009614.D
Acq: 06 Feb 2020 17:59

Tgt Ion:202 Resp: 1400335

Ion	Ratio	Lower	Upper
202	100		
101	14.7	10.3	15.5
100	11.5	8.4	12.6

Instrument :
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ClientSampleId :
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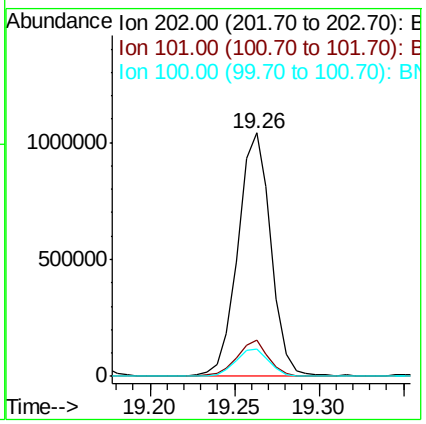
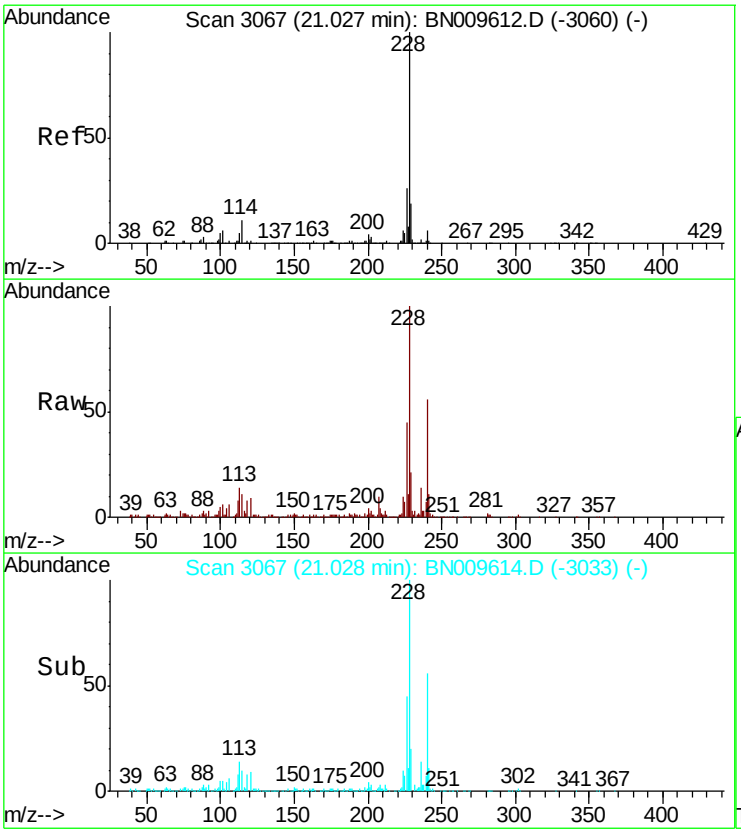
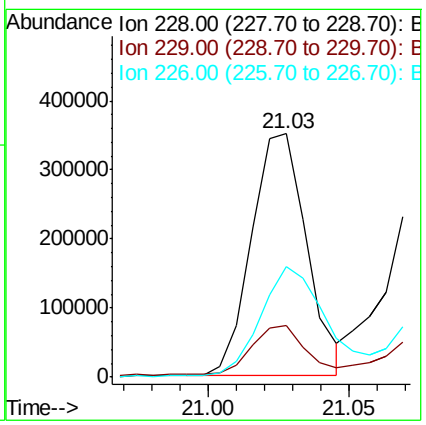


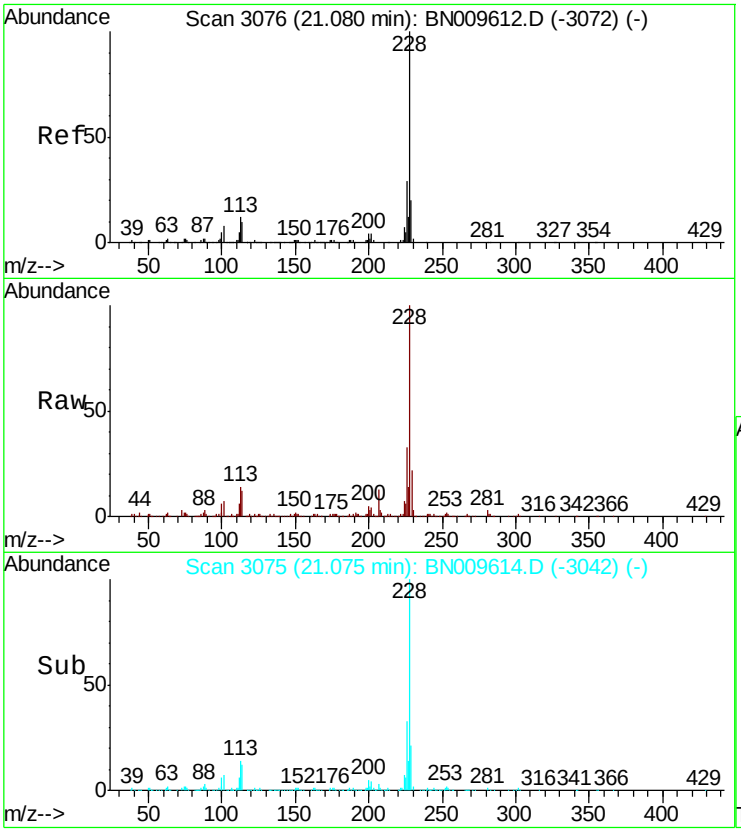


#82
Benzo(a)anthracene
Concen: 8.709 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. 0.00 min
Lab File: BN009614.D
Acq: 06 Feb 2020 17:59

Tgt Ion:228 Resp: 477727

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.0	22.4
226	45.3	20.9	31.3#

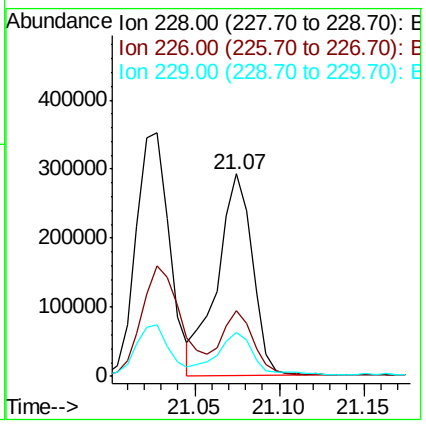




#84
Chrysene
Concen: 7.736 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009614.D
Acq: 06 Feb 2020 17:59

Tgt Ion:228 Resp: 422417

Ion	Ratio	Lower	Upper
228	100		
226	32.8	23.5	35.3
229	22.0	15.8	23.8



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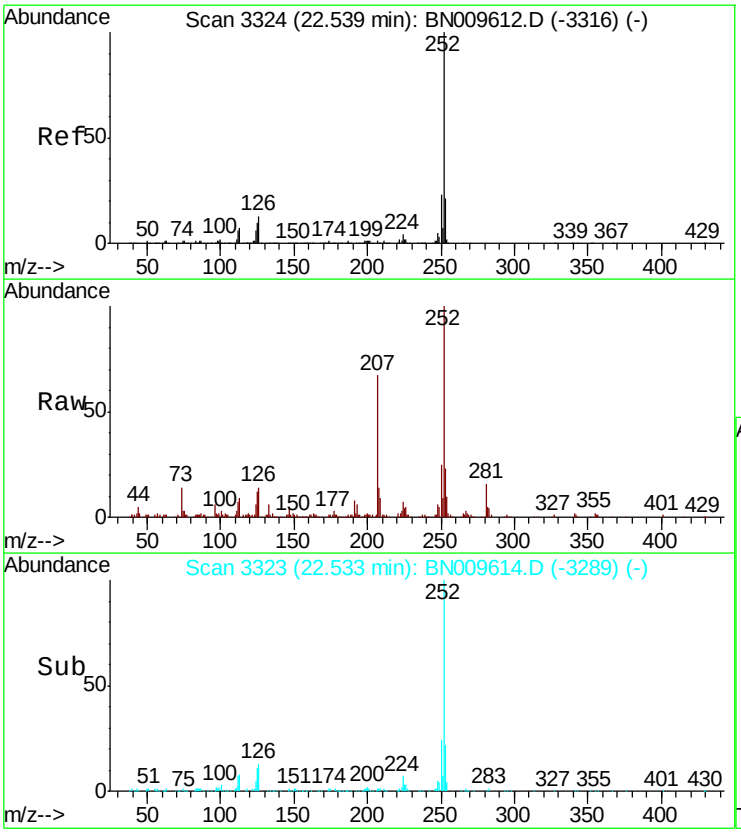
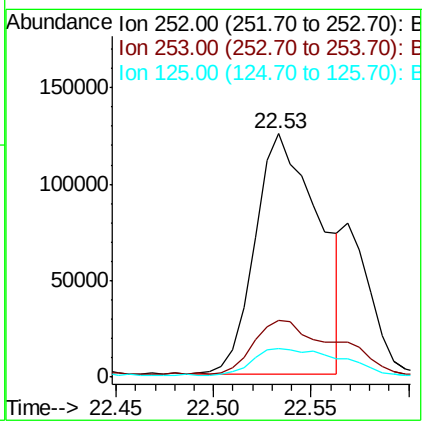
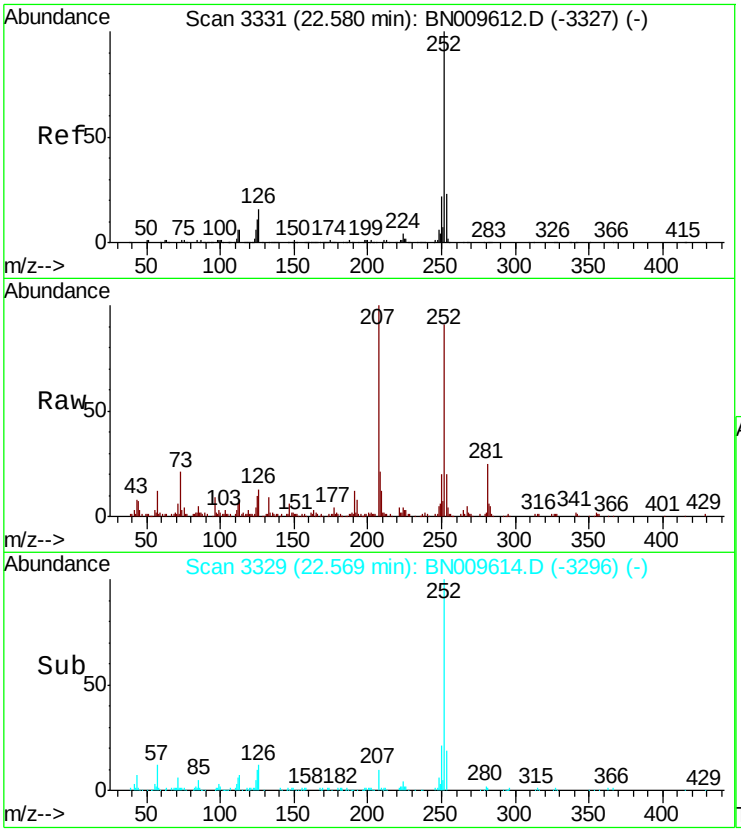


#87
Benzo(b)fluoranthene
Concen: 5.109 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. 0.00 min
Lab File: BN009614.D
Acq: 06 Feb 2020 17:59

Tgt Ion:252 Resp: 283412

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	12.0	8.2	12.2

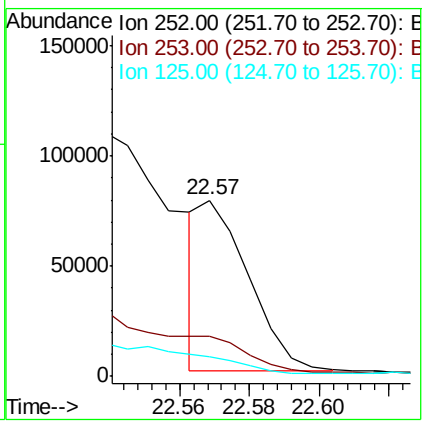




#88
Benzo(k)fluoranthene
Concen: 1.359 ng/ul m
RT: 22.57 min Scan# 3329
Delta R.T. -0.01 min
Lab File: BN009614.D
Acq: 06 Feb 2020 17:59

Tgt Ion:252 Resp: 74250

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.4
125	11.5	8.0	12.0



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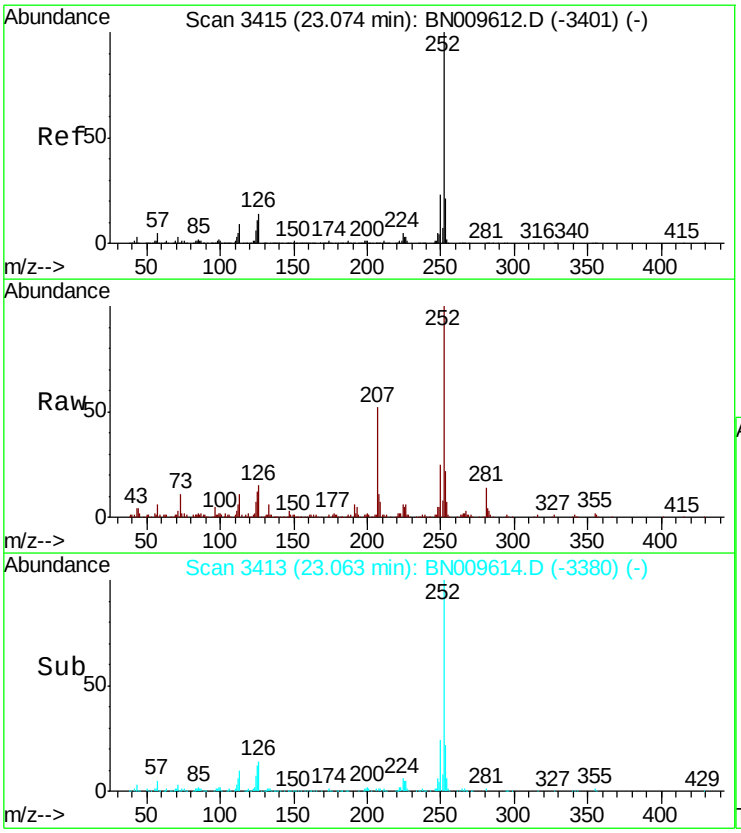
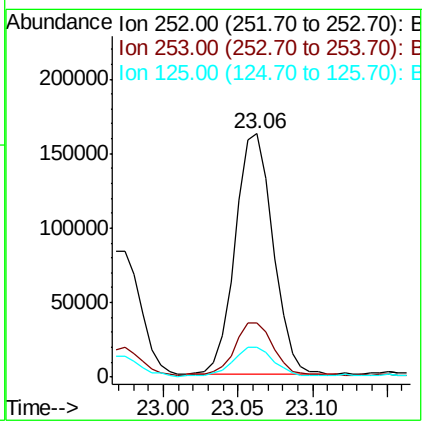
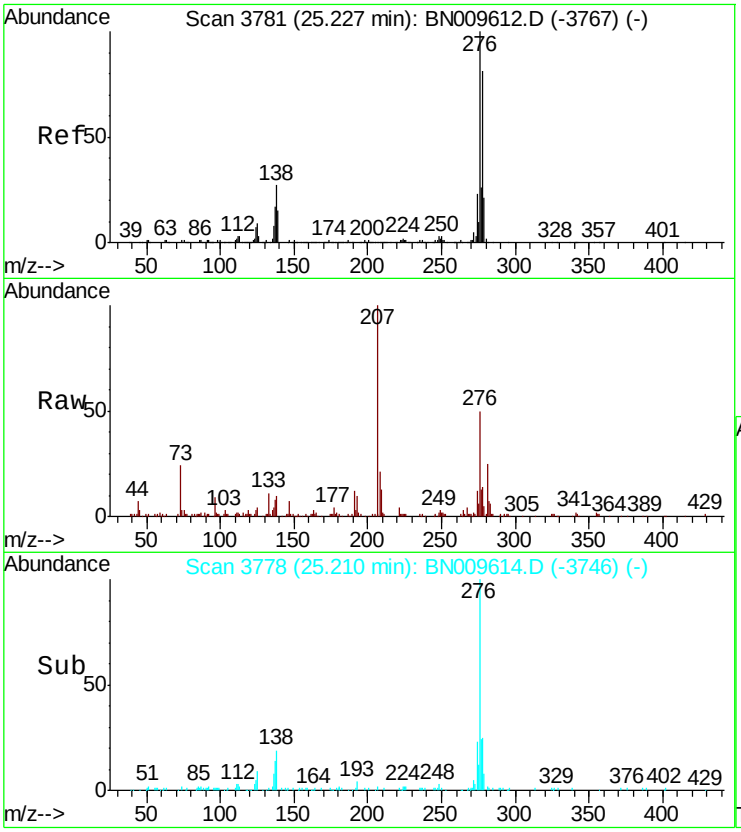


#90
Benzo(a)pyrene
Concen: 5.568 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN009614.D
Acq: 06 Feb 2020 17:59

Tgt Ion:252 Resp: 286173

Ion	Ratio	Lower	Upper
252	100		
253	22.4	15.8	23.8
125	12.3	8.7	13.1

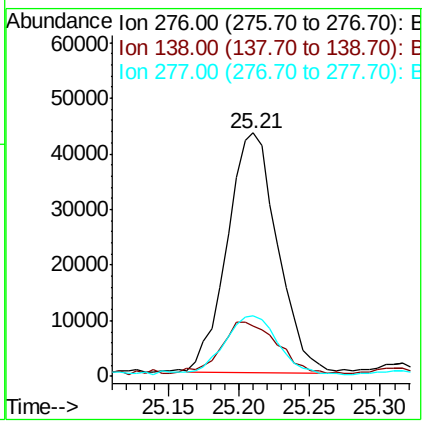




#91
Indeno(1,2,3-cd)pyrene
Concen: 1.759 ng/ul
RT: 25.21 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BN009614.D
Acq: 06 Feb 2020 17:59

Tgt Ion:276 Resp: 107510

Ion	Ratio	Lower	Upper
276	100		
138	20.6	20.3	30.5
277	24.9	21.2	31.8



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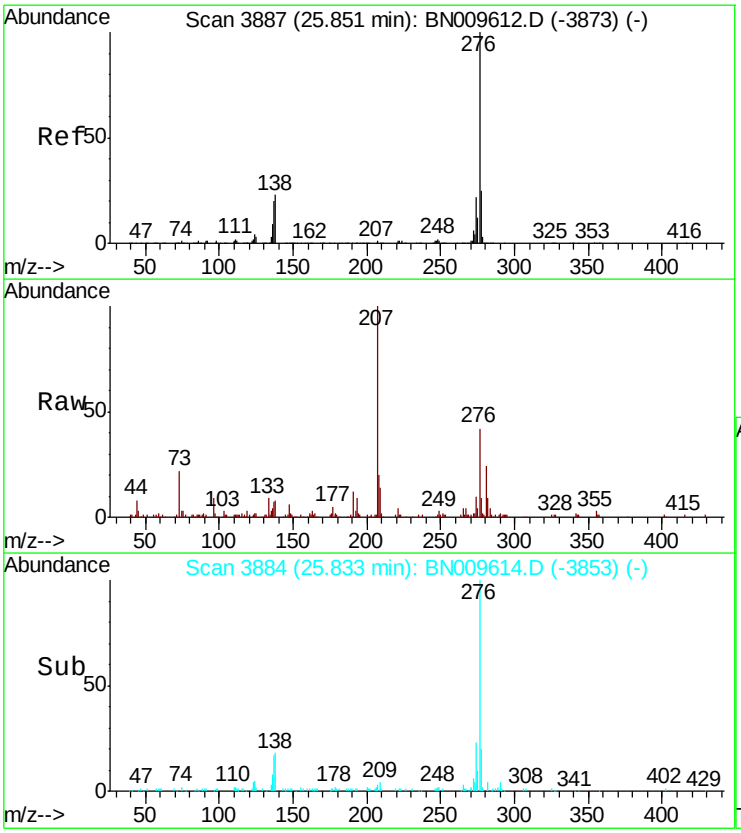

#93
Benzo(g,h,i)perylene
Concen: 1.939 ng/ul
RT: 25.83 min Scan# 3884
Delta R.T. -0.02 min
Lab File: BN009614.D
Acq: 06 Feb 2020 17:59

Tgt Ion:276 Resp: 99330

Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.0	24.0
277	21.0	17.0	25.6