Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005469.D
Acq On : 04 May 2019 01:51
Operator : JU/SJ
Sample : K2603-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ66

Manual Integrations APPROVED
mohammad
5/7/2019 8:21:35 AM

Quant Time: May 06 02:04:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	235211	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1064446	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	667673	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1529772	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1473403	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1385957	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	15728	3.23	ng/uL	0.00
5) Phenol-d5	6.77	99	404020	21.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	223059	19.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	326614	23.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	350085	24.24	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	176323	26.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	197158	29.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	383176	25.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	249976	15.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1271935	26.24	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1565547	26.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	212482	27.76	ng/ul	0.00
57) Fluorene-d10	15.22	176	1116292	27.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	143361	20.84	ng/ul	0.00
70) Anthracene-d10	17.08	188	1841317	28.71	ng/ul	0.00
78) Pyrene-d10	19.39	212	2132736	28.30	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	1712846	28.28	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.80	94	21278	1.120	ng/ul	96
44) Dimethylphthalate	13.69	163	422439	8.747	ng/ul	99
47) Acenaphthylene	13.94	152	1220567	20.864	ng/ul	98
58) Fluorene	15.30	166	122358	2.727	ng/ul#	51
69) Phenanthrene	17.02	178	174214	2.338	ng/ul#	81
71) Anthracene	17.12	178	637713	8.403	ng/ul	96
76) Fluoranthene	19.06	202	302079m	3.655	ng/ul	
79) Pyrene	19.43	202	2453038	25.857	ng/ul#	94
82) Benzo(a)anthracene	21.20	228	352163	3.842	ng/ul#	33
84) Chrysene	21.23	228	1165613	13.702	ng/ul#	88
87) Benzo(b)fluoranthene	22.76	252	933564	11.983	ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	259247m	3.484	ng/ul	
90) Benzo(a)pyrene	23.32	252	1165905	15.921	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.60	276	771332	9.527	ng/ul	99
92) Dibenzo(a,h)anthracene	25.60	278	231463	3.369	ng/ul#	89
93) Benzo(g,h,i)perylene	26.26	276	662232	9.892	ng/ul	94

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

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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAJ66

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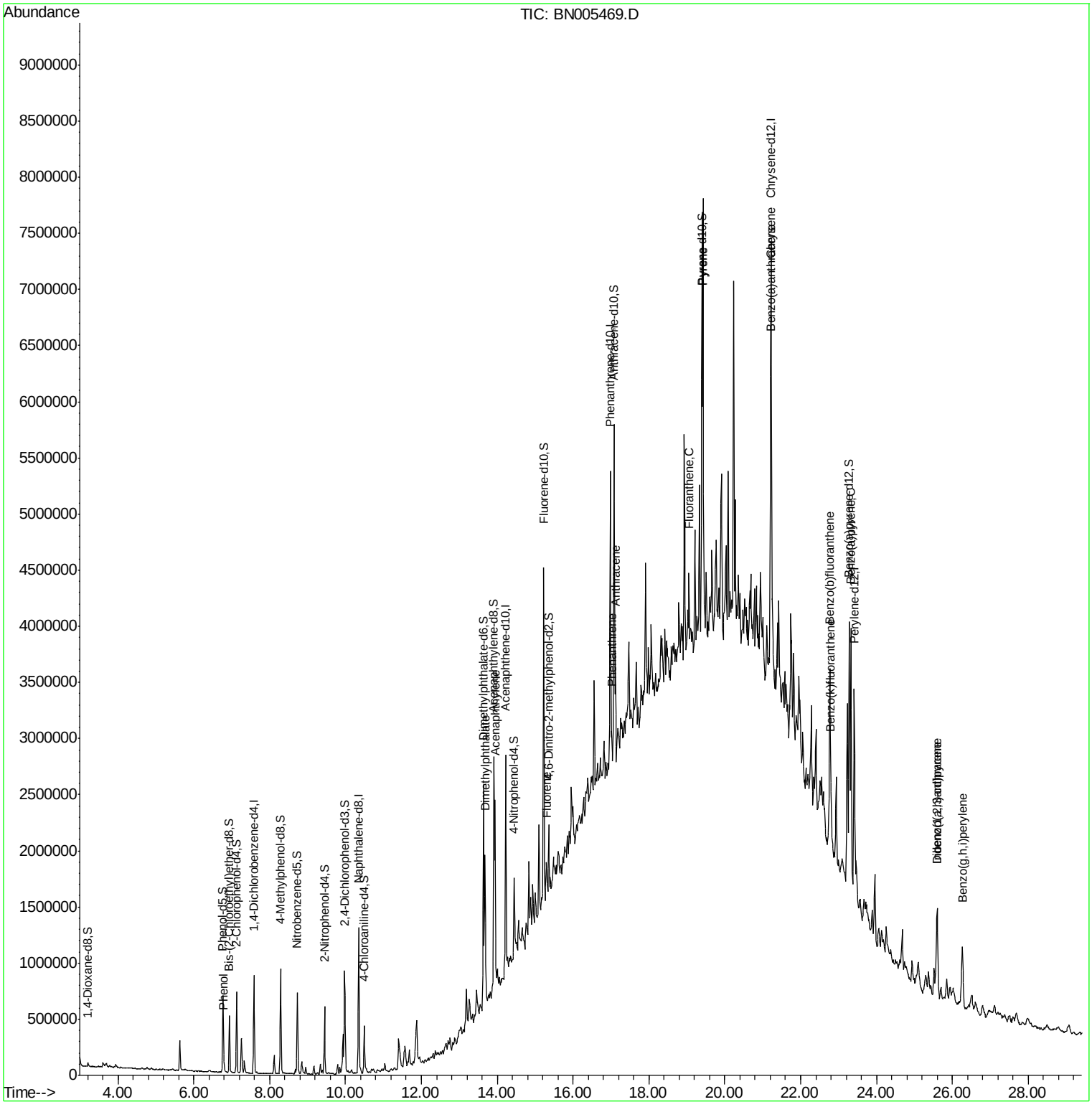
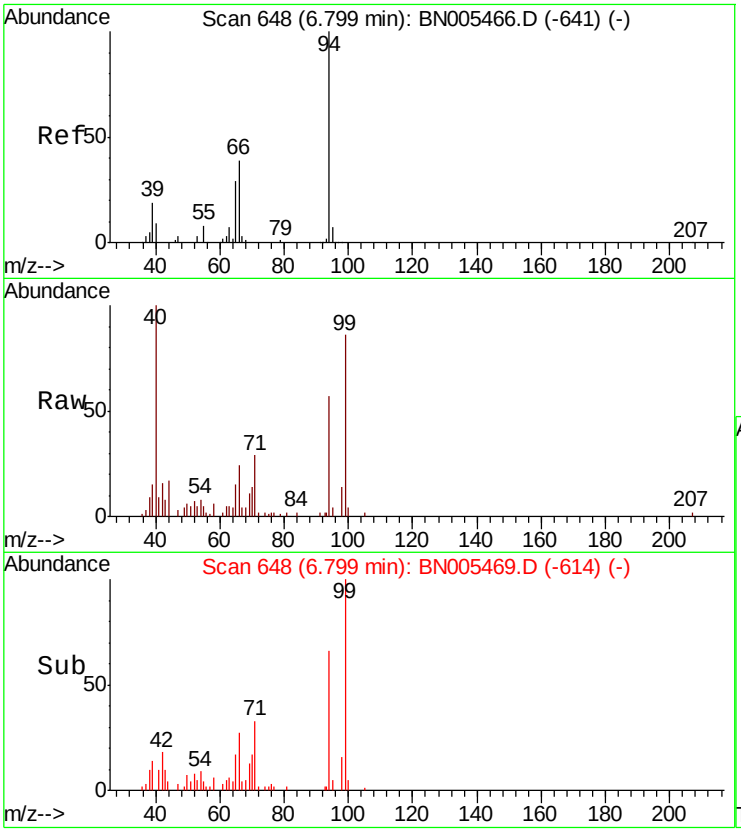
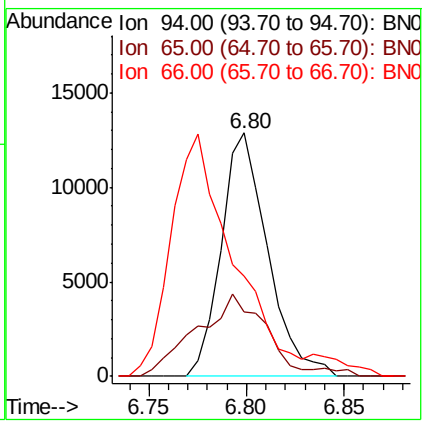




#6
Phenol
Concen: 1.120 ng/ul
RT: 6.80 min Scan# 648
Delta R.T. -0.00 min
Lab File: BN005469.D
Acq: 04 May 2019 01:51

Tgt Ion: 94 Resp: 21278

Ion	Ratio	Lower	Upper
94	100		
65	26.3	24.2	36.4
66	41.4	33.8	50.6



Instrument :
BNA_N
ClientSampleId :
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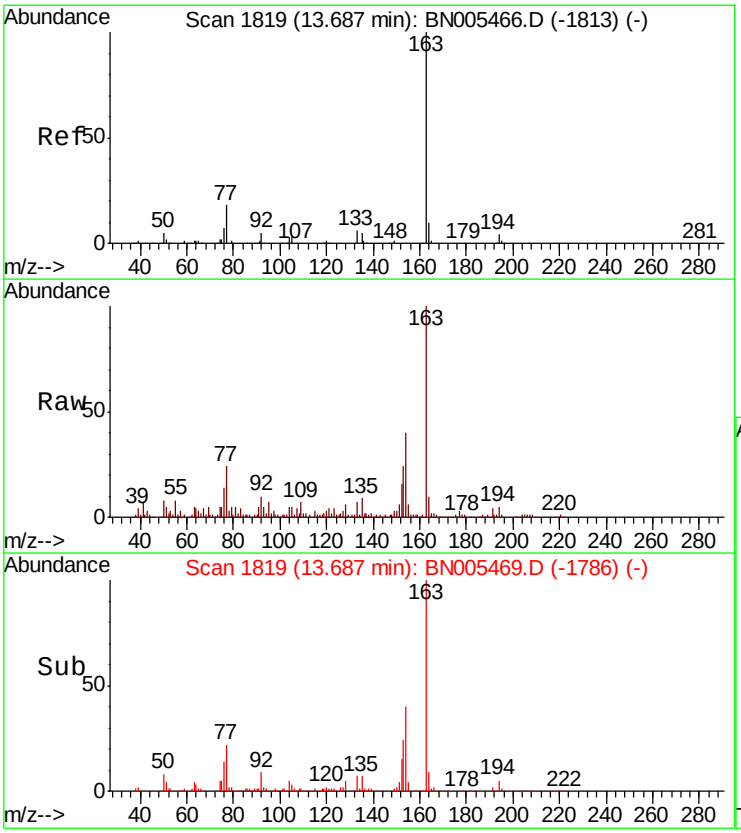
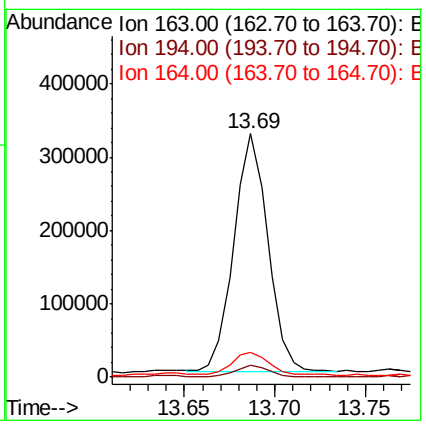
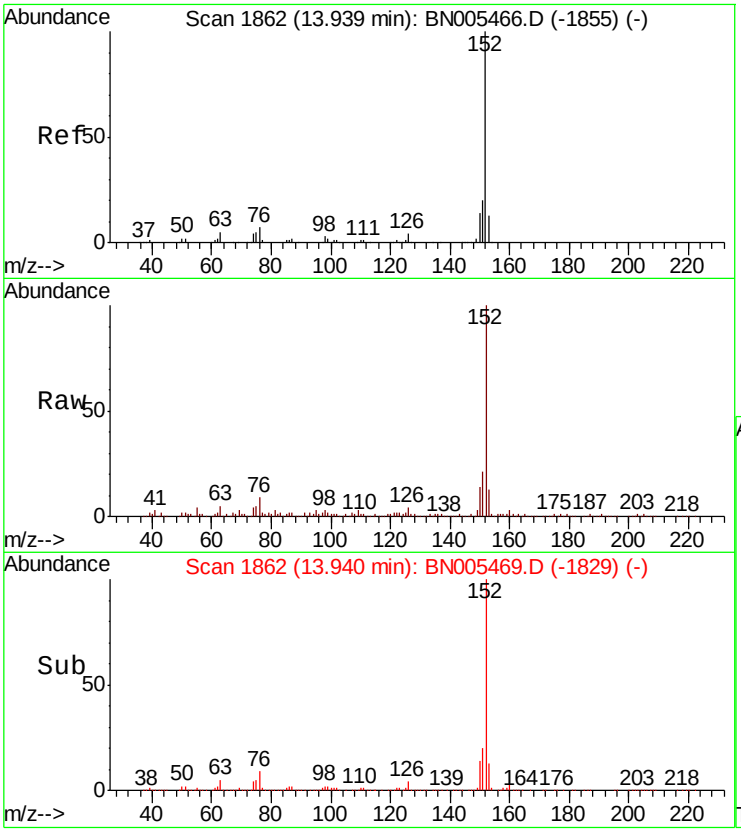


#44
Dimethylphthalate
Concen: 8.747 ng/ul
RT: 13.69 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BN005469.D
Acq: 04 May 2019 01:51

Tgt Ion:163 Resp: 422439

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.0
164	10.2	8.1	12.1

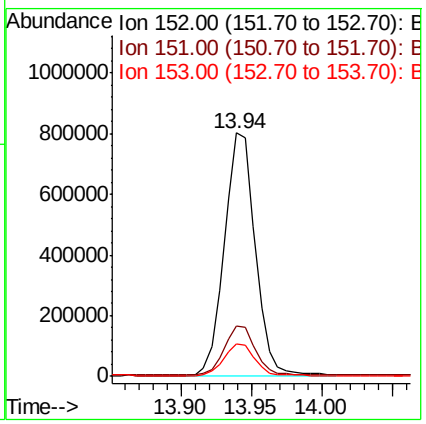




#47
Acenaphthylene
Concen: 20.864 ng/ul
RT: 13.94 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BN005469.D
Acq: 04 May 2019 01:51

Tgt Ion:152 Resp: 1220567

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.8	23.8
153	13.2	9.8	14.8



Instrument :
BNA_N
ClientSampleId :
GAJ66

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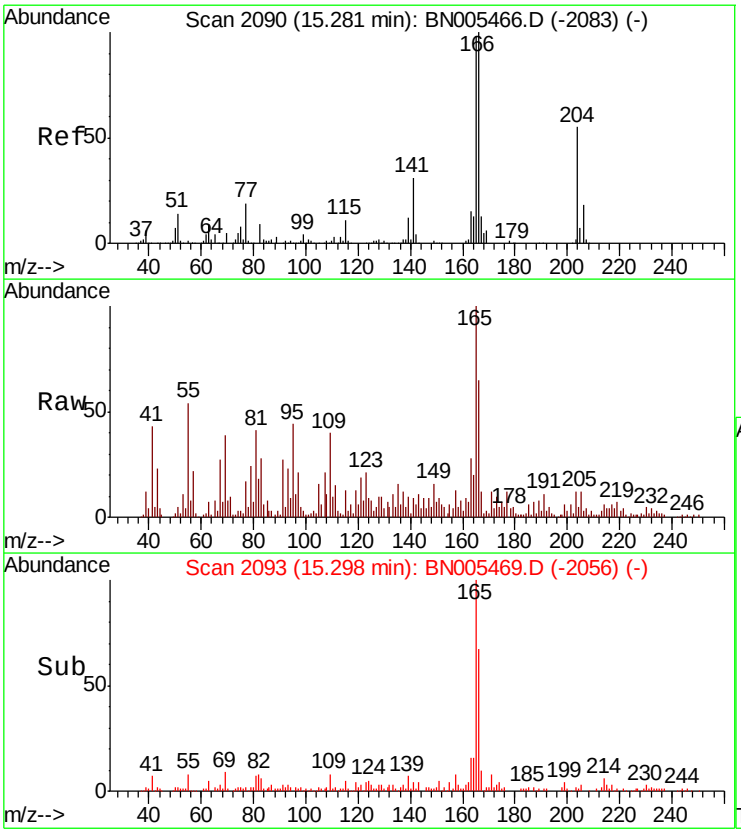
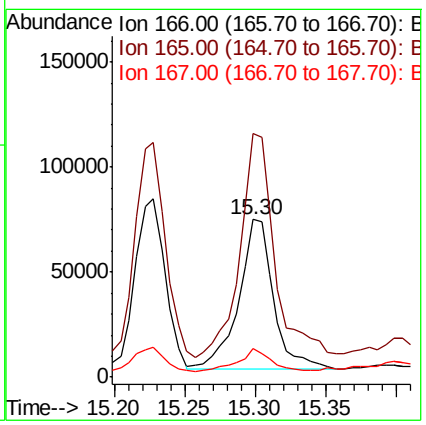
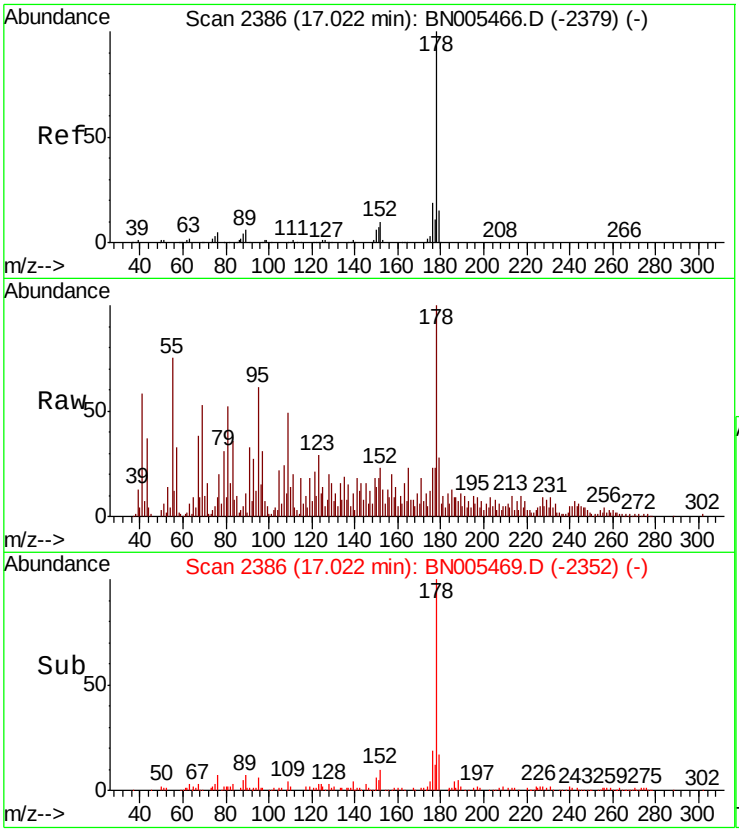


#58
Fluorene
Concen: 2.727 ng/ul
RT: 15.30 min Scan# 2093
Delta R.T. 0.02 min
Lab File: BN005469.D
Acq: 04 May 2019 01:51

Tgt Ion:166 Resp: 122358

Ion	Ratio	Lower	Upper
166	100		
165	154.6	80.0	120.0#
167	17.9	10.7	16.1#

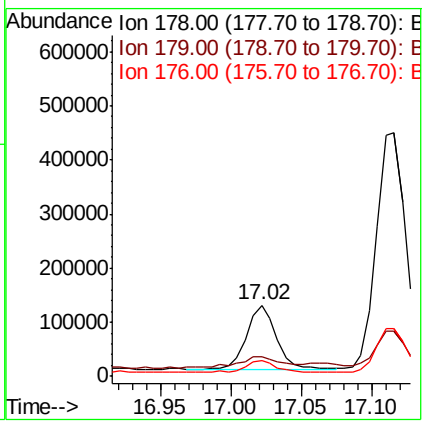




#69
Phenanthrene
Concen: 2.338 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BN005469.D
Acq: 04 May 2019 01:51

Tgt Ion:178 Resp: 174214

Ion	Ratio	Lower	Upper
178	100		
179	28.3	12.2	18.4#
176	22.7	15.1	22.7#



Instrument :
BNA_N
ClientSampleId :
GAJ66

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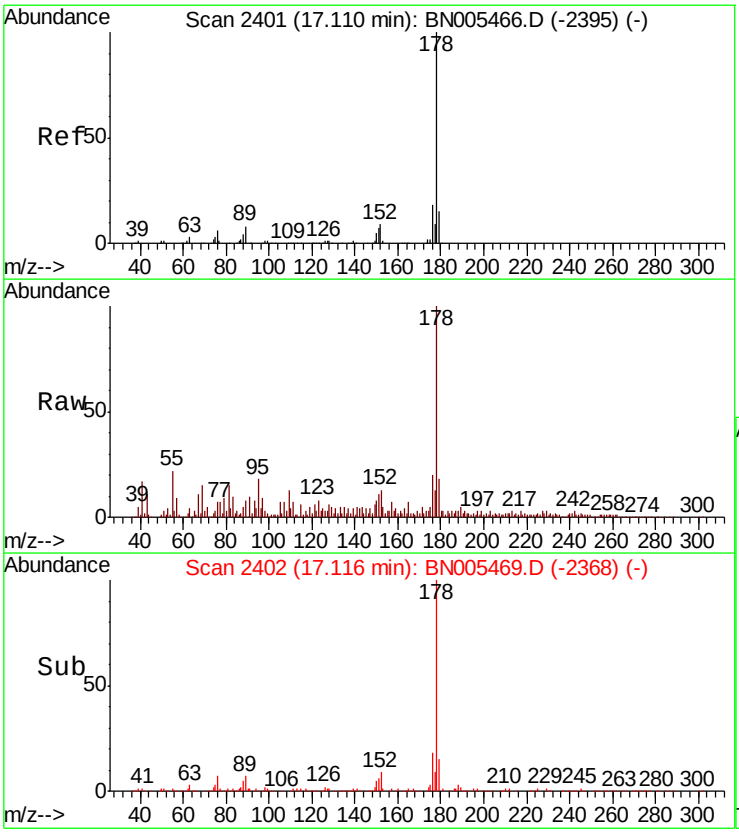
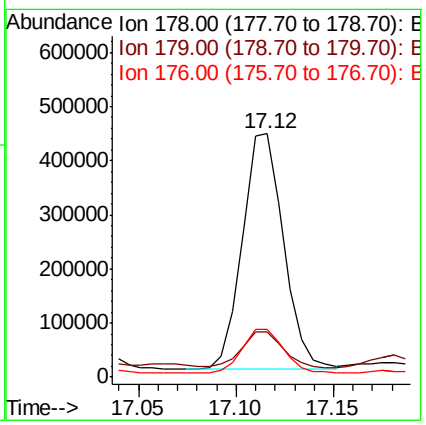
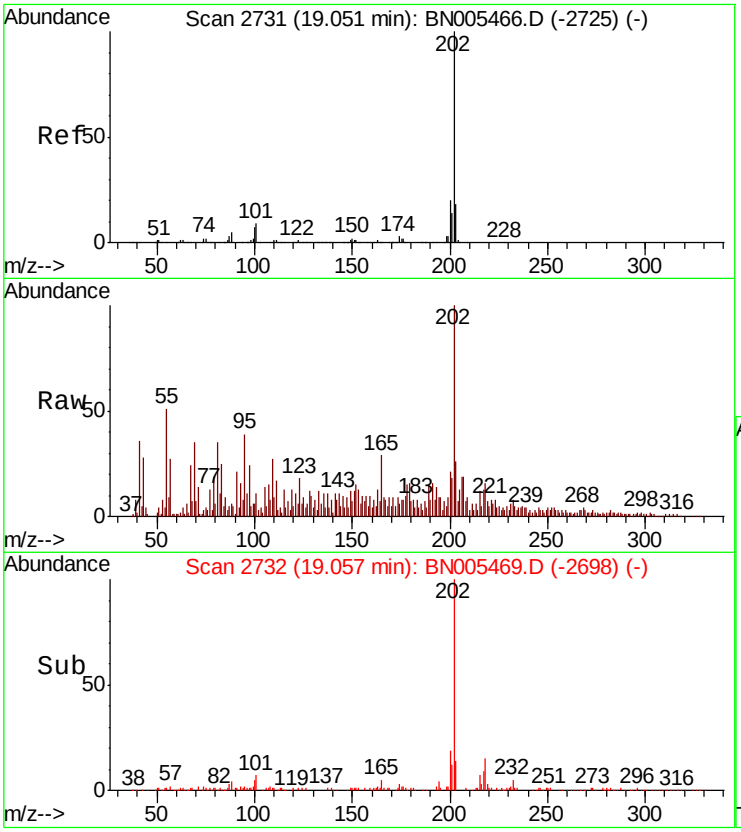


#71
Anthracene
Concen: 8.403 ng/ul
RT: 17.12 min Scan# 2402
Delta R.T. -0.00 min
Lab File: BN005469.D
Acq: 04 May 2019 01:51

Tgt Ion:178 Resp: 637713

Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.3	18.5
176	19.7	15.1	22.7





#76
Fluoranthene
Concen: 3.655 ng/ul m
RT: 19.06 min Scan# 2732
Delta R.T. -0.00 min
Lab File: BN005469.D
Acq: 04 May 2019 01:51

Tgt Ion:202 Resp: 302079

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.6	12.8
100	6.3	6.3	9.5#

Instrument :
BNA_N
ClientSampleId :
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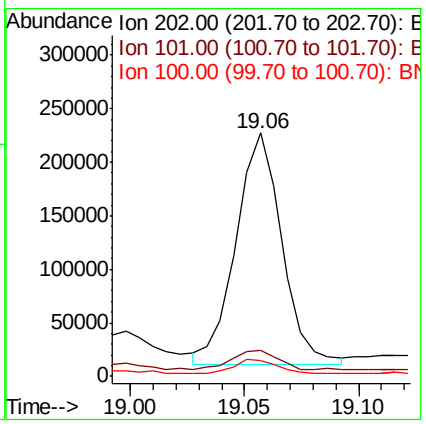
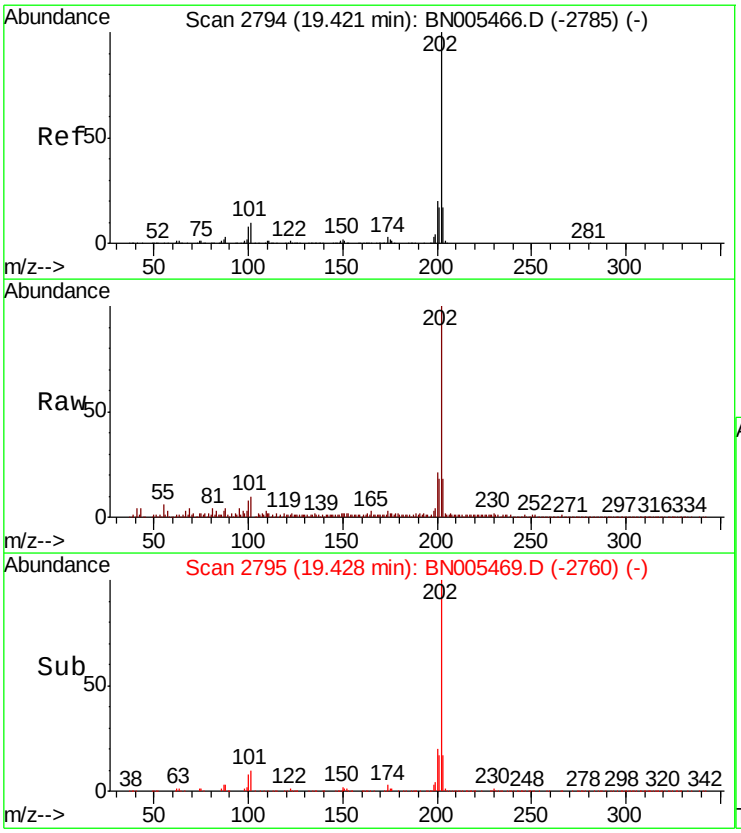
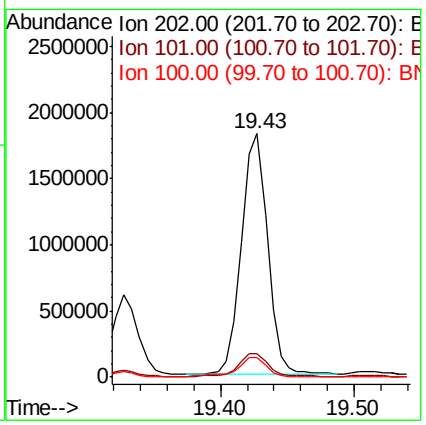


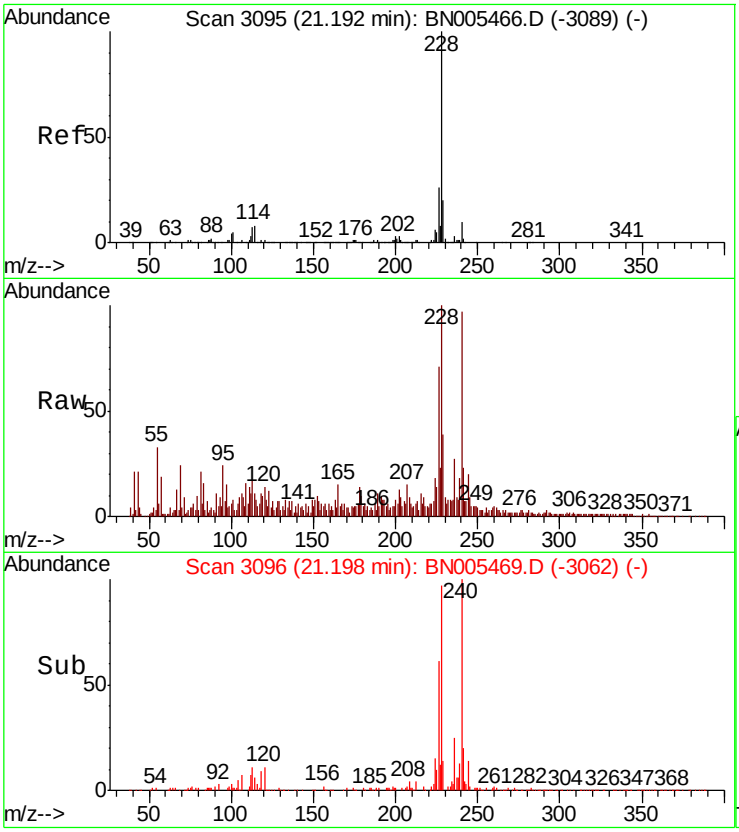


#79
Pyrene
Concen: 25.857 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.01 min
Lab File: BN005469.D
Acq: 04 May 2019 01:51

Tgt Ion:202 Resp: 2453038

Ion	Ratio	Lower	Upper
202	100		
101	9.8	10.3	15.5#
100	8.2	7.9	11.9





#82
Benzo(a)anthracene
Concen: 3.842 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN005469.D
Acq: 04 May 2019 01:51

Tgt Ion:228 Resp: 352163

Ion	Ratio	Lower	Upper
228	100		
229	38.7	15.8	23.6#
226	70.8	21.4	32.2#

Instrument :
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ClientSampleId :
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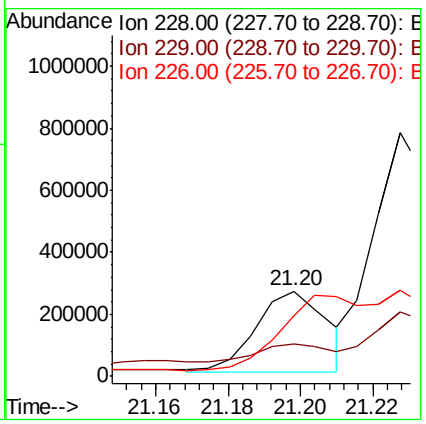
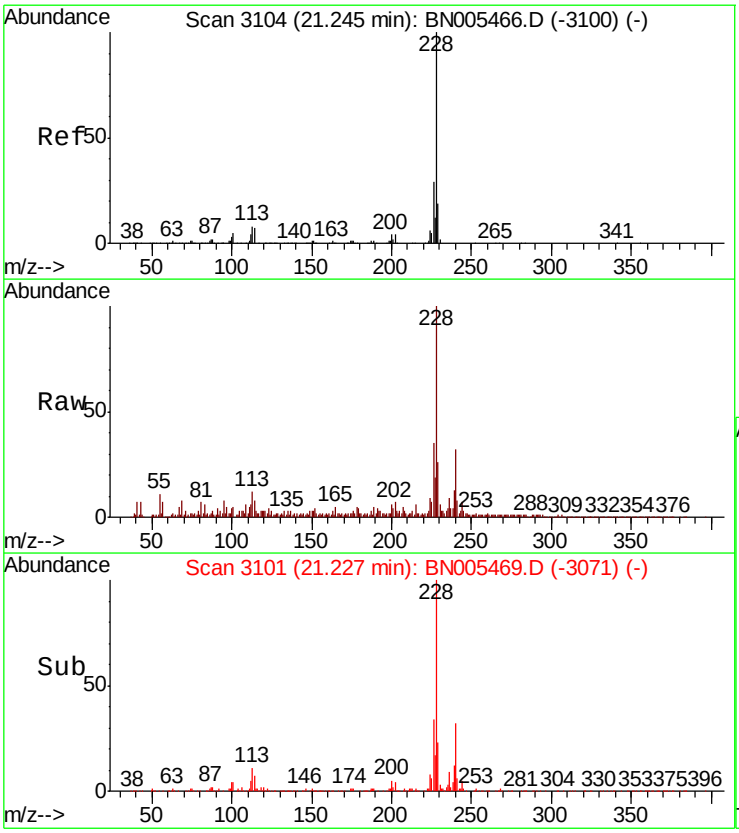
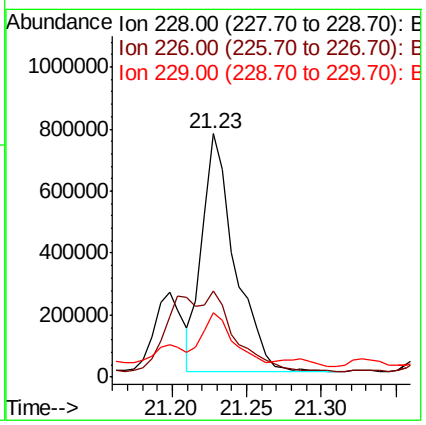


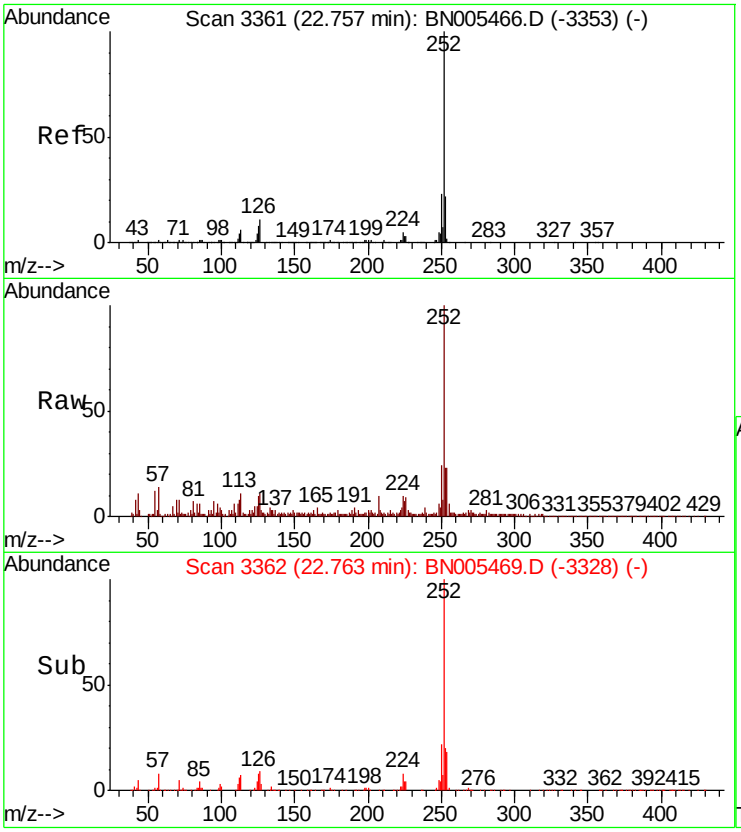


#84
Chrysene
Concen: 13.702 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BN005469.D
Acq: 04 May 2019 01:51

Tgt Ion:228 Resp: 1165613

Ion	Ratio	Lower	Upper
228	100		
226	35.5	24.0	36.0
229	26.3	15.4	23.0#

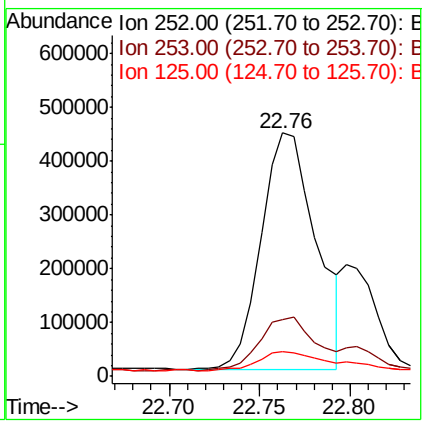




#87
Benzo(b)fluoranthene
Concen: 11.983 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.00 min
Lab File: BN005469.D
Acq: 04 May 2019 01:51

Tgt Ion:252 Resp: 933564

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	10.1	8.4	12.6



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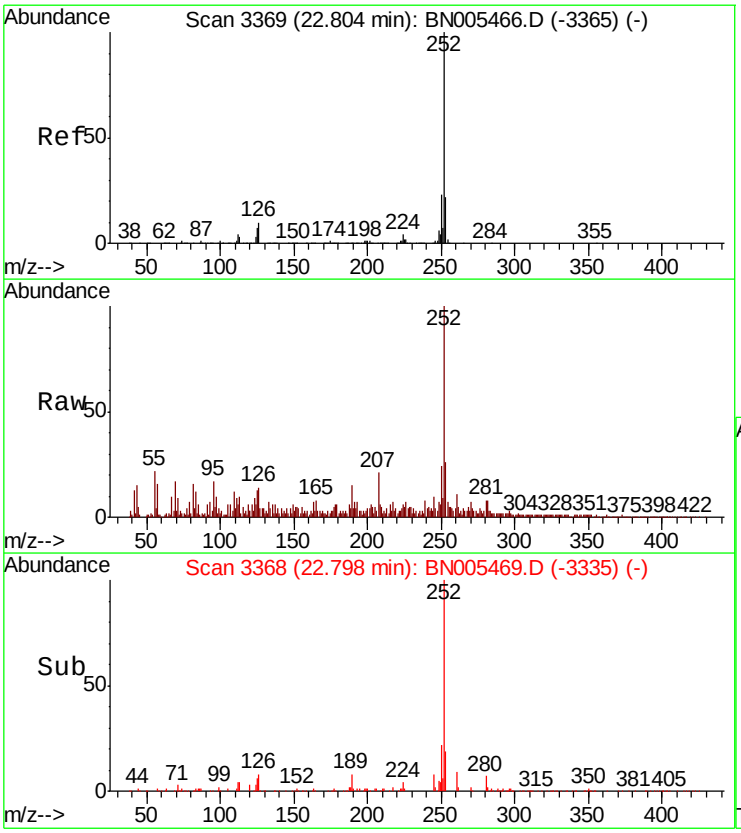
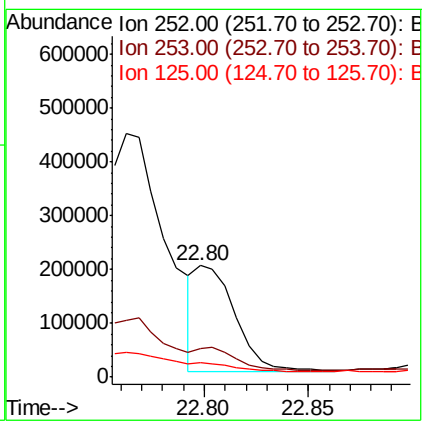
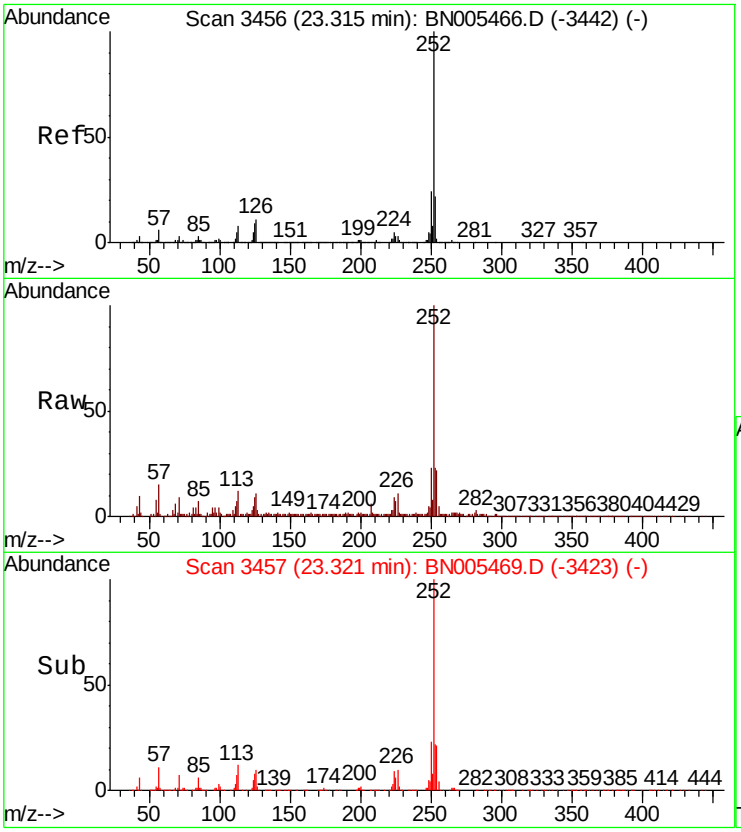


#88
Benzo(k)fluoranthene
Concen: 3.484 ng/ul m
RT: 22.80 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BN005469.D
Acq: 04 May 2019 01:51

Tgt Ion:252 Resp: 259247

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.4	26.0
125	13.1	7.5	11.3#

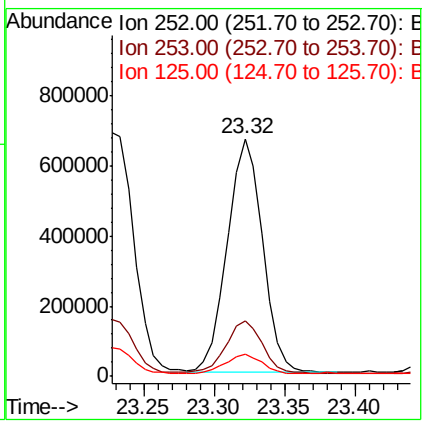




#90
Benzo(a)pyrene
Concen: 15.921 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. -0.00 min
Lab File: BN005469.D
Acq: 04 May 2019 01:51

Tgt Ion:252 Resp: 1165905

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	9.5	8.6	13.0



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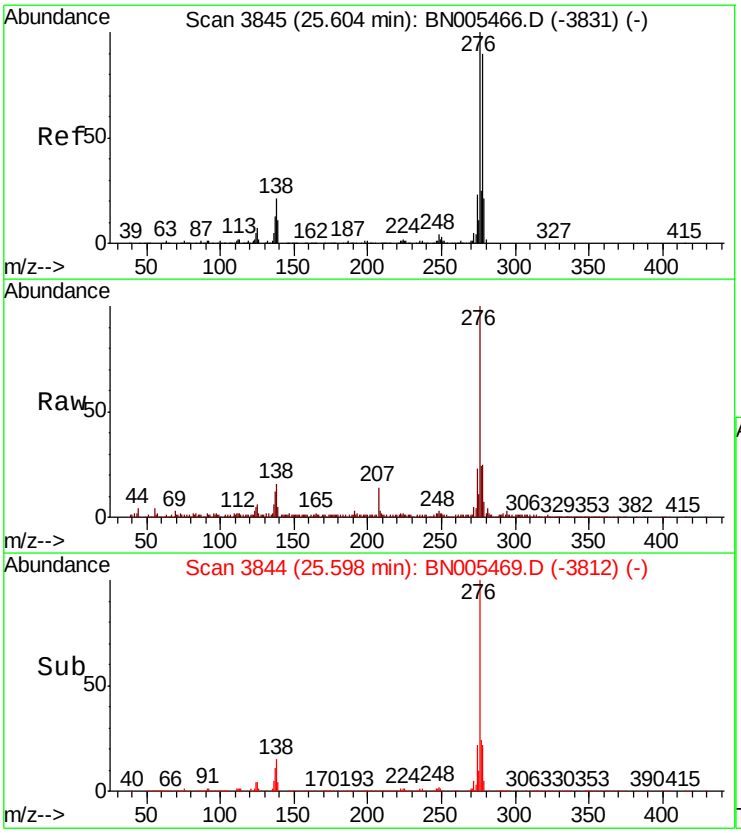
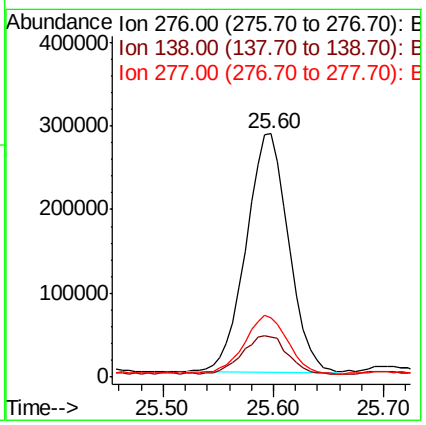
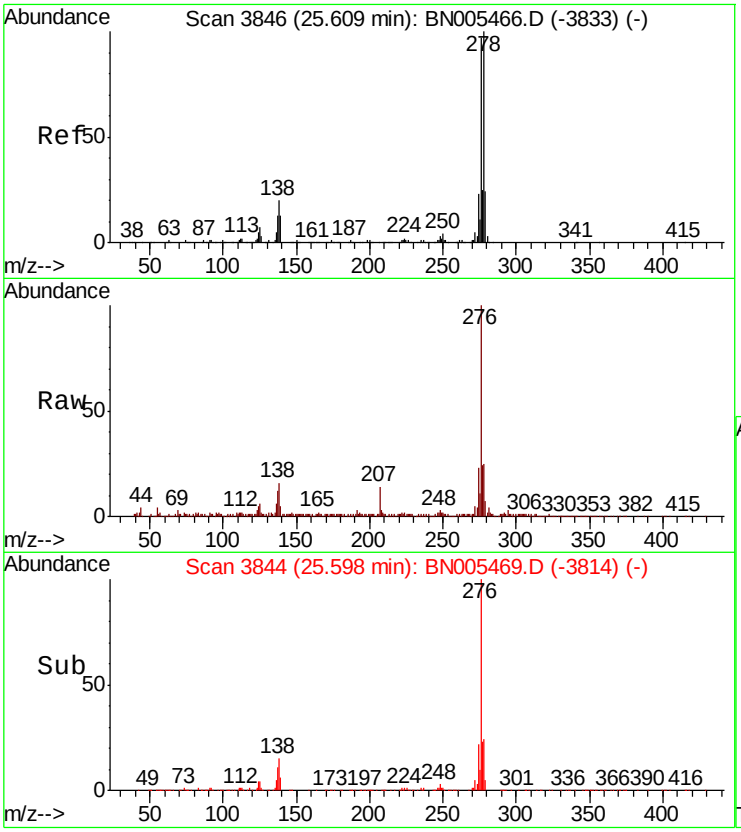


#91
Indeno(1,2,3-cd)pyrene
Concen: 9.527 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BN005469.D
Acq: 04 May 2019 01:51

Tgt Ion:276 Resp: 771332

Ion	Ratio	Lower	Upper
276	100		
138	21.7	17.9	26.9
277	24.2	19.7	29.5





#92
Dibenzo(a,h)anthracene
Concen: 3.369 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.02 min
Lab File: BN005469.D
Acq: 04 May 2019 01:51

Tgt Ion:278 Resp: 231463

Ion	Ratio	Lower	Upper
278	100		
139	21.4	13.1	19.7#
279	29.0	19.4	29.0#

Instrument :
BNA_N
ClientSampleId :
GAJ66

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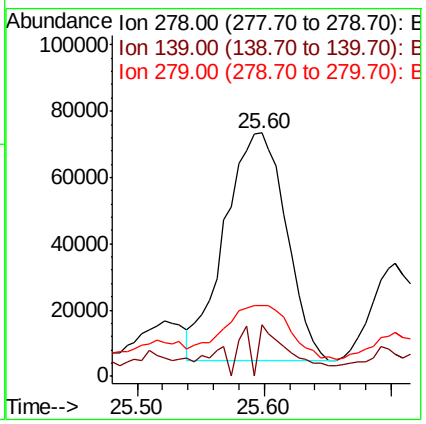
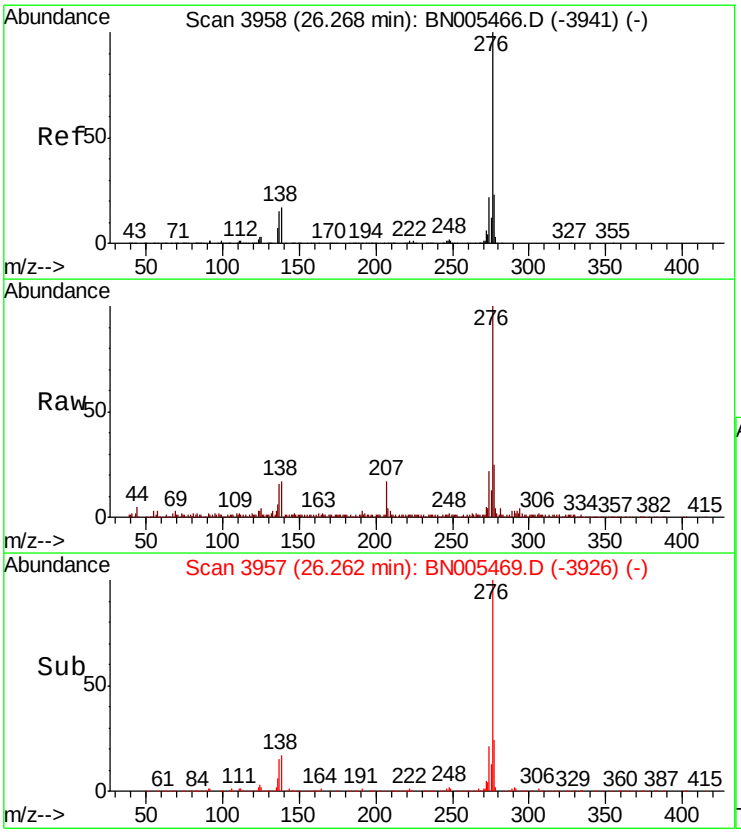
5/7/2019 8:21:35 AM





#93
Benzo(g,h,i)perylene
Concen: 9.892 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. -0.02 min
Lab File: BN005469.D
Acq: 04 May 2019 01:51

Tgt Ion:276 Resp: 662232

Ion	Ratio	Lower	Upper
276	100		
138	17.4	16.7	25.1
277	24.7	18.2	27.2