Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005549.D
Acq On : 09 May 2019 01:12
Operator : JU/SJ
Sample : K2604-10 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ84

Manual Integrations APPROVED
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Quant Time: May 09 06:00:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	344866	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1497350	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	918623	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2022978	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1377654	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1484212	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	2005m	0.28	ng/uL	0.00
5) Phenol-d5	6.78	99	47647	1.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	29295	1.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	41408	2.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	40006	1.89	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	22167	2.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	21356	2.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	44360m	2.07	ng/ul	0.02
29) 4-Chloroaniline-d4	10.51	131	37445m	1.70	ng/ul	0.02
43) Dimethylphthalate-d6	13.64	166	155173	2.33	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	189222	2.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	13046m	1.24	ng/ul	0.03
57) Fluorene-d10	15.22	176	137840	2.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	4372m	0.48	ng/ul	0.02
70) Anthracene-d10	17.08	188	203242	2.40	ng/ul	0.00
78) Pyrene-d10	19.39	212	197298	2.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	149531	2.31	ng/ul	0.00
Target Compounds						Qvalue
34) 2-Methylnaphthalene	12.02	142	62692	1.230	ng/ul	96
47) Acenaphthylene	13.94	152	1891380	23.498	ng/ul	99
49) Acenaphthene	14.29	153	212718	3.871	ng/ul	99
58) Fluorene	15.28	166	1236388	20.028	ng/ul	98
69) Phenanthrene	17.03	178	7869097	79.871	ng/ul	99
71) Anthracene	17.12	178	3438726	34.262	ng/ul	99
76) Fluoranthene	19.06	202	9024394	82.581	ng/ul	97
79) Pyrene	19.43	202	12655033	142.668	ng/ul	97
82) Benzo(a)anthracene	21.20	228	3963968m	46.252	ng/ul	
84) Chrysene	21.25	228	3507978	44.102	ng/ul	97
87) Benzo(b)fluoranthene	22.77	252	2633530	31.565	ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	903993m	11.345	ng/ul	
90) Benzo(a)pyrene	23.33	252	2817082m	35.922	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.60	276	1247777	14.391	ng/ul#	94
92) Dibenzo(a,h)anthracene	25.59	278	374950m	5.096	ng/ul	
93) Benzo(g,h,i)perylene	26.27	276	1238851	17.280	ng/ul#	93

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

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Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAJ84

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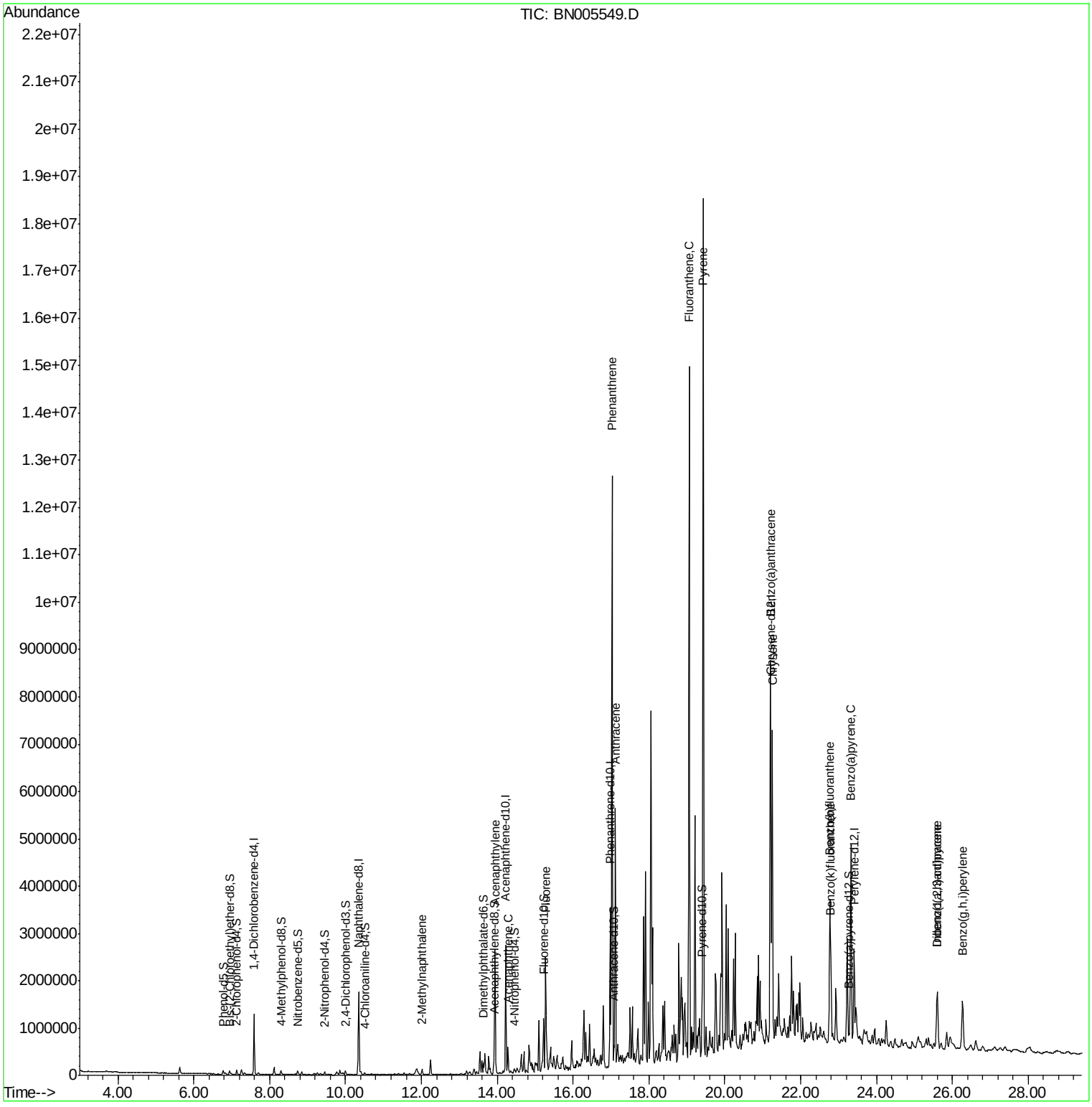

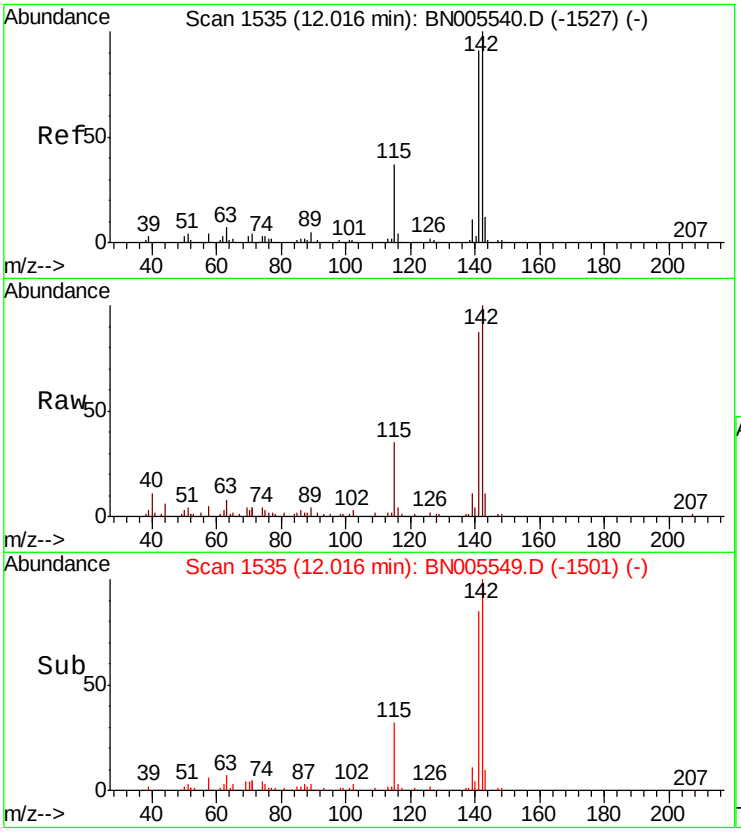

#34
2-Methylnaphthalene
Concen: 1.230 ng/ul
RT: 12.02 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BN005549.D
Acq: 09 May 2019 01:12

Tgt Ion:142 Resp: 62692

Ion	Ratio	Lower	Upper
142	100		
141	86.6	72.0	108.0

Instrument :
BNA_N
ClientSampleId :
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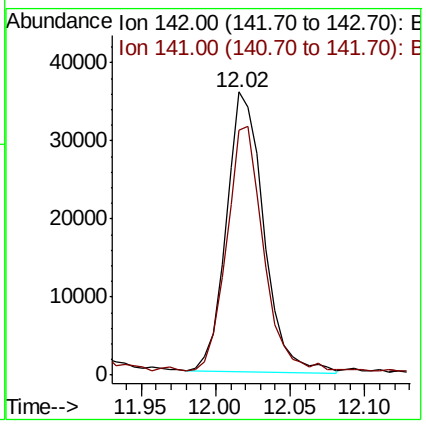
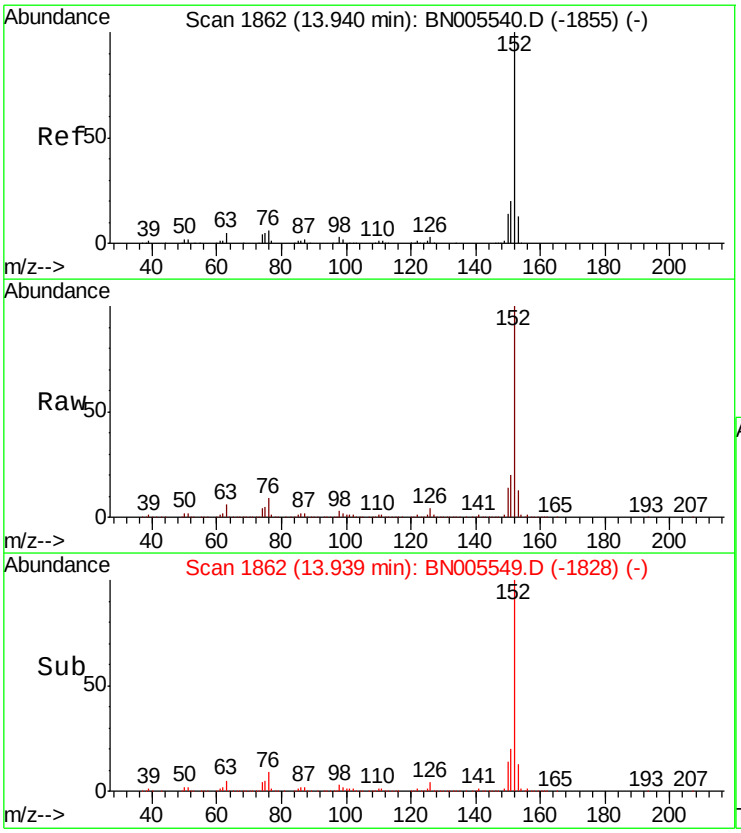
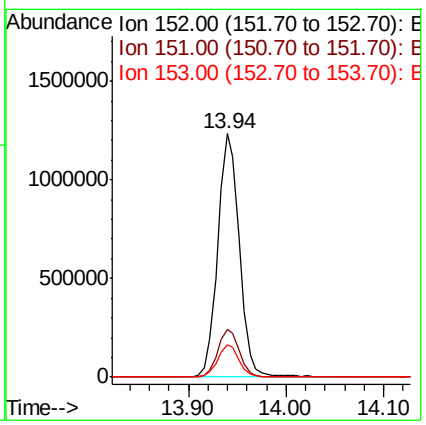


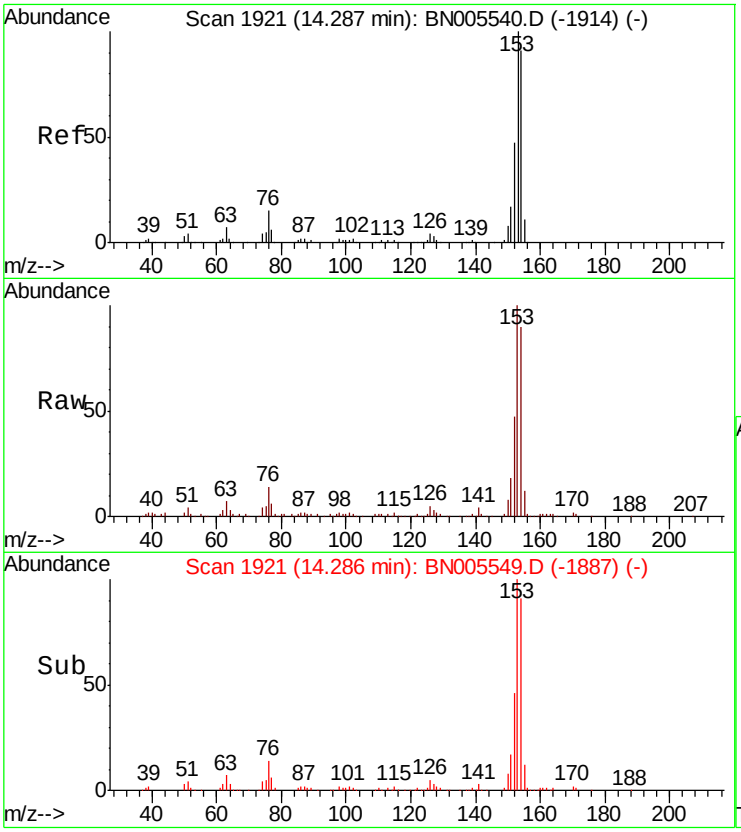


#47
Acenaphthylene
Concen: 23.498 ng/ul
RT: 13.94 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BN005549.D
Acq: 09 May 2019 01:12

Tgt Ion:152 Resp: 1891380

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.2	9.8	14.8

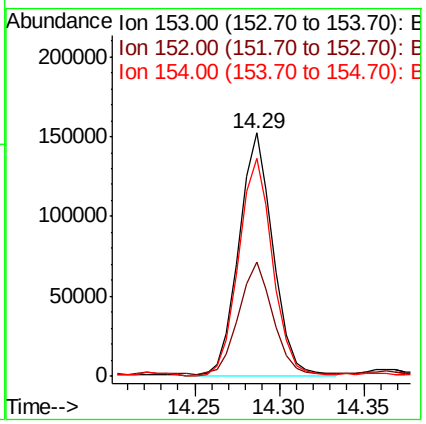




#49
Acenaphthene
Concen: 3.871 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BN005549.D
Acq: 09 May 2019 01:12

Tgt Ion:153 Resp: 212718

Ion	Ratio	Lower	Upper
153	100		
152	47.1	37.4	56.0
154	89.7	71.2	106.8



Instrument :
BNA_N
ClientSampleId :
GAJ84

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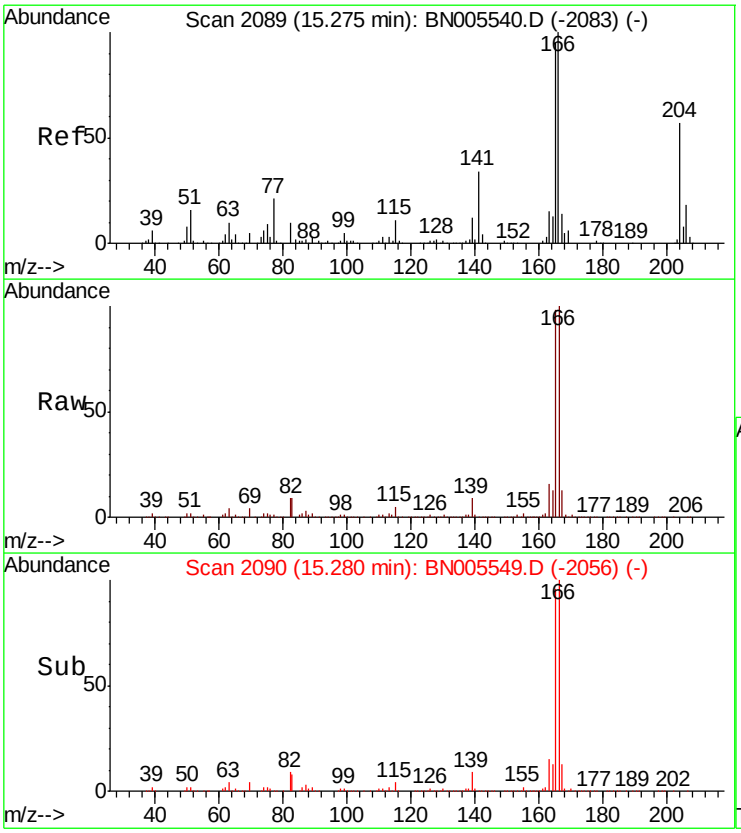
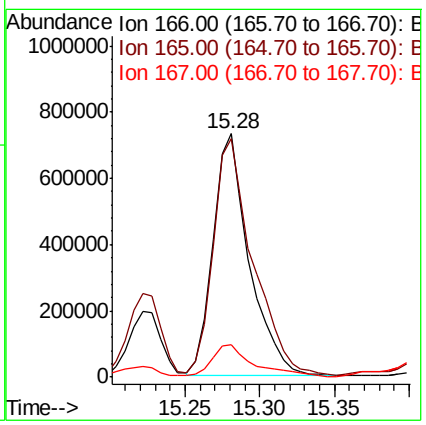
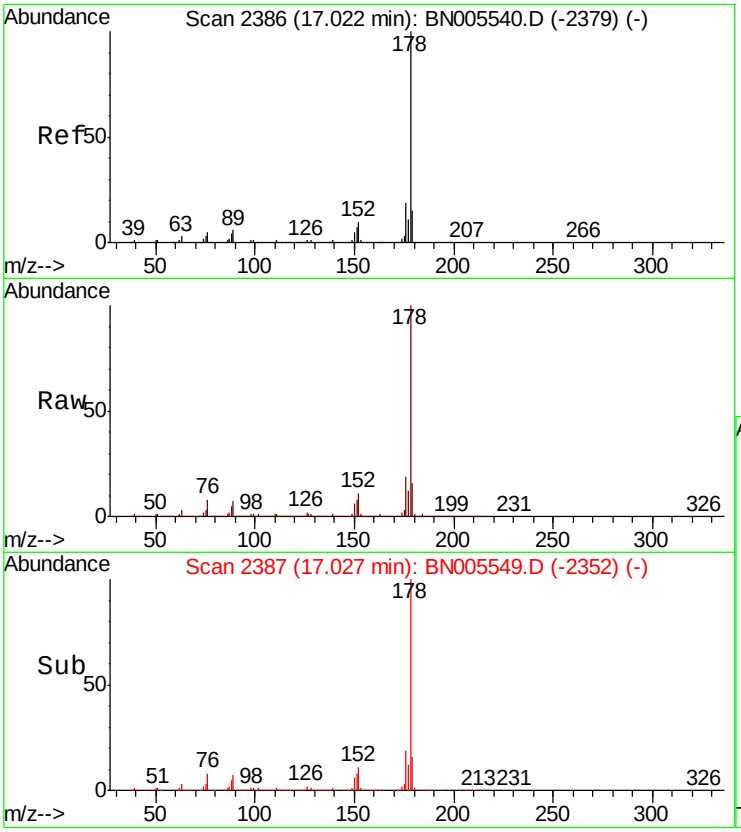


#58
Fluorene
Concen: 20.028 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BN005549.D
Acq: 09 May 2019 01:12

Tgt Ion:166 Resp: 1236388

Ion	Ratio	Lower	Upper
166	100		
165	98.1	80.0	120.0
167	13.5	10.7	16.1

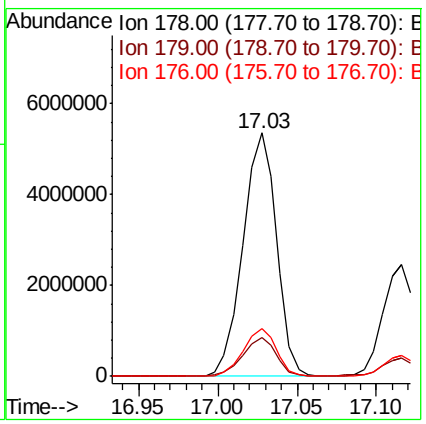




#69
Phenanthrene
Concen: 79.871 ng/ul
RT: 17.03 min Scan# 2387
Delta R.T. 0.01 min
Lab File: BN005549.D
Acq: 09 May 2019 01:12

Tgt Ion:178 Resp: 7869097

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.4
176	19.5	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
GAJ84

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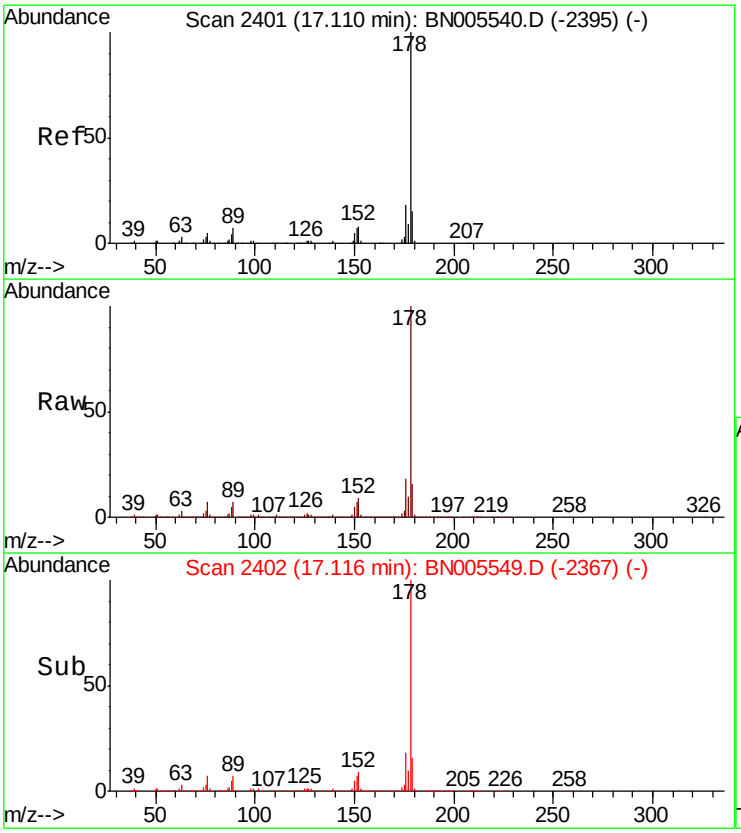
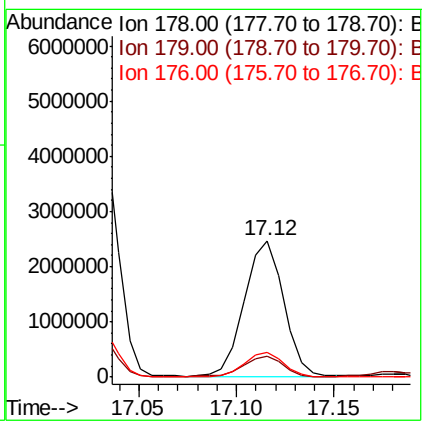
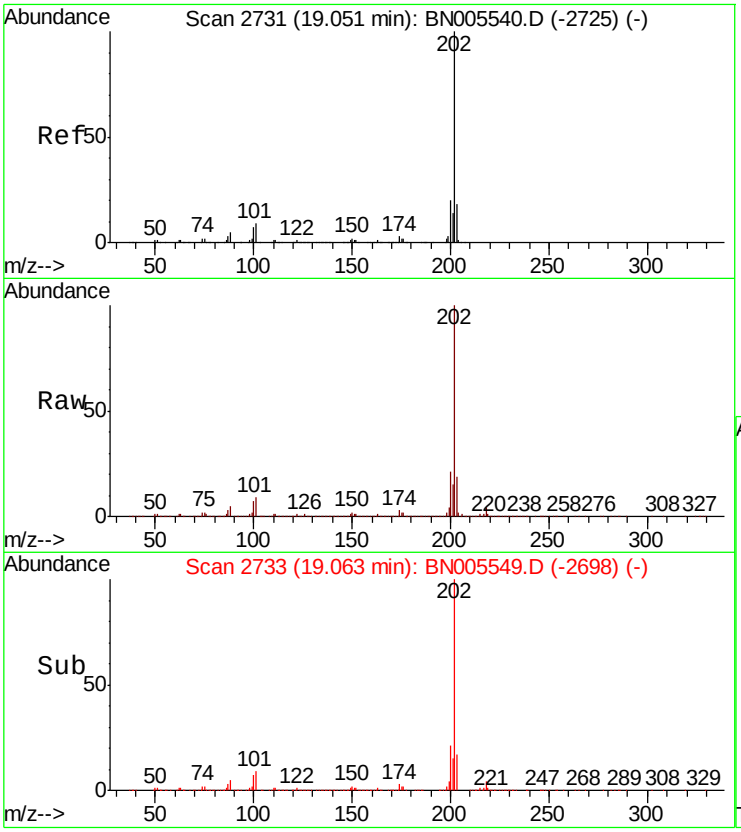


#71
Anthracene
Concen: 34.262 ng/ul
RT: 17.12 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BN005549.D
Acq: 09 May 2019 01:12

Tgt Ion:178 Resp: 3438726

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.3	15.1	22.7

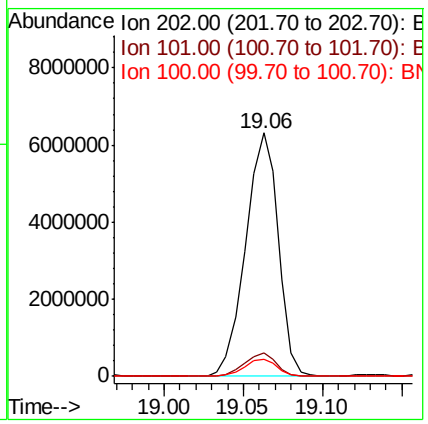




#76
Fluoranthene
Concen: 82.581 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. 0.01 min
Lab File: BN005549.D
Acq: 09 May 2019 01:12

Tgt Ion:202 Resp: 9024394

Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.6	12.8
100	7.1	6.3	9.5



Instrument :
BNA_N
ClientSampleId :
GAJ84

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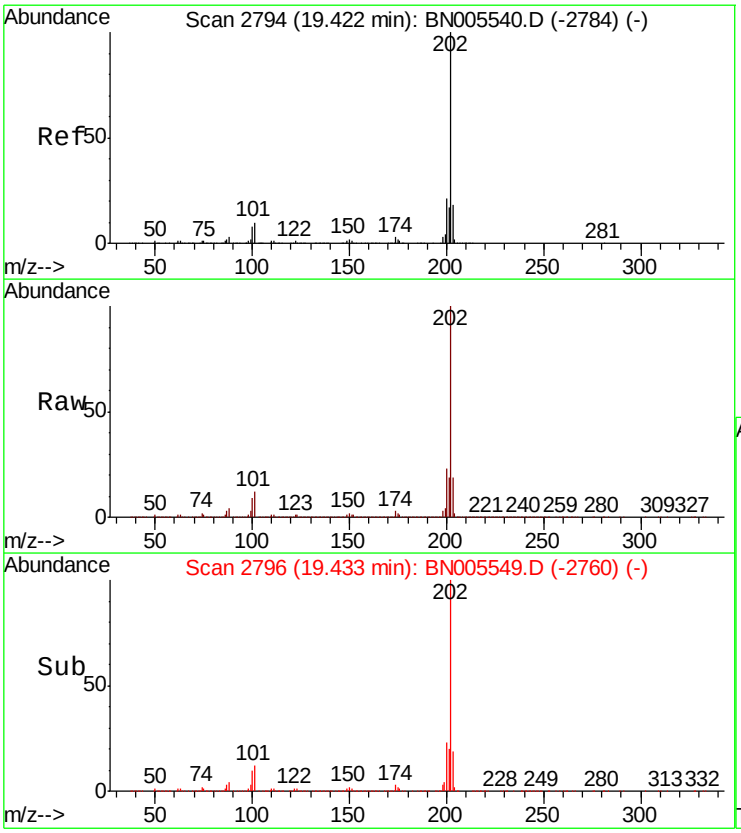
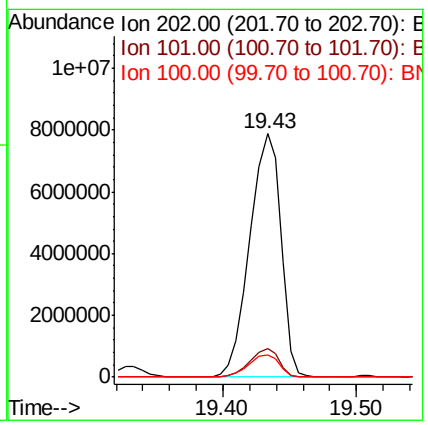
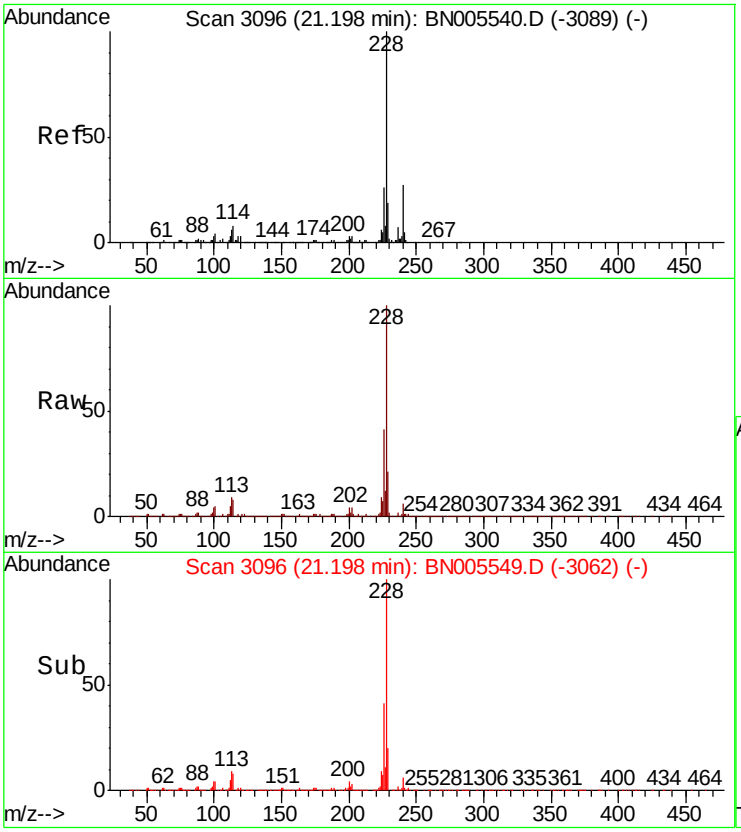


#79
Pyrene
Concen: 142.668 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BN005549.D
Acq: 09 May 2019 01:12

Tgt Ion:202 Resp:12655033

Ion	Ratio	Lower	Upper
202	100		
101	11.5	10.3	15.5
100	9.3	7.9	11.9





#82
Benzo(a)anthracene
Concen: 46.252 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN005549.D
Acq: 09 May 2019 01:12

Tgt Ion:228 Resp: 3963968

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.6
226	41.4	21.4	32.2#

Instrument :
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ClientSampleId :
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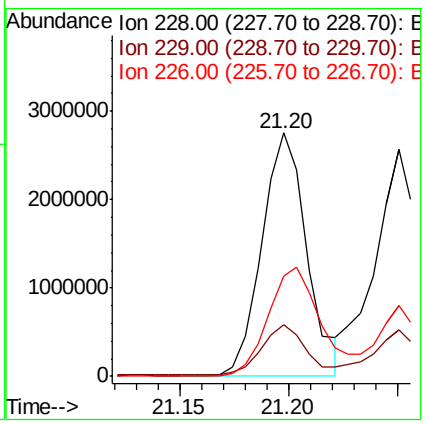
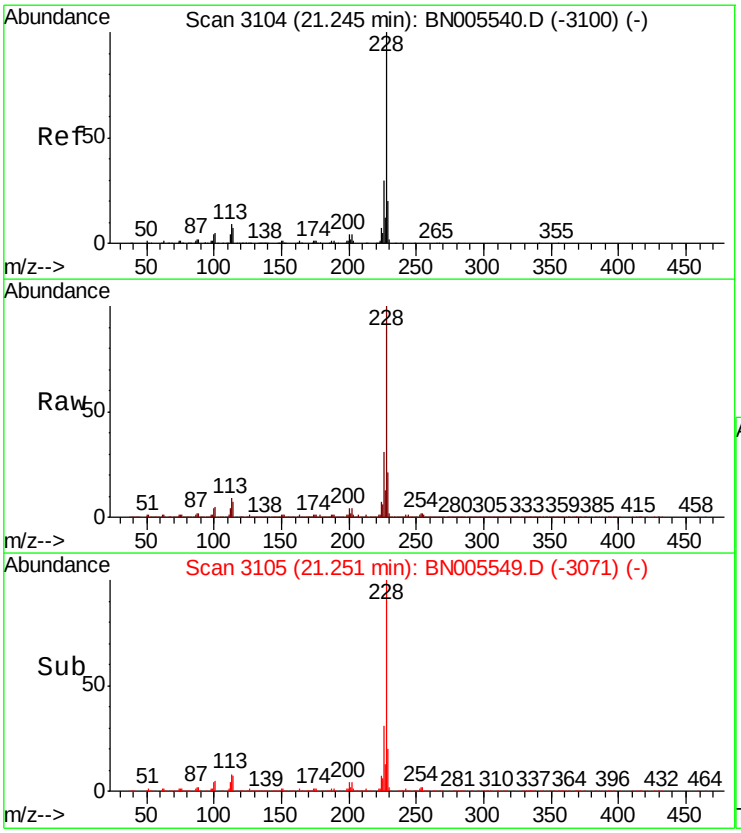
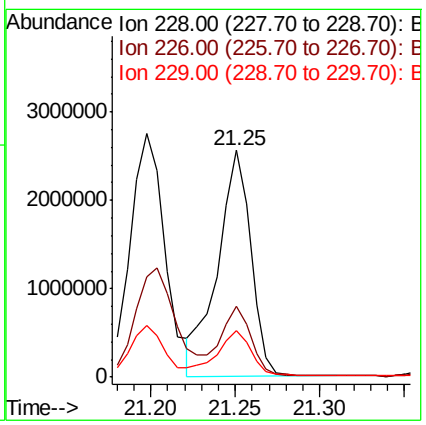


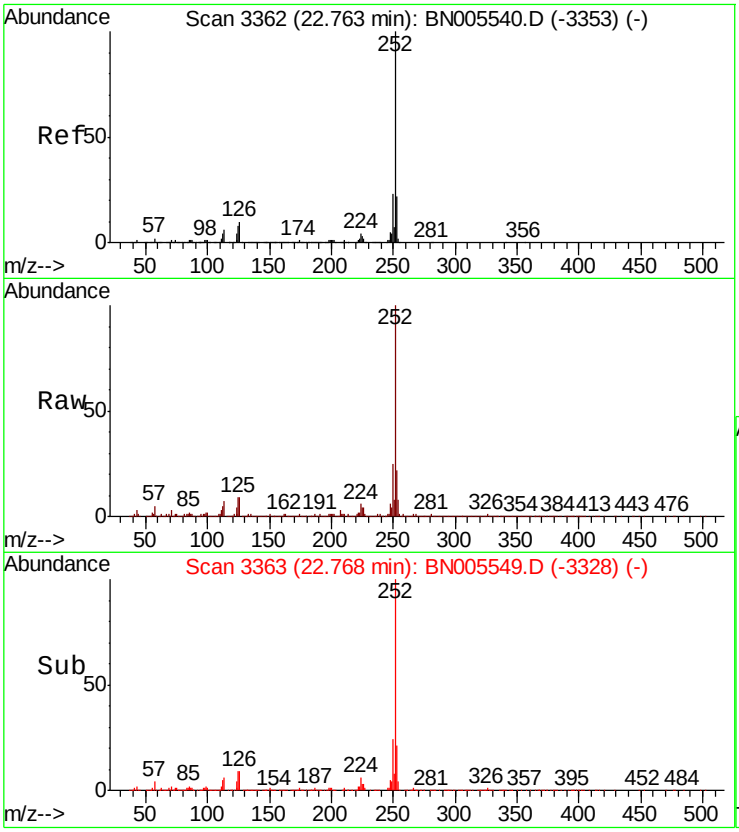


#84
Chrysene
Concen: 44.102 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN005549.D
Acq: 09 May 2019 01:12

Tgt Ion:228 Resp: 3507978

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	20.7	15.4	23.0

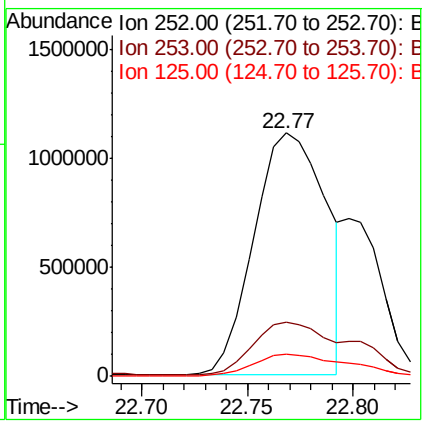




#87
Benzo(b)fluoranthene
Concen: 31.565 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BN005549.D
Acq: 09 May 2019 01:12

Tgt Ion:252 Resp: 2633530

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	9.1	8.4	12.6



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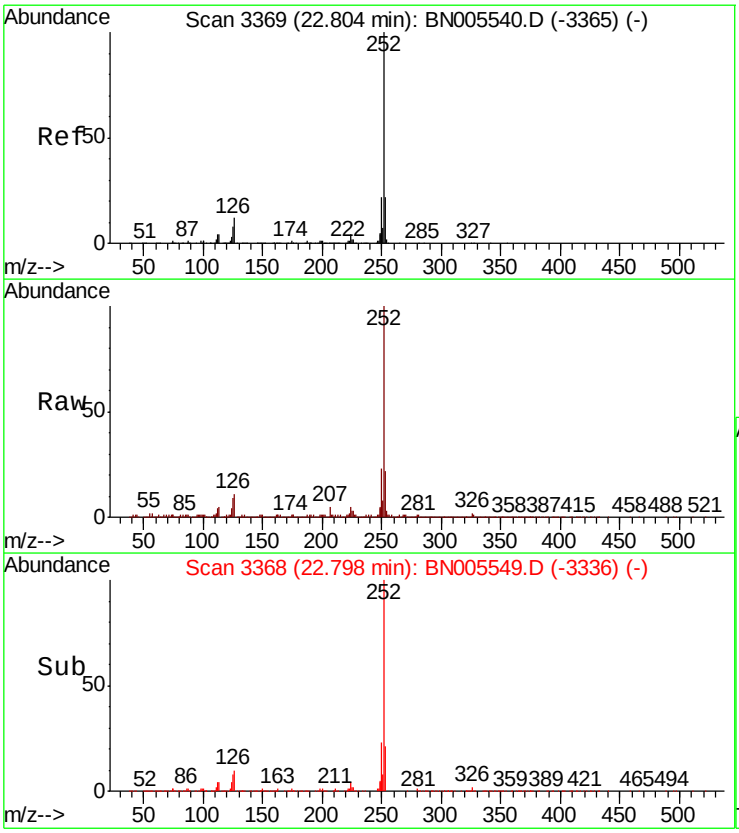
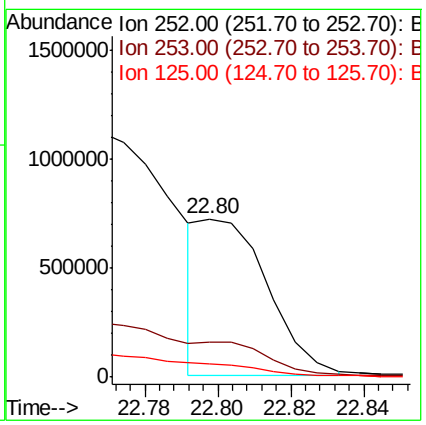
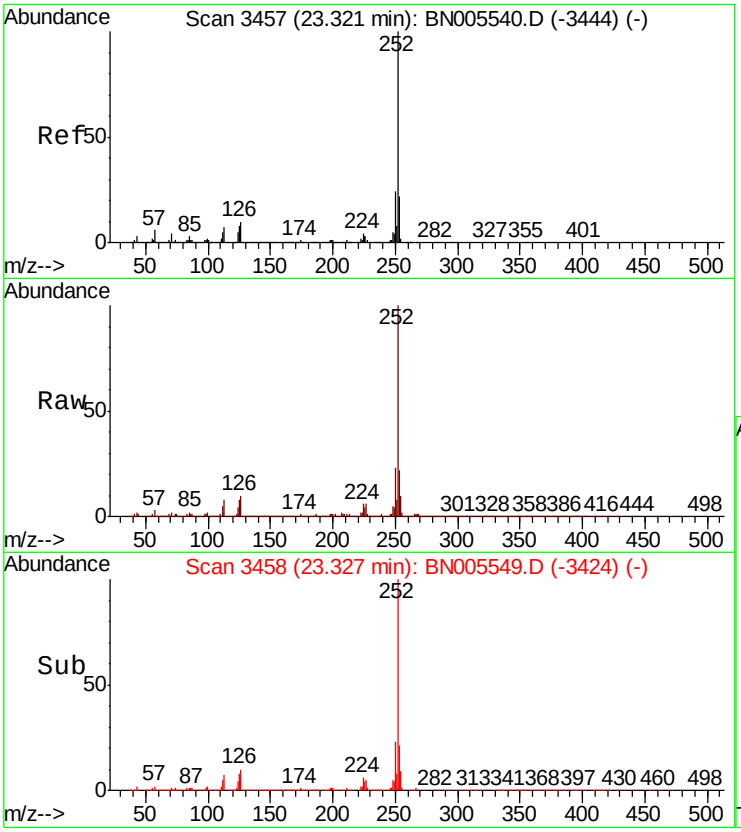


#88
Benzo(k)fluoranthene
Concen: 11.345 ng/ul m
RT: 22.80 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BN005549.D
Acq: 09 May 2019 01:12

Tgt Ion:252 Resp: 903993

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	8.6	7.5	11.3





#90
Benzo(a)pyrene
Concen: 35.922 ng/ul m
RT: 23.33 min Scan# 3458
Delta R.T. -0.00 min
Lab File: BN005549.D
Acq: 09 May 2019 01:12

Tgt Ion:252 Resp: 2817082

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	8.1	8.6	13.0#

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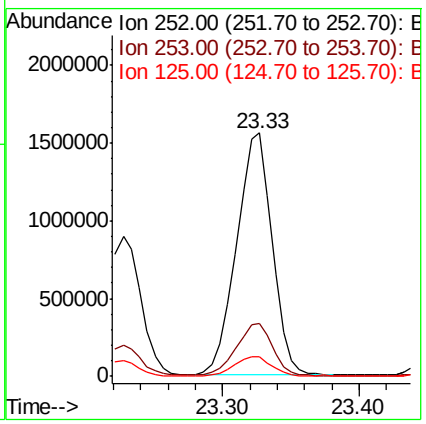
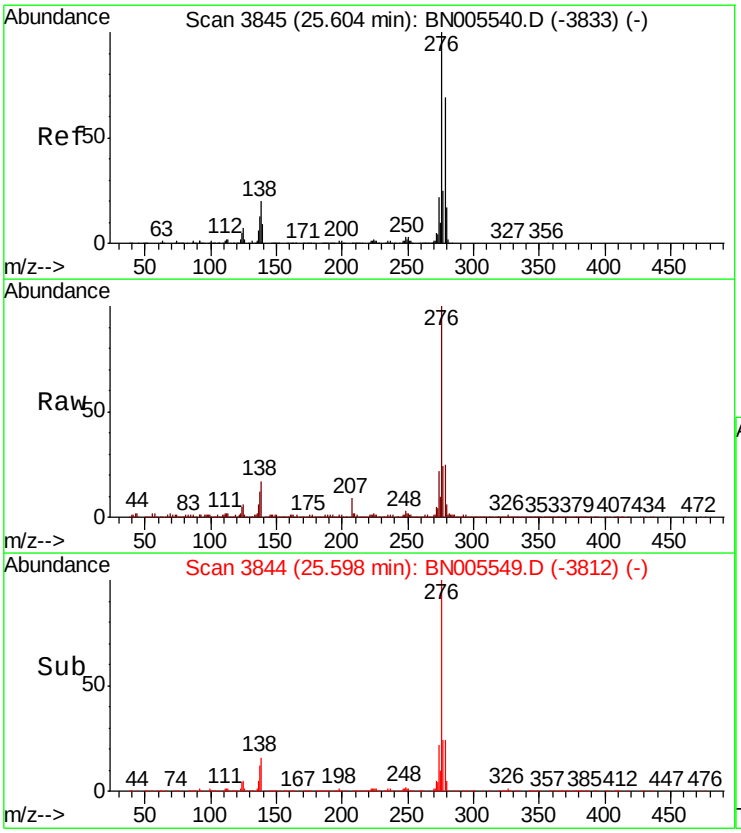
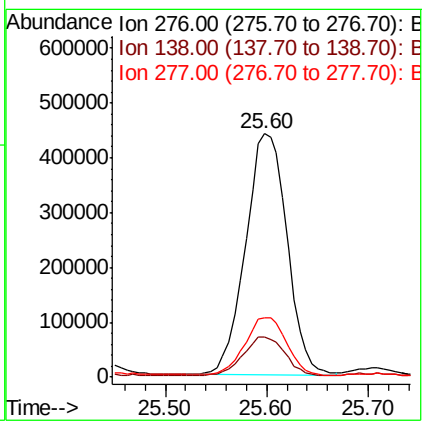


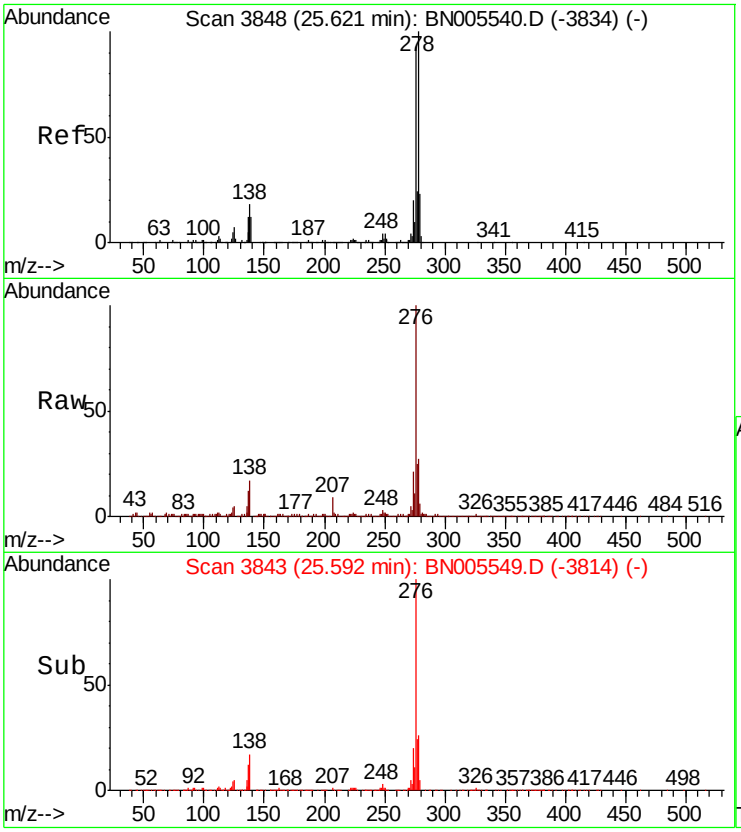


#91
Indeno(1,2,3-cd)pyrene
Concen: 14.391 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BN005549.D
Acq: 09 May 2019 01:12

Tgt Ion:276 Resp: 1247777

Ion	Ratio	Lower	Upper
276	100		
138	16.6	17.9	26.9#
277	24.3	19.7	29.5

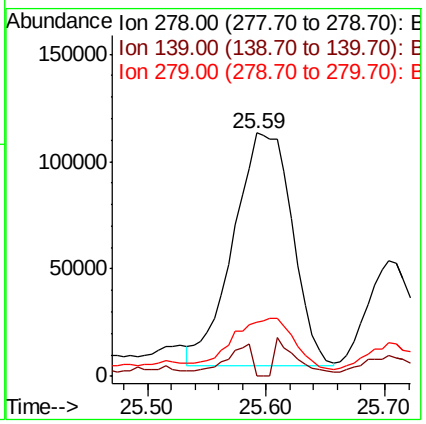




#92
Dibenzo(a,h)anthracene
Concen: 5.096 ng/ul m
RT: 25.59 min Scan# 3843
Delta R.T. -0.03 min
Lab File: BN005549.D
Acq: 09 May 2019 01:12

Tgt Ion:278 Resp: 374950

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.1	19.7#
279	22.3	19.4	29.0



Instrument :
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ClientSampleId :
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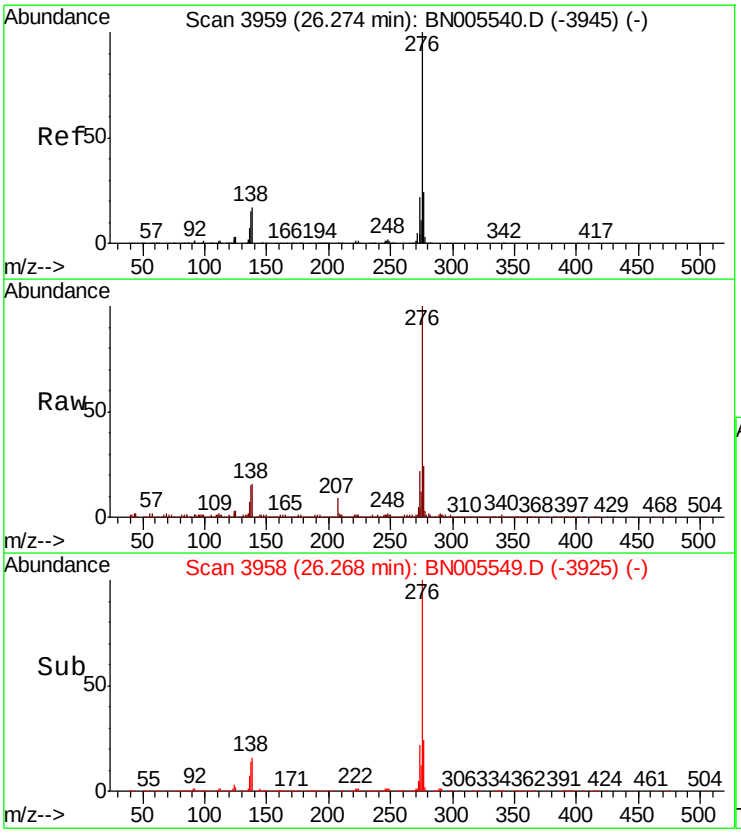
Sohil
5/9/2019 2:35:34 PM



#93
Benzo(g,h,i)perylene
Concen: 17.280 ng/ul
RT: 26.27 min Scan# 3958
Delta R.T. -0.01 min
Lab File: BN005549.D
Acq: 09 May 2019 01:12

Tgt Ion:276 Resp: 1238851

Ion	Ratio	Lower	Upper
276	100		
138	16.3	16.7	25.1#
277	24.5	18.2	27.2