Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005581.D
Acq On : 10 May 2019 00:01
Operator : JU/SJ
Sample : K2603-16MEDL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ68MEDL

Manual Integrations APPROVED
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Quant Time: May 10 03:49:54 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	331835	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1398885	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	814728	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1757321	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1180012	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	1213936	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	3473	0.51	ng/uL	0.00
5) Phenol-d5	6.77	99	64987	2.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	41342	2.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	56136	2.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	40330	1.98	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	29894	3.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	28973	3.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	53963	2.70	ng/ul	0.02
29) 4-Chloroaniline-d4	10.50	131	52496	2.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	196231	3.32	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	242916	3.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	5686m	0.61	ng/ul	0.04
57) Fluorene-d10	15.23	176	173514	3.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	3846m	0.49	ng/ul	0.03
70) Anthracene-d10	17.08	188	267692	3.63	ng/ul	0.00
78) Pyrene-d10	19.39	212	244117	4.04	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	170590	3.22	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.40	128	3349428	51.504	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	2395069	50.299	ng/ul	98
40) 1,1'-Biphenyl	13.05	154	194455	3.203	ng/ul	97
47) Acenaphthylene	13.95	152	833200	11.672	ng/ul#	97
49) Acenaphthene	14.29	153	99384	2.039	ng/ul	96
53) Dibenzofuran	14.63	168	95739	1.364	ng/ul	90
58) Fluorene	15.28	166	478873	8.746	ng/ul	97
69) Phenanthrene	17.03	178	2074791	24.243	ng/ul	99
71) Anthracene	17.12	178	430774	4.941	ng/ul	99
76) Fluoranthene	19.06	202	403495	4.250	ng/ul	96
79) Pyrene	19.42	202	561996	7.397	ng/ul#	94
82) Benzo(a)anthracene	21.20	228	151543	2.064	ng/ul	96
84) Chrysene	21.25	228	136321	2.001	ng/ul	96
87) Benzo(b)fluoranthene	22.77	252	73814m	1.082	ng/ul	
90) Benzo(a)pyrene	23.33	252	85052	1.326	ng/ul#	89

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

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Instrument :
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Manual Integrations APPROVED
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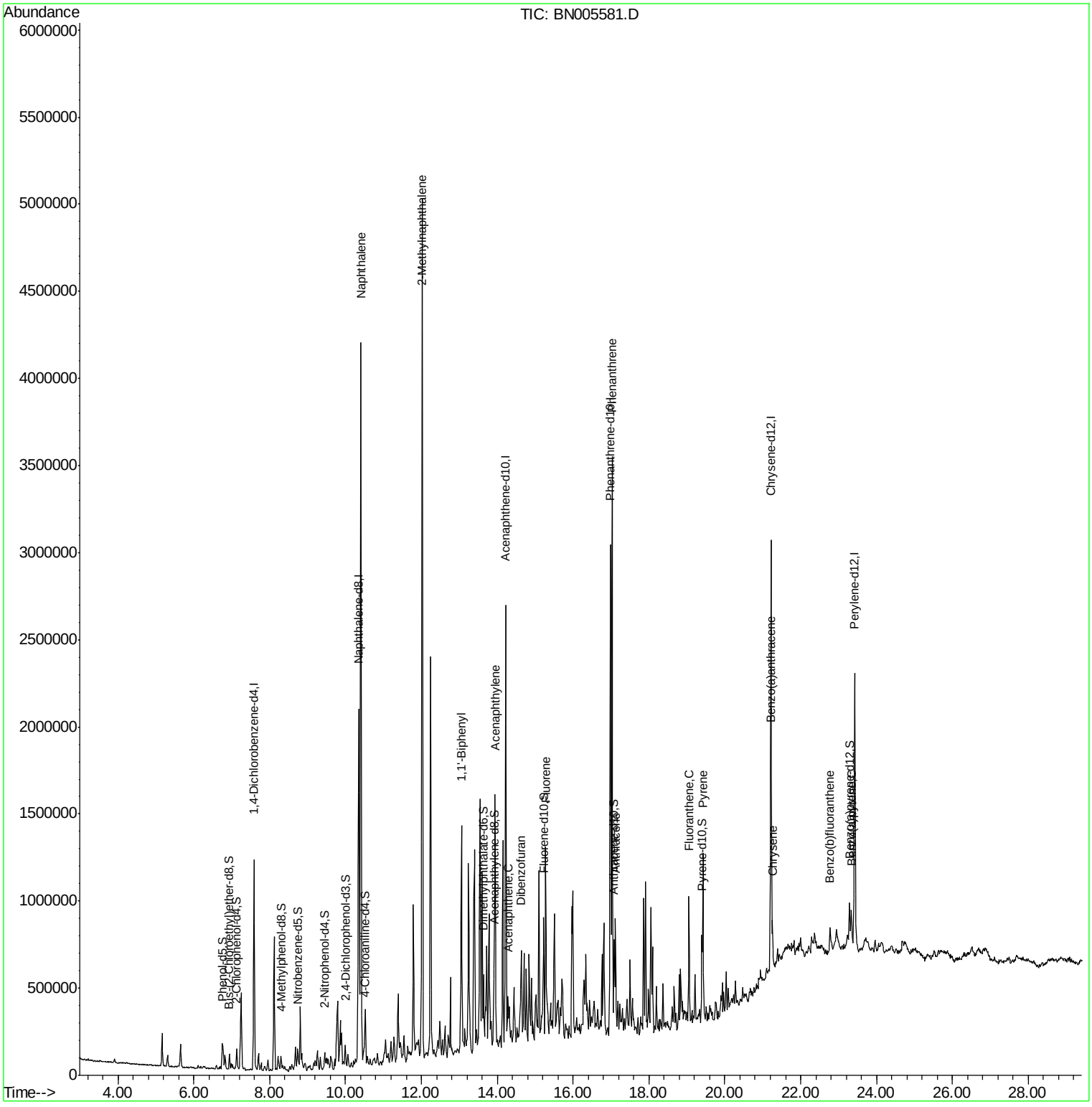
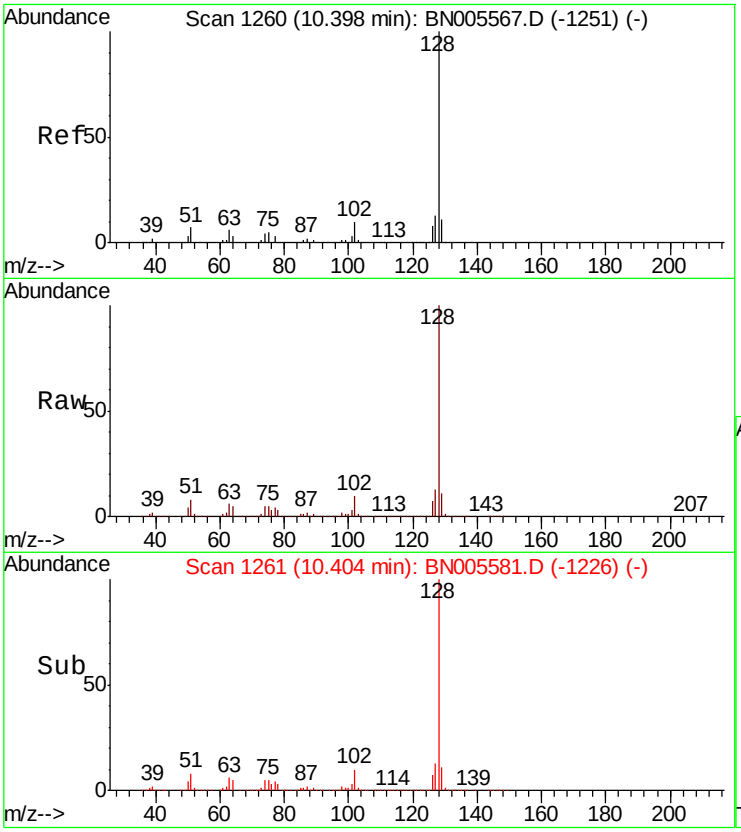
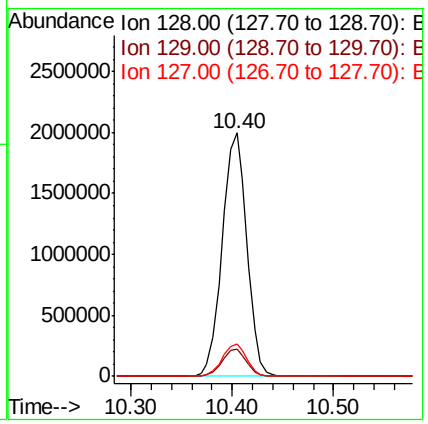




#28
Naphthalene
Concen: 51.504 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BN005581.D
Acq: 10 May 2019 00:01

Tgt Ion:128 Resp: 3349428

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.2	13.8
127	13.3	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
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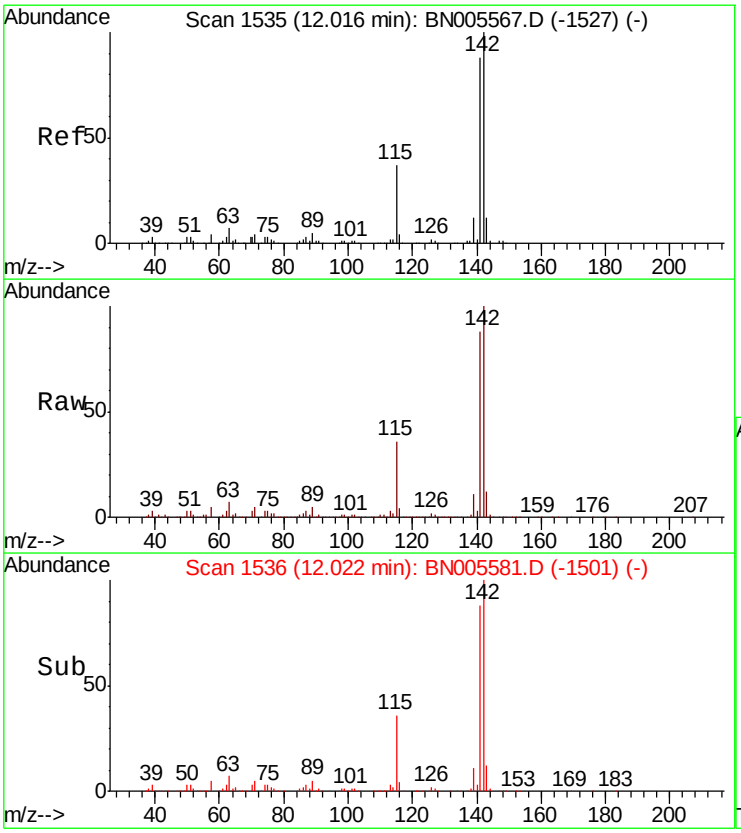
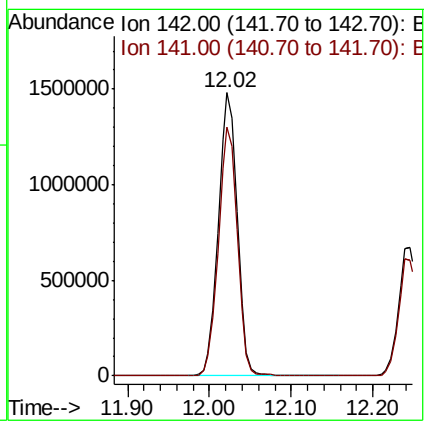
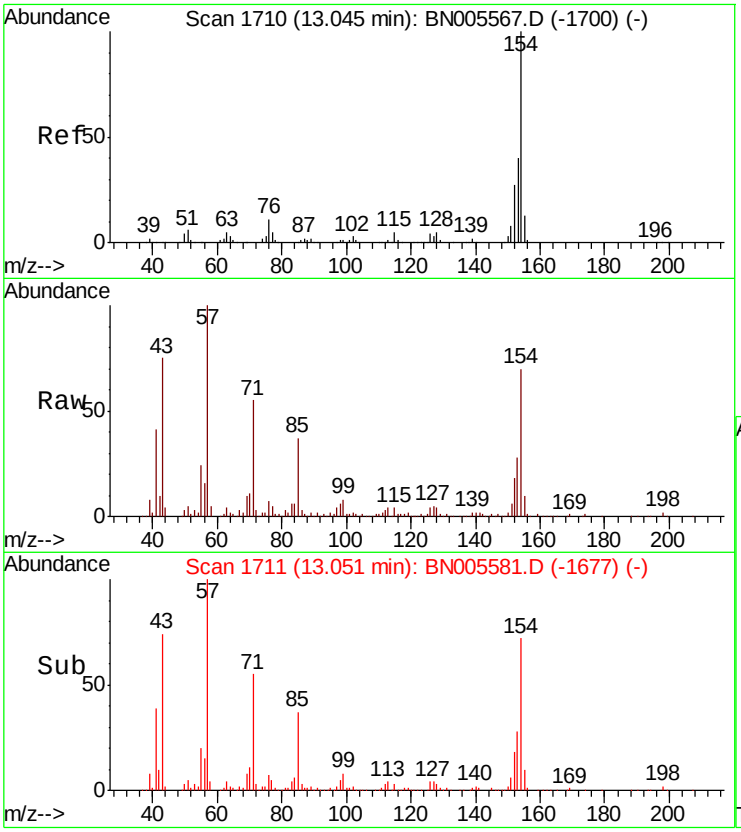


#34
2-Methylnaphthalene
Concen: 50.299 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BN005581.D
Acq: 10 May 2019 00:01

Tgt Ion:142 Resp: 2395069

Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.0	108.0

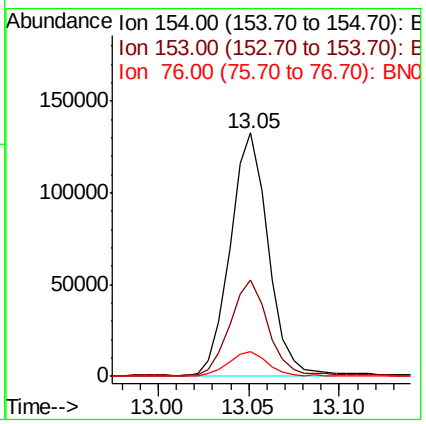




#40
1,1'-Biphenyl
Concen: 3.203 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BN005581.D
Acq: 10 May 2019 00:01

Tgt Ion:154 Resp: 194455

Ion	Ratio	Lower	Upper
154	100		
153	39.6	32.6	49.0
76	10.4	10.4	15.6



Instrument :
BNA_N
ClientSampleId :
GAJ68MEDL

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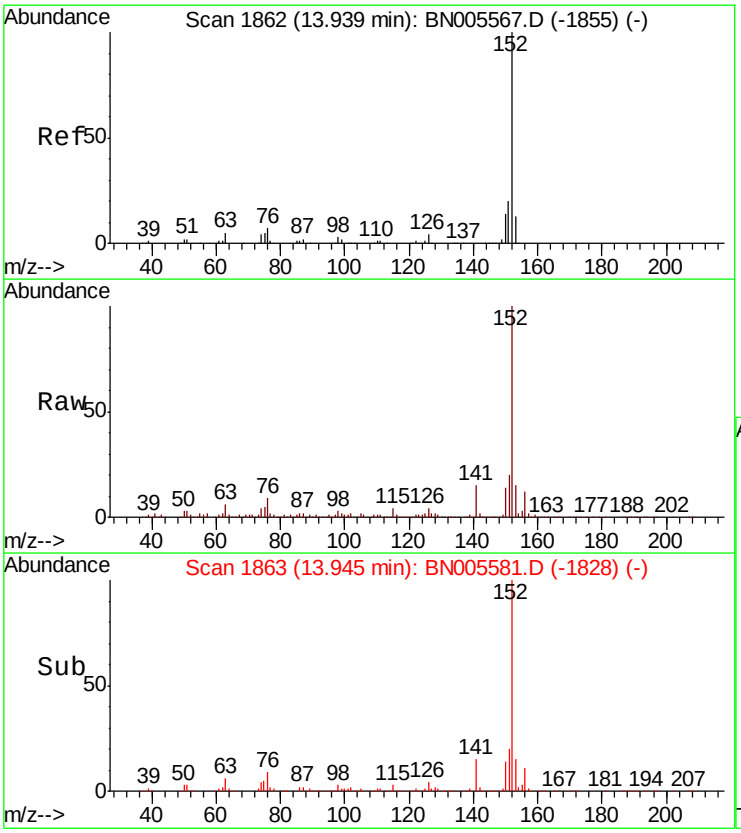
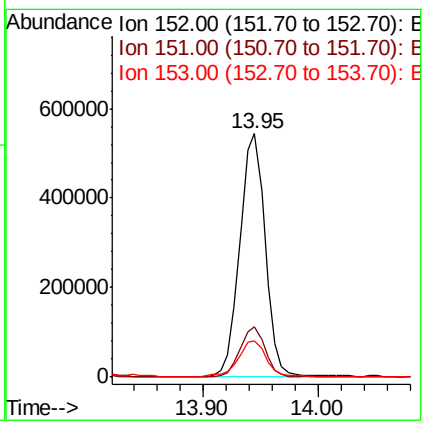
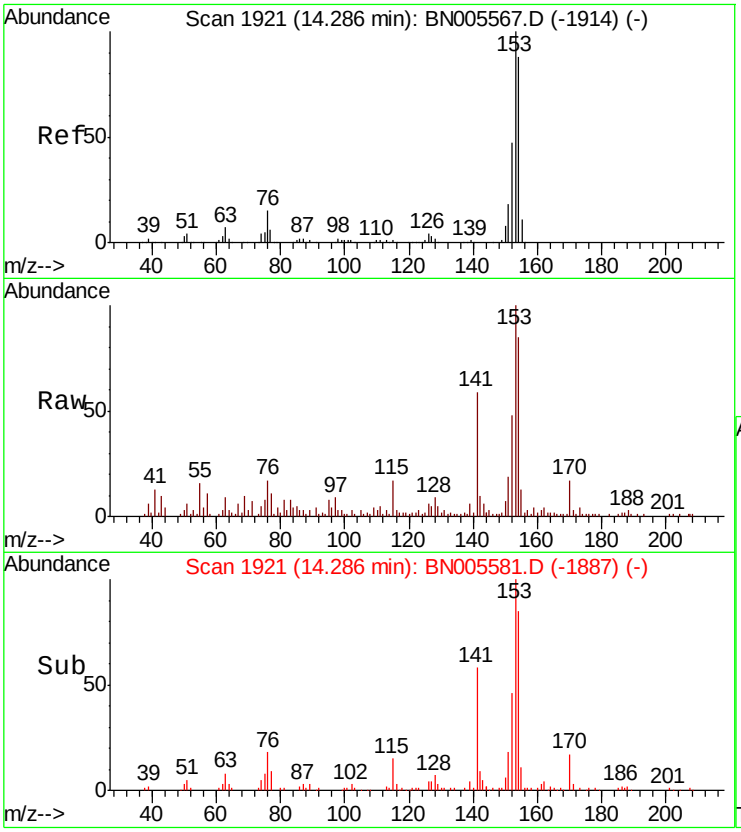


#47
Acenaphthylene
Concen: 11.672 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. 0.01 min
Lab File: BN005581.D
Acq: 10 May 2019 00:01

Tgt Ion:152 Resp: 833200

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	14.9	9.8	14.8#

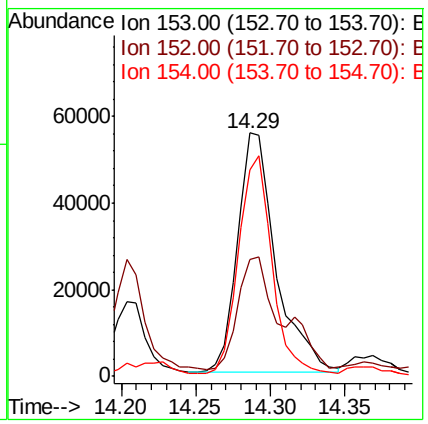




#49
Acenaphthene
Concen: 2.039 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BN005581.D
Acq: 10 May 2019 00:01

Tgt Ion:153 Resp: 99384

Ion	Ratio	Lower	Upper
153	100		
152	48.2	37.4	56.0
154	85.0	71.2	106.8



Instrument :
BNA_N
ClientSampleId :
GAJ68MEDL

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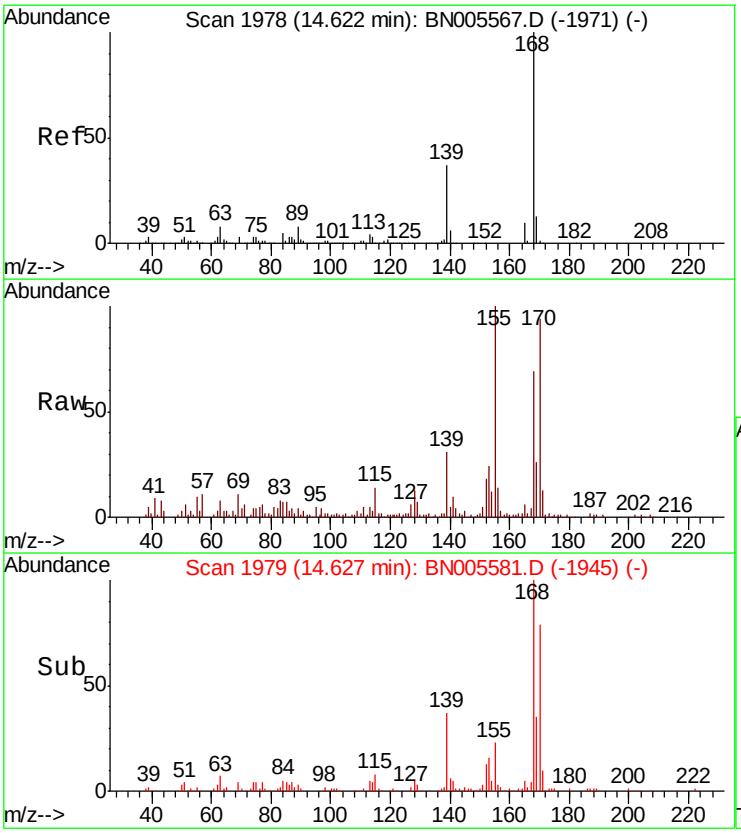
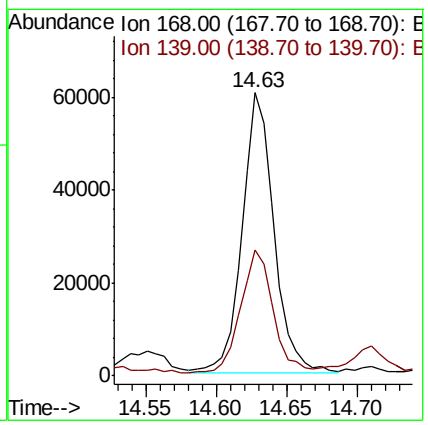
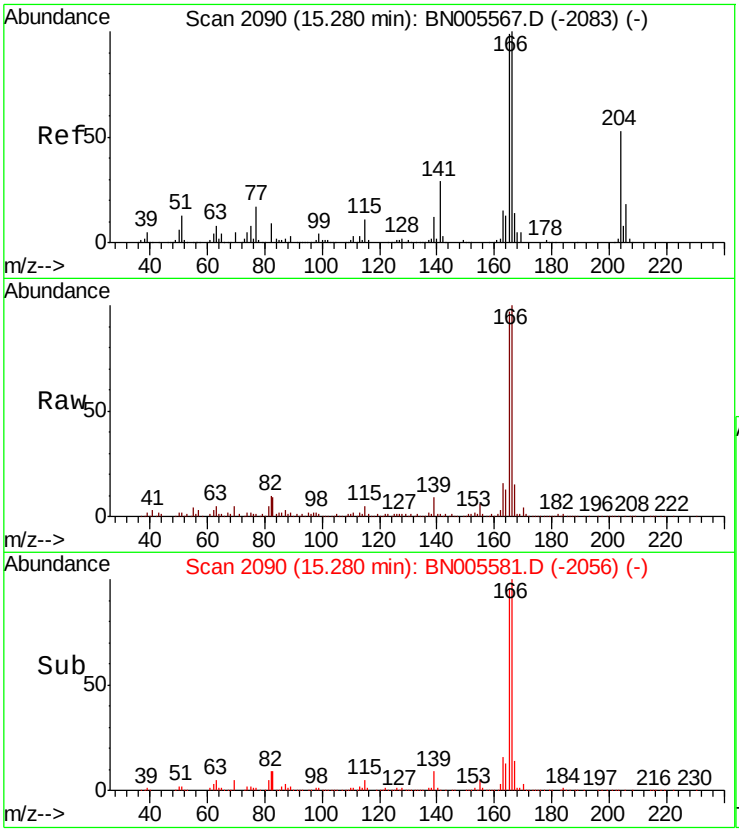


#53
Dibenzofuran
Concen: 1.364 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BN005581.D
Acq: 10 May 2019 00:01

Tgt Ion:168 Resp: 95739

Ion	Ratio	Lower	Upper
168	100		
139	44.7	30.9	46.3

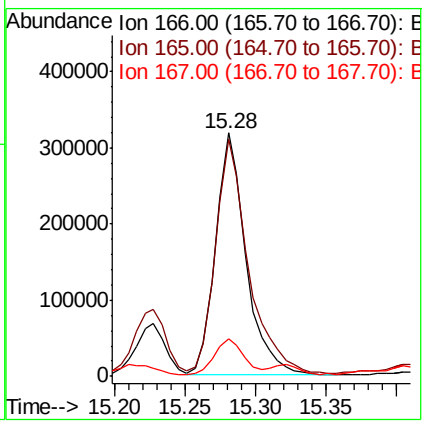




#58
Fluorene
Concen: 8.746 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BN005581.D
Acq: 10 May 2019 00:01

Tgt Ion:166 Resp: 478873

Ion	Ratio	Lower	Upper
166	100		
165	97.4	80.0	120.0
167	15.3	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
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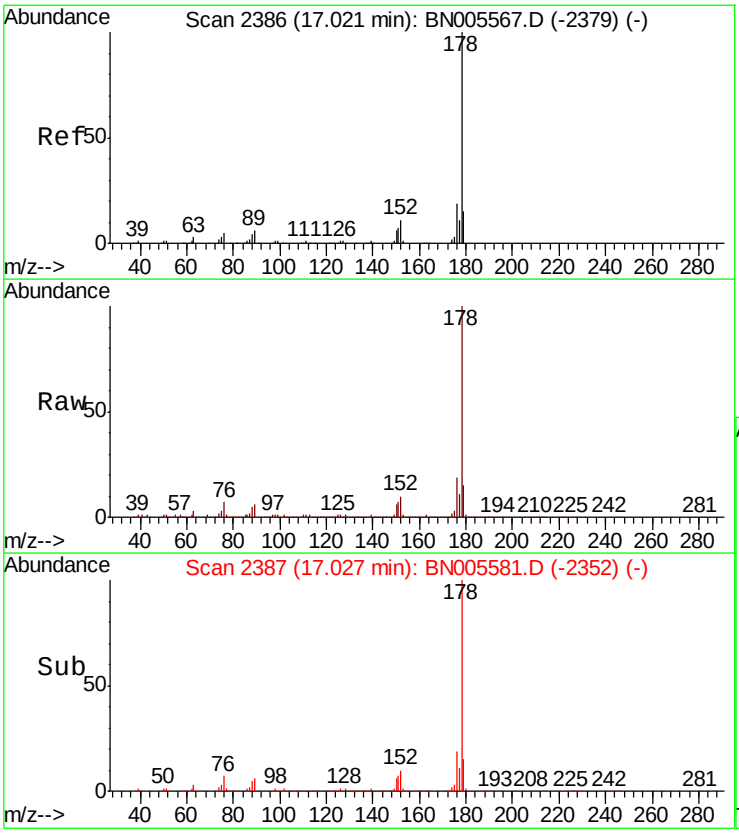
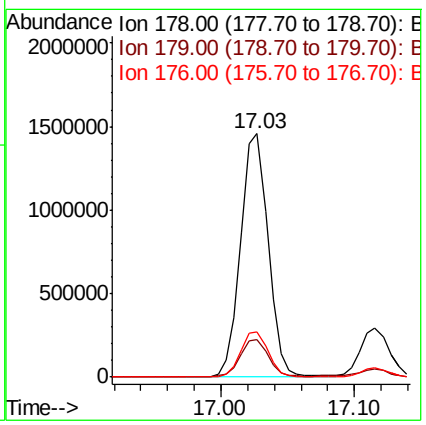
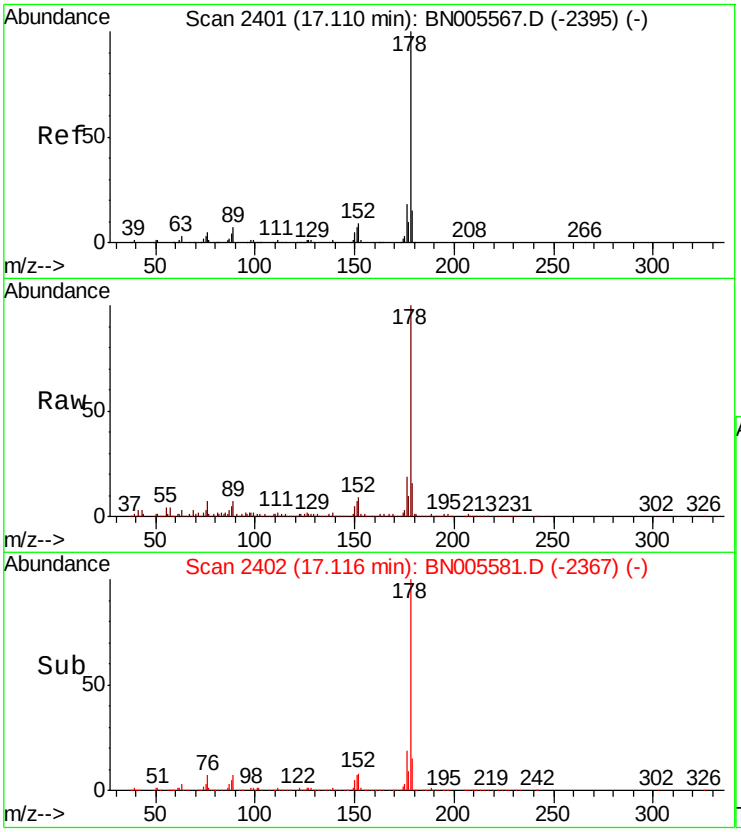


#69
Phenanthrene
Concen: 24.243 ng/ul
RT: 17.03 min Scan# 2387
Delta R.T. 0.01 min
Lab File: BN005581.D
Acq: 10 May 2019 00:01

Tgt Ion:178 Resp: 2074791

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	18.6	15.1	22.7

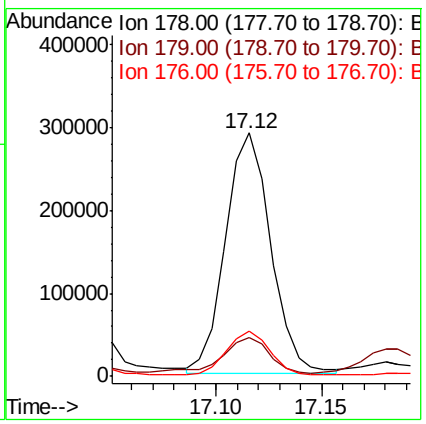




#71
Anthracene
Concen: 4.941 ng/ul
RT: 17.12 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BN005581.D
Acq: 10 May 2019 00:01

Tgt Ion:178 Resp: 430774

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.6	15.1	22.7



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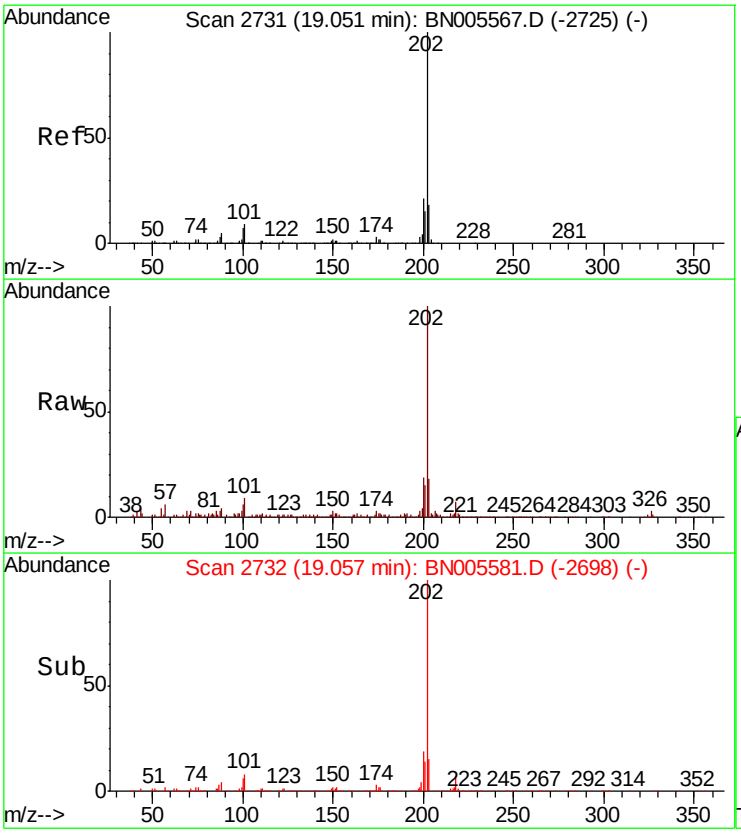
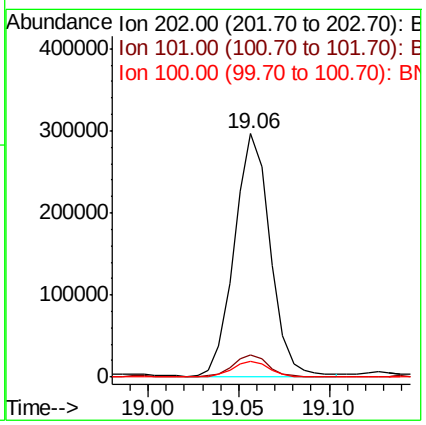
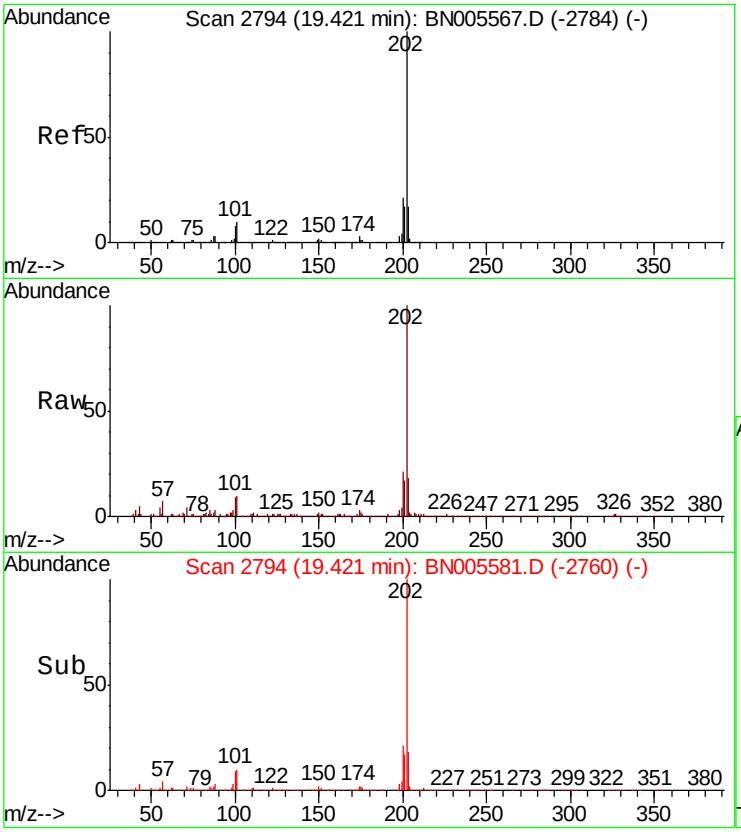


#76
Fluoranthene
Concen: 4.250 ng/ul
RT: 19.06 min Scan# 2732
Delta R.T. -0.00 min
Lab File: BN005581.D
Acq: 10 May 2019 00:01

Tgt Ion:202 Resp: 403495

Ion	Ratio	Lower	Upper
202	100		
101	9.0	8.6	12.8
100	6.4	6.3	9.5





#79
Pyrene
Concen: 7.397 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BN005581.D
Acq: 10 May 2019 00:01

Tgt Ion:202 Resp: 561996

Ion	Ratio	Lower	Upper
202	100		
101	9.7	10.3	15.5#
100	8.6	7.9	11.9

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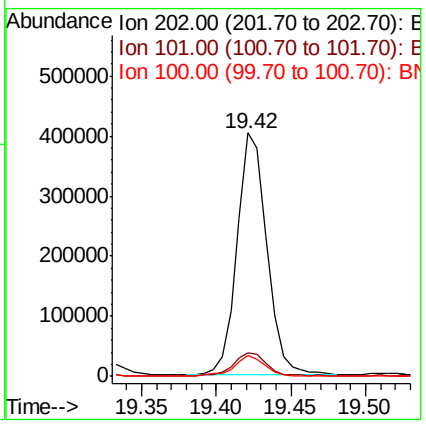
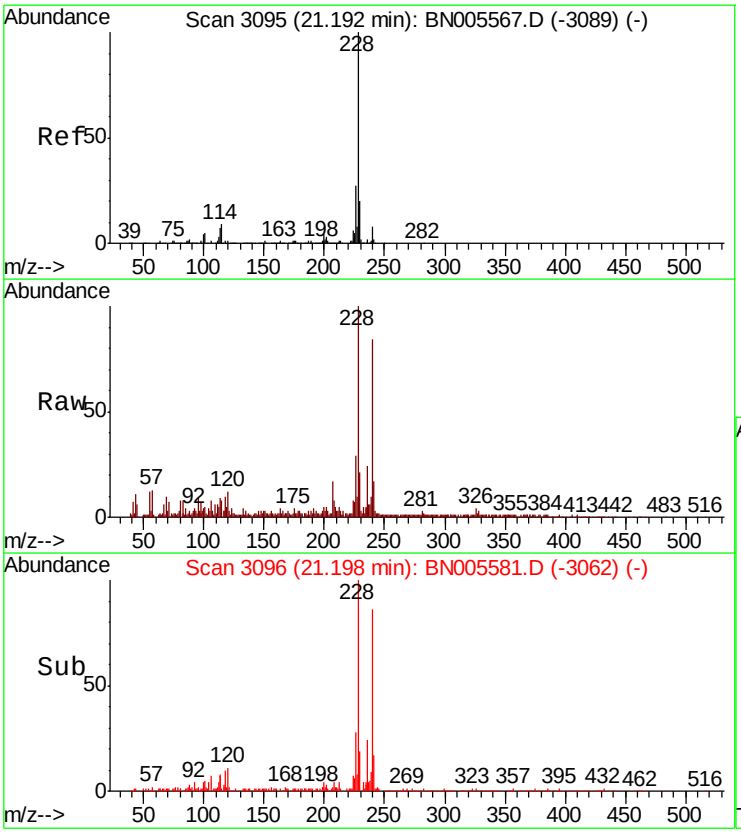
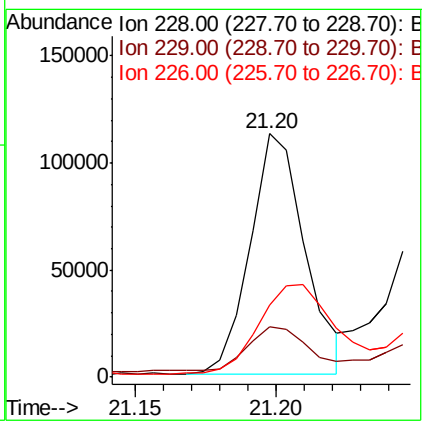


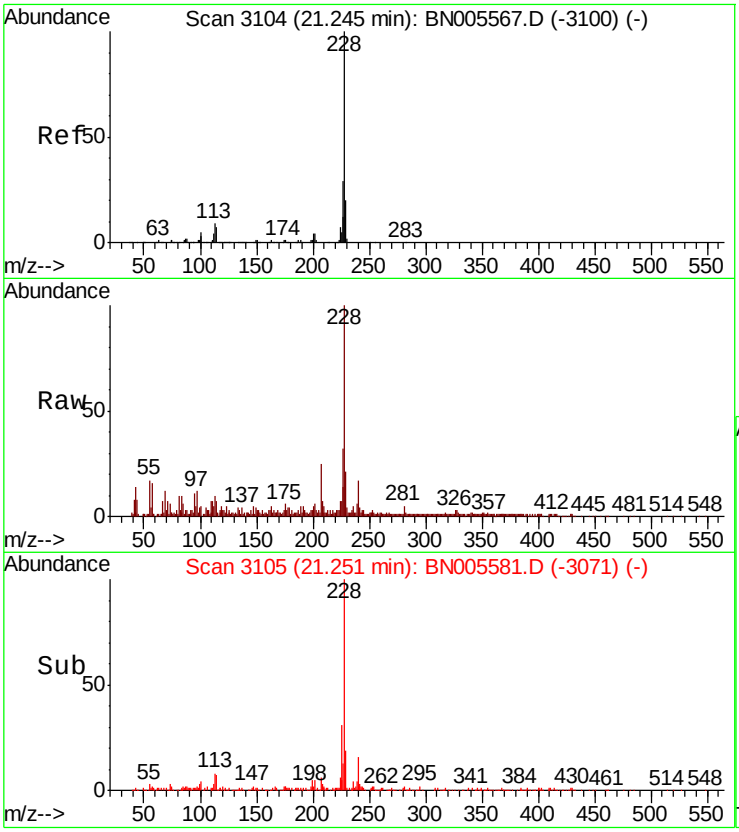


#82
Benzo(a)anthracene
Concen: 2.064 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN005581.D
Acq: 10 May 2019 00:01

Tgt Ion:228 Resp: 151543

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.6
226	29.4	21.4	32.2

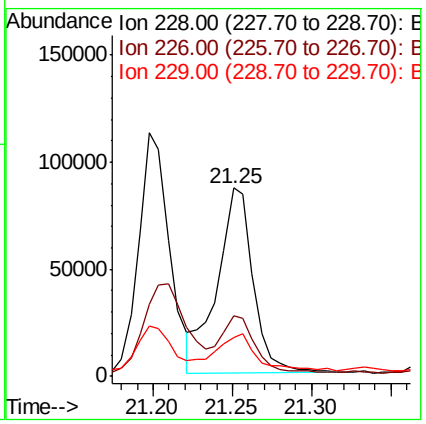




#84
Chrysene
Concen: 2.001 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN005581.D
Acq: 10 May 2019 00:01

Tgt Ion:228 Resp: 136321

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.0	36.0
229	20.8	15.4	23.0



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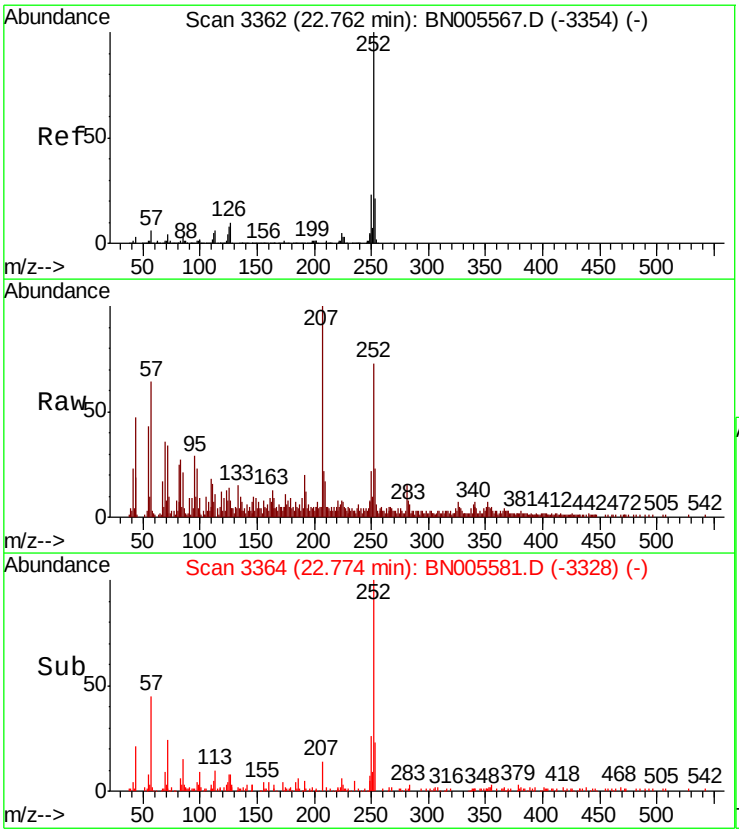
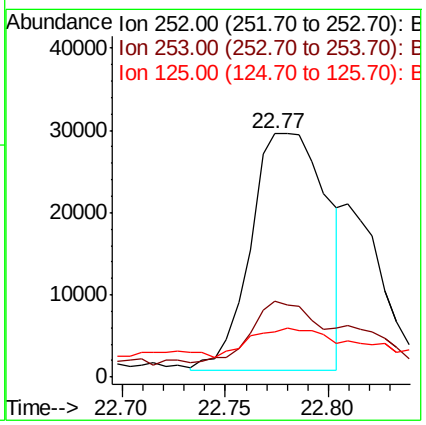
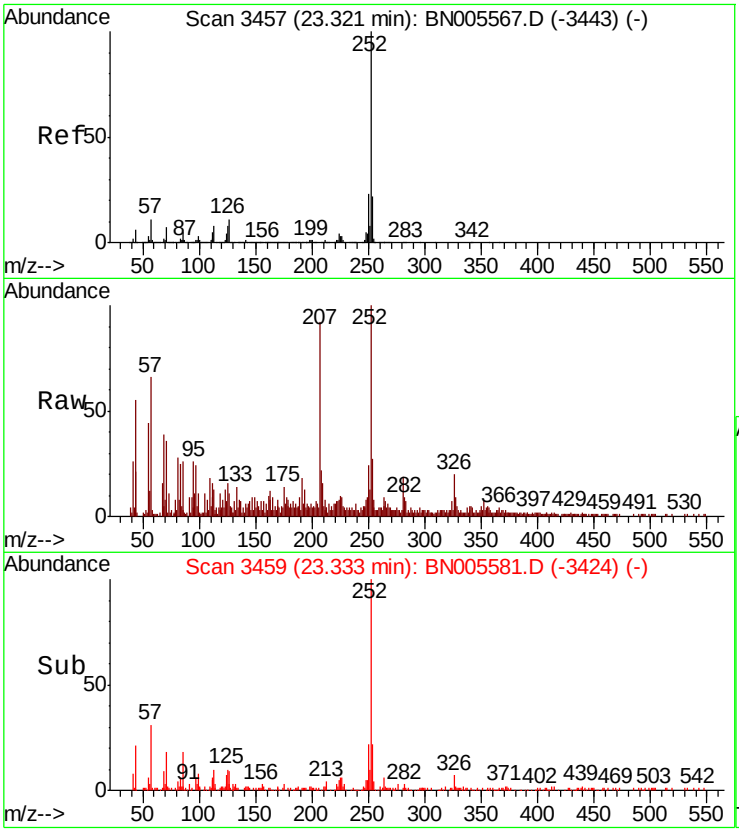


#87
Benzo(b)fluoranthene
Concen: 1.082 ng/ul m
RT: 22.77 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BN005581.D
Acq: 10 May 2019 00:01

Tgt Ion:252 Resp: 73814

Ion	Ratio	Lower	Upper
252	100		
253	31.1	17.7	26.5#
125	18.5	8.4	12.6#

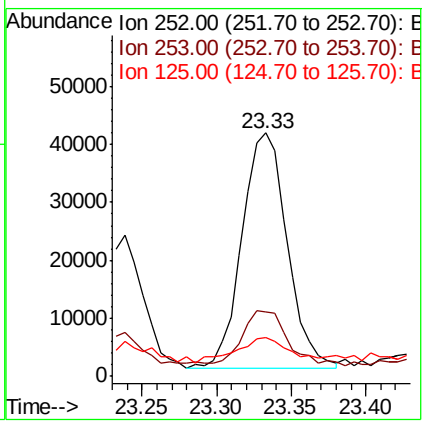




#90
Benzo(a)pyrene
Concen: 1.326 ng/ul
RT: 23.33 min Scan# 3459
Delta R.T. 0.01 min
Lab File: BN005581.D
Acq: 10 May 2019 00:01

Tgt Ion:252 Resp: 85052

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.3	25.9#
125	15.8	8.6	13.0#



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5/10/2019 1:19:44 PM