Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005234.D
Acq On : 24 Apr 2019 03:05
Operator : JU/SJ
Sample : K2455-04DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ6DL

Manual Integrations APPROVED
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4/24/2019 11:45:57 AM

Quant Time: Apr 24 09:42:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	492258	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1975086	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1090123	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2162055	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1686045	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1893902	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	20029	1.96	ng/uL	0.00
5) Phenol-d5	6.78	99	462528	11.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	283415	11.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	363974	12.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	374230	12.38	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	174913	14.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	180424	14.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	370044	13.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	323544	11.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1104221	13.95	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1352812	13.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	120502	9.64	ng/ul	0.00
57) Fluorene-d10	15.23	176	891192	13.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	30976	3.19	ng/ul	0.00
70) Anthracene-d10	17.08	188	1270908	14.02	ng/ul	0.00
78) Pyrene-d10	19.40	212	1258078	14.59	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	1141417	13.79	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.70	163	354394	4.495	ng/ul	99
47) Acenaphthylene	13.95	152	943672	9.880	ng/ul	99
69) Phenanthrene	17.03	178	463471	4.402	ng/ul	99
71) Anthracene	17.12	178	437874	4.082	ng/ul	99
76) Fluoranthene	19.06	202	3458729	29.614	ng/ul	99
79) Pyrene	19.43	202	6962315	64.134	ng/ul	99
82) Benzo(a)anthracene	21.20	228	2531435m	24.134	ng/ul	
84) Chrysene	21.25	228	2305827	23.687	ng/ul	97
87) Benzo(b)fluoranthene	22.77	252	1795198m	16.862	ng/ul	
88) Benzo(k)fluoranthene	22.79	252	662964m	6.520	ng/ul	
90) Benzo(a)pyrene	23.32	252	1809888	18.086	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.59	276	816567	7.381	ng/ul	97
92) Dibenzo(a,h)anthracene	25.60	278	259955	2.769	ng/ul#	93
93) Benzo(g,h,i)perylene	26.25	276	592284	6.474	ng/ul	99

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

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Misc :
ALS Vial : 23 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAHQ6DL

Manual Integrations APPROVED
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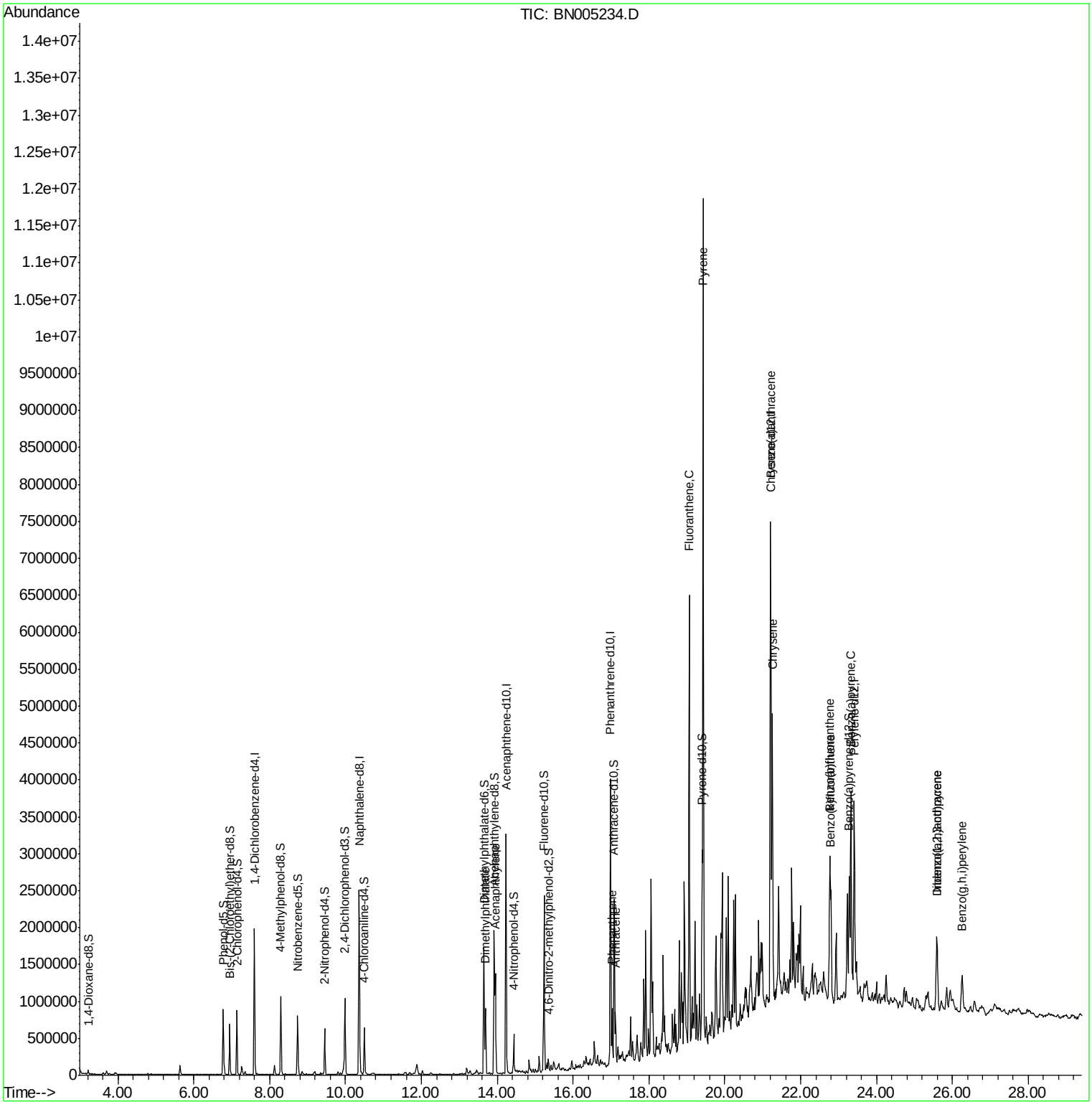
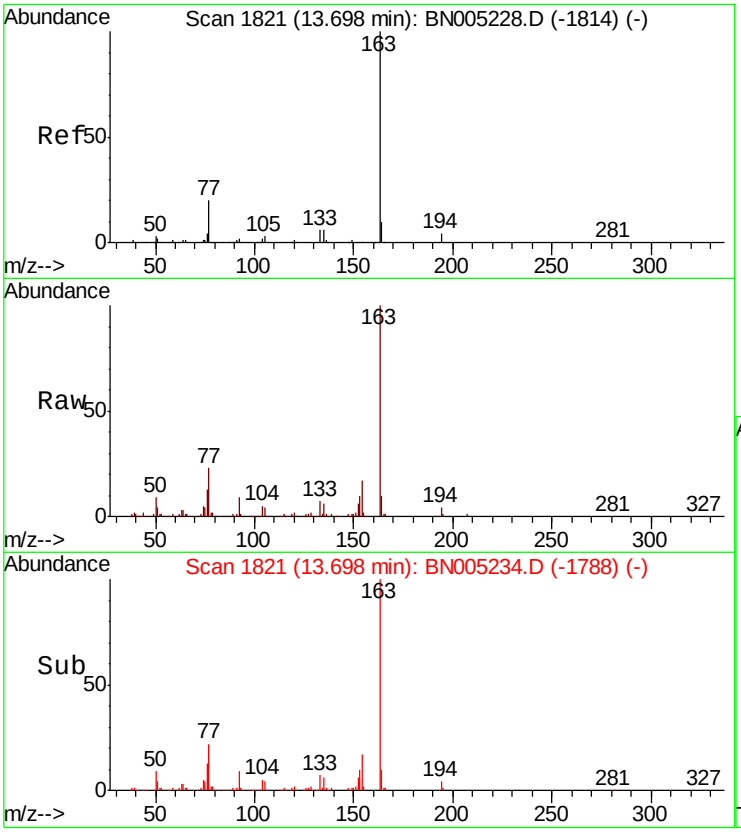
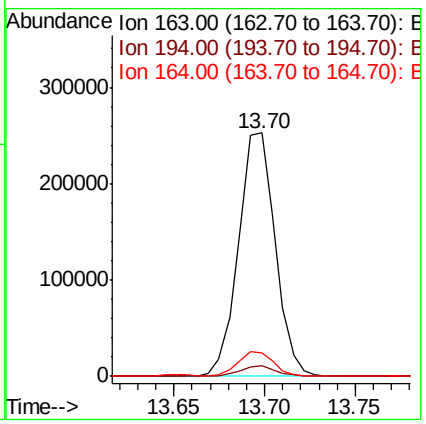




#44
Dimethylphthalate
Concen: 4.495 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BN005234.D
Acq: 24 Apr 2019 03:05

Tgt Ion:163 Resp: 354394

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.5	8.1	12.1



Instrument :
BNA_N
ClientSampleId :
GAHQ6DL

Manual Integrations APPROVED
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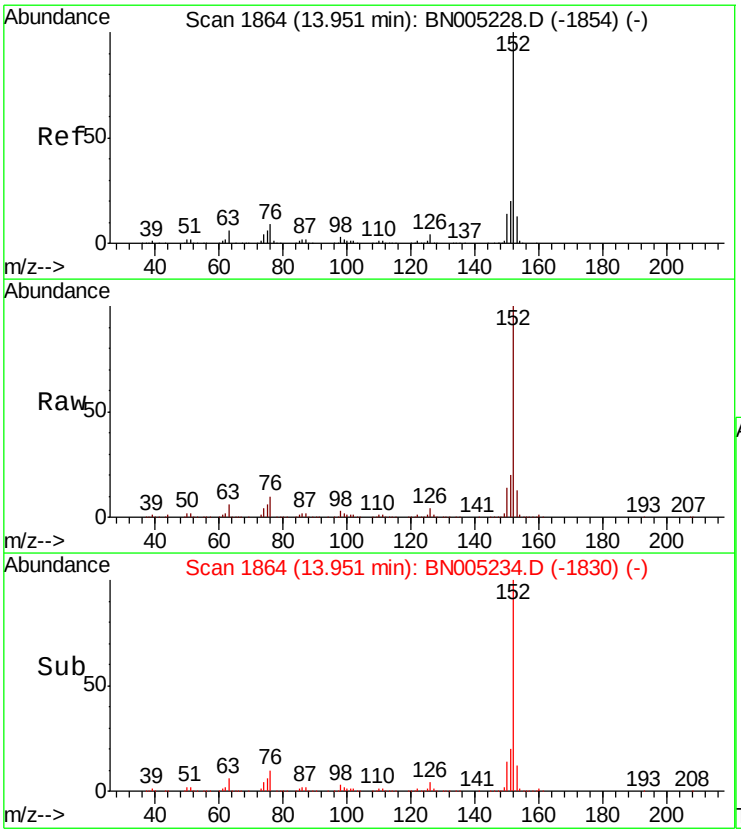
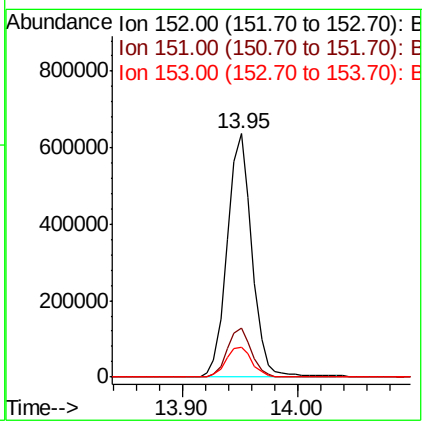
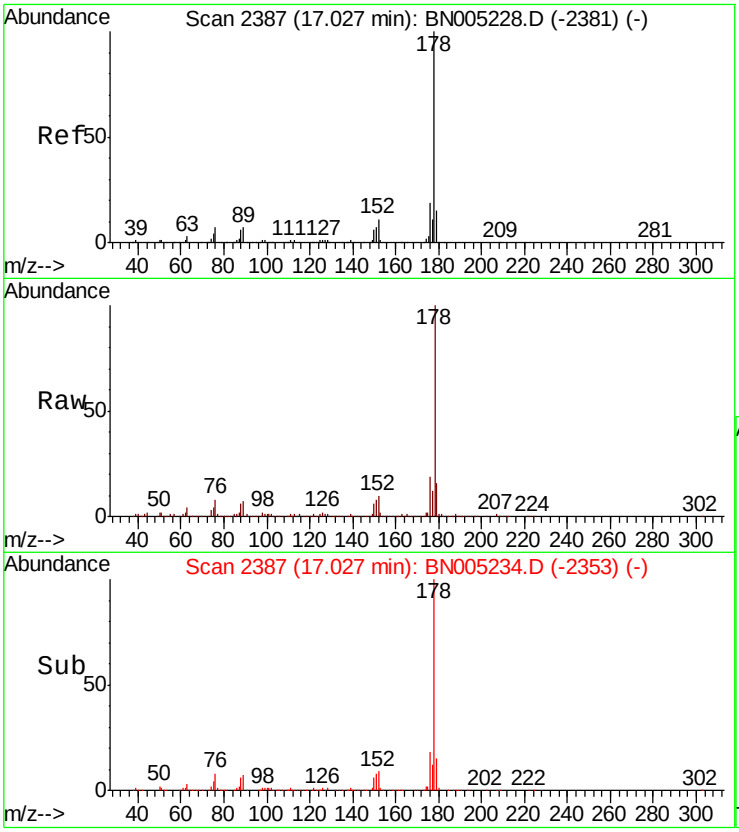


#47
Acenaphthylene
Concen: 9.880 ng/ul
RT: 13.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BN005234.D
Acq: 24 Apr 2019 03:05

Tgt Ion:152 Resp: 943672

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	12.5	9.8	14.8

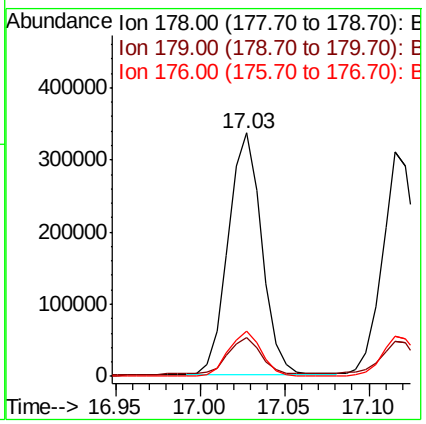




#69
Phenanthrene
Concen: 4.402 ng/ul
RT: 17.03 min Scan# 2387
Delta R.T. -0.00 min
Lab File: BN005234.D
Acq: 24 Apr 2019 03:05

Tgt Ion:178 Resp: 463471

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	18.5	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
GAHQ6DL

Manual Integrations APPROVED
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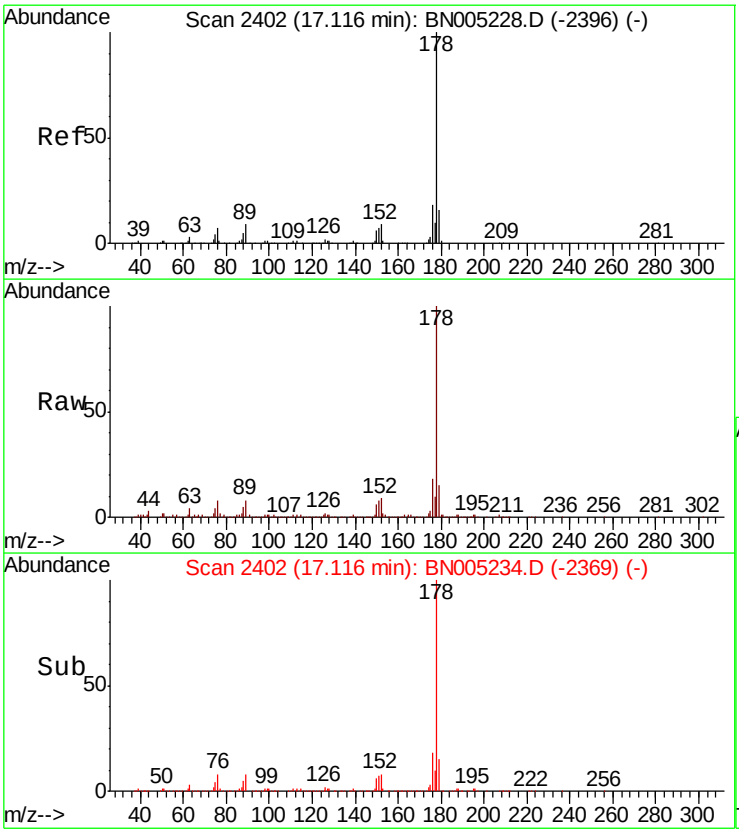
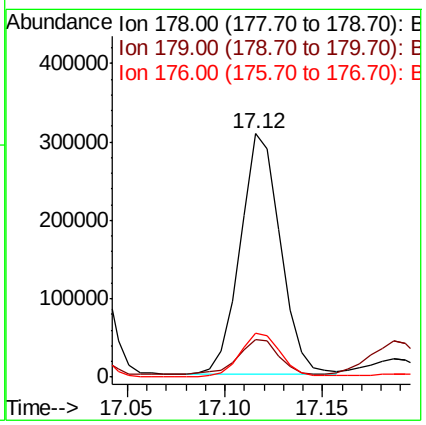
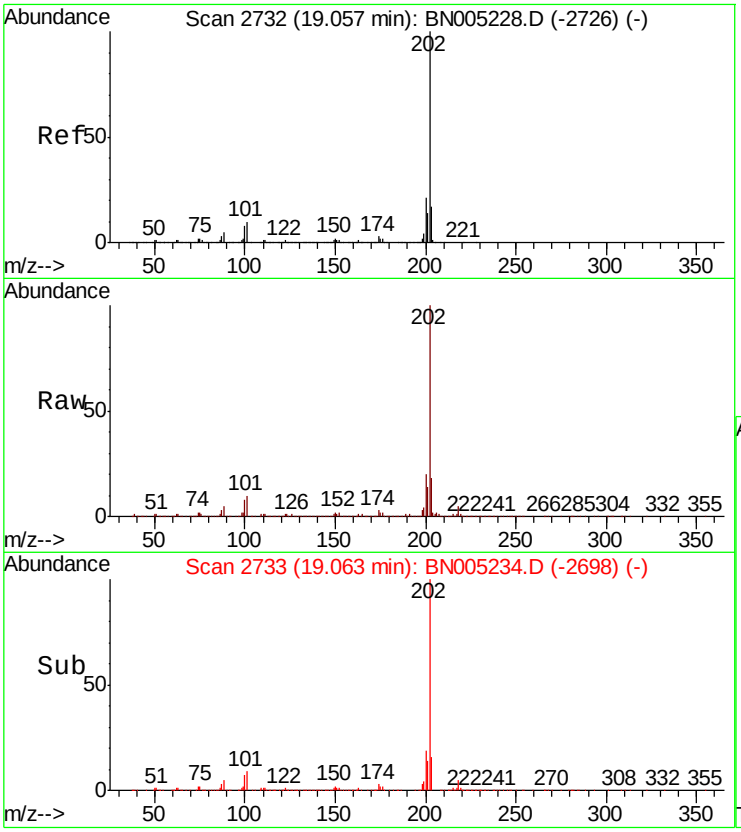


#71
Anthracene
Concen: 4.082 ng/ul
RT: 17.12 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BN005234.D
Acq: 24 Apr 2019 03:05

Tgt Ion:178 Resp: 437874

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.0	15.1	22.7

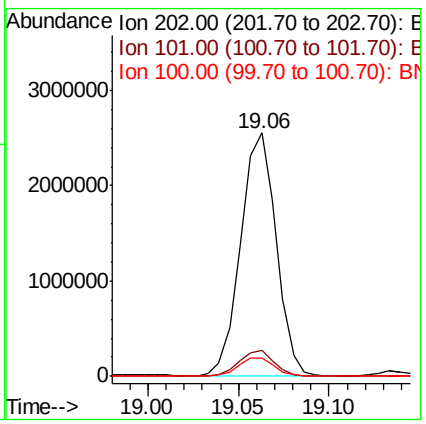




#76
Fluoranthene
Concen: 29.614 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. 0.01 min
Lab File: BN005234.D
Acq: 24 Apr 2019 03:05

Tgt Ion:202 Resp: 3458729

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.6	12.8
100	7.6	6.3	9.5



Instrument :
BNA_N
ClientSampleId :
GAHQ6DL

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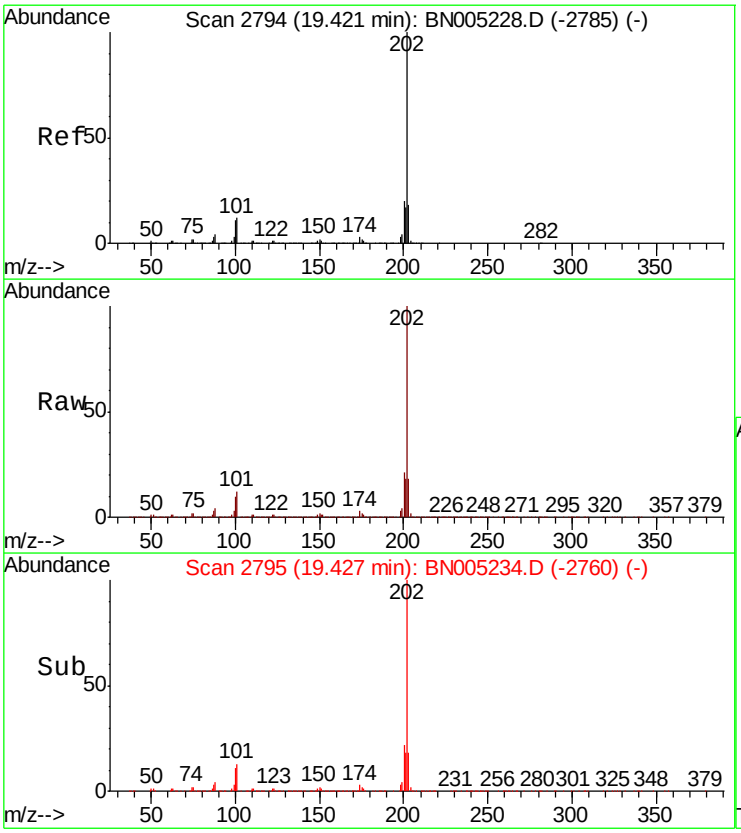
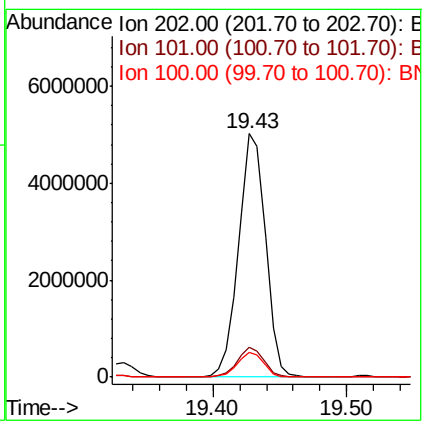
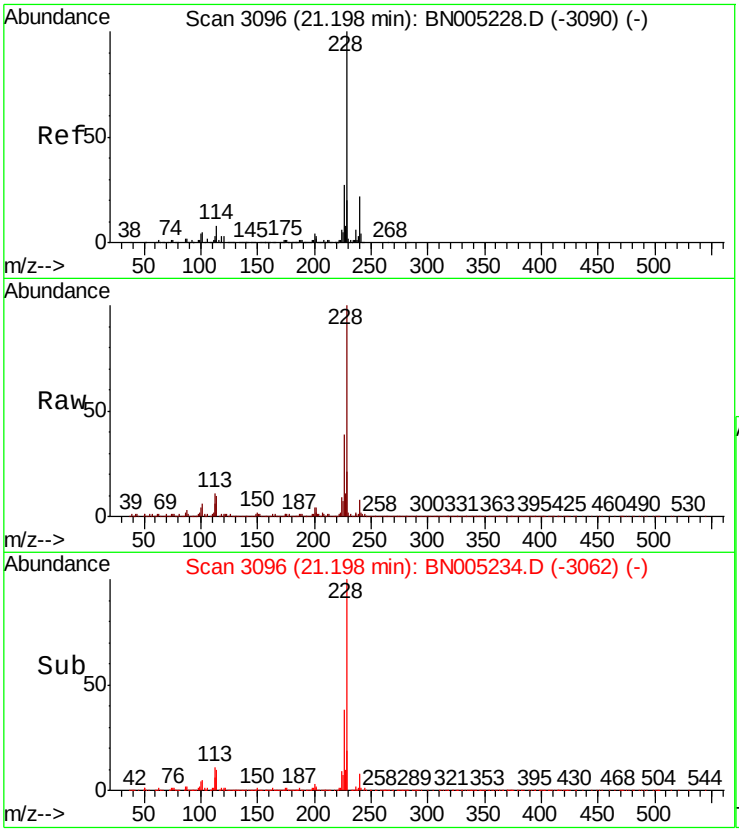


#79
Pyrene
Concen: 64.134 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.01 min
Lab File: BN005234.D
Acq: 24 Apr 2019 03:05

Tgt Ion:202 Resp: 6962315

Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.3	15.5
100	10.2	7.9	11.9

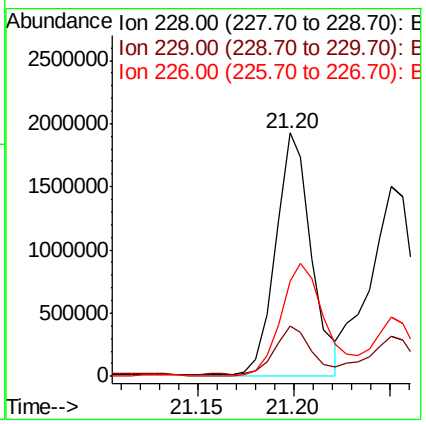




#82
Benzo(a)anthracene
Concen: 24.134 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN005234.D
Acq: 24 Apr 2019 03:05

Tgt Ion:228 Resp: 2531435

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.6
226	38.8	21.4	32.2#



Instrument :
BNA_N
ClientSampleId :
GAHQ6DL

Manual Integrations APPROVED
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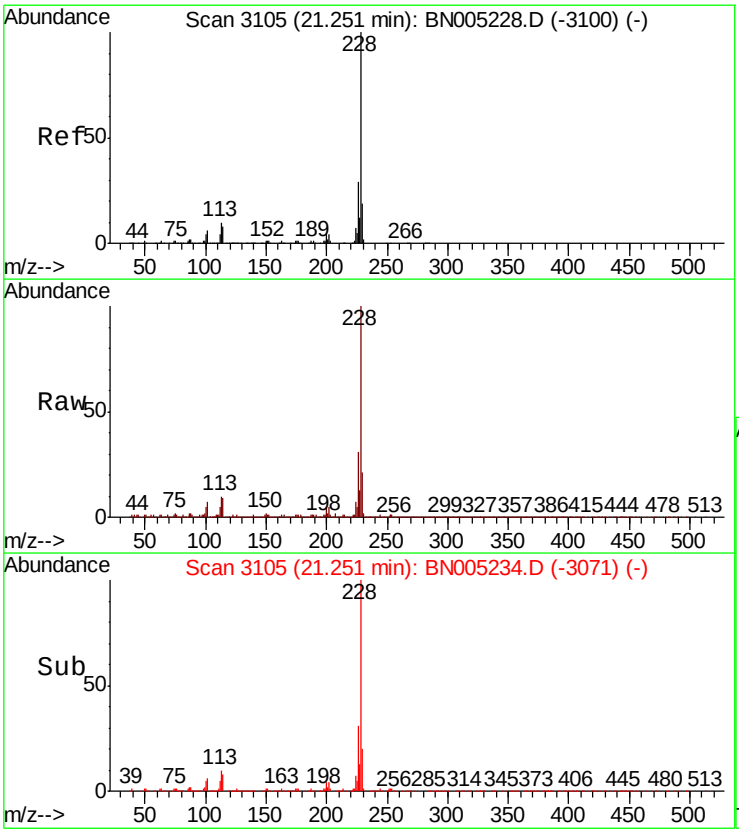
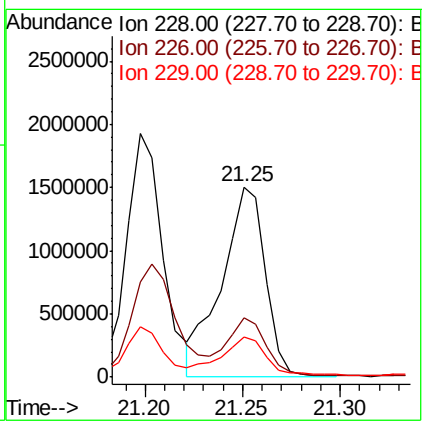
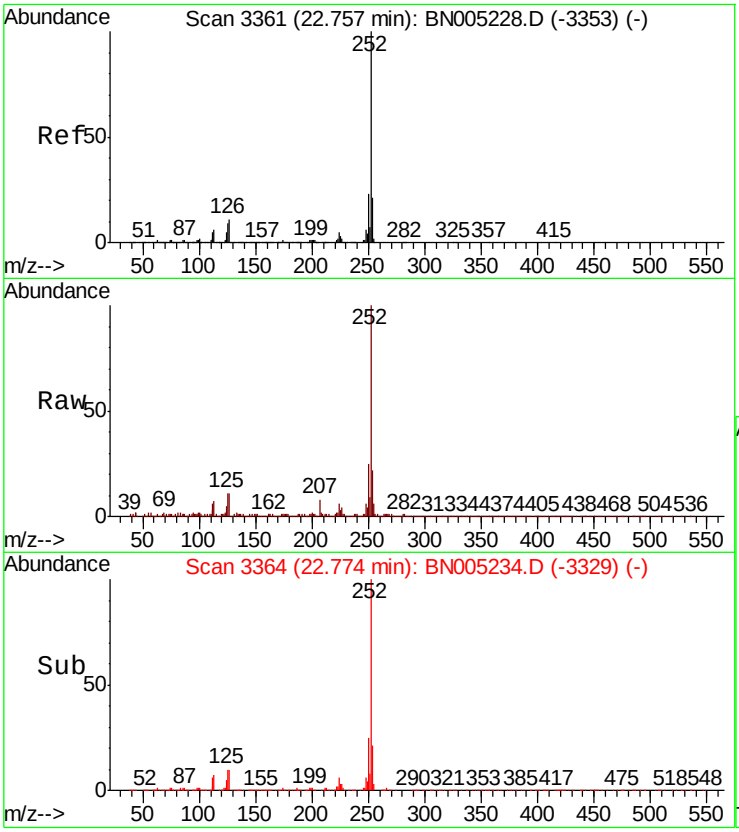


#84
Chrysene
Concen: 23.687 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN005234.D
Acq: 24 Apr 2019 03:05

Tgt Ion:228 Resp: 2305827

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.0	36.0
229	20.9	15.4	23.0

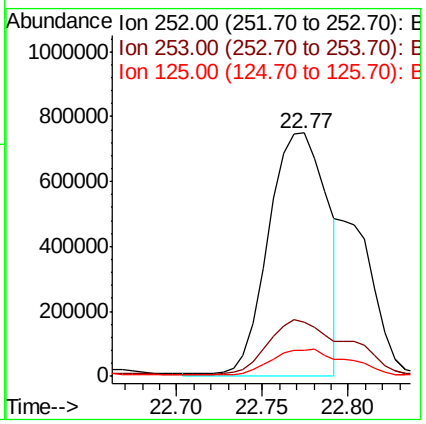




#87
Benzo(b)fluoranthene
Concen: 16.862 ng/ul m
RT: 22.77 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BN005234.D
Acq: 24 Apr 2019 03:05

Tgt Ion:252 Resp: 1795198

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.8	8.4	12.6



Instrument :
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ClientSampleId :
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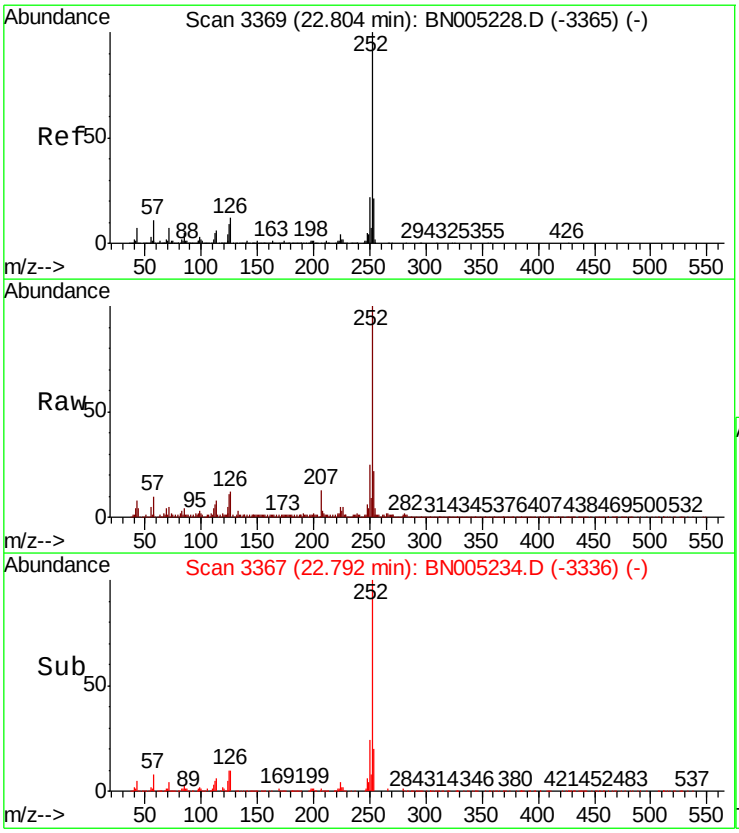
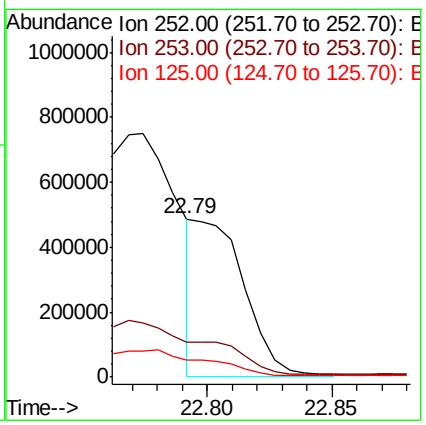
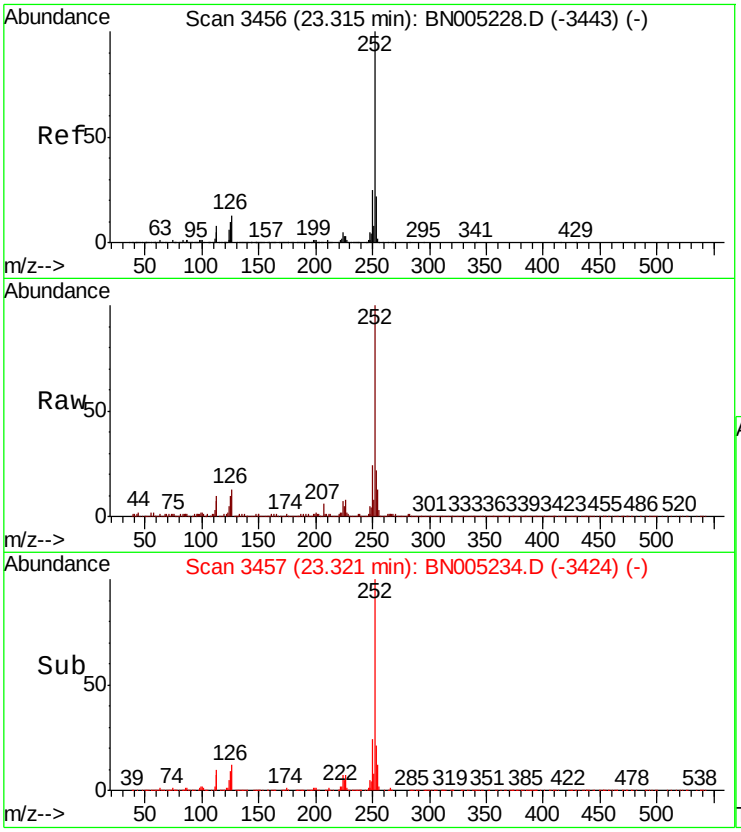


#88
Benzo(k)fluoranthene
Concen: 6.520 ng/ul m
RT: 22.79 min Scan# 3367
Delta R.T. -0.02 min
Lab File: BN005234.D
Acq: 24 Apr 2019 03:05

Tgt Ion:252 Resp: 662964

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	11.1	7.5	11.3

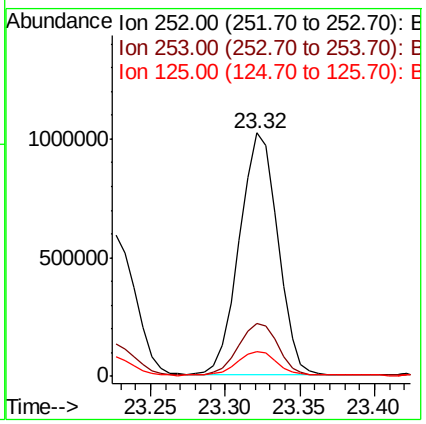




#90
Benzo(a)pyrene
Concen: 18.086 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. -0.01 min
Lab File: BN005234.D
Acq: 24 Apr 2019 03:05

Tgt Ion:252 Resp: 1809888

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	10.0	8.6	13.0



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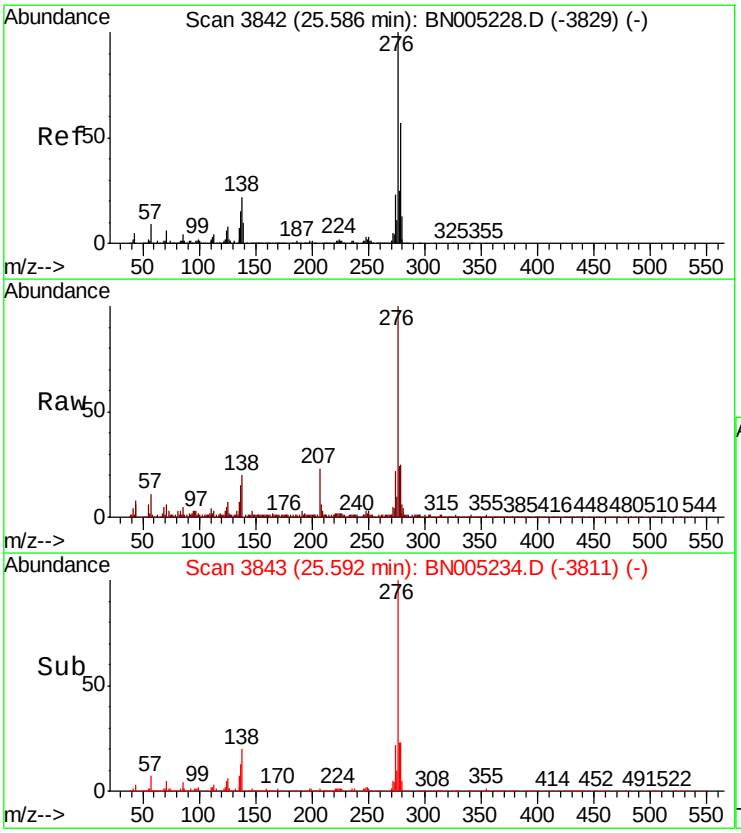
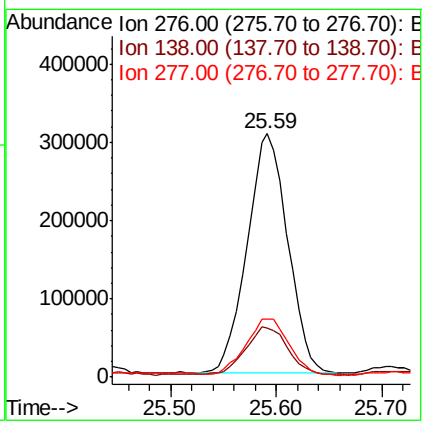
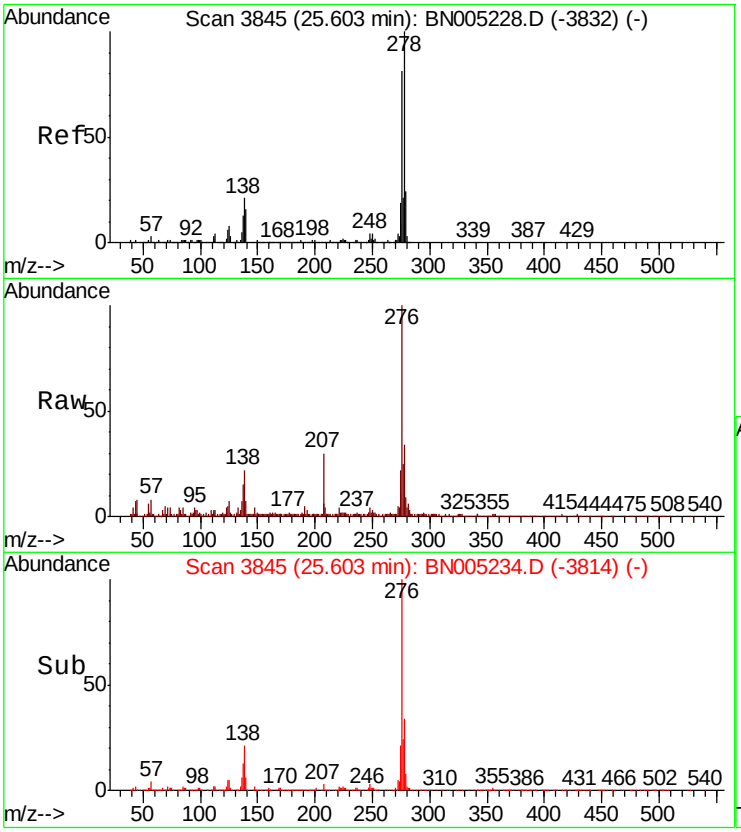


#91
Indeno(1,2,3-cd)pyrene
Concen: 7.381 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. -0.01 min
Lab File: BN005234.D
Acq: 24 Apr 2019 03:05

Tgt Ion:276 Resp: 816567

Ion	Ratio	Lower	Upper
276	100		
138	20.1	17.9	26.9
277	23.7	19.7	29.5

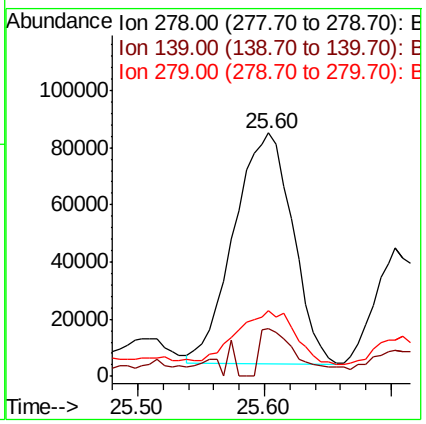




#92
Dibenzo(a,h)anthracene
Concen: 2.769 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. -0.02 min
Lab File: BN005234.D
Acq: 24 Apr 2019 03:05

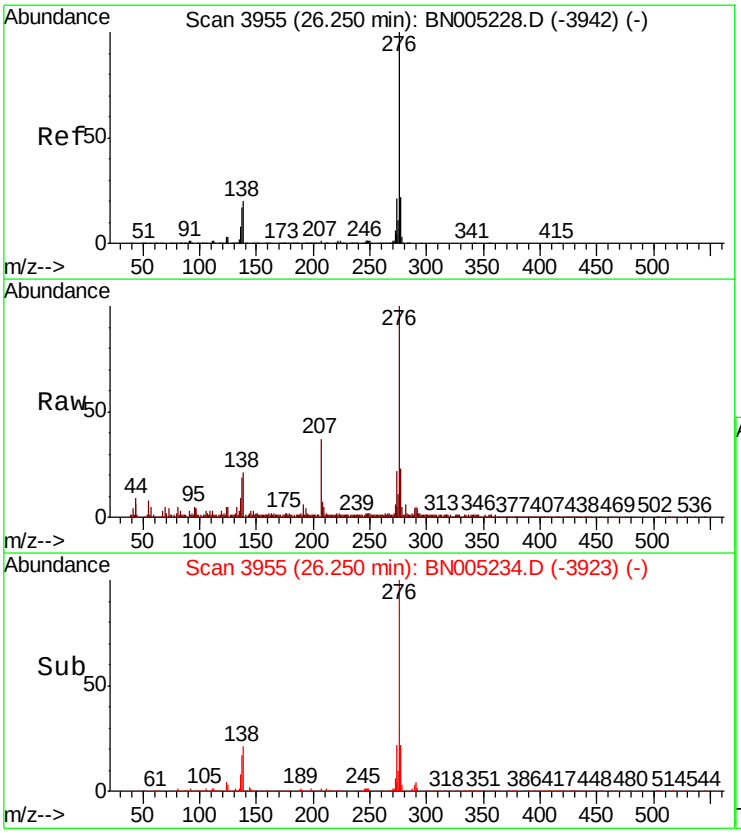
Tgt Ion:278 Resp: 259955

Ion	Ratio	Lower	Upper
278	100		
139	19.8	13.1	19.7#
279	26.9	19.4	29.0

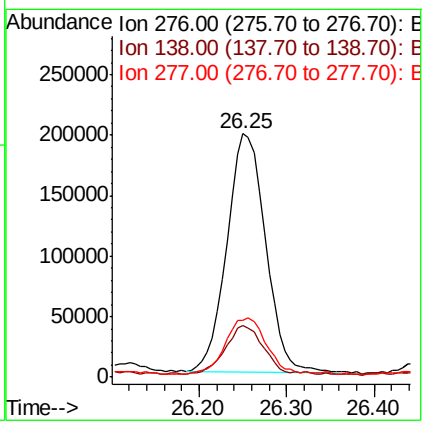


Instrument :
BNA_N
ClientSampleId :
GAHQ6DL

Manual Integrations APPROVED
Sohil
4/24/2019 11:45:57 AM



#93
Benzo(g,h,i)perylene
Concen: 6.474 ng/ul
RT: 26.25 min Scan# 3955
Delta R.T. -0.01 min
Lab File: BN005234.D
Acq: 24 Apr 2019 03:05

Tgt Ion:276 Resp: 592284

Ion	Ratio	Lower	Upper
276	100		
138	21.0	16.7	25.1
277	23.1	18.2	27.2