Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
Data File : BN002977.D
Acq On : 05 Oct 2018 23:41
Operator : MJ/SJ
Sample : J5116-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLC57

Manual Integrations APPROVED
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Quant Time: Oct 06 04:04:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 06 02:55:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	137324	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	624909	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	372304	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	738240	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	494062	20.00	ng/ul	0.02
85) Perylene-d12	23.52	264	495621m	20.00	ng/ul	0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	9049	3.04	ng/uL	0.00
5) Phenol-d5	6.82	99	247702	21.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	156008	21.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	223826	23.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	196859	21.80	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	113028	23.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	133726	24.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	234751	23.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	205462	17.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	735030	25.22	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	946585	24.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	108627	22.54	ng/ul	0.00
57) Fluorene-d10	15.26	176	678406	26.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	41769	9.05	ng/ul	0.00
70) Anthracene-d10	17.12	188	913413	25.92	ng/ul	0.00
78) Pyrene-d10	19.43	212	807234	30.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	652409	25.01	ng/ul	0.08
Target Compounds						Qvalue
6) Phenol	6.85	94	62554	5.320	ng/ul	97
44) Dimethylphthalate	13.73	163	299727	10.538	ng/ul	100
49) Acenaphthene	14.33	153	62204	2.456	ng/ul	94
53) Dibenzofuran	14.67	168	37869	1.088	ng/ul	94
58) Fluorene	15.32	166	57625	2.066	ng/ul	98
69) Phenanthrene	17.06	178	988222	24.296	ng/ul	99
71) Anthracene	17.15	178	253887	6.156	ng/ul	99
74) Carbazole	17.43	167	167824	4.742	ng/ul	99
75) Di-n-butylphthalate	17.99	149	87412	2.059	ng/ul#	87
76) Fluoranthene	19.09	202	1333978	30.744	ng/ul	99
79) Pyrene	19.46	202	1008639	30.877	ng/ul	95
82) Benzo(a)anthracene	21.23	228	377405	12.279	ng/ul#	93
84) Chrysene	21.29	228	440715	15.298	ng/ul#	91
87) Benzo(b)fluoranthene	22.84	252	700184m	23.132	ng/ul	
88) Benzo(k)fluoranthene	22.87	252	214553m	7.598	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.80	276	342796m	10.119	ng/ul	
93) Benzo(g,h,i)perylene	26.50	276	301445m	10.644	ng/ul	

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

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 06 02:55:40 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC57

Manual Integrations APPROVED
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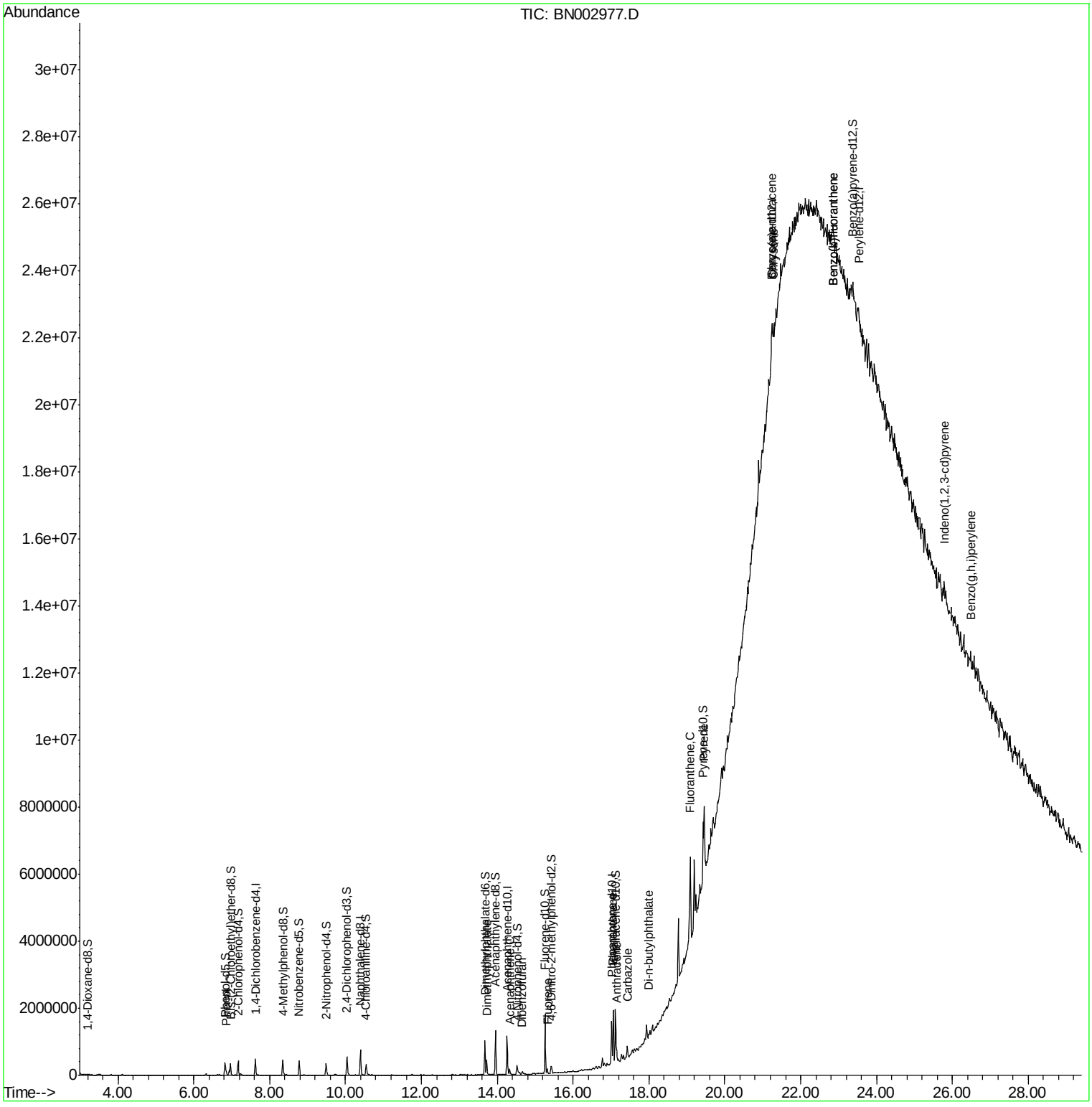
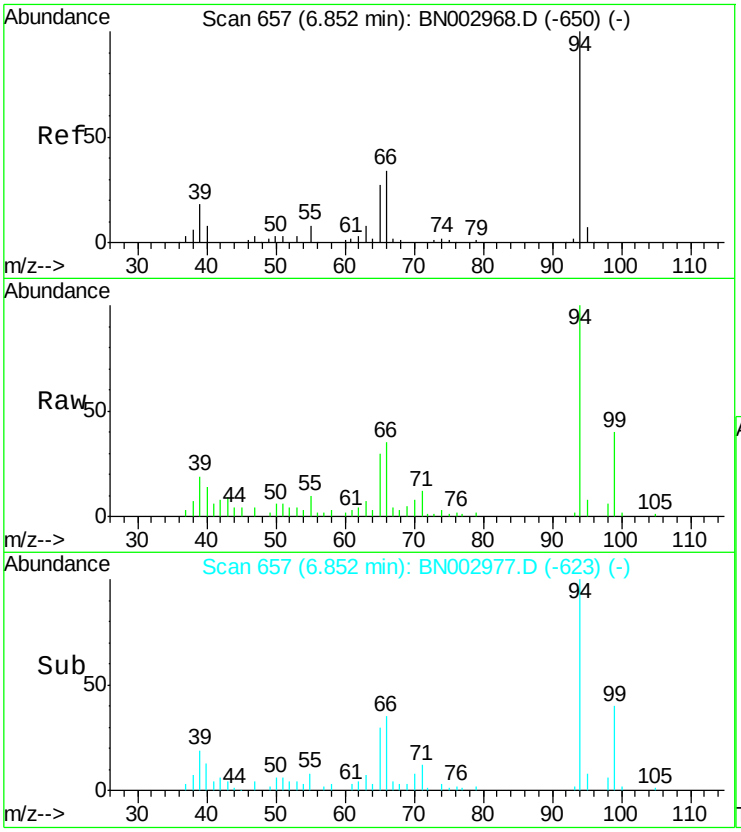
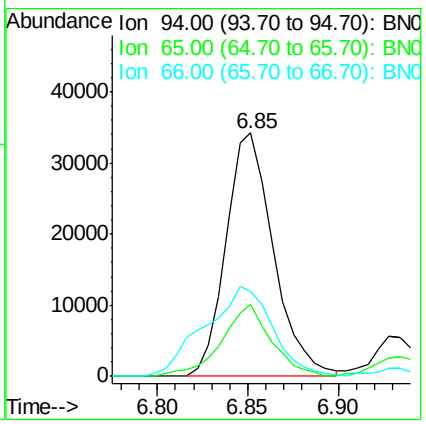




#6
Phenol
Concen: 5.320 ng/ul
RT: 6.85 min Scan# 657
Delta R.T. -0.00 min
Lab File: BN002977.D
Acq: 05 Oct 2018 23:41

Tgt Ion: 94 Resp: 62554

Ion	Ratio	Lower	Upper
94	100		
65	29.7	23.1	34.7
66	35.0	29.8	44.6



Instrument :
BNA_N
ClientSampleId :
JLC57

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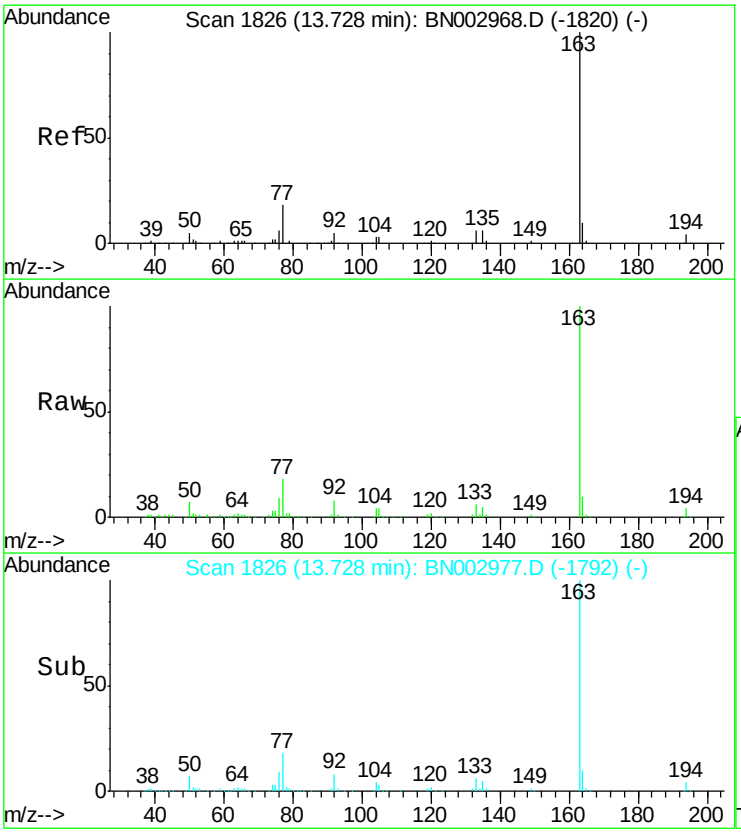
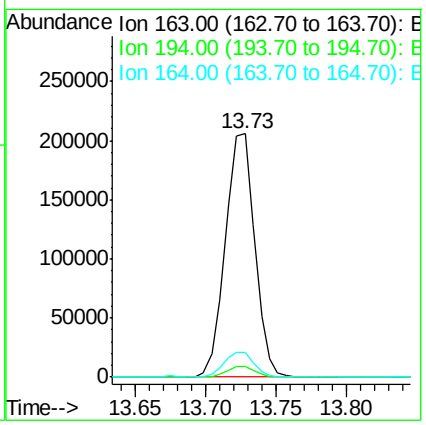
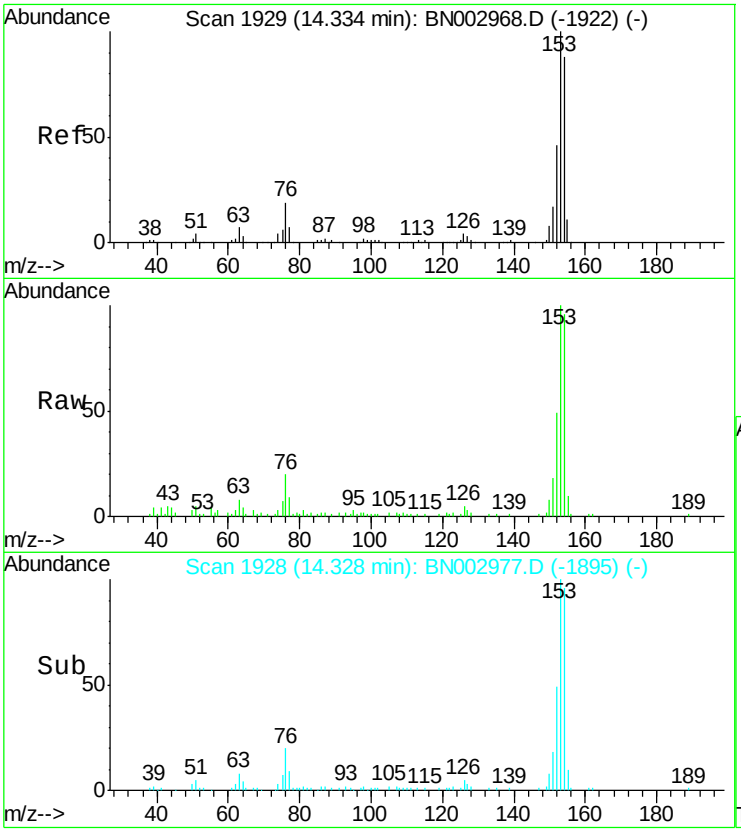


#44
Dimethylphthalate
Concen: 10.538 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BN002977.D
Acq: 05 Oct 2018 23:41

Tgt Ion:163 Resp: 299727

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.0	8.1	12.1

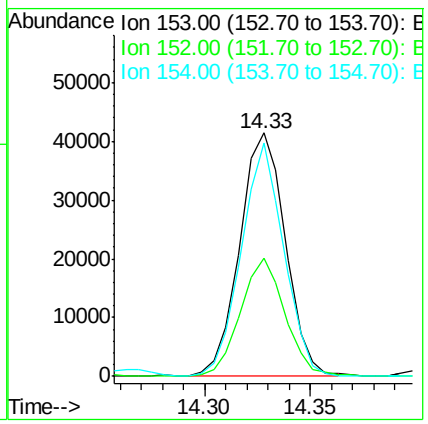




#49
Acenaphthene
Concen: 2.456 ng/ul
RT: 14.33 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BN002977.D
Acq: 05 Oct 2018 23:41

Tgt Ion:153 Resp: 62204

Ion	Ratio	Lower	Upper
153	100		
152	48.5	37.8	56.6
154	95.6	70.9	106.3



Instrument :
BNA_N
ClientSampleId :
JLC57

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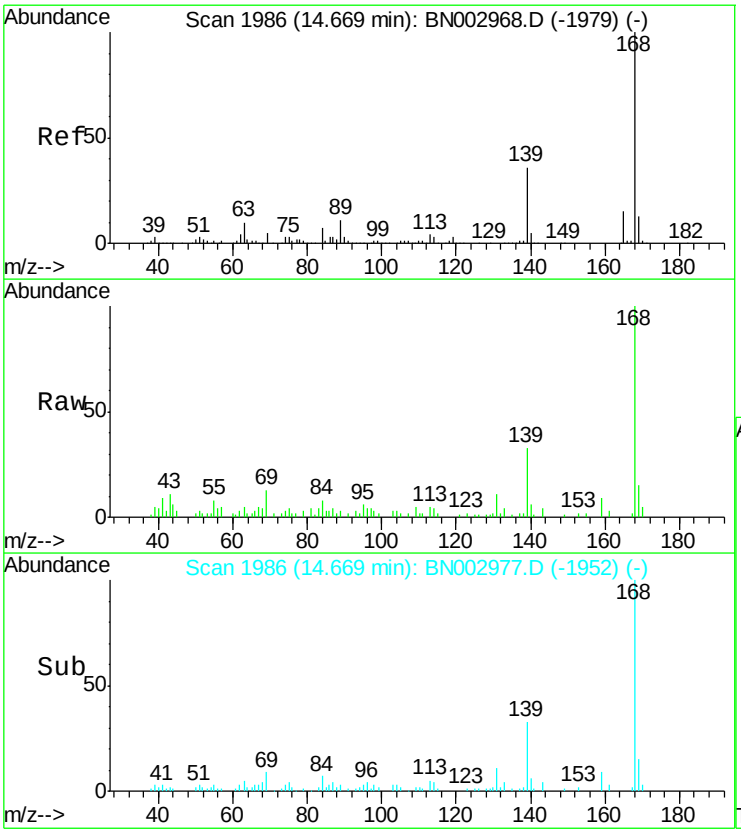
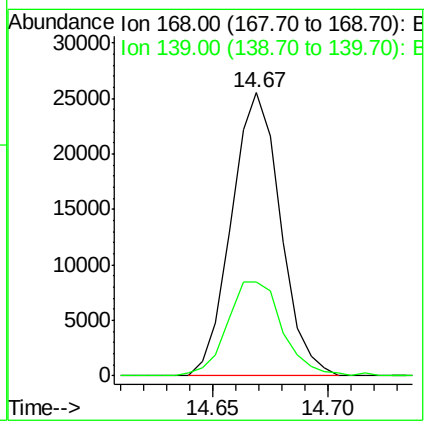
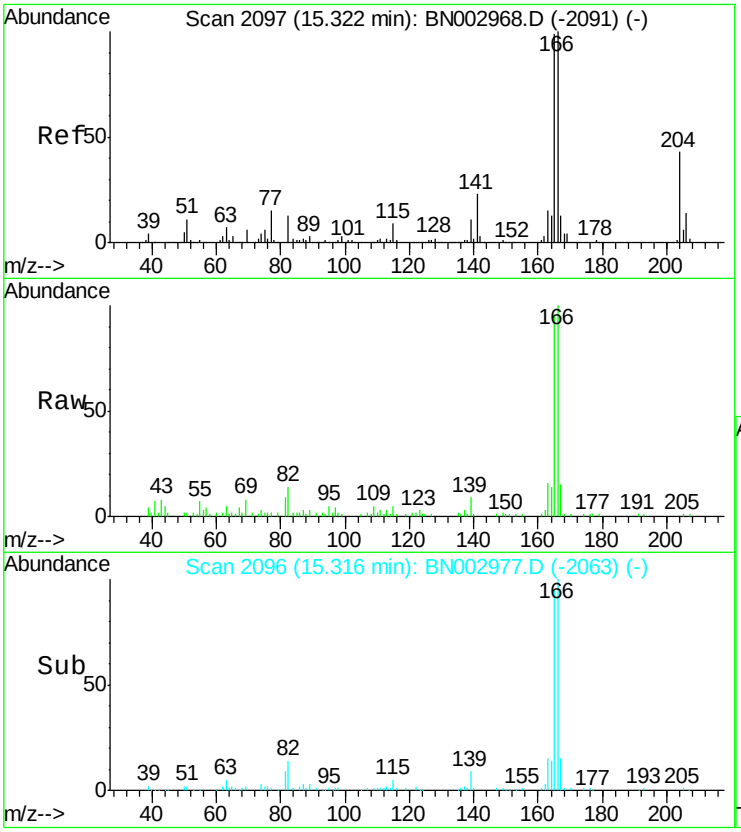


#53
Dibenzofuran
Concen: 1.088 ng/ul
RT: 14.67 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BN002977.D
Acq: 05 Oct 2018 23:41

Tgt Ion:168 Resp: 37869

Ion	Ratio	Lower	Upper
168	100		
139	33.2	29.4	44.2

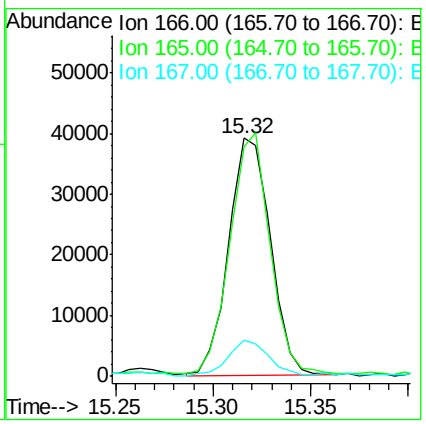




#58
Fluorene
Concen: 2.066 ng/ul
RT: 15.32 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BN002977.D
Acq: 05 Oct 2018 23:41

Tgt Ion:166 Resp: 57625

Ion	Ratio	Lower	Upper
166	100		
165	96.2	78.3	117.5
167	15.2	11.0	16.6



Instrument :
BNA_N
ClientSampleId :
JLC57

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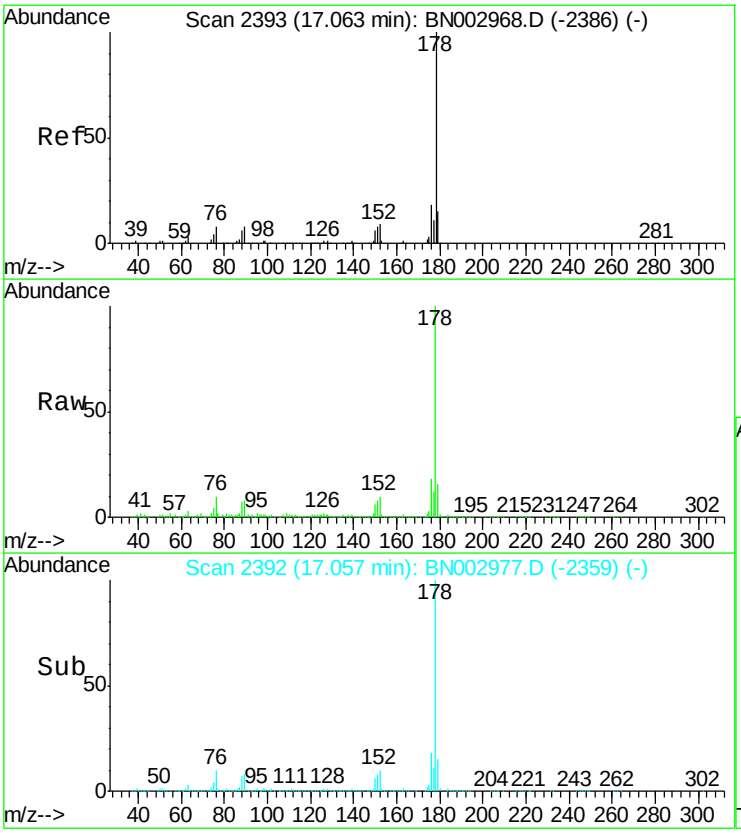
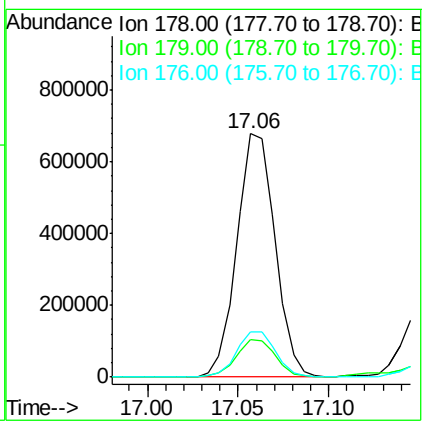
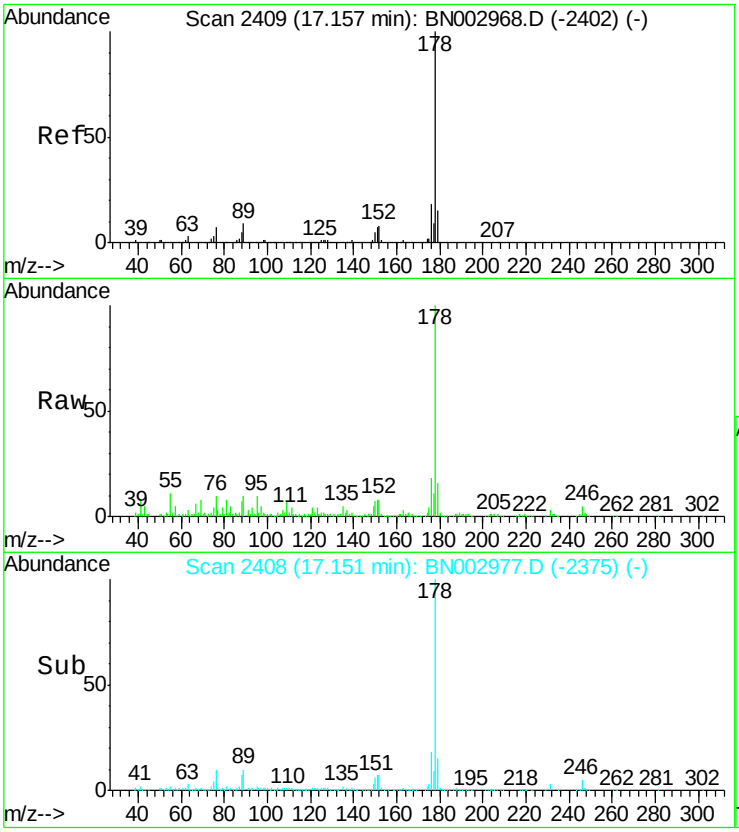


#69
Phenanthrene
Concen: 24.296 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BN002977.D
Acq: 05 Oct 2018 23:41

Tgt Ion:178 Resp: 988222

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	18.4	15.0	22.6

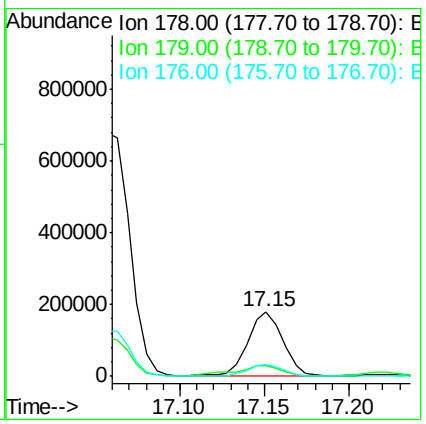




#71
Anthracene
Concen: 6.156 ng/ul
RT: 17.15 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BN002977.D
Acq: 05 Oct 2018 23:41

Tgt Ion:178 Resp: 253887

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.0	18.0
176	18.4	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
JLC57

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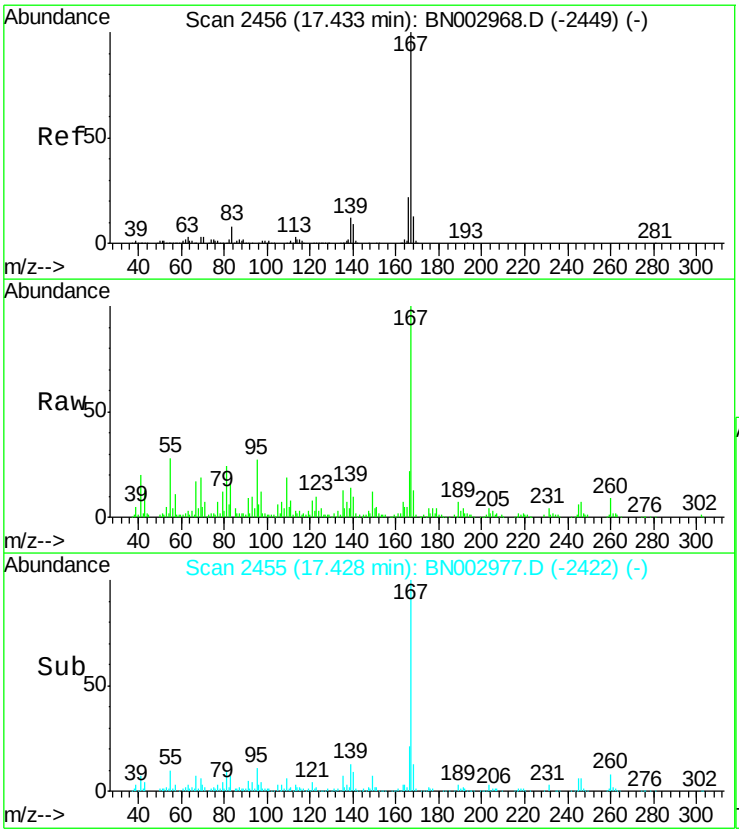
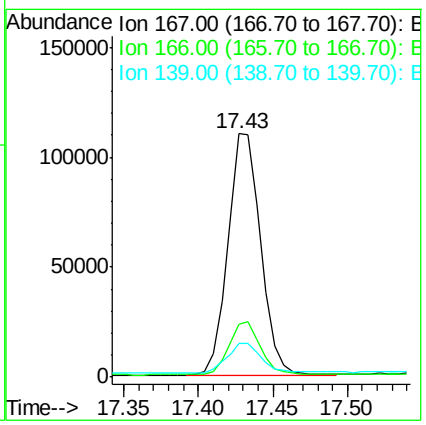
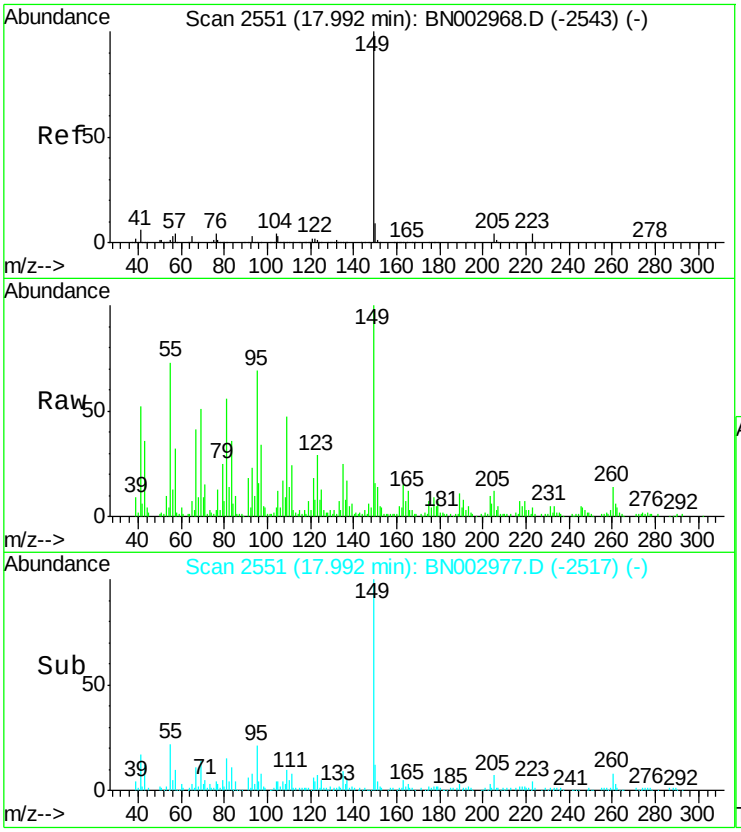


#74
Carbazole
Concen: 4.742 ng/ul
RT: 17.43 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BN002977.D
Acq: 05 Oct 2018 23:41

Tgt Ion:167 Resp: 167824

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.6
139	14.1	10.7	16.1





#75
Di-n-butylphthalate
Concen: 2.059 ng/ul
RT: 17.99 min Scan# 2551
Delta R.T. -0.00 min
Lab File: BN002977.D
Acq: 05 Oct 2018 23:41

Tgt Ion:149 Resp: 87412

Ion	Ratio	Lower	Upper
149	100		
150	15.8	7.3	10.9#
104	3.8	3.7	5.5

Instrument :
BNA_N
ClientSampleId :
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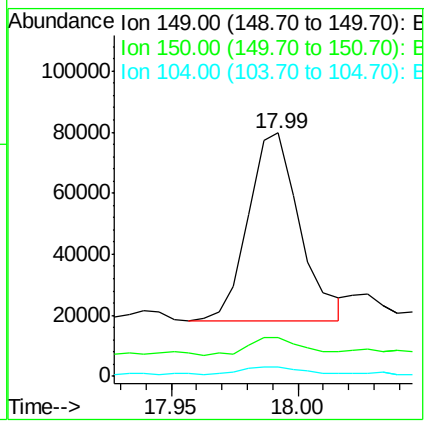
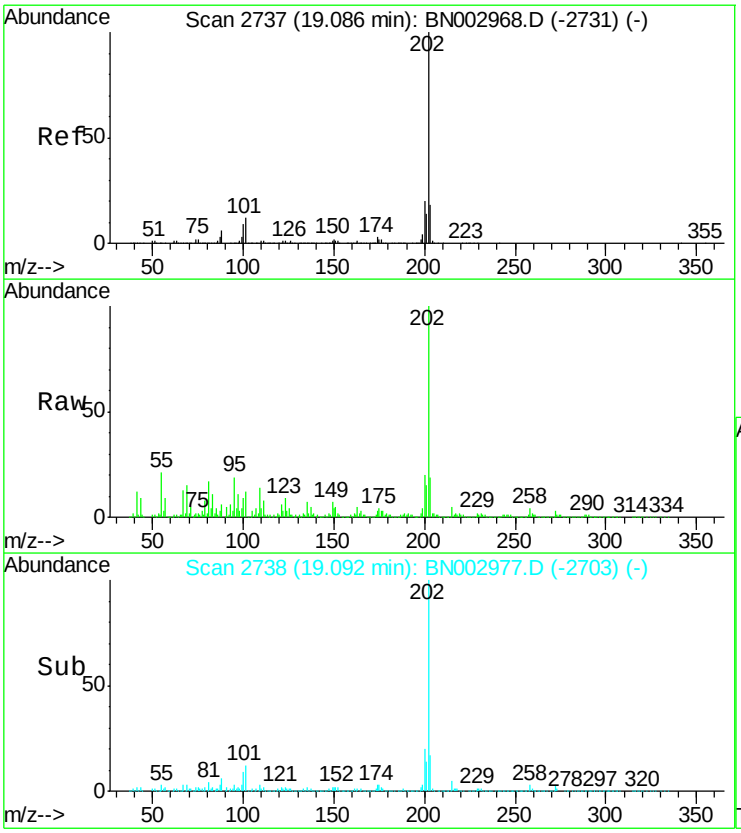
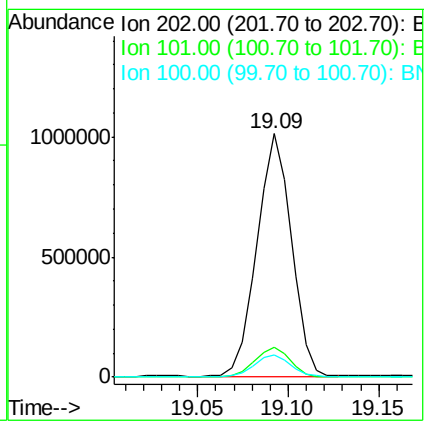


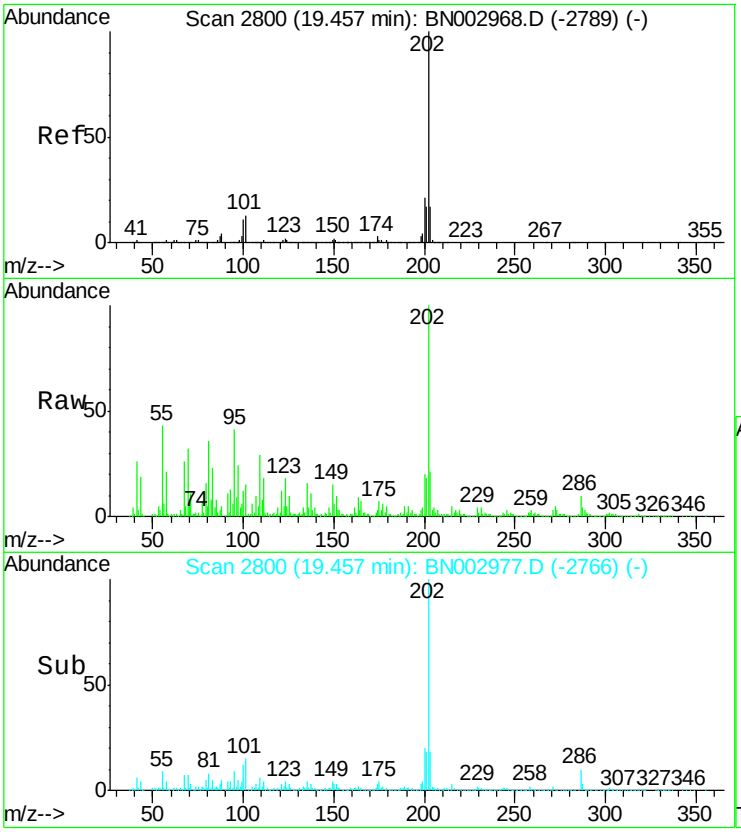


#76
Fluoranthene
Concen: 30.744 ng/ul
RT: 19.09 min Scan# 2738
Delta R.T. 0.01 min
Lab File: BN002977.D
Acq: 05 Oct 2018 23:41

Tgt Ion:202 Resp: 1333978

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.4	14.2
100	9.3	7.0	10.6

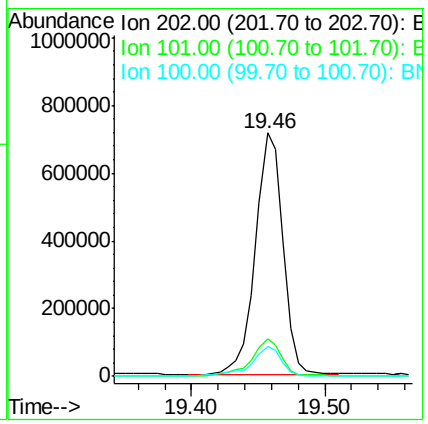




#79
Pyrene
Concen: 30.877 ng/ul
RT: 19.46 min Scan# 2800
Delta R.T. -0.00 min
Lab File: BN002977.D
Acq: 05 Oct 2018 23:41

Tgt Ion:202 Resp: 1008639

Ion	Ratio	Lower	Upper
202	100		
101	15.2	10.8	16.2
100	12.1	8.2	12.2



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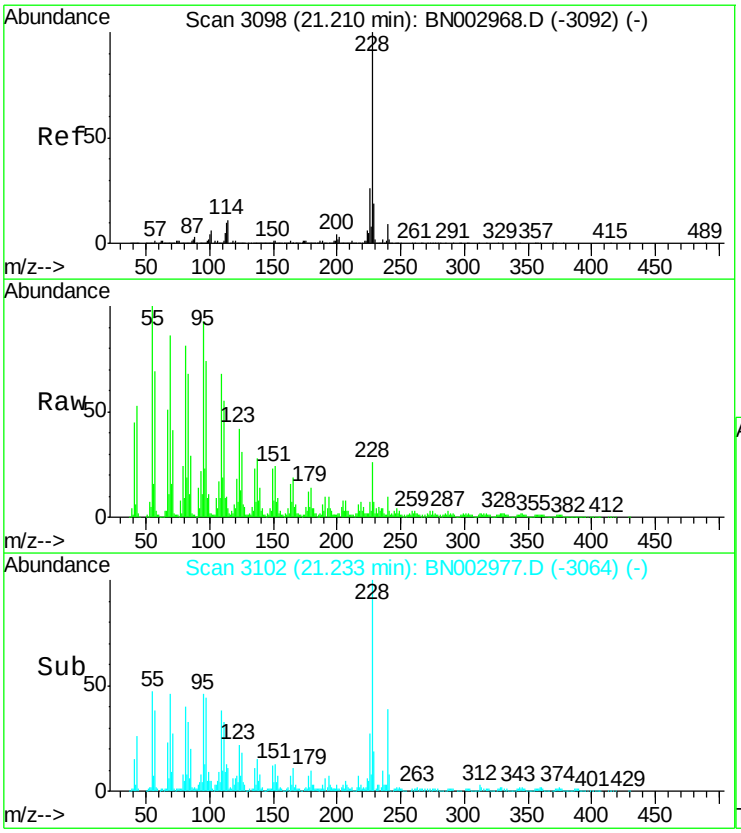
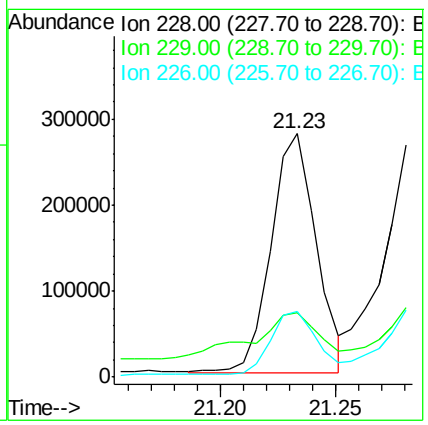
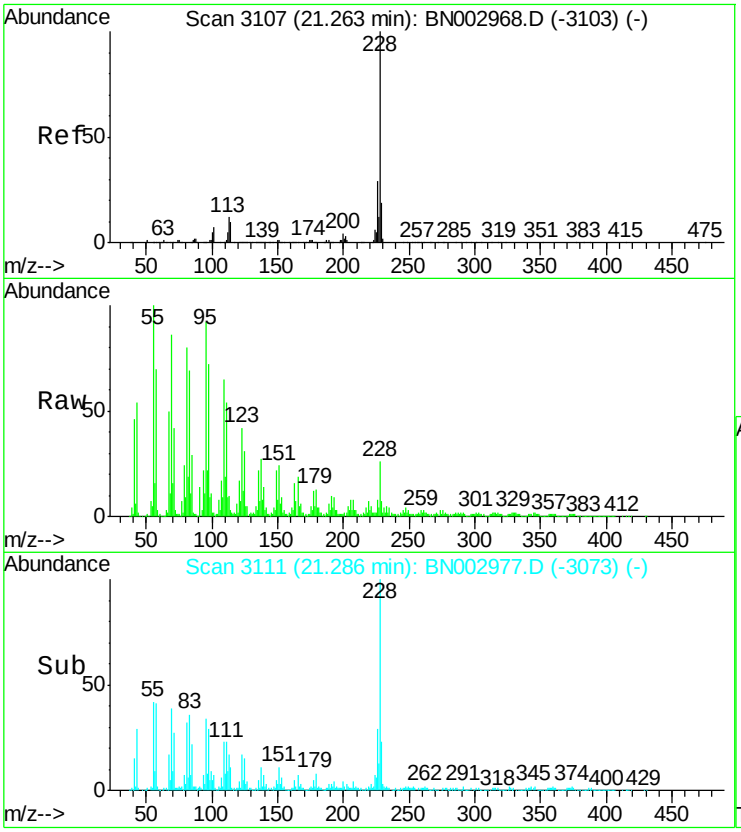


#82
Benzo(a)anthracene
Concen: 12.279 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. 0.02 min
Lab File: BN002977.D
Acq: 05 Oct 2018 23:41

Tgt Ion:228 Resp: 377405

Ion	Ratio	Lower	Upper
228	100		
229	26.4	15.8	23.6#
226	27.1	20.9	31.3





#84
Chrysene
Concen: 15.298 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. 0.02 min
Lab File: BN002977.D
Acq: 05 Oct 2018 23:41

Tgt Ion:228 Resp: 440715

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.0
229	29.4	15.7	23.5#

Instrument :
BNA_N
ClientSampleId :
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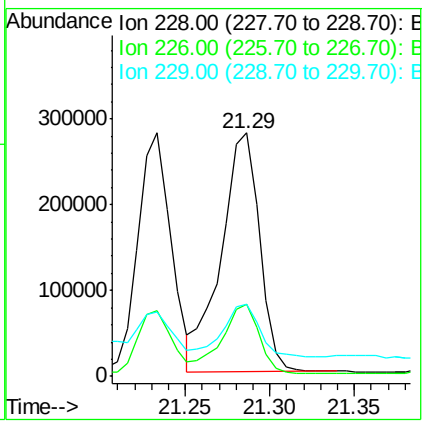
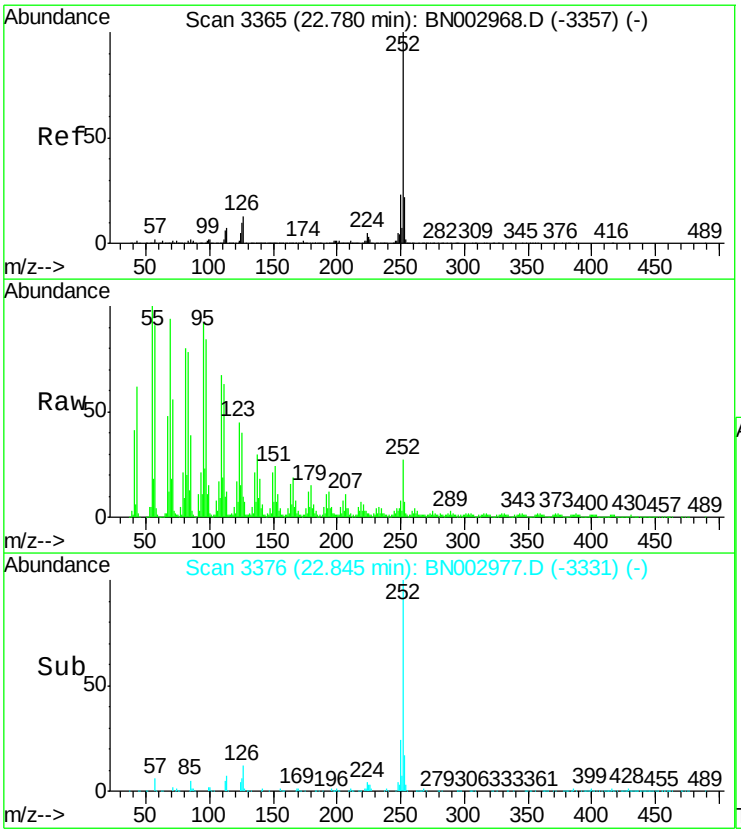
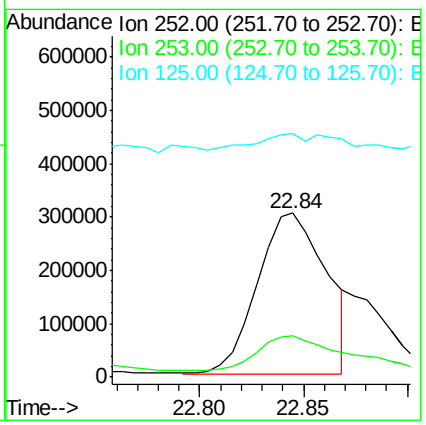


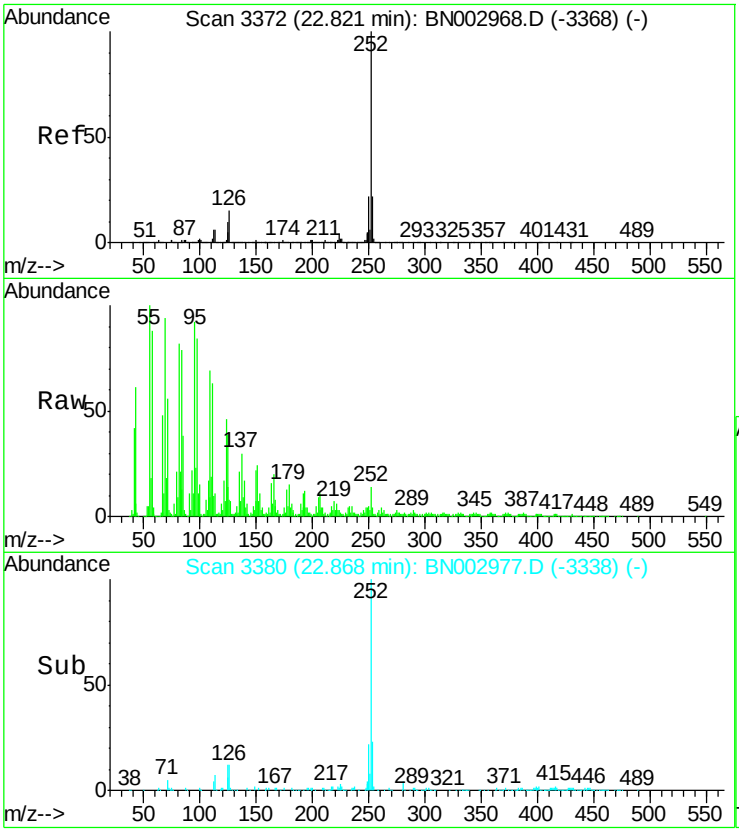


#87
Benzo(b)fluoranthene
Concen: 23.132 ng/ul m
RT: 22.84 min Scan# 3376
Delta R.T. 0.06 min
Lab File: BN002977.D
Acq: 05 Oct 2018 23:41

Tgt Ion:252 Resp: 700184

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.0	25.4
125	148.5	8.0	12.0#





#88
Benzo(k)fluoranthene
Concen: 7.598 ng/ul m
RT: 22.87 min Scan# 3380
Delta R.T. 0.05 min
Lab File: BN002977.D
Acq: 05 Oct 2018 23:41

Tgt Ion:252 Resp: 214553

Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.8	26.8#
125	274.9	8.3	12.5#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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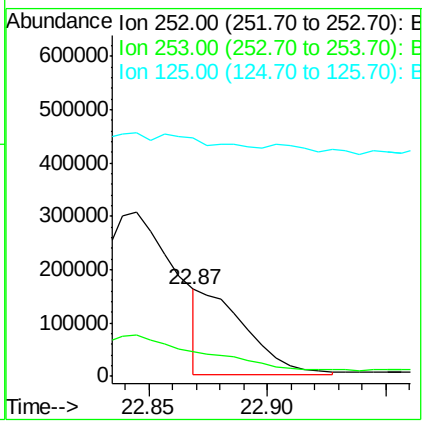
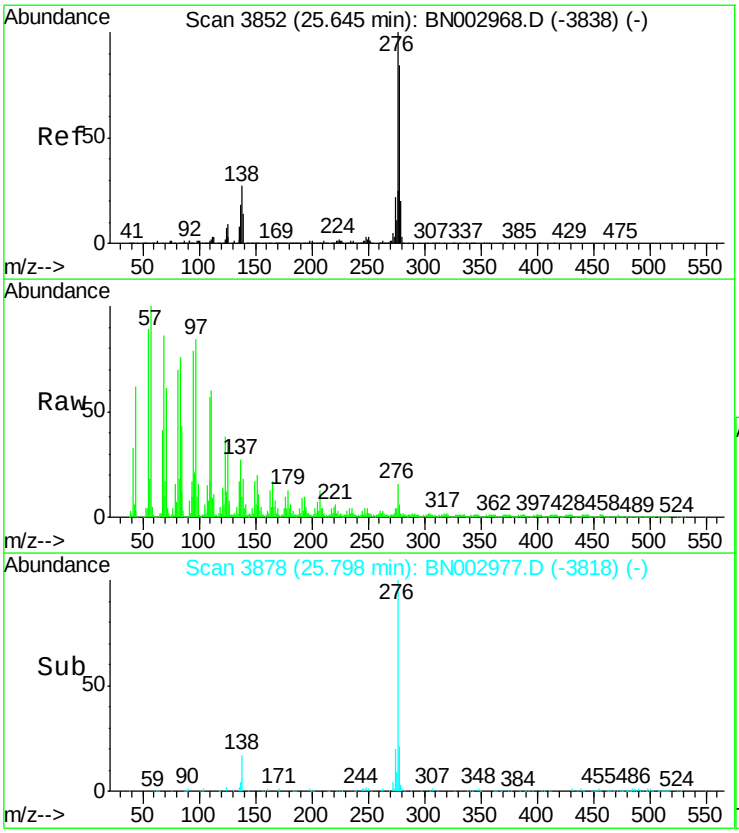
10/8/2018 5:53:48 PM

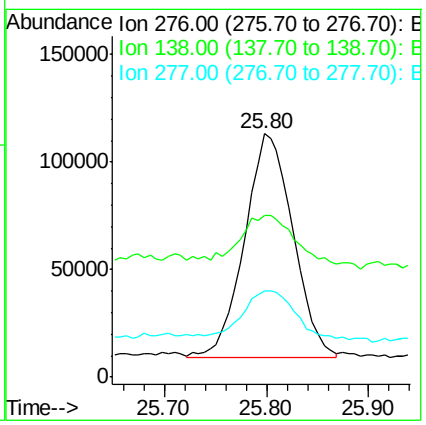


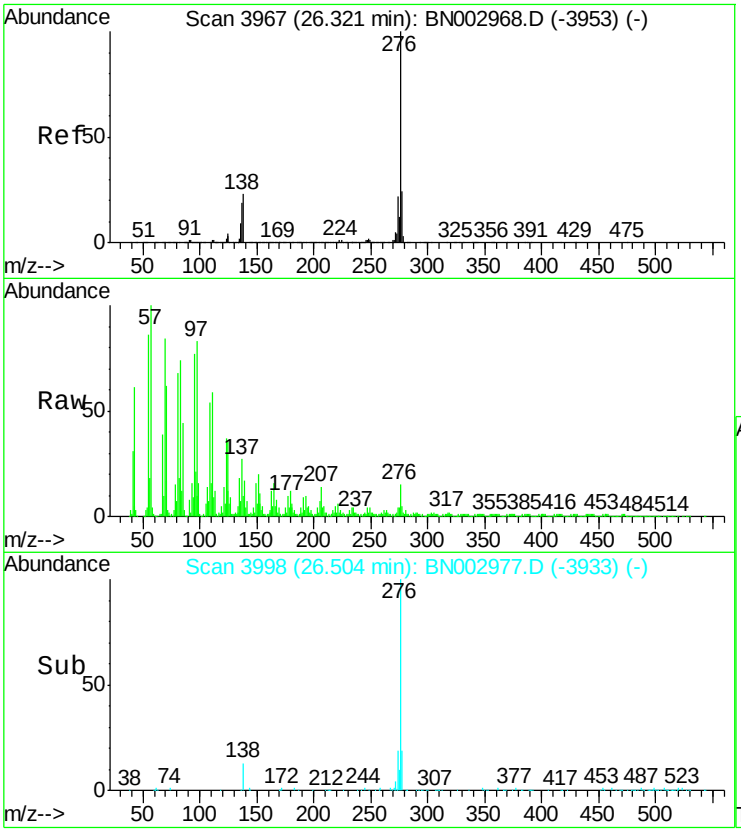


#91
Indeno(1,2,3-cd)pyrene
Concen: 10.119 ng/ul m
RT: 25.80 min Scan# 3878
Delta R.T. 0.15 min
Lab File: BN002977.D
Acq: 05 Oct 2018 23:41

Tgt Ion:276 Resp: 342796

Ion	Ratio	Lower	Upper
276	100		
138	66.5	20.2	30.4#
277	35.5	20.0	30.0#

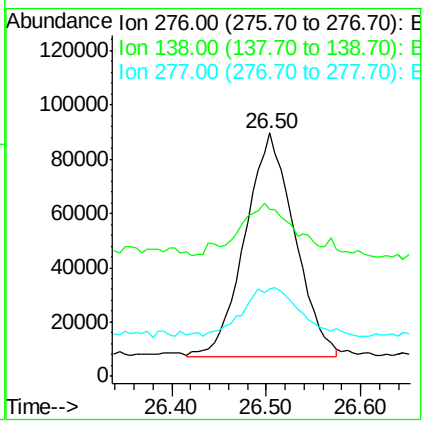




#93
Benzo(g,h,i)perylene
Concen: 10.644 ng/ul m
RT: 26.50 min Scan# 3998
Delta R.T. 0.18 min
Lab File: BN002977.D
Acq: 05 Oct 2018 23:41

Tgt Ion:276 Resp: 301445

Ion	Ratio	Lower	Upper
276	100		
138	68.7	18.2	27.2#
277	36.0	18.6	28.0#



Instrument :
BNA_N
ClientSampleId :
JLC57

Manual Integrations APPROVED
Sohil
10/8/2018 5:53:48 PM