

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100518\
 Data File : BN002948.D
 Acq On : 05 Oct 2018 00:18
 Operator : MJ/SJ
 Sample : J5184-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC26

Manual Integrations
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 10/5/2018 5:30:10 PM

Quant Time: Oct 17 08:15:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 05 02:27:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	145981	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	683414	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	409738	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	890828	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	663155	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	604693	20.00	ng/ul	0.01

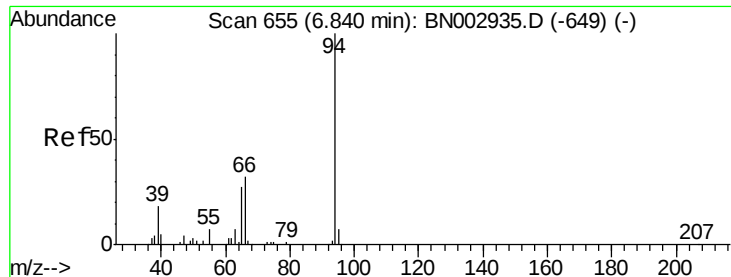
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	8208	2.59	ng/uL	0.00
5) Phenol-d5	6.82	99	203436	16.41	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.97	67	127217	16.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	173610	17.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	164329	17.11	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	86301	16.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	99869	16.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	180126	16.66	ng/ul	0.01
29) 4-Chloroaniline-d4	10.55	131	172081	13.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	562646	17.54	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	733354	17.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	68373	12.89	ng/ul	0.02
57) Fluorene-d10	15.26	176	513211	18.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	40619	7.29	ng/ul	0.00
70) Anthracene-d10	17.12	188	756073	17.78	ng/ul	0.00
78) Pyrene-d10	19.42	212	710940	20.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	564115	17.72	ng/ul	0.01

Target Compounds

					Qvalue	
6) Phenol	6.85	94	26645	2.132	ng/ul	93
44) Dimethylphthalate	13.73	163	376787	12.037	ng/ul	100
69) Phenanthrene	17.06	178	154252	3.143	ng/ul	97
75) Di-n-butylphthalate	17.99	149	152300	2.972	ng/ul	97
76) Fluoranthene	19.09	202	300110	5.732	ng/ul	99
79) Pyrene	19.45	202	340813	7.773	ng/ul	98
80) Butylbenzylphthalate	20.36	149	82102	4.500	ng/ul	97
82) Benzo(a)anthracene	21.21	228	177627m	4.306	ng/ul	
83) Bis(2-ethylhexyl)phthalate	21.14	149	596870	22.533	ng/ul	98
84) Chrysene	21.26	228	723135	18.701	ng/ul	99
87) Benzo(b)fluoranthene	22.78	252	501422	13.578	ng/ul#	85
88) Benzo(k)fluoranthene	22.82	252	123934m	3.597	ng/ul	
90) Benzo(a)pyrene	23.34	252	163647	4.687	ng/ul#	79
91) Indeno(1,2,3-cd)pyrene	25.65	276	245944	5.950	ng/ul	96
92) Dibenzo(a,h)anthracene	25.65	278	63328	1.818	ng/ul#	73
93) Benzo(g,h,i)perylene	26.32	276	309194	8.949	ng/ul	97

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



#6

Phenol

Concen: 2.132 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. 0.01 min

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Instrument :

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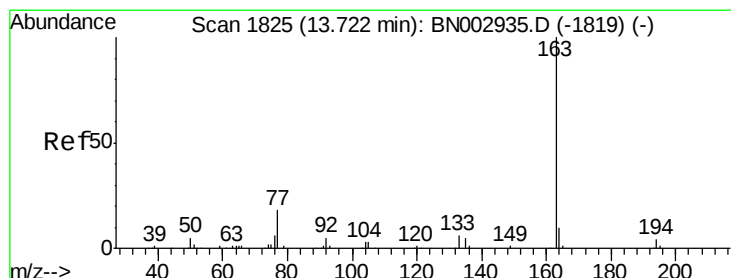
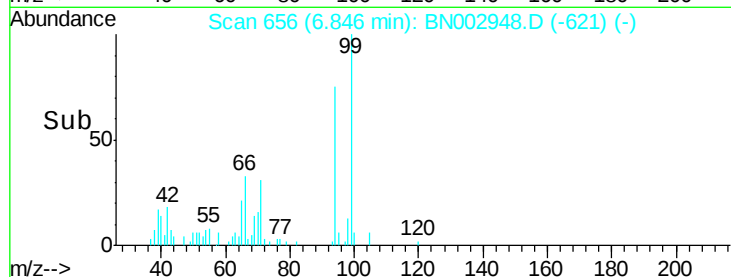
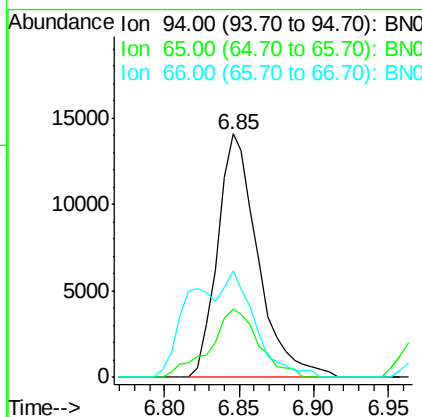
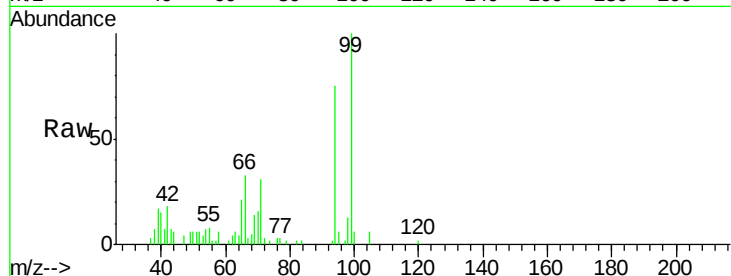
ClientSampled :

JLC26

Tgt Ion:	94	Resp:	26645
Ion Ratio	Lower	Upper	
94	100		
65	28.2	23.1	34.7
66	43.6	29.8	44.6

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#44

Dimethylphthalate

Concen: 12.037 ng/ul

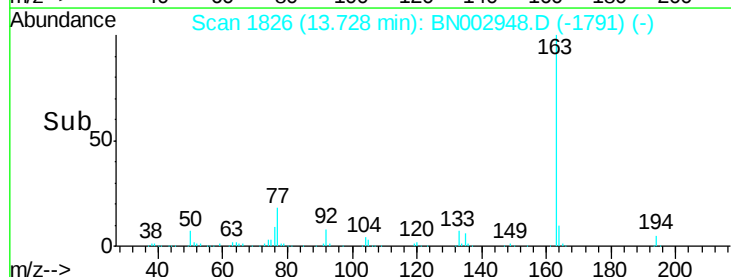
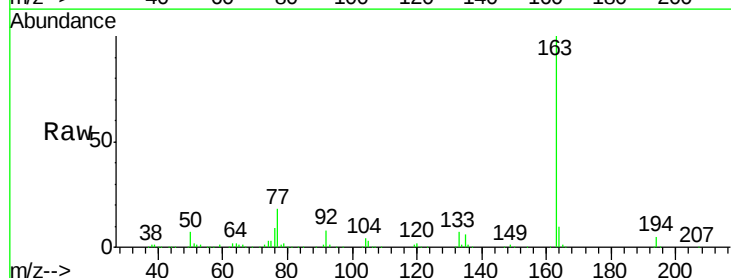
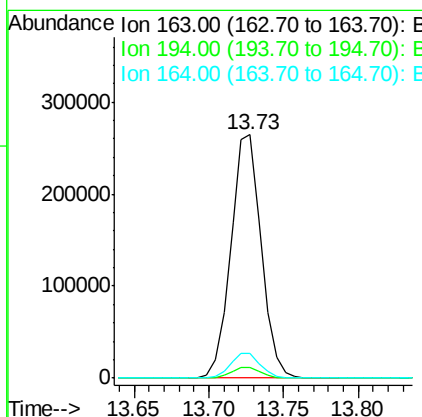
RT: 13.73 min Scan# 1826

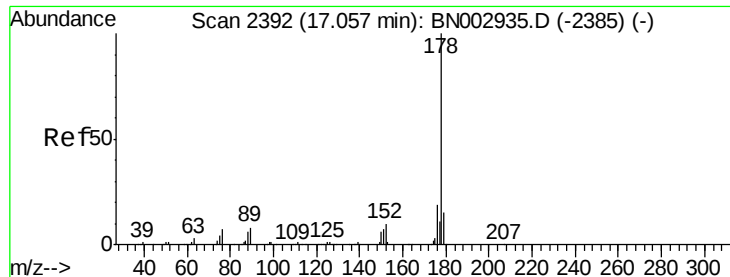
Delta R.T. 0.01 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

Tgt Ion:	163	Resp:	376787
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.5	5.3
164	10.0	8.1	12.1





#69

Phenanthrene

Concen: 3.143 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

Instrument :

BNA_N

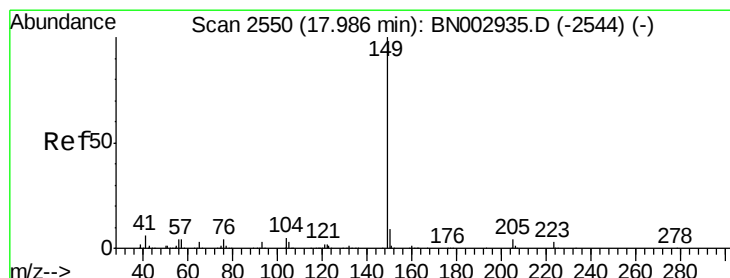
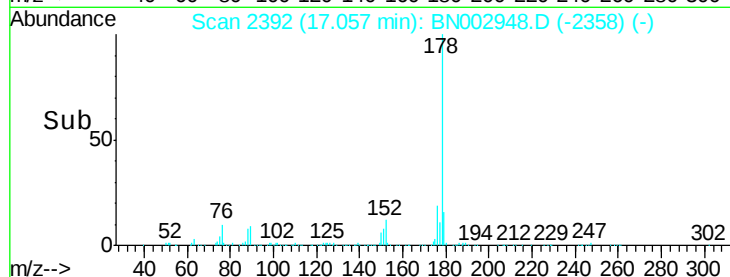
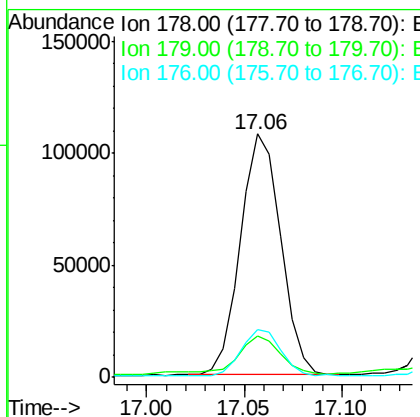
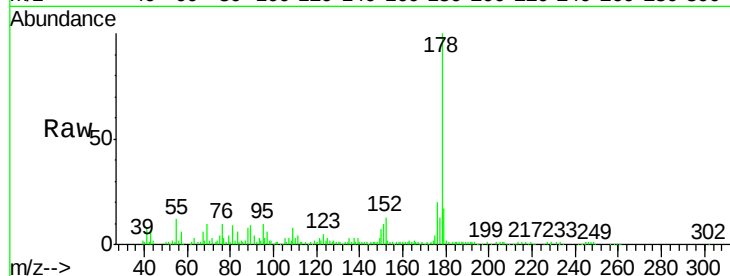
ClientSampleId :

JLC26

Tgt Ion:	178	Resp:	154252
Ion Ratio	Lower	Upper	
178	100		
179	17.0	12.2	18.4
176	19.8	15.0	22.6

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#75

Di-n-butylphthalate

Concen: 2.972 ng/ul

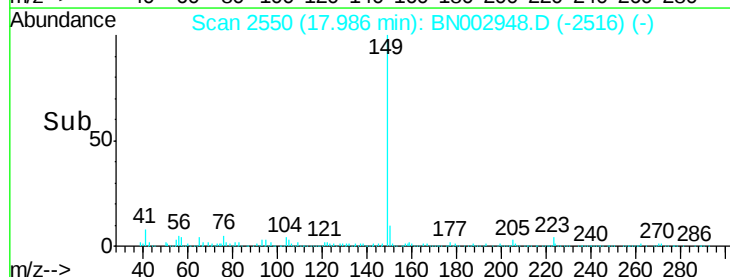
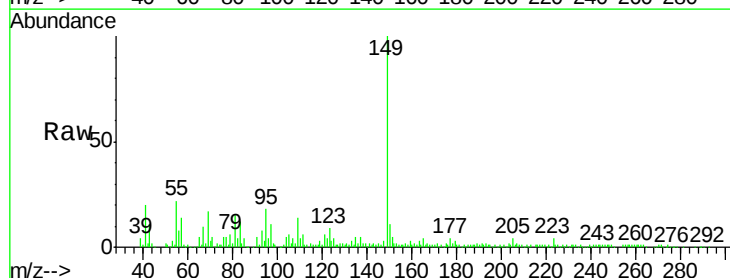
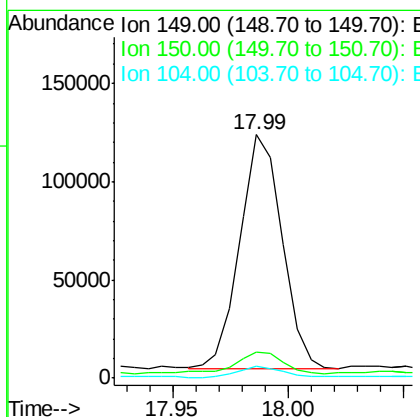
RT: 17.99 min Scan# 2550

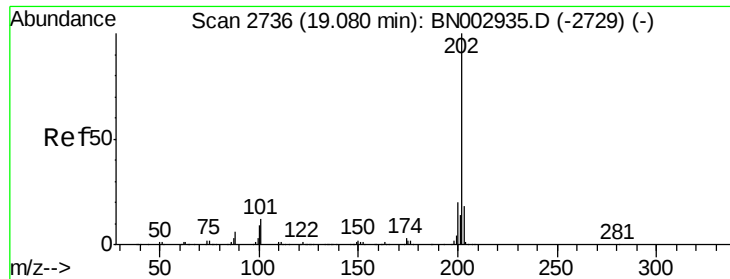
Delta R.T. -0.00 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

Tgt Ion:	149	Resp:	152300
Ion Ratio	Lower	Upper	
149	100		
150	10.9	7.3	10.9
104	4.7	3.7	5.5





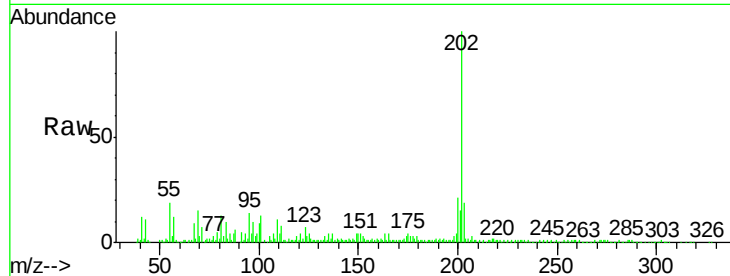
#76
Fluoranthene
Concen: 5.732 ng/ul
RT: 19.09 min Scan# 2737
Delta R.T. 0.01 min
Lab File: BN002948.D
Acq: 05 Oct 2018 00:18

Instrument :
BNA_N
ClientSampleId :
JLC26

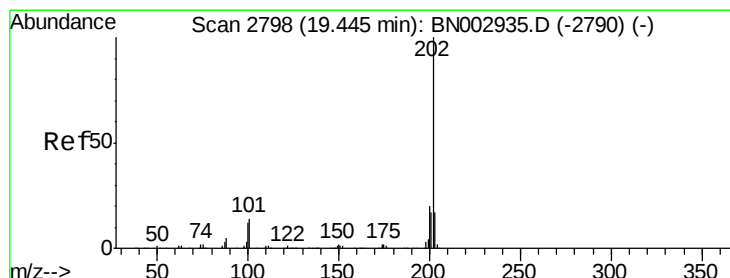
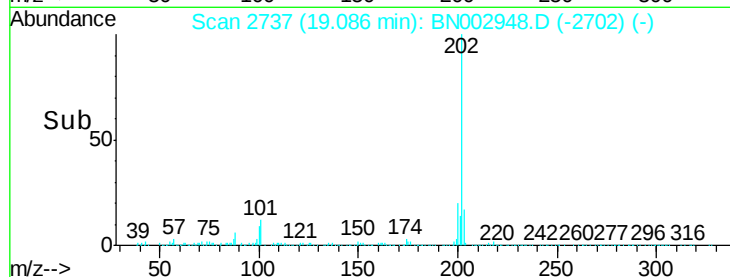
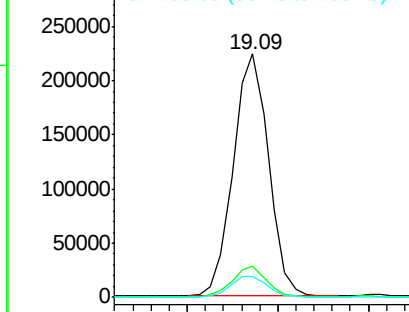
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.8	9.4	14.2
100	8.8	7.0	10.6

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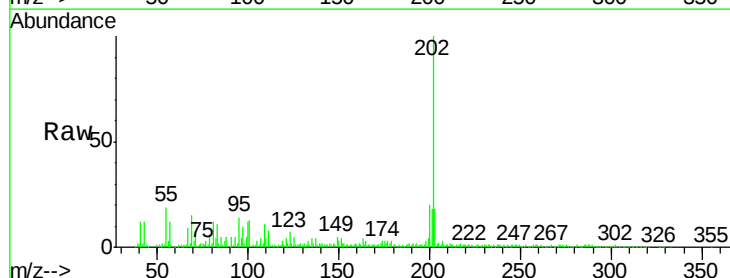


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

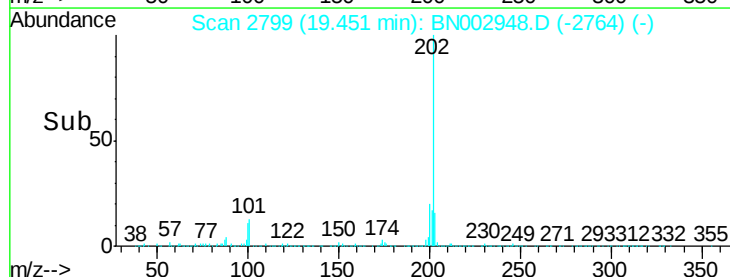
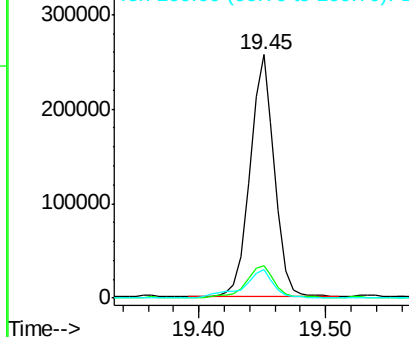


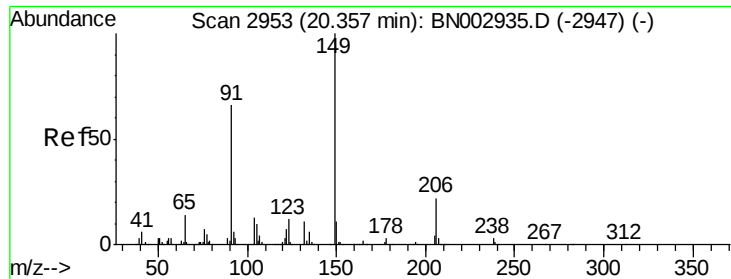
#79
Pyrene
Concen: 7.773 ng/ul
RT: 19.45 min Scan# 2799
Delta R.T. 0.01 min
Lab File: BN002948.D
Acq: 05 Oct 2018 00:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.1	10.8	16.2
100	11.6	8.2	12.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





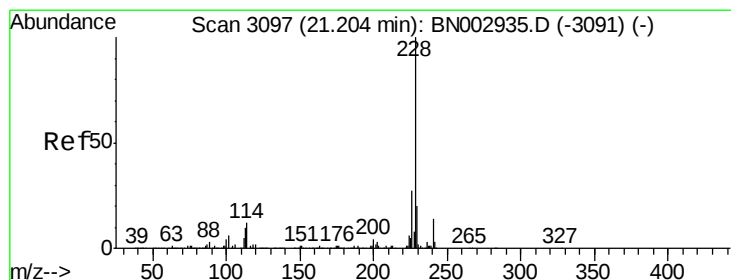
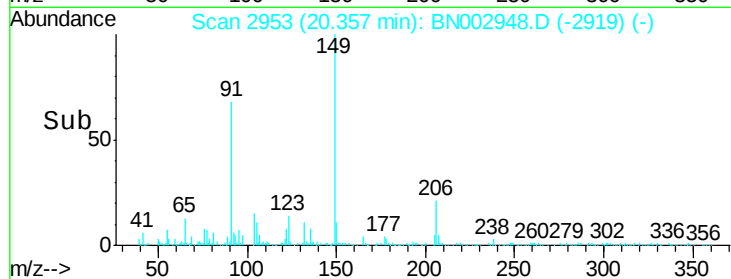
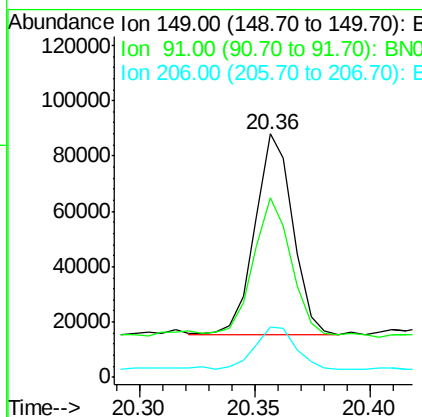
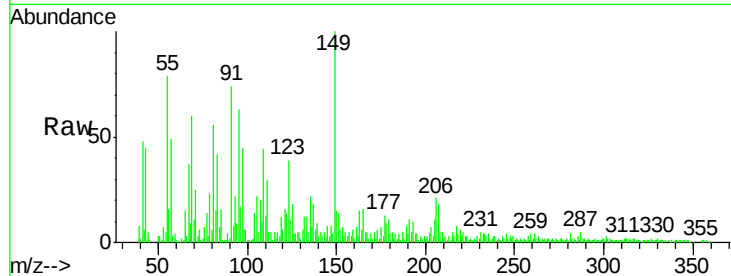
#80
Butylbenzylphthalate
Concen: 4.500 ng/ul
RT: 20.36 min Scan# 2953
Delta R.T. -0.00 min
Lab File: BN002948.D
Acq: 05 Oct 2018 00:18

Instrument :
BNA_N
ClientSampleId :
JLC26

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.7	56.3	84.5
206	20.7	16.8	25.2

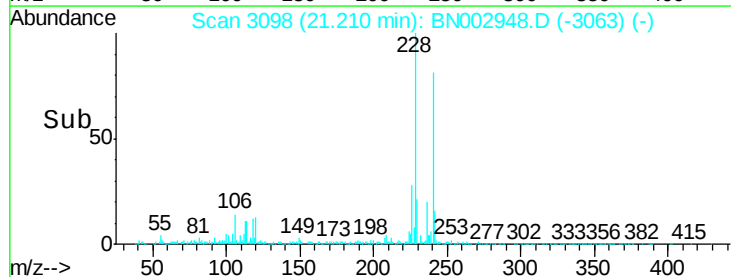
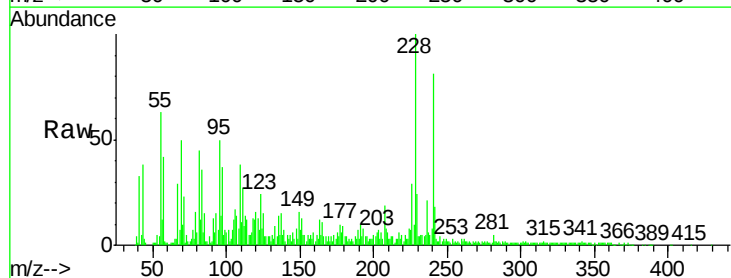
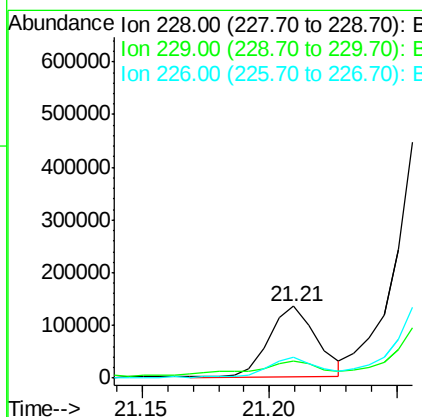
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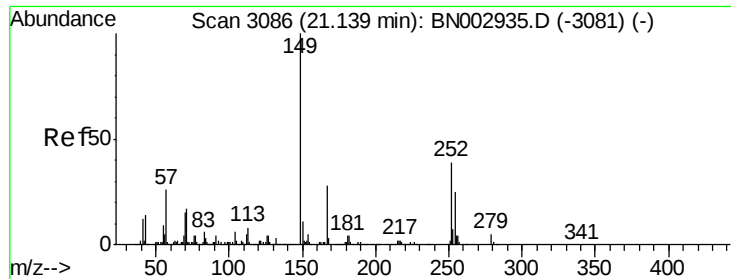
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#82
Benzo(a)anthracene
Concen: 4.306 ng/ul m
RT: 21.21 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BN002948.D
Acq: 05 Oct 2018 00:18

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.2	15.8	23.6#
226	28.7	20.9	31.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 22.533 ng/ul

RT: 21.14 min Scan# 3087

Delta R.T. 0.01 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

Instrument :

BNA_N

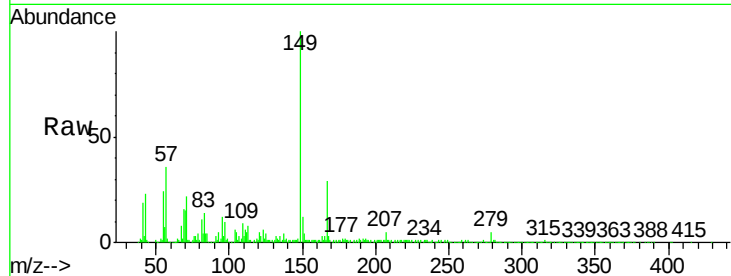
ClientSampleId :

JLC26

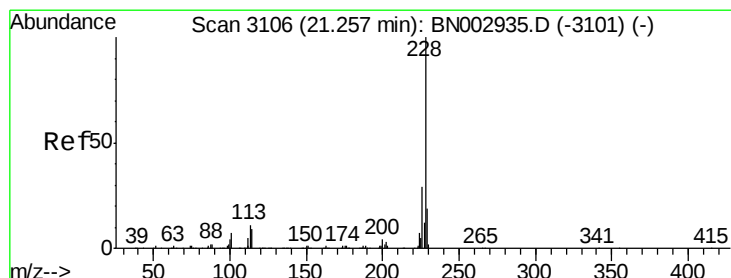
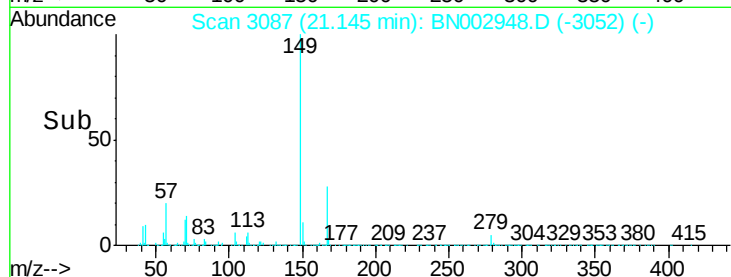
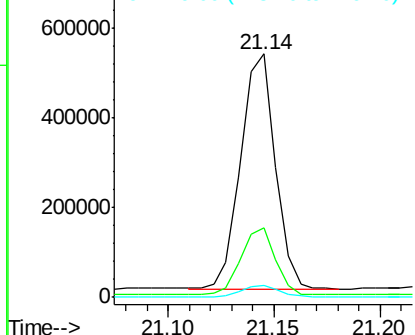
Tgt Ion:	149	Resp:	596870
Ion Ratio	Lower	Upper	
149	100		
167	28.6	22.0	33.0
279	4.9	3.3	4.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Chrysene

Concen: 18.701 ng/ul

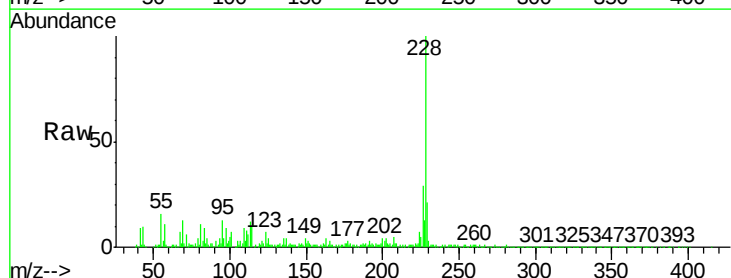
RT: 21.26 min Scan# 3107

Delta R.T. 0.01 min

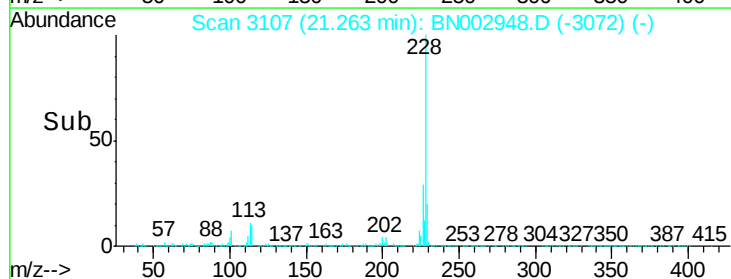
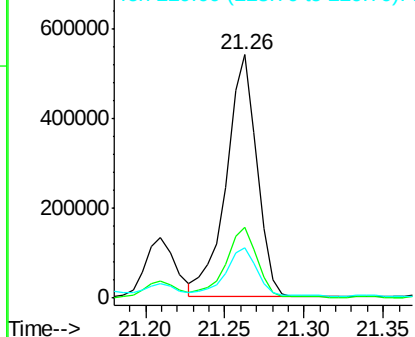
Lab File: BN002948.D

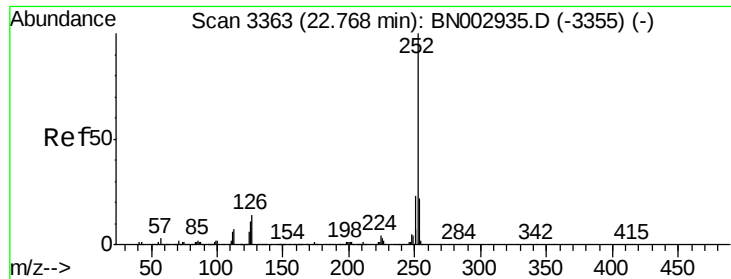
Acq: 05 Oct 2018 00:18

Tgt Ion:	228	Resp:	723135
Ion Ratio	Lower	Upper	
228	100		
226	28.8	23.4	35.0
229	20.8	15.7	23.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 13.578 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. 0.01 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

Instrument :

BNA_N

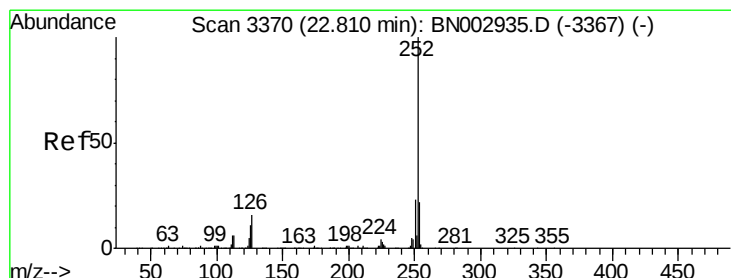
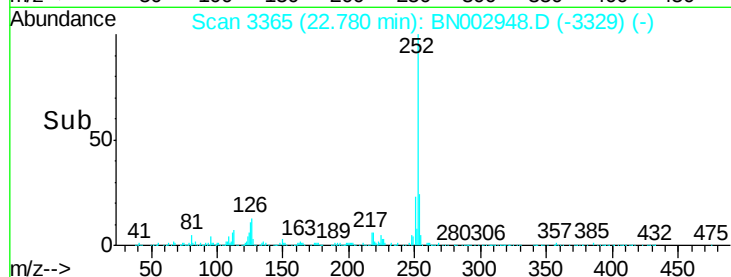
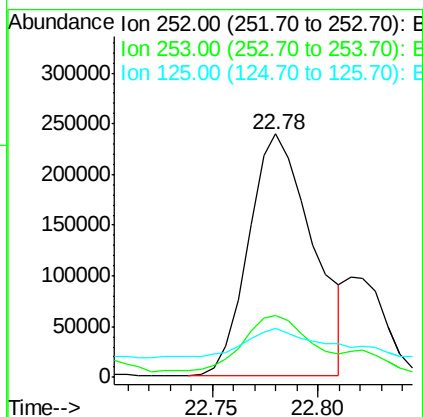
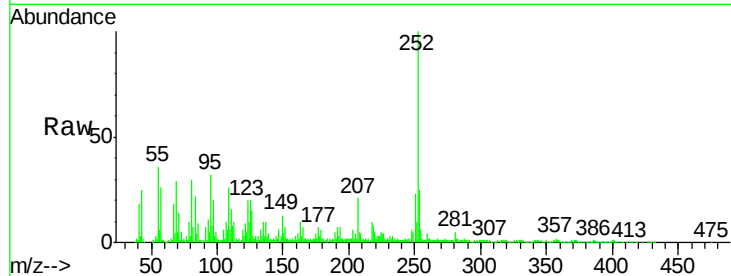
ClientSampleId :

JLC26

Tgt Ion:	252	Resp:	501422
Ion Ratio		Lower	Upper
252	100		
253	25.5	17.0	25.4#
125	20.0	8.0	12.0#

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#88

Benzo(k)fluoranthene

Concen: 3.597 ng/ul m

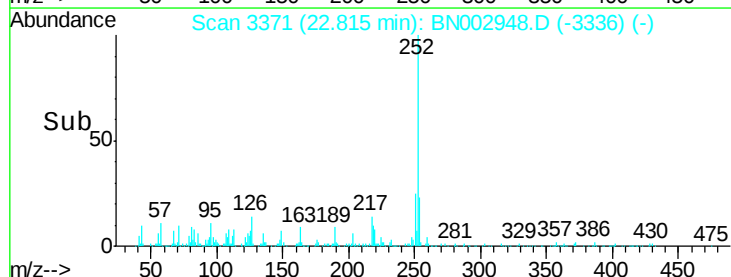
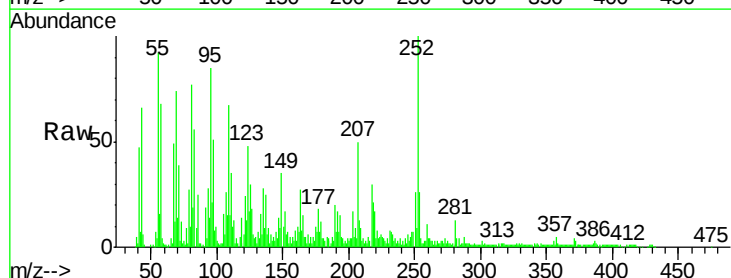
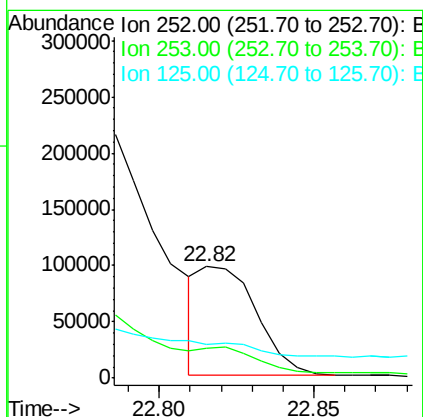
RT: 22.82 min Scan# 3371

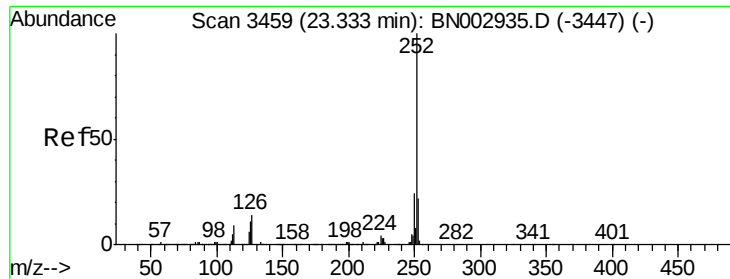
Delta R.T. 0.01 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

Tgt Ion:	252	Resp:	123934
Ion Ratio		Lower	Upper
252	100		
253	26.5	17.8	26.8
125	30.2	8.3	12.5#





#90

Benzo(a)pyrene

Concen: 4.687 ng/ul

RT: 23.34 min Scan# 3461

Delta R.T. 0.01 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

Instrument :

BNA_N

ClientSampled :

JLC26

Tgt Ion: 252 Resp: 163647
Ion Ratio Lower Upper

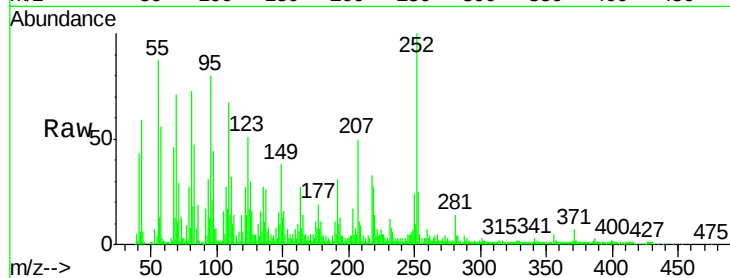
252 100

253 25.2 17.6 26.4

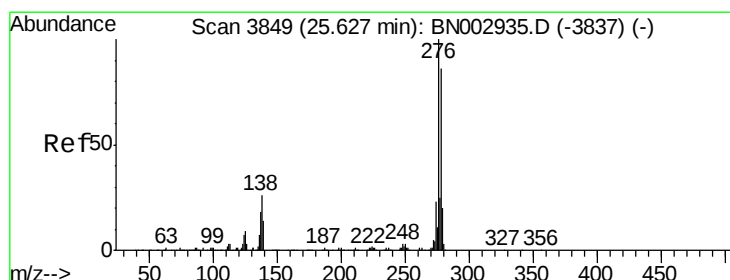
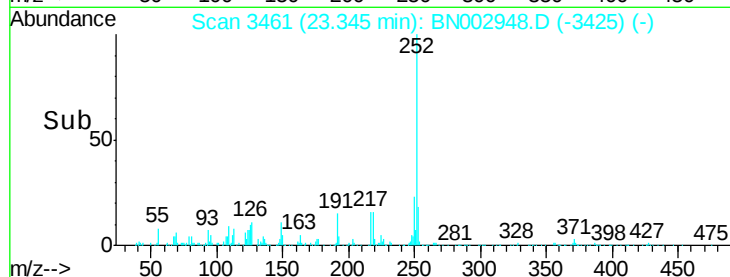
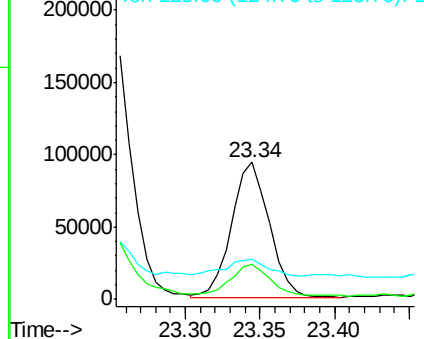
125 29.5 8.8 13.2#

Manual Integrations
APPROVED

Sohil
10/5/2018 5:30:10 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 5.950 ng/ul

RT: 25.65 min Scan# 3853

Delta R.T. 0.02 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

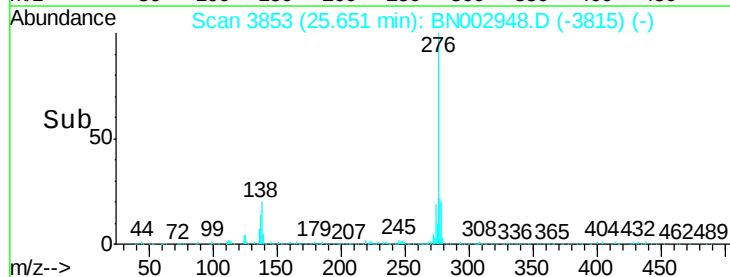
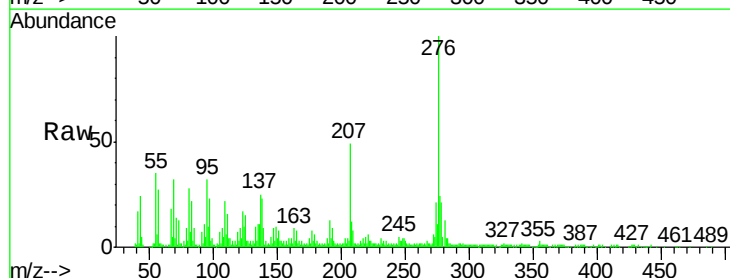
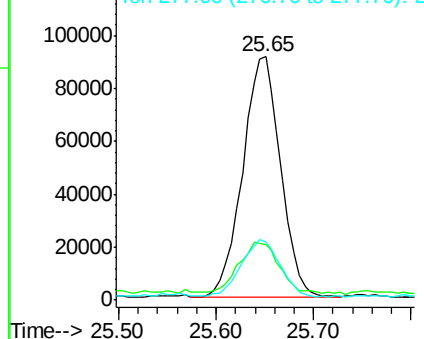
Tgt Ion: 276 Resp: 245944
Ion Ratio Lower Upper

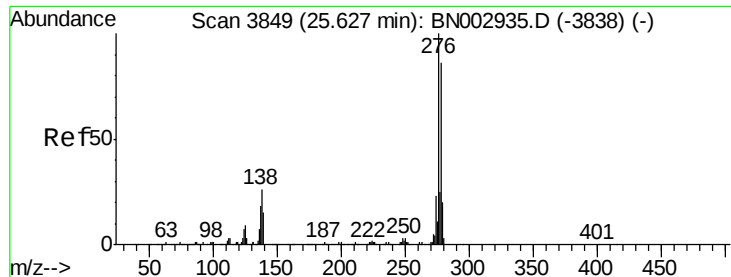
276 100

138 22.6 20.2 30.4

277 23.7 20.0 30.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 1.818 ng/ul

RT: 25.65 min Scan# 3853

Delta R.T. 0.02 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

Instrument :

BNA_N

ClientSampled :

JLC26

Tgt Ion:278 Resp: 63328

Ion Ratio Lower Upper

278 100

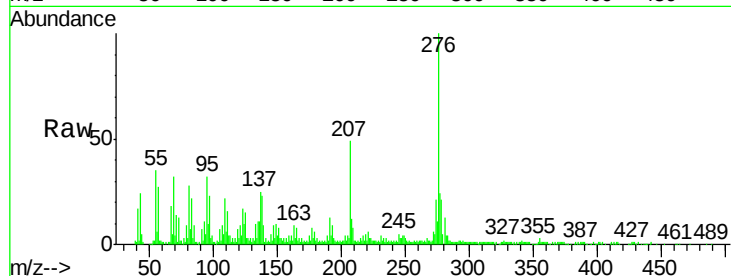
139 41.0 12.7 19.1#

279 25.6 18.7 28.1

Manual Integrations
APPROVED

Sohil

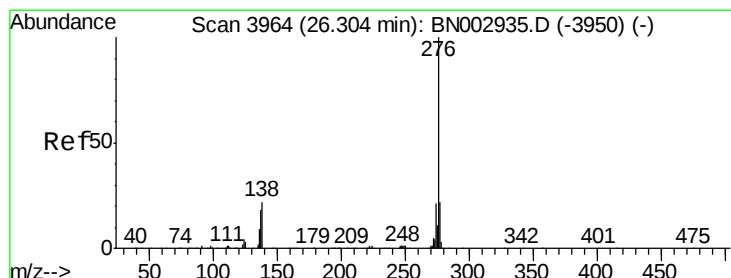
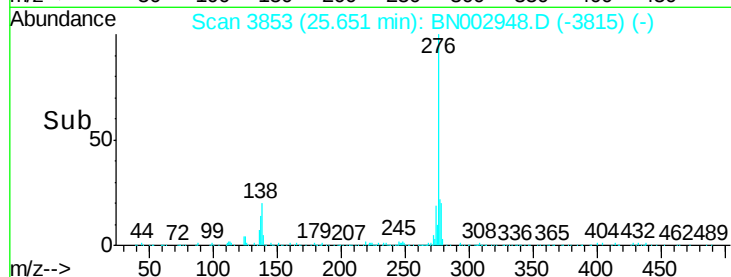
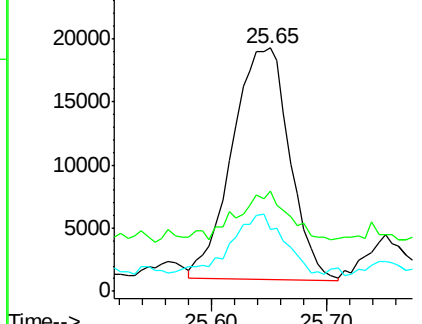
10/5/2018 5:30:10 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 8.949 ng/ul

RT: 26.32 min Scan# 3967

Delta R.T. 0.02 min

Lab File: BN002948.D

Acq: 05 Oct 2018 00:18

Tgt Ion:276 Resp: 309194

Ion Ratio Lower Upper

276 100

138 24.3 18.2 27.2

277 25.1 18.6 28.0

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

