

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
 Data File : BN001945.D
 Acq On : 03 Jul 2018 16:06
 Operator : JU/SJ
 Sample : J3721-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H22

Manual Integrations
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Quant Time: Jul 04 01:09:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 04 00:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	652168	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2983845	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1736770	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3821037	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	3129165	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2746786	20.00	ng/ul	0.01

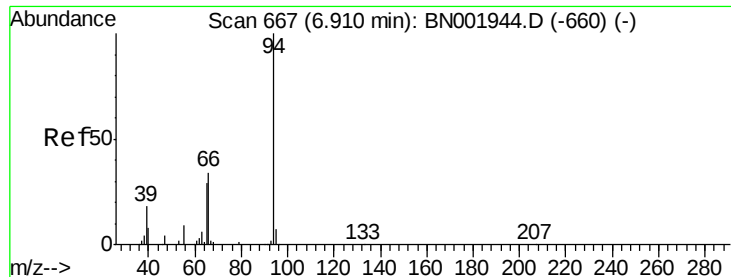
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	45271	3.01	ng/uL	0.00
5) Phenol-d5	6.88	99	1043473	17.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	685750	18.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	864570	18.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	844409	17.86	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	437628	19.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	481445	20.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	928190	18.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	941865	18.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2901716	19.78	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	3668218	20.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	380366	14.08	ng/ul	0.00
57) Fluorene-d10	15.33	176	2578447	20.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	397119	19.08	ng/ul	0.00
70) Anthracene-d10	17.18	188	3925296	21.26	ng/ul	0.00
76) Pyrene-d10	19.49	212	4098178	25.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	3172176	21.24	ng/ul	0.02

Target Compounds

					Qvalue	
6) Phenol	6.91	94	128088	2.152	ng/ul	98
28) Naphthalene	10.53	128	285187	1.801	ng/ul	98
44) Dimethylphthalate	13.80	163	1502480	10.423	ng/ul	99
47) Acenaphthylene	14.06	152	1296720	7.420	ng/ul	100
69) Phenanthrene	17.12	178	695637	3.232	ng/ul	99
71) Anthracene	17.22	178	1497320	6.872	ng/ul	98
72) Carbazole	17.49	167	404829	2.218	ng/ul	97
74) Fluoranthene	19.15	202	9612881	42.487	ng/ul#	89
77) Pyrene	19.52	202	14455794	73.821	ng/ul#	71
80) Benzo(a)anthracene	21.27	228	9457923m	47.824	ng/ul	
82) Chrysene	21.32	228	9659784	52.497	ng/ul	96
85) Benzo(b)fluoranthene	22.86	252	17917463	103.279	ng/ul#	92
86) Benzo(k)fluoranthene	22.90	252	5151634m	30.622	ng/ul	
88) Benzo(a)pyrene	23.43	252	9879295	60.938	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	25.76	276	6722576	38.970	ng/ul#	90
90) Dibenzo(a,h)anthracene	25.76	278	1745732	12.159	ng/ul#	89
91) Benzo(g,h,i)perylene	26.44	276	5341115	37.534	ng/ul#	92

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



#6

Phenol

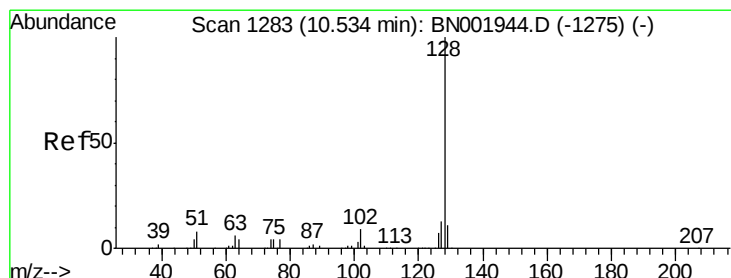
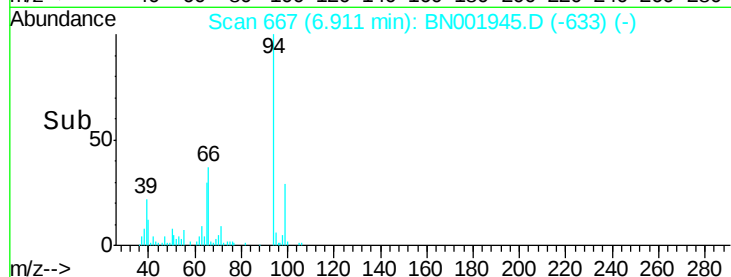
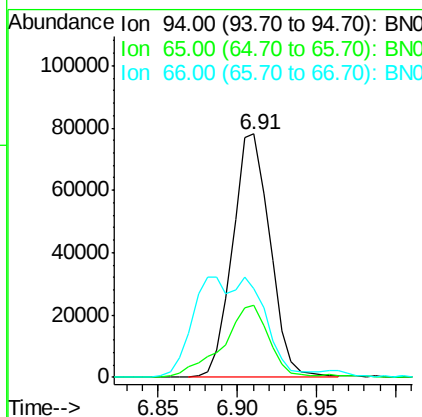
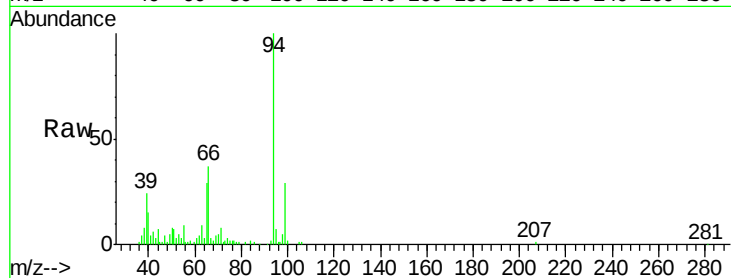
Concen: 2.152 ng/ul
 RT: 6.91 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BN001945.D
 Acq: 03 Jul 2018 16:06

Instrument :
 BNA_N
 ClientSampled :
 F1H22

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.4	23.0	34.6
66	36.5	30.4	45.6

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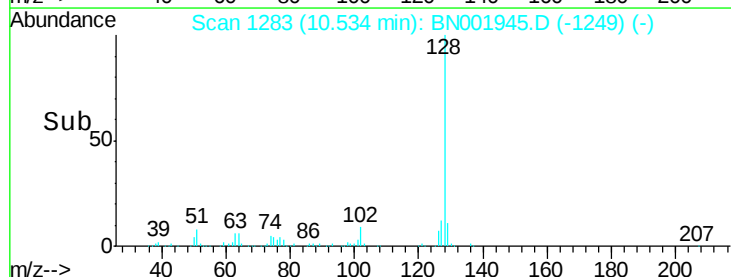
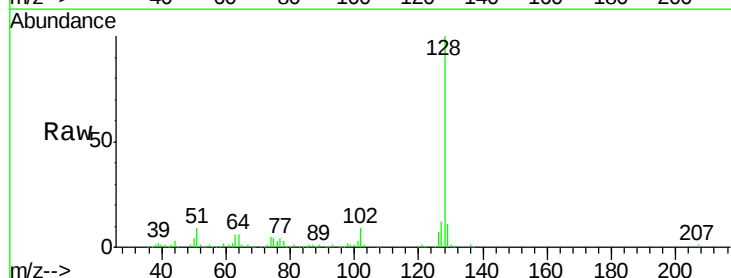
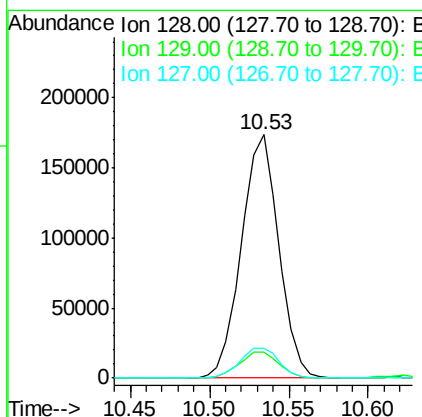


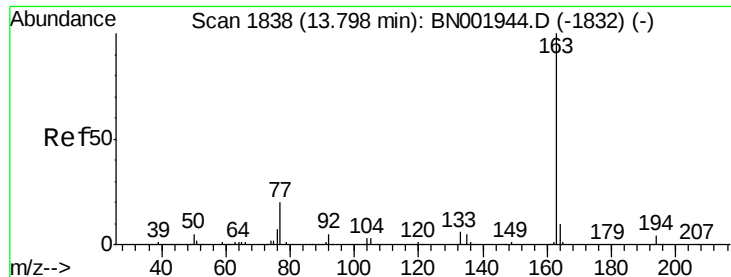
#28

Naphthalene

Concen: 1.801 ng/ul
 RT: 10.53 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BN001945.D
 Acq: 03 Jul 2018 16:06

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.3	12.5
127	12.5	10.8	16.2





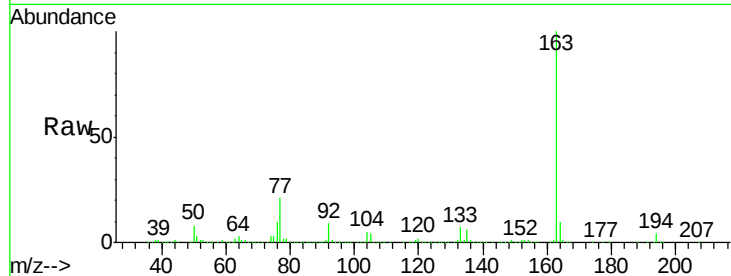
#44
Dimethylphthalate
Concen: 10.423 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BN001945.D
Acq: 03 Jul 2018 16:06

Instrument :
BNA_N
ClientSampleId :
F1H22

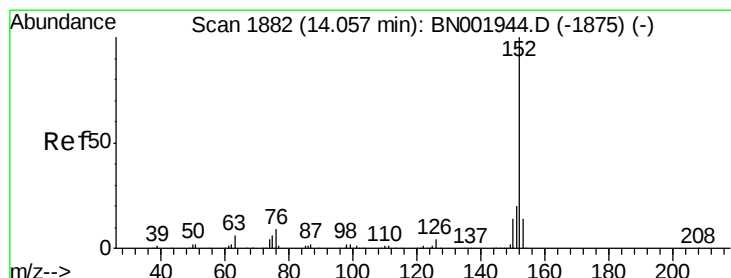
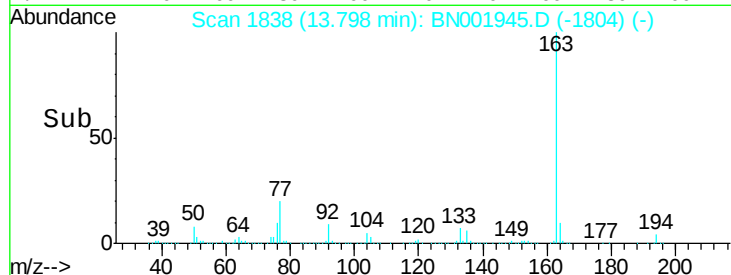
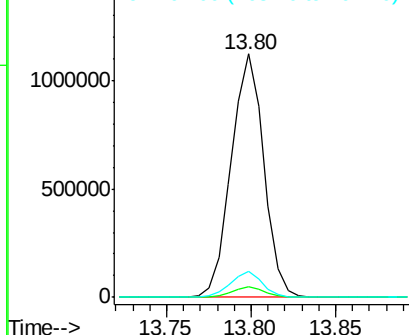
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	4.0	6.0
164	10.5	8.4	12.6

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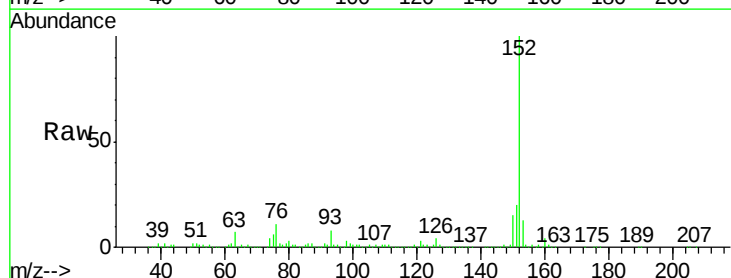


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

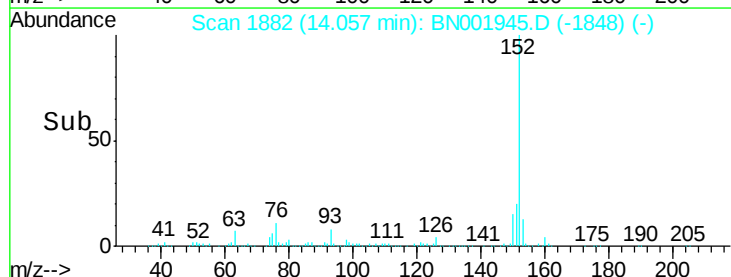
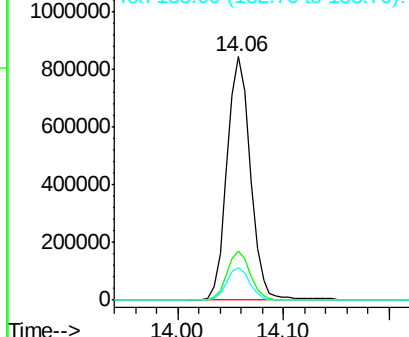


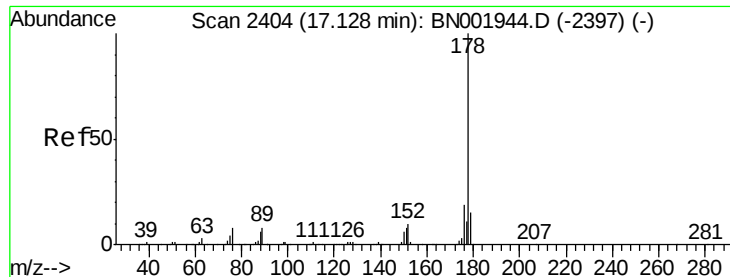
#47
Acenaphthylene
Concen: 7.420 ng/ul
RT: 14.06 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BN001945.D
Acq: 03 Jul 2018 16:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.2	10.8	16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





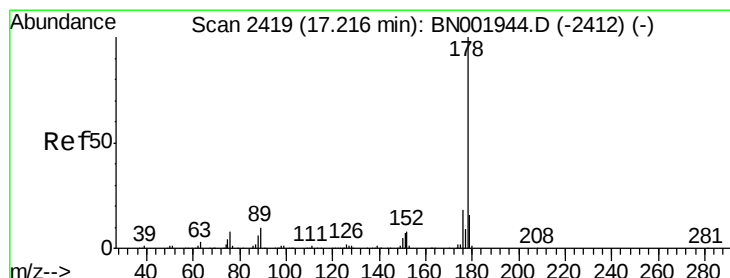
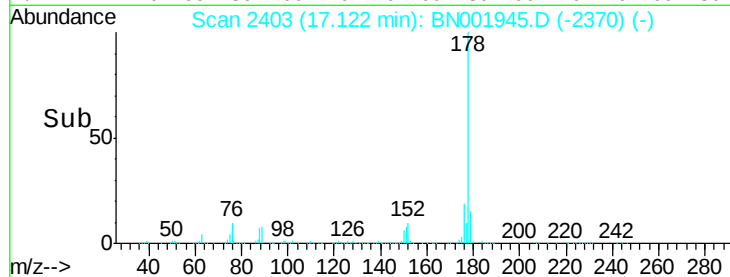
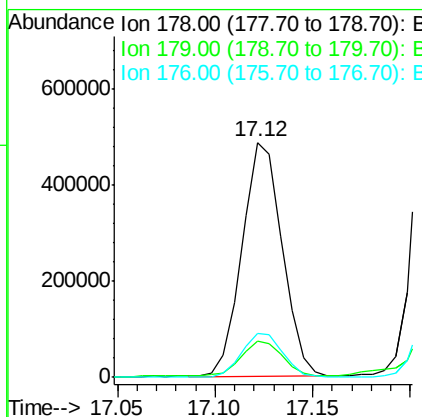
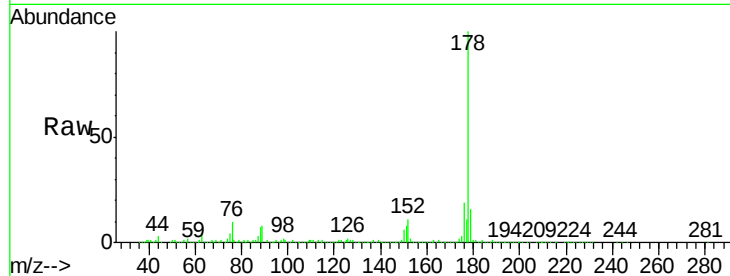
#69
Phenanthrene
Concen: 3.232 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BN001945.D
Acq: 03 Jul 2018 16:06

Instrument :
BNA_N
ClientSampleId :
F1H22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.8	15.4	23.0

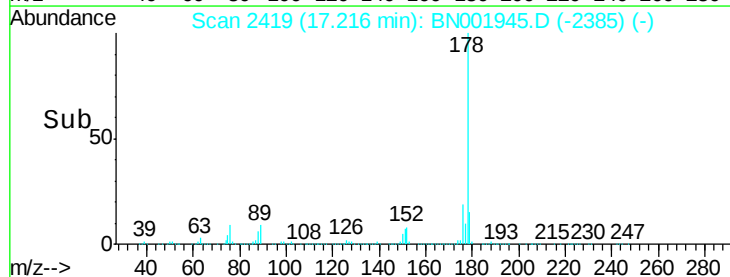
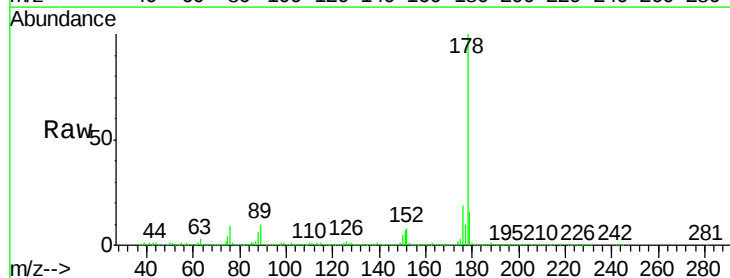
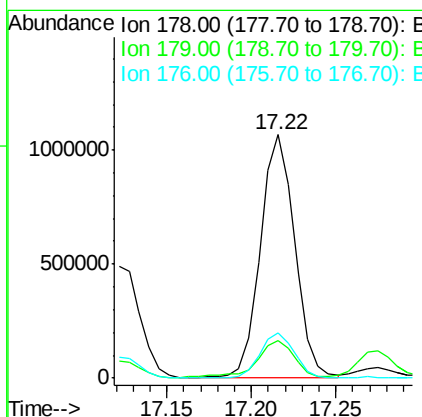
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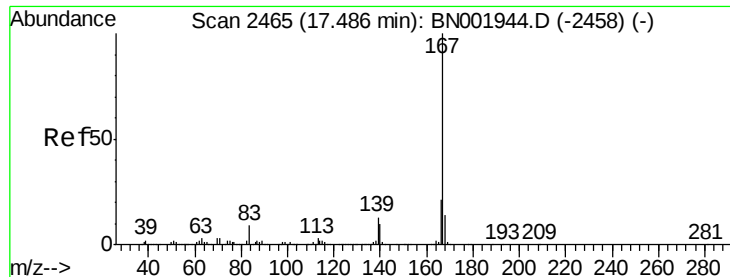
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#71
Anthracene
Concen: 6.872 ng/ul
RT: 17.22 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BN001945.D
Acq: 03 Jul 2018 16:06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.4	20.2
176	18.7	15.4	23.0





#72

Carbazole

Concen: 2.218 ng/ul

RT: 17.49 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BN001945.D

Acq: 03 Jul 2018 16:06

Instrument :

BNA_N

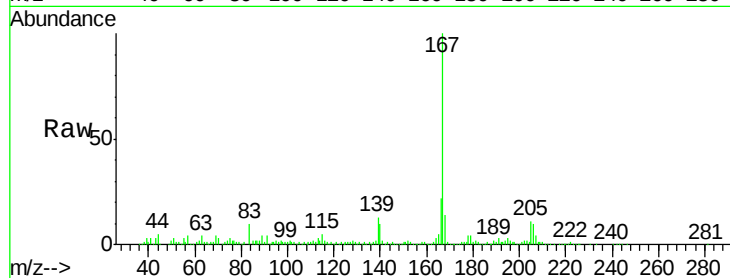
ClientSampleId :

F1H22

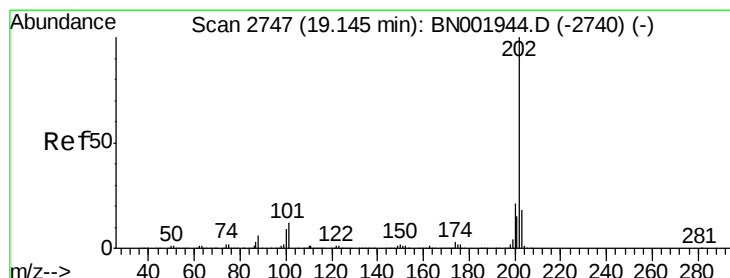
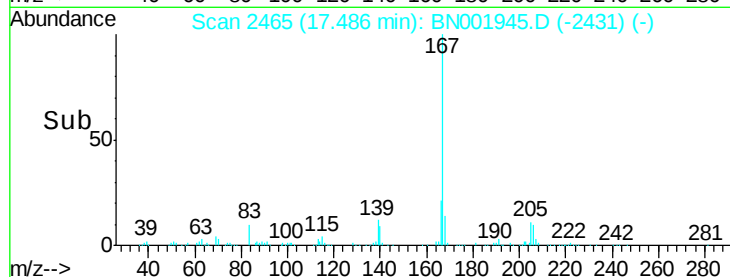
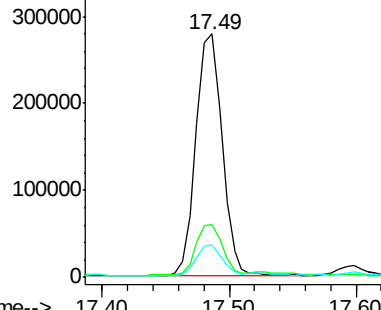
Tgt Ion:	167	Resp:	404829
Ion Ratio		Lower	Upper
167	100		
166	22.0	17.0	25.4
139	13.4	9.1	13.7

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 42.487 ng/ul

RT: 19.15 min Scan# 2748

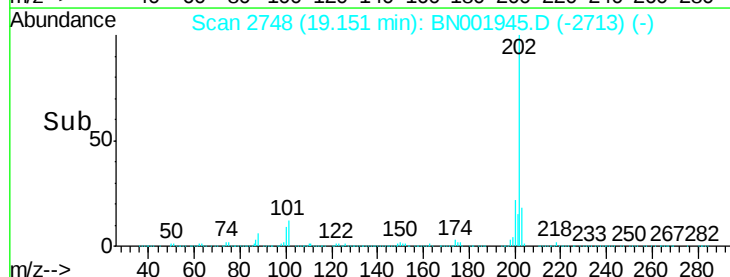
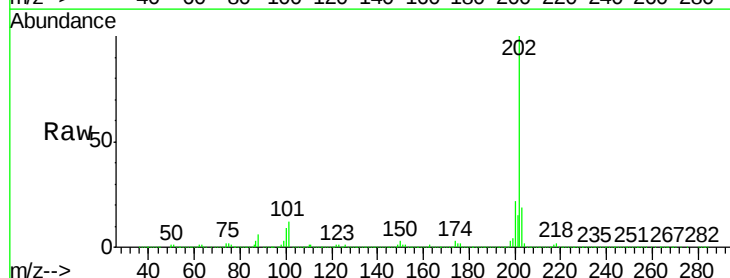
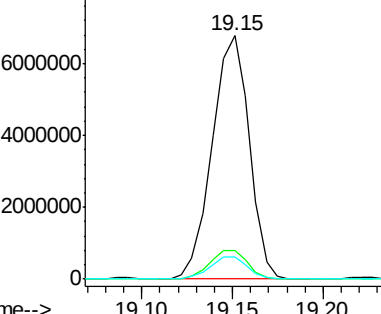
Delta R.T. 0.01 min

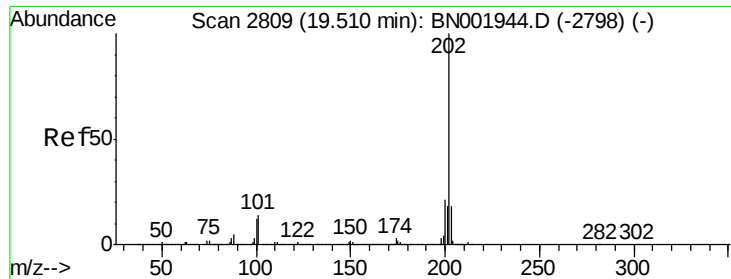
Lab File: BN001945.D

Acq: 03 Jul 2018 16:06

Tgt Ion:	202	Resp:	9612881
Ion Ratio		Lower	Upper
202	100		
101	11.9	6.1	9.1#
100	9.1	4.6	7.0#

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





#77

Pyrene

Concen: 73.821 ng/ul

RT: 19.52 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BN001945.D

Acq: 03 Jul 2018 16:06

Instrument :

BNA_N

ClientSampleId :

F1H22

Tgt Ion:202 Resp:14455794

Ion Ratio Lower Upper

202 100

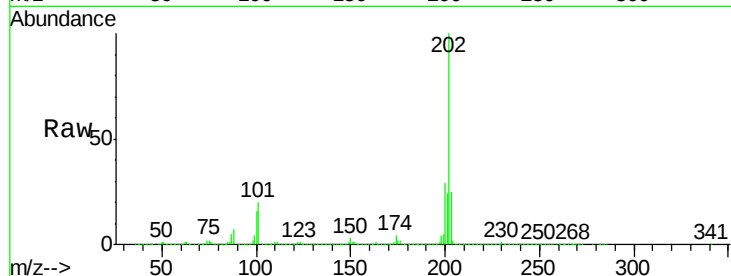
101 19.5 6.9 10.3#

100 16.0 5.6 8.4#

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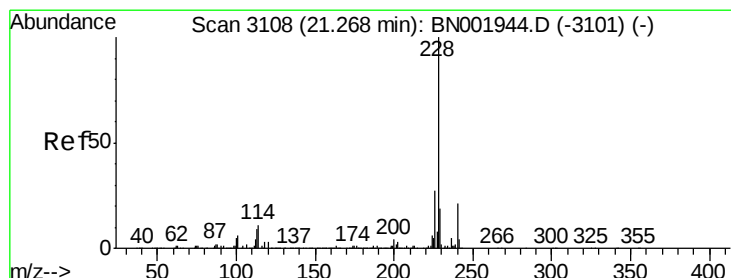
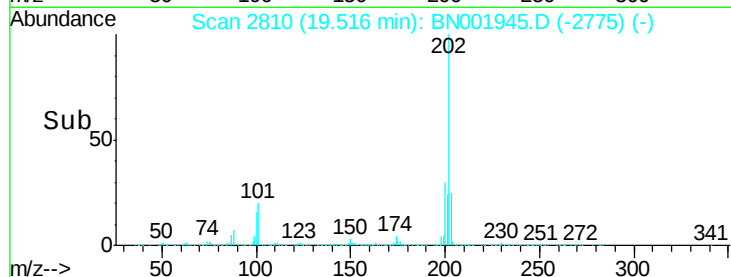
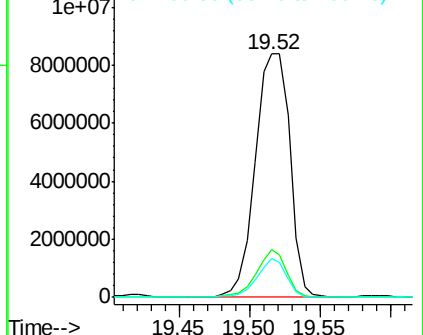
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 47.824 ng/ul m

RT: 21.27 min Scan# 3109

Delta R.T. 0.01 min

Lab File: BN001945.D

Acq: 03 Jul 2018 16:06

Tgt Ion:228 Resp: 9457923

Ion Ratio Lower Upper

228 100

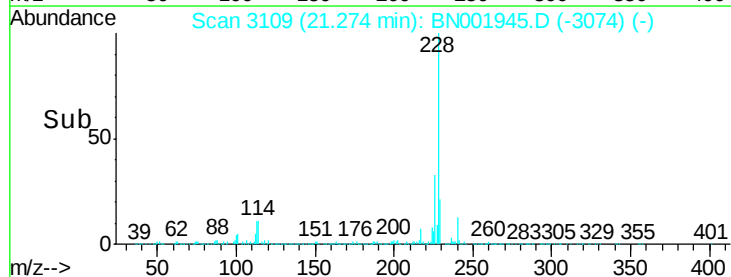
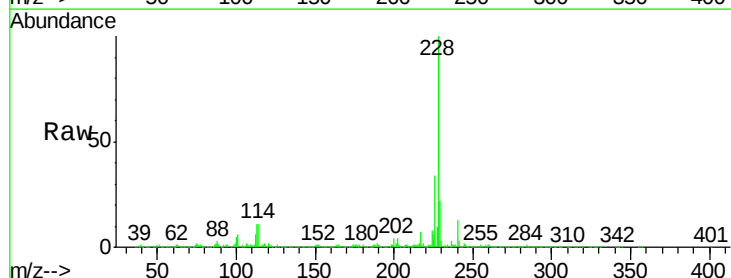
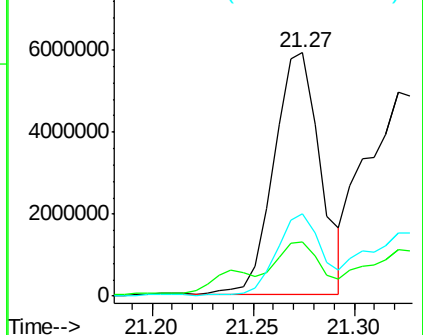
229 22.3 16.0 24.0

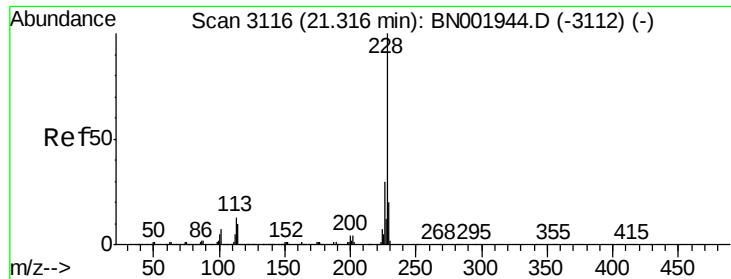
226 33.7 21.8 32.8#

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 52.497 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. 0.01 min

Lab File: BN001945.D

Acq: 03 Jul 2018 16:06

Instrument :

BNA_N

ClientSampleId :

F1H22

Tgt Ion:228 Resp: 9659784

Ion Ratio Lower Upper

228 100

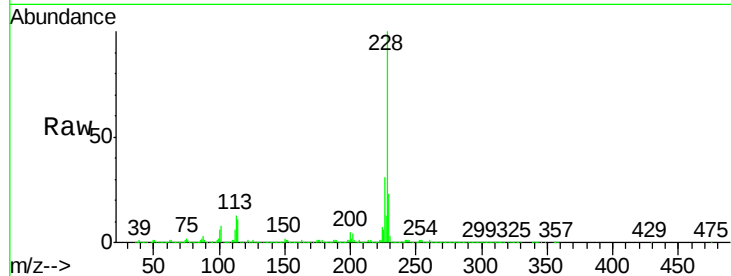
226 30.9 24.1 36.1

229 23.0 16.0 24.0

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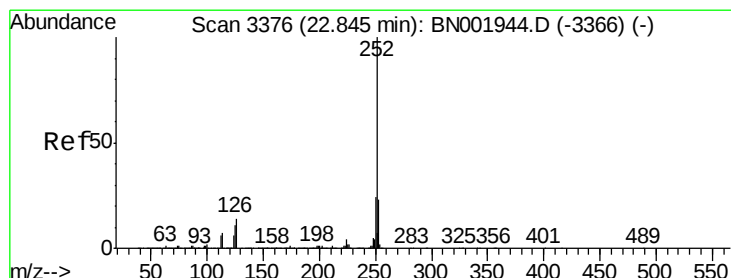
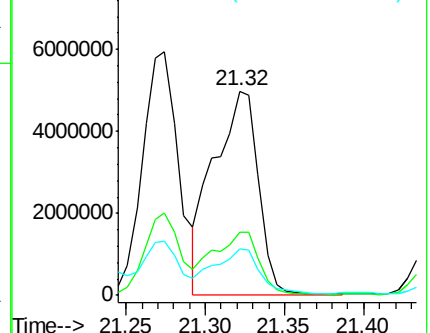
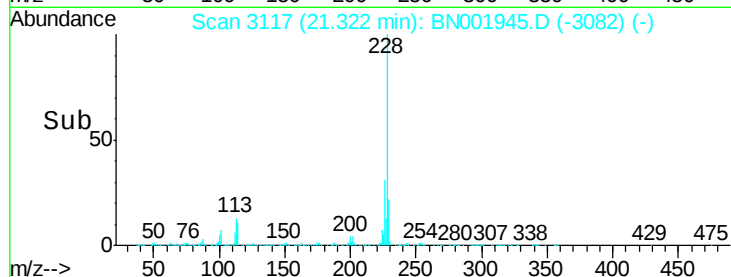
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 103.279 ng/ul

RT: 22.86 min Scan# 3379

Delta R.T. 0.02 min

Lab File: BN001945.D

Acq: 03 Jul 2018 16:06

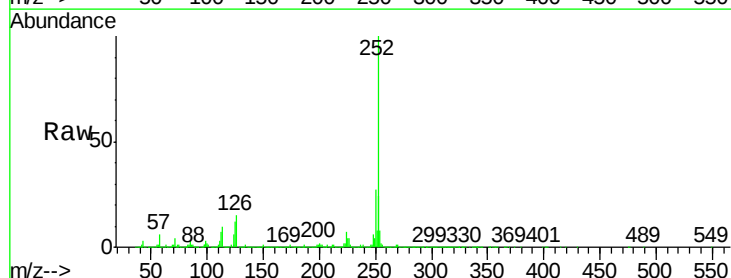
Tgt Ion:252 Resp:17917463

Ion Ratio Lower Upper

252 100

253 24.3 17.4 26.0

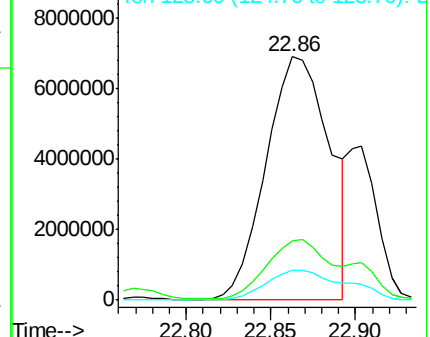
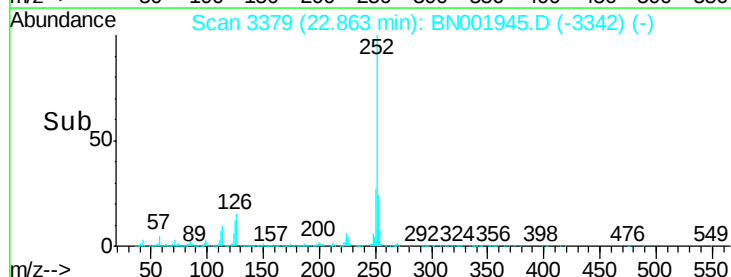
125 12.4 4.9 7.3#

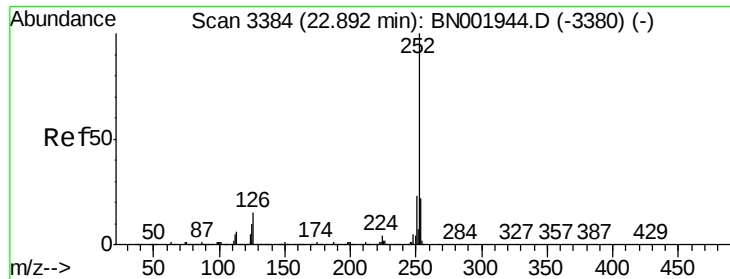


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





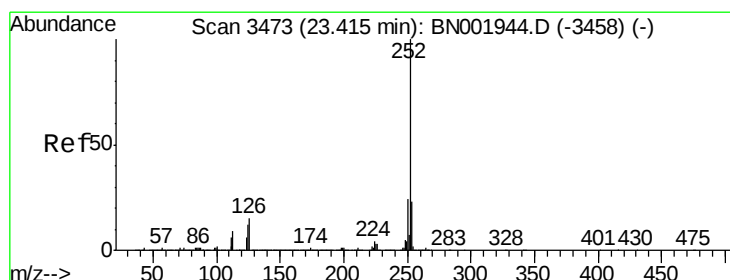
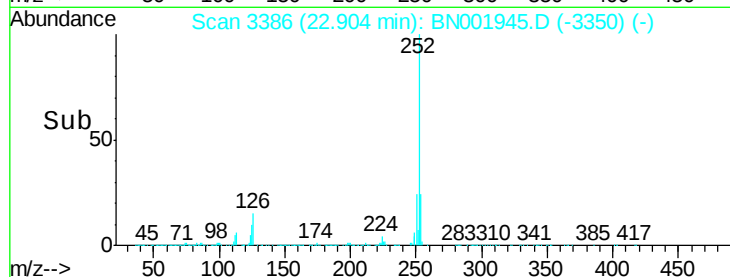
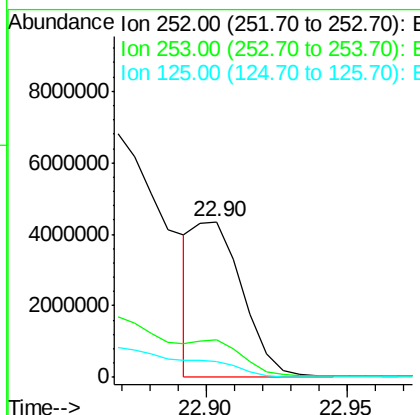
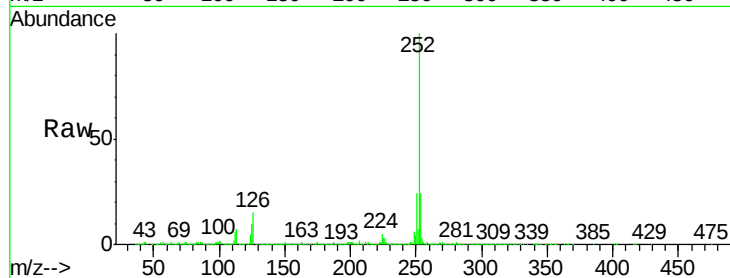
#86
Benzo(k)fluoranthene
Concen: 30.622 ng/ul m
RT: 22.90 min Scan# 3386
Delta R.T. 0.01 min
Lab File: BN001945.D
Acq: 03 Jul 2018 16:06

Instrument :
BNA_N
ClientSampled :
F1H22

Tgt Ion:252 Resp: 5151634
Ion Ratio Lower Upper
252 100
253 24.4 17.1 25.7
125 10.4 5.4 8.0#

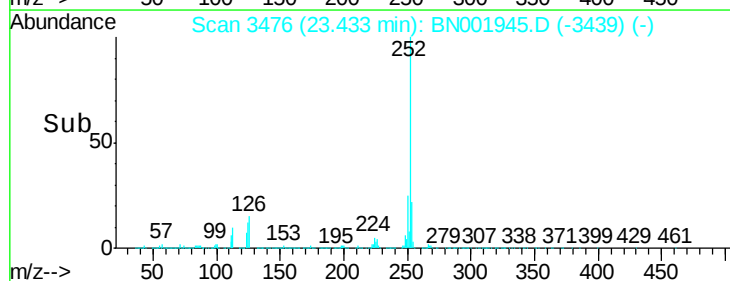
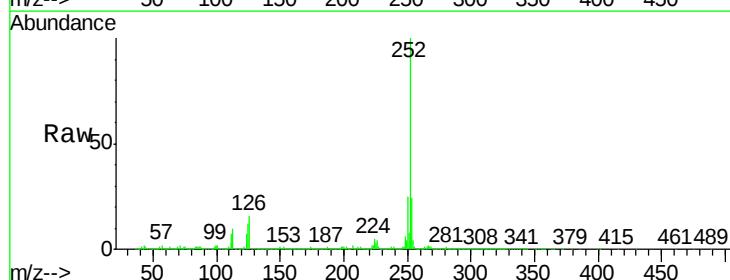
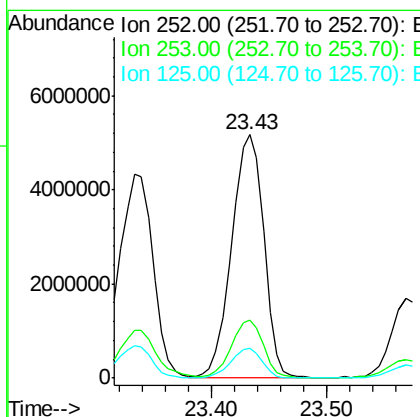
Manual Integrations
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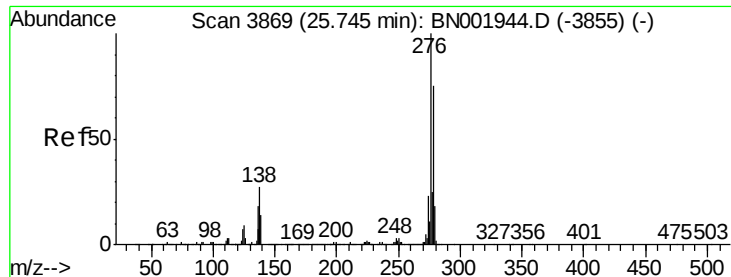
Sohil
7/5/2018 4:31:10 PM



#88
Benzo(a)pyrene
Concen: 60.938 ng/ul
RT: 23.43 min Scan# 3476
Delta R.T. 0.02 min
Lab File: BN001945.D
Acq: 03 Jul 2018 16:06

Tgt Ion:252 Resp: 9879295
Ion Ratio Lower Upper
252 100
253 24.1 17.2 25.8
125 12.2 5.8 8.6#





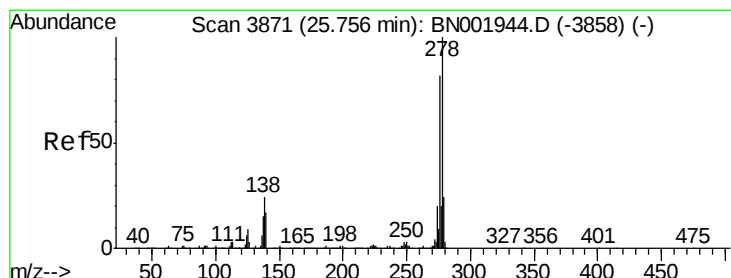
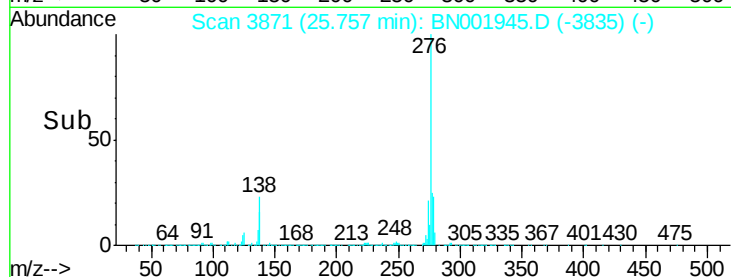
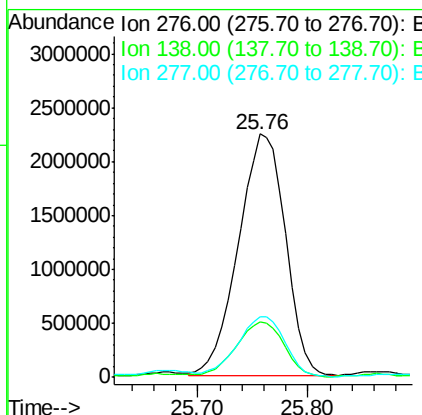
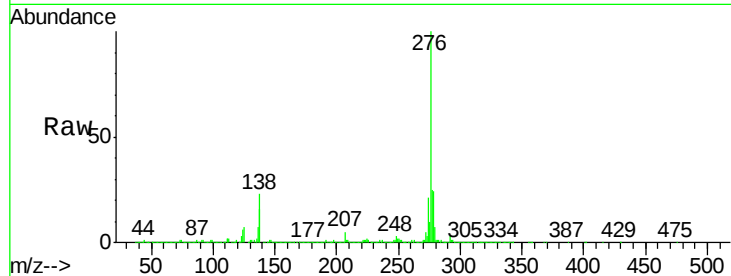
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 38.970 ng/ul
 RT: 25.76 min Scan# 3871
 Delta R.T. 0.01 min
 Lab File: BN001945.D
 Acq: 03 Jul 2018 16:06

Instrument :
 BNA_N
 ClientSampleId :
 F1H22

Tgt Ion:276 Resp: 6722576
 Ion Ratio Lower Upper
 276 100
 138 22.6 10.9 16.3#
 277 24.9 18.9 28.3

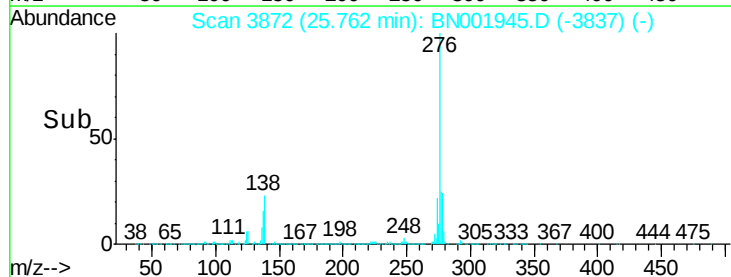
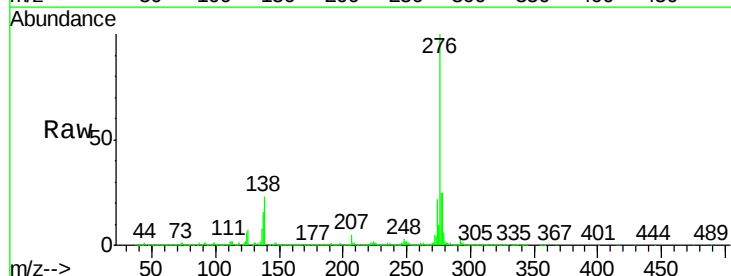
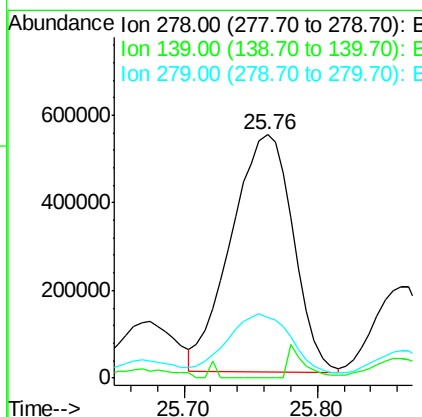
Manual Integrations
 APPROVED

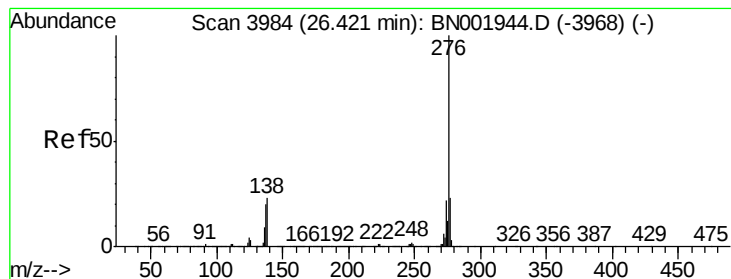
Sohil
 7/5/2018 4:31:10 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 12.159 ng/ul
 RT: 25.76 min Scan# 3872
 Delta R.T. 0.01 min
 Lab File: BN001945.D
 Acq: 03 Jul 2018 16:06

Tgt Ion:278 Resp: 1745732
 Ion Ratio Lower Upper
 278 100
 139 0.0 9.0 13.4#
 279 25.1 19.1 28.7





#91

Benzo(g,h,i)perylene

Concen: 37.534 ng/ul

RT: 26.44 min Scan# 3988

Delta R.T. 0.02 min

Lab File: BN001945.D

Acq: 03 Jul 2018 16:06

Instrument :

BNA_N

ClientSampleId :

F1H22

Tgt Ion: 276 Resp: 5341115

Ion Ratio Lower Upper

276 100

138 22.8 11.2 16.8#

277 24.1 19.0 28.6

Manual Integrations
APPROVED

Sohil

7/5/2018 4:31:10 PM

