

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
 Data File : BN001953.D
 Acq On : 03 Jul 2018 20:49
 Operator : JU/SJ
 Sample : J3721-15 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H01

Manual Integrations
 APPROVED

Sohil
 7/5/2018 4:31:17 PM

Quant Time: Jul 04 04:29:58 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	718519	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	3214222	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1765345	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3470322	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2139112	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2268714	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	12841	0.78	ng/uL	0.00
5) Phenol-d5	6.88	99	378458	5.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	222479	5.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	289049	5.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	310952	5.97	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	146259	6.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	160248	6.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	317447	6.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	313094	5.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	972013	6.52	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1227438	6.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	118740	4.32	ng/ul	0.00
57) Fluorene-d10	15.33	176	843431	6.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	90266	4.78	ng/ul	0.00
70) Anthracene-d10	17.18	188	1170418	6.98	ng/ul	0.00
76) Pyrene-d10	19.49	212	984694	9.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	811504	6.58	ng/ul	0.01

Target Compounds

					Qvalue
44) Dimethylphthalate	13.80	163	537780	3.670	ng/ul 99
47) Acenaphthylene	14.06	152	984892	5.544	ng/ul 99
69) Phenanthrene	17.13	178	502356	2.570	ng/ul 99
71) Anthracene	17.22	178	1166810	5.897	ng/ul 97
72) Carbazole	17.49	167	294019	1.774	ng/ul 97
74) Fluoranthene	19.15	202	10199944	49.638	ng/ul# 87
77) Pyrene	19.52	202	13649353	101.964	ng/ul# 75
80) Benzo(a)anthracene	21.27	228	7535581	55.740	ng/ul 94
82) Chrysene	21.32	228	7857354	62.465	ng/ul 97
85) Benzo(b)fluoranthene	22.87	252	15762585	110.004	ng/ul# 92
86) Benzo(k)fluoranthene	22.90	252	4205427m	30.266	ng/ul
88) Benzo(a)pyrene	23.43	252	7748570	57.867	ng/ul# 94
89) Indeno(1,2,3-cd)pyrene	25.76	276	6401835	44.931	ng/ul# 90
90) Dibenzo(a,h)anthracene	25.76	278	1700107	14.337	ng/ul# 88
91) Benzo(g,h,i)perylene	26.45	276	5408457	46.016	ng/ul# 90

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

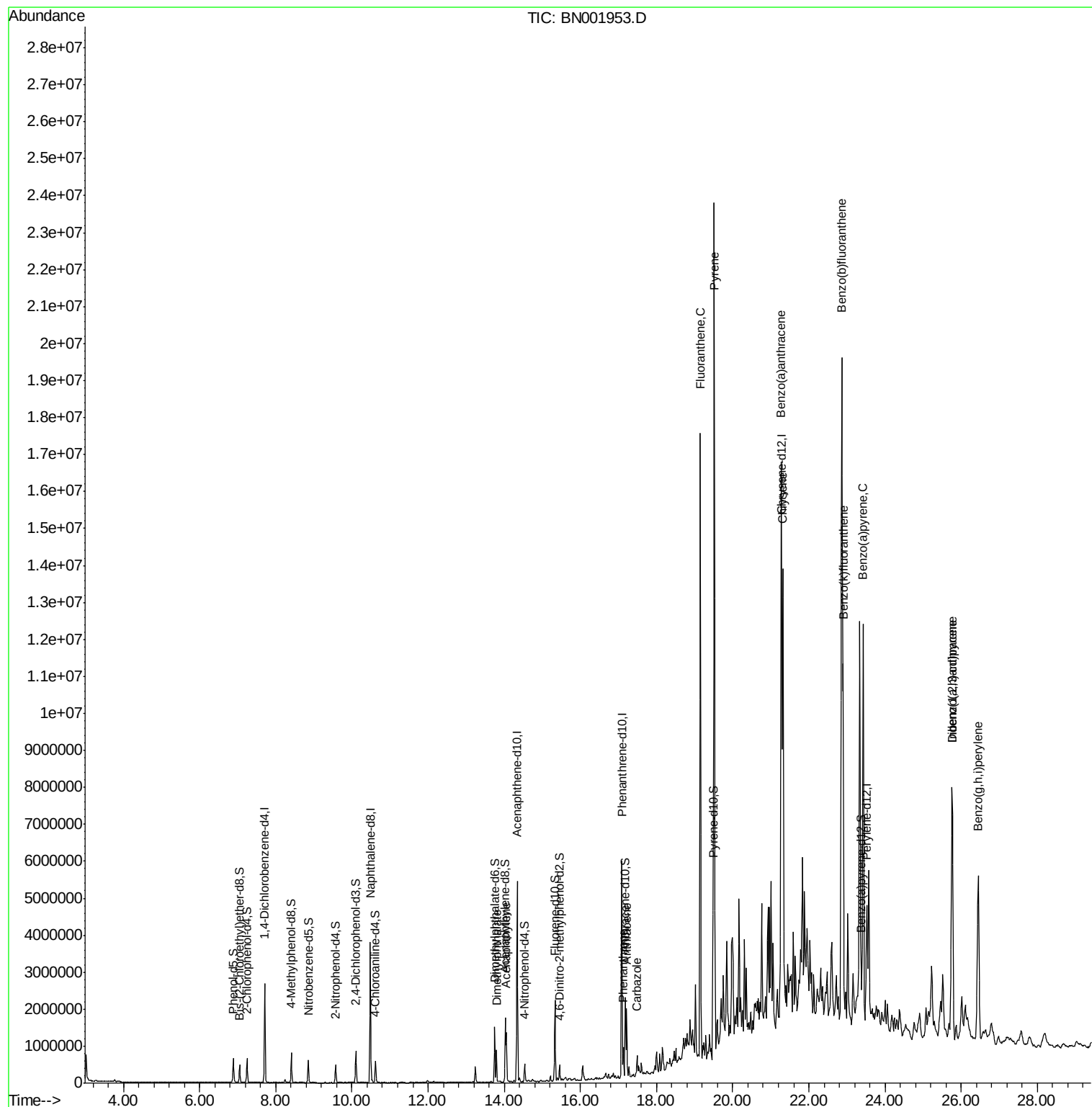
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001953.D
Acq On : 03 Jul 2018 20:49
Operator : JU/SJ
Sample : J3721-15 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

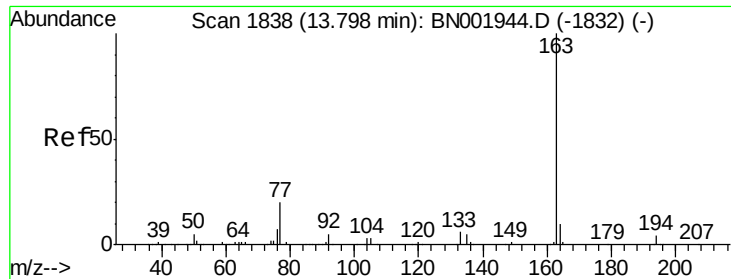
Instrument :
BNA_N
ClientSampleId :
F1H01

Quant Time: Jul 04 04:29:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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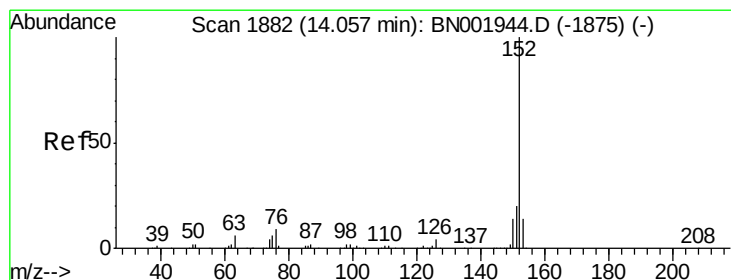
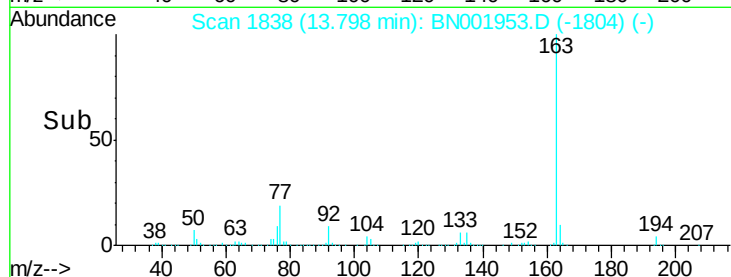
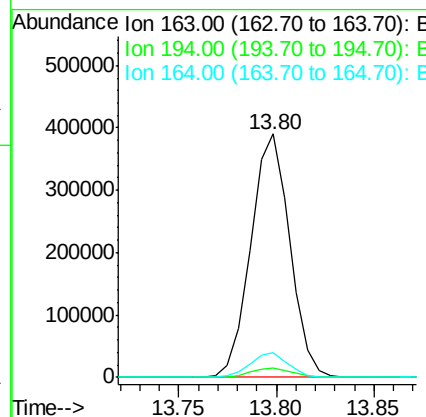
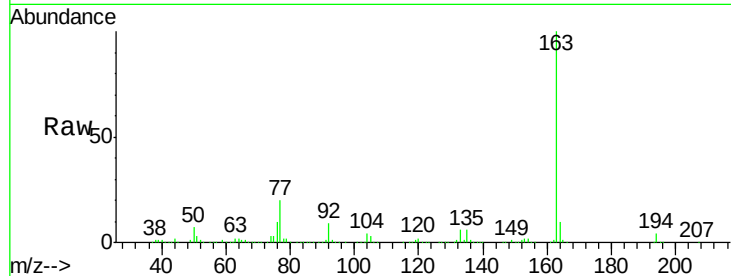
#44
Dimethylphthalate
Concen: 3.670 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BN001953.D
Acq: 03 Jul 2018 20:49

Instrument :
BNA_N
ClientSampled :
F1H01

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.0	4.0	6.0
164	10.3	8.4	12.6

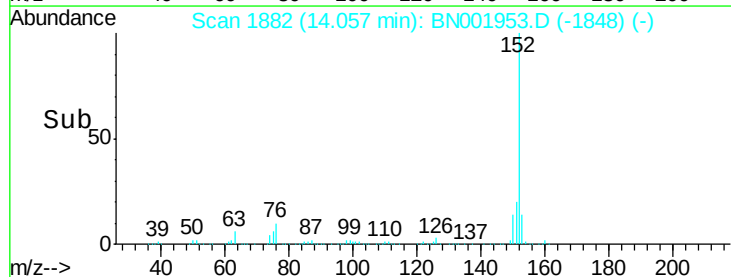
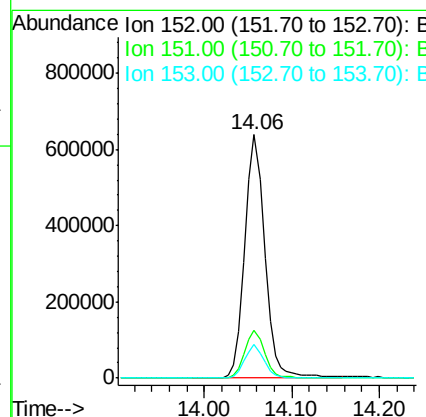
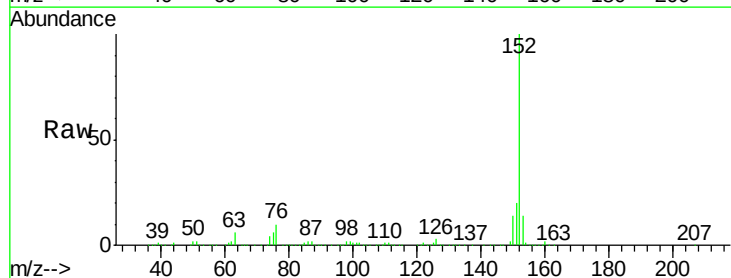
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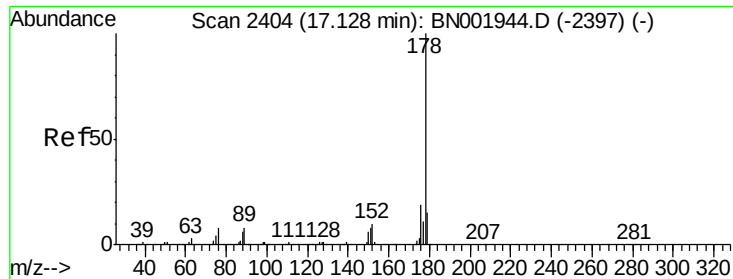
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#47
Acenaphthylene
Concen: 5.544 ng/ul
RT: 14.06 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BN001953.D
Acq: 03 Jul 2018 20:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	19.5	16.1	24.1
153	13.6	10.8	16.2





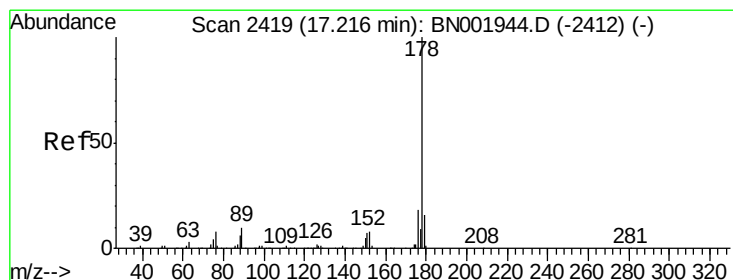
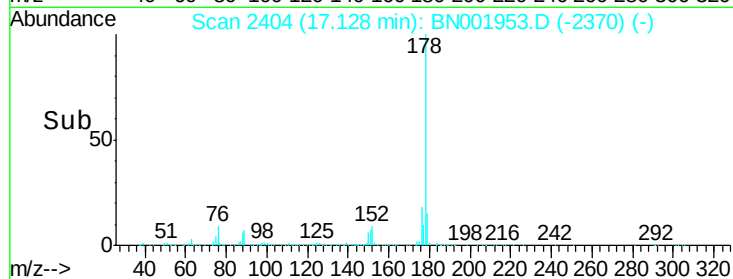
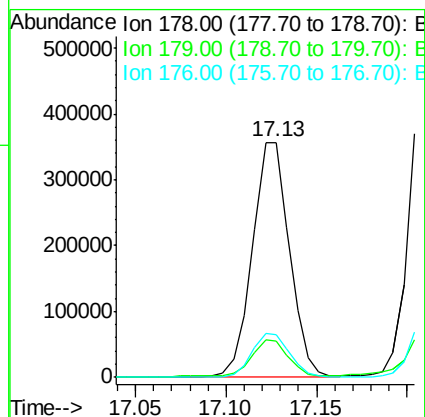
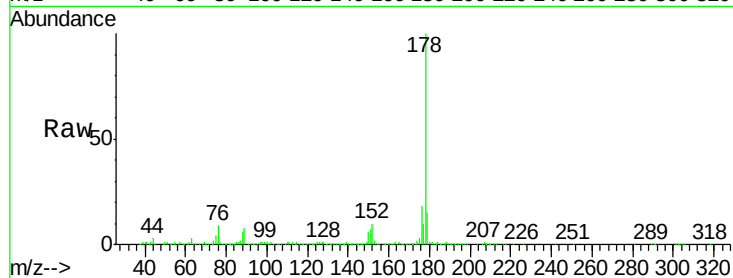
#69
Phenanthrene
Concen: 2.570 ng/ul
RT: 17.13 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BN001953.D
Acq: 03 Jul 2018 20:49

Instrument :
BNA_N
ClientSampled :
F1H01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.2	15.4	23.0

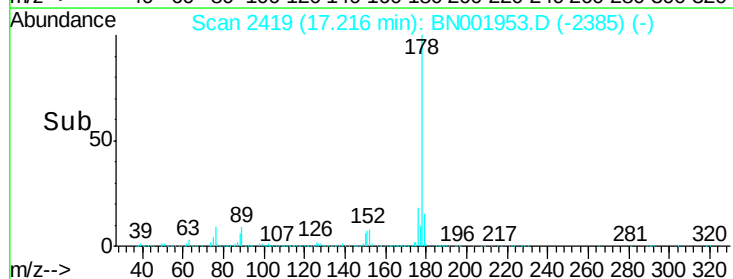
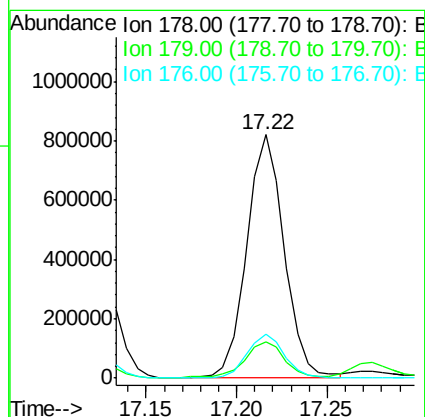
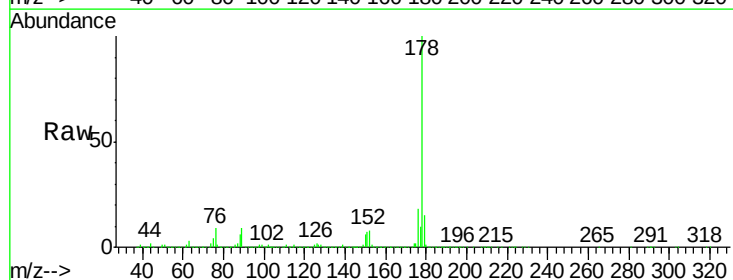
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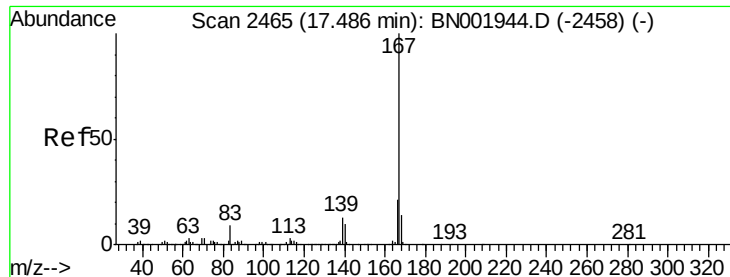
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#71
Anthracene
Concen: 5.897 ng/ul
RT: 17.22 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BN001953.D
Acq: 03 Jul 2018 20:49

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	13.4	20.2
176	18.2	15.4	23.0





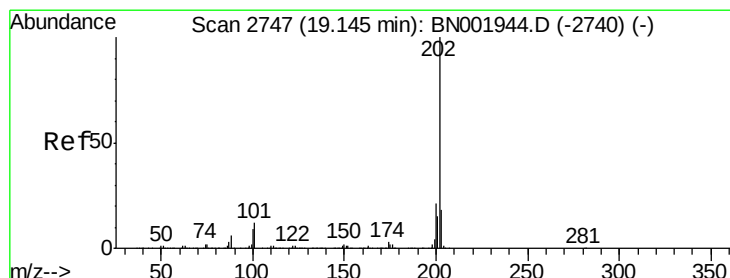
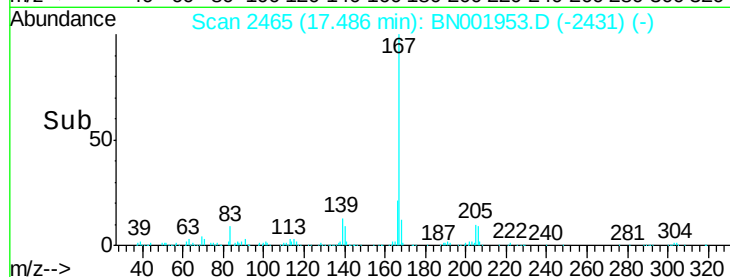
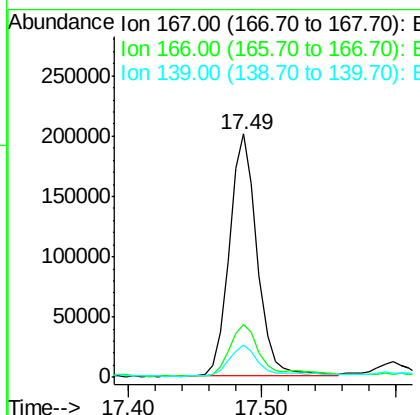
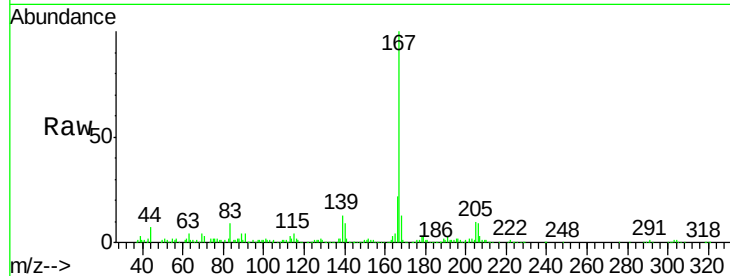
#72
 Carbazole
 Concen: 1.774 ng/ul
 RT: 17.49 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BN001953.D
 Acq: 03 Jul 2018 20:49

Instrument :
 BNA_N
 ClientSampled :
 F1H01

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	294019		
166	22.0	17.0	25.4	
139	13.3	9.1	13.7	

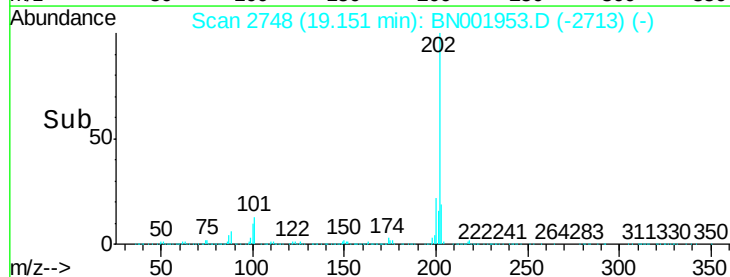
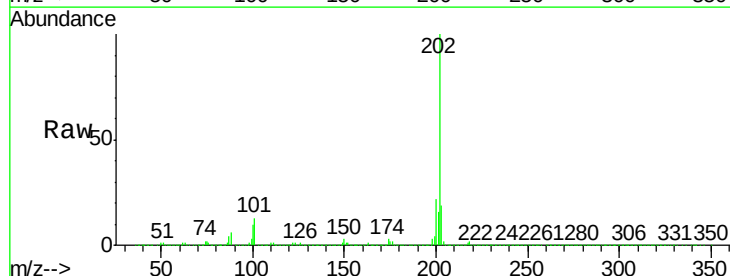
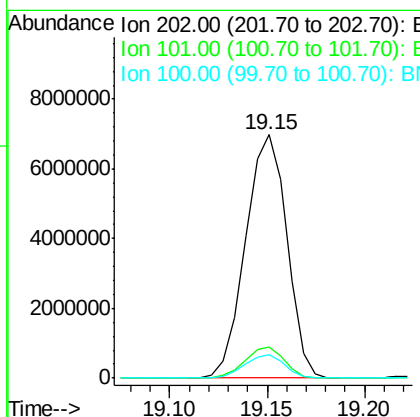
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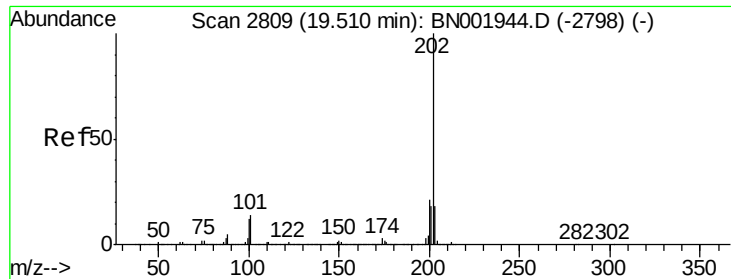
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#74
 Fluoranthene
 Concen: 49.638 ng/ul
 RT: 19.15 min Scan# 2748
 Delta R.T. 0.01 min
 Lab File: BN001953.D
 Acq: 03 Jul 2018 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	10199944		
101	12.7	6.1	9.1#	
100	9.8	4.6	7.0#	





#77

Pyrene

Concen: 101.964 ng/ul

RT: 19.52 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BN001953.D

Acq: 03 Jul 2018 20:49

Instrument :

BNA_N

ClientSampleId :

F1H01

Tgt Ion:202 Resp:13649353

Ion Ratio Lower Upper

202 100

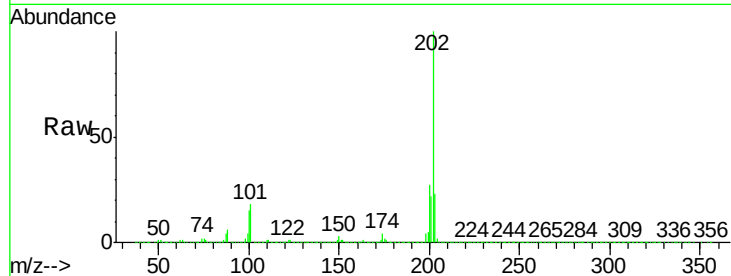
101 18.0 6.9 10.3#

100 14.7 5.6 8.4#

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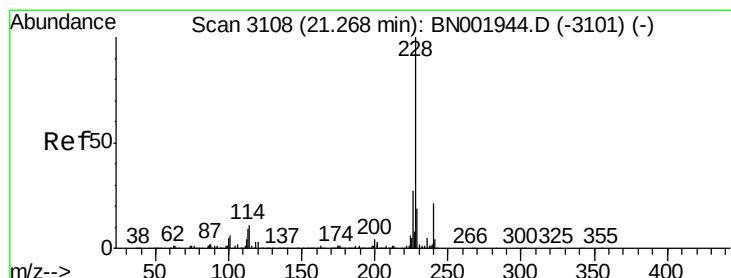
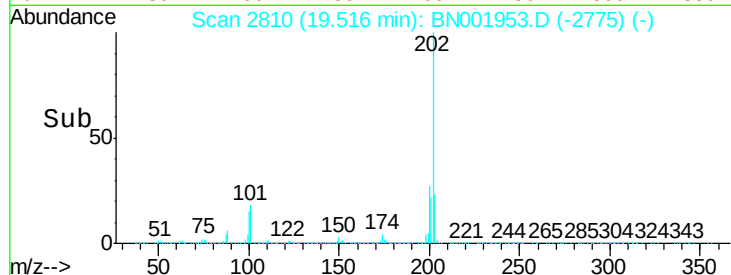
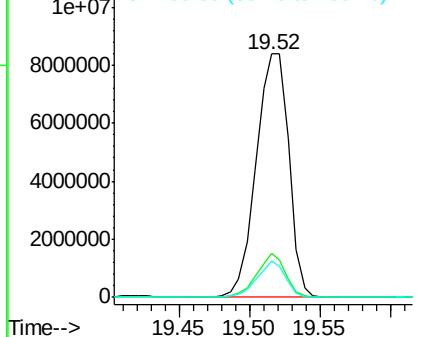
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#80

Benzo(a)anthracene

Concen: 55.740 ng/ul

RT: 21.27 min Scan# 3108

Delta R.T. 0.00 min

Lab File: BN001953.D

Acq: 03 Jul 2018 20:49

Tgt Ion:228 Resp: 7535581

Ion Ratio Lower Upper

228 100

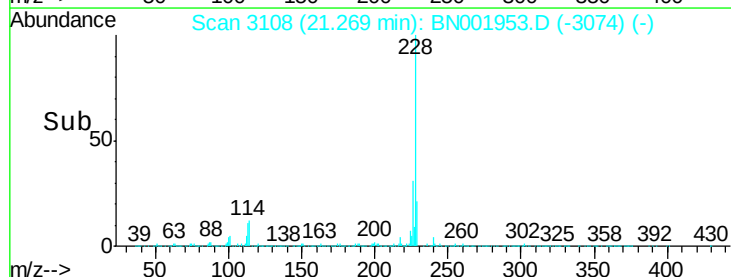
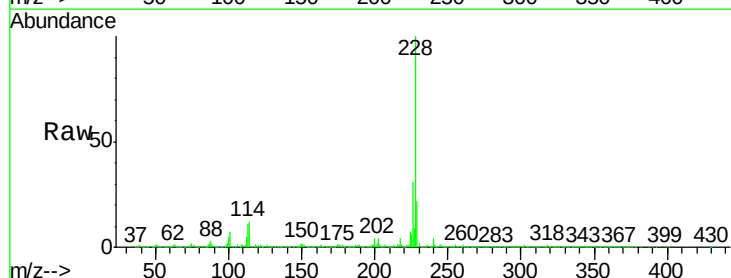
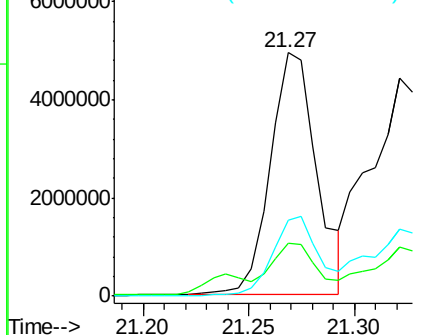
229 21.7 16.0 24.0

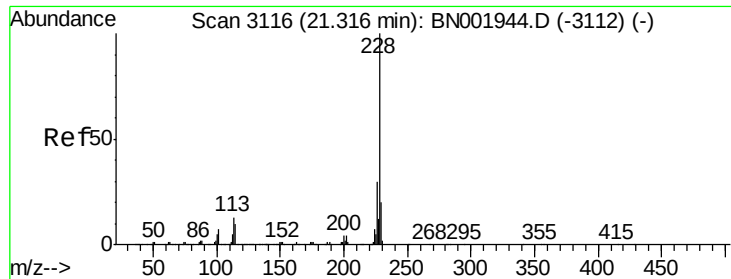
226 31.0 21.8 32.8

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: 62.465 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. 0.01 min

Lab File: BN001953.D

Acq: 03 Jul 2018 20:49

Instrument :

BNA_N

ClientSampleId :

F1H01

Tgt Ion:228 Resp: 7857354

Ion Ratio Lower Upper

228 100

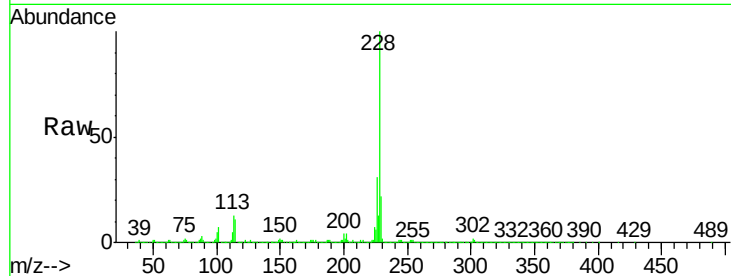
226 30.9 24.1 36.1

229 22.3 16.0 24.0

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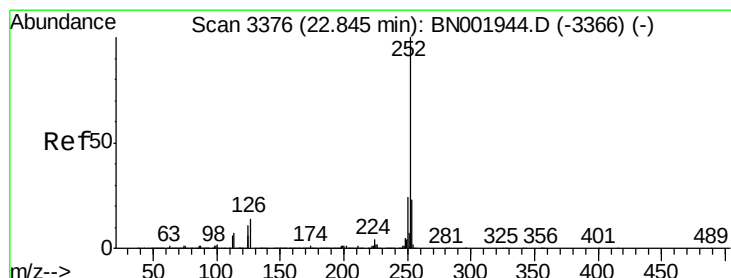
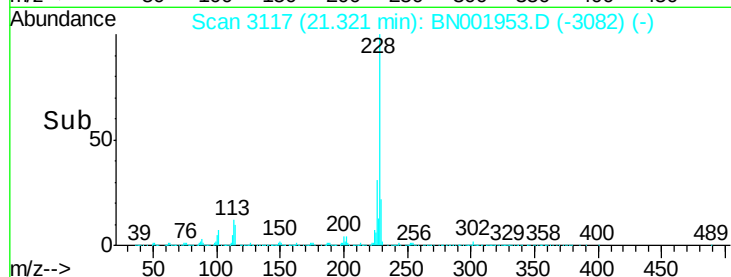
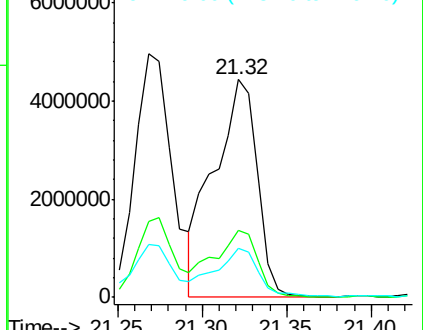
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 110.004 ng/ul

RT: 22.87 min Scan# 3380

Delta R.T. 0.02 min

Lab File: BN001953.D

Acq: 03 Jul 2018 20:49

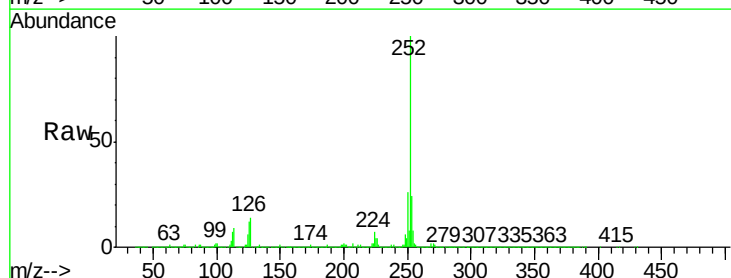
Tgt Ion:252 Resp:15762585

Ion Ratio Lower Upper

252 100

253 24.2 17.4 26.0

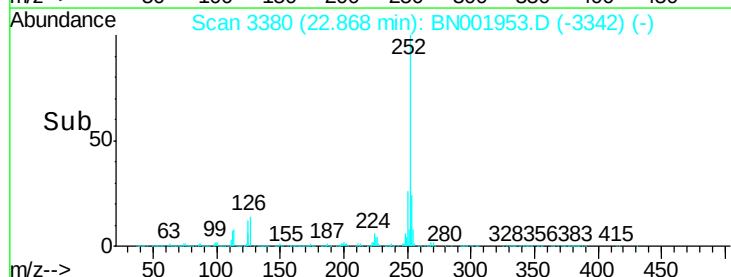
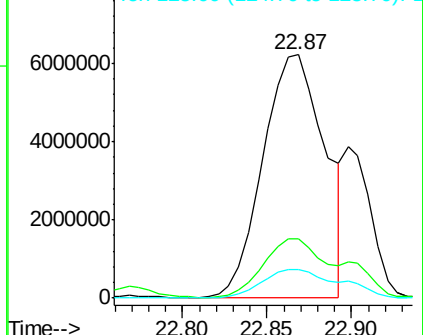
125 11.8 4.9 7.3#

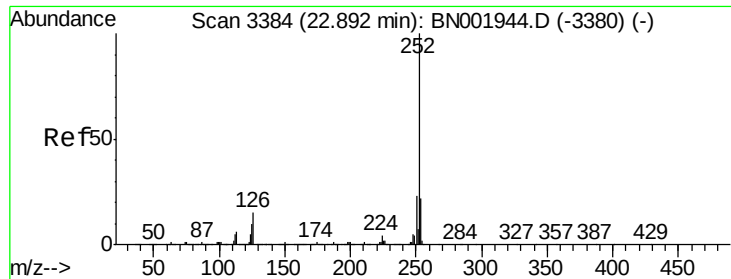


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





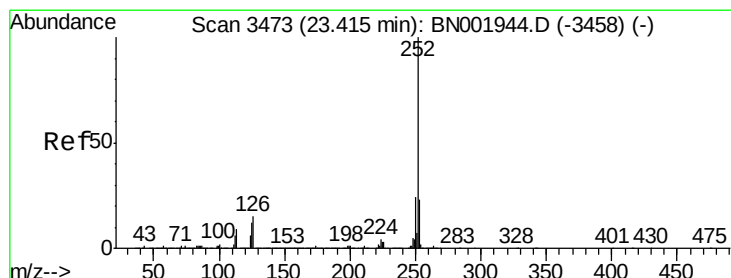
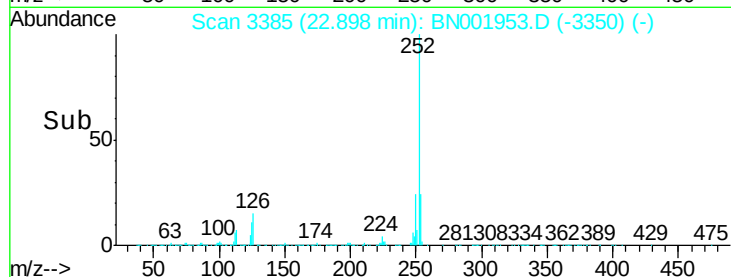
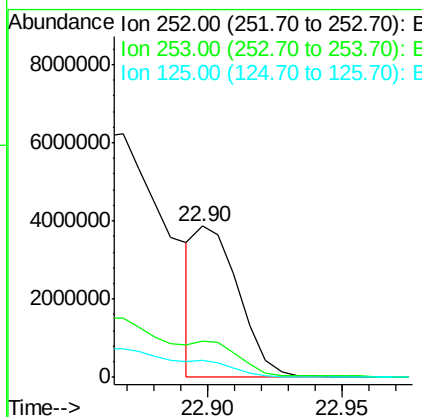
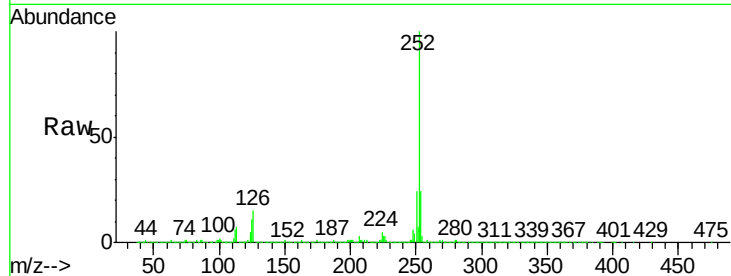
#86
Benzo(k)fluoranthene
Concen: 30.266 ng/ul m
RT: 22.90 min Scan# 3385
Delta R.T. 0.01 min
Lab File: BN001953.D
Acq: 03 Jul 2018 20:49

Instrument :
BNA_N
ClientSampleId :
F1H01

Tgt Ion:252 Resp: 4205427
Ion Ratio Lower Upper
252 100
253 24.4 17.1 25.7
125 11.0 5.4 8.0#

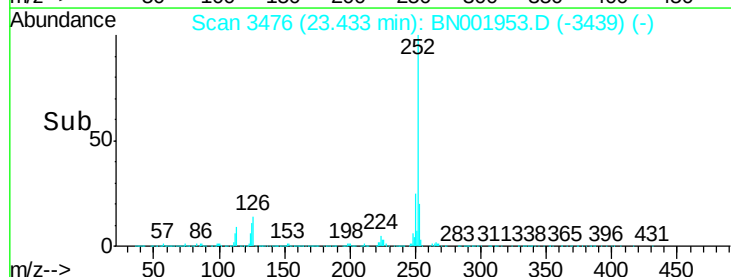
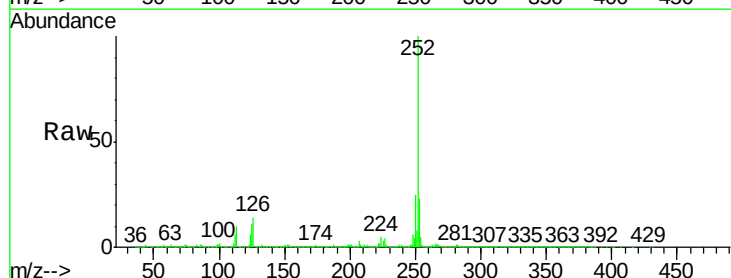
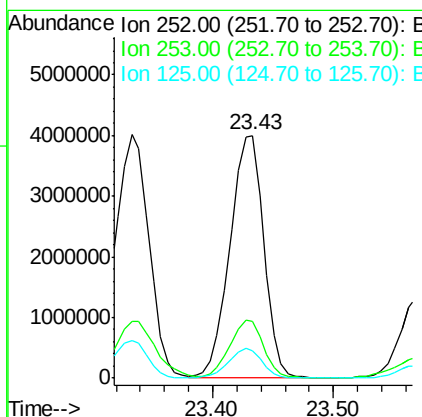
Manual Integrations
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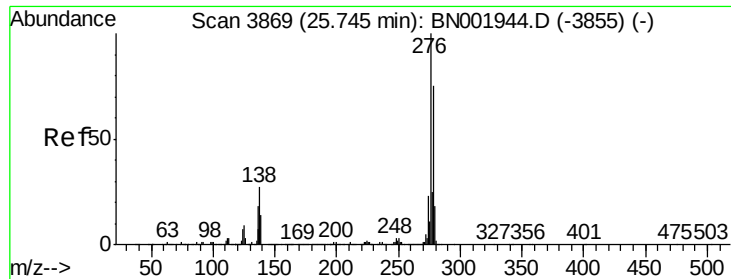
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#88
Benzo(a)pyrene
Concen: 57.867 ng/ul
RT: 23.43 min Scan# 3476
Delta R.T. 0.02 min
Lab File: BN001953.D
Acq: 03 Jul 2018 20:49

Tgt Ion:252 Resp: 7748570
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 11.4 5.8 8.6#





#89

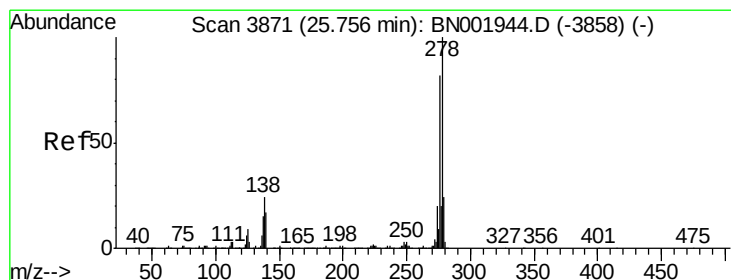
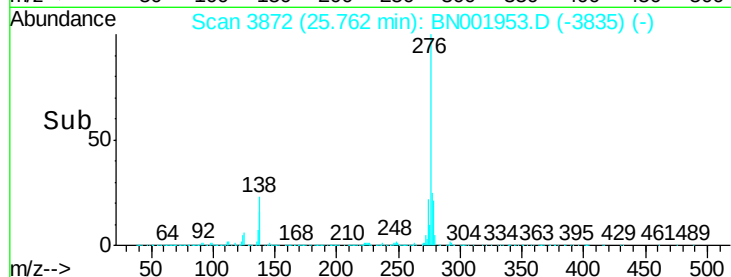
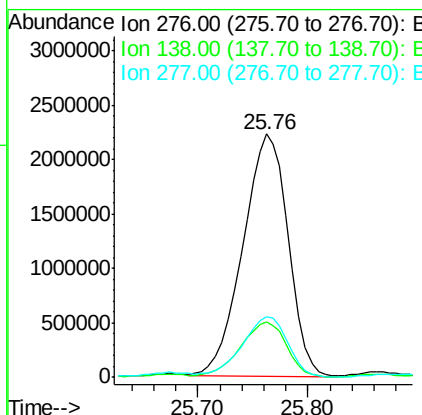
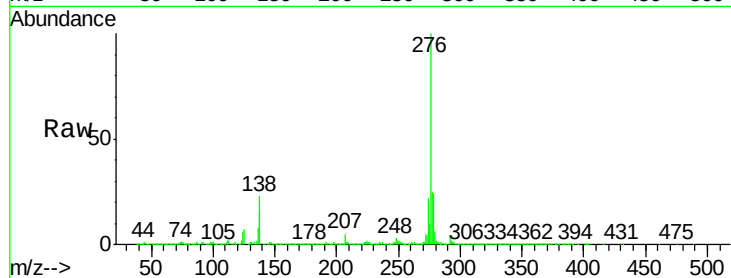
Indeno(1,2,3-cd)pyrene
Concen: 44.931 ng/ul
RT: 25.76 min Scan# 3872
Delta R.T. 0.02 min
Lab File: BN001953.D
Acq: 03 Jul 2018 20:49

Instrument :
BNA_N
ClientSampleId :
F1H01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	10.9	16.3#
277	24.9	18.9	28.3

Manual Integrations
APPROVED

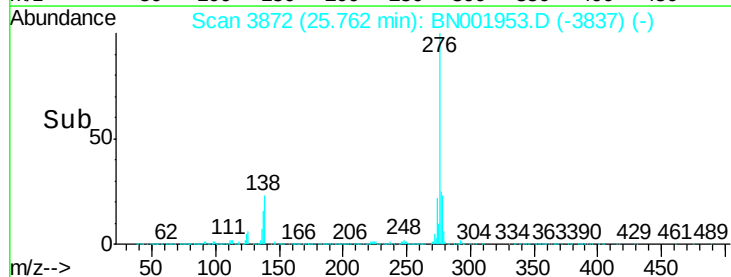
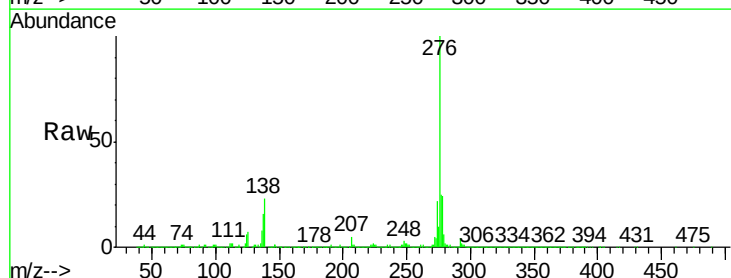
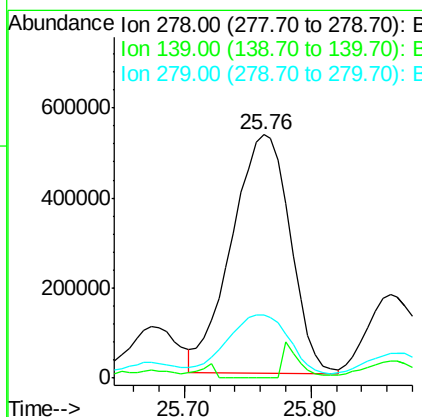
Sohil
7/5/2018 4:31:17 PM

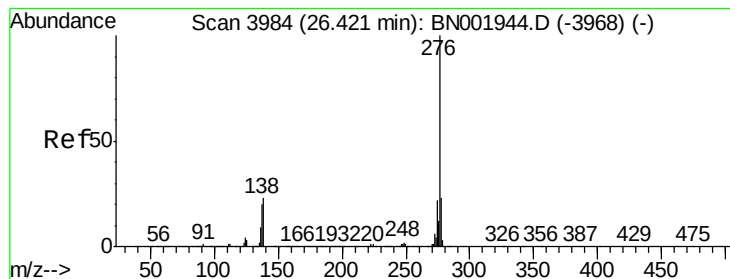


#90

Dibenzo(a,h)anthracene
Concen: 14.337 ng/ul
RT: 25.76 min Scan# 3872
Delta R.T. 0.01 min
Lab File: BN001953.D
Acq: 03 Jul 2018 20:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.0	13.4#
279	26.1	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 46.016 ng/ul

RT: 26.45 min Scan# 3989

Delta R.T. 0.03 min

Lab File: BN001953.D

Acq: 03 Jul 2018 20:49

Instrument :

BNA_N

ClientSampleId :

F1H01

Tgt Ion: 276 Resp: 5408457

Ion Ratio Lower Upper

276 100

138 23.6 11.2 16.8#

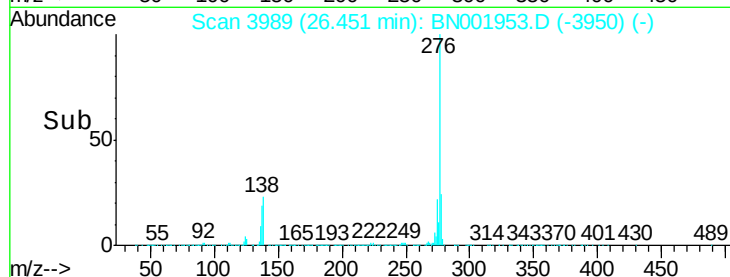
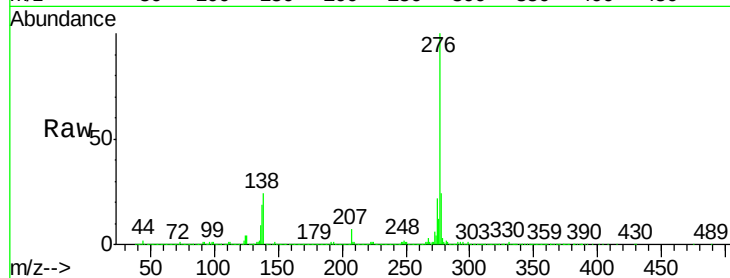
277 24.4 19.0 28.6

Manual Integrations

APPROVED

Sohil

7/5/2018 4:31:17 PM



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

