

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
 Data File : BN001950.D
 Acq On : 03 Jul 2018 19:03
 Operator : JU/SJ
 Sample : J3721-22
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H23

Manual Integrations
 APPROVED

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 7/5/2018 4:31:13 PM

Quant Time: Jul 04 02:56:39 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	768894	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	3468391	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1898767	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3963333	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2556601	20.00	ng/ul	0.00
83) Perylene-d12	23.53	264	2538694	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	57478	3.25	ng/uL	0.00
5) Phenol-d5	6.88	99	1257828	18.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	900946	20.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1107652	20.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	1046481	18.77	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	588655	22.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	632712	23.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1117922	19.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1065773	18.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	3448715	21.51	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	4511200	22.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	181580	6.15	ng/ul	0.00
57) Fluorene-d10	15.33	176	3043265	21.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	303346	14.05	ng/ul	0.00
70) Anthracene-d10	17.18	188	4367314	22.81	ng/ul	0.00
76) Pyrene-d10	19.49	212	3973347	30.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	3111791	22.54	ng/ul	0.02

Target Compounds

					Qvalue	
6) Phenol	6.91	94	140531	2.003	ng/ul	99
28) Naphthalene	10.53	128	188749	1.026	ng/ul	98
44) Dimethylphthalate	13.80	163	1608801	10.209	ng/ul#	99
47) Acenaphthylene	14.06	152	1850579	9.686	ng/ul	100
69) Phenanthrene	17.12	178	810344	3.630	ng/ul	99
71) Anthracene	17.22	178	3240959	14.341	ng/ul	98
72) Carbazole	17.49	167	811408	4.286	ng/ul	97
74) Fluoranthene	19.15	202	14129403	60.207	ng/ul#	80
77) Pyrene	19.52	202	18792263m	117.459	ng/ul	
80) Benzo(a)anthracene	21.27	228	10855945m	67.187	ng/ul	
82) Chrysene	21.33	228	11761649	78.234	ng/ul	95
85) Benzo(b)fluoranthene	22.87	252	19629700	122.423	ng/ul#	91
86) Benzo(k)fluoranthene	22.90	252	7345676m	47.243	ng/ul	
88) Benzo(a)pyrene	23.44	252	11353515	75.772	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.77	276	8658015	54.303	ng/ul#	88
90) Dibenzo(a,h)anthracene	25.77	278	2306121	17.379	ng/ul#	89
91) Benzo(g,h,i)perylene	26.46	276	7205834	54.788	ng/ul#	90

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

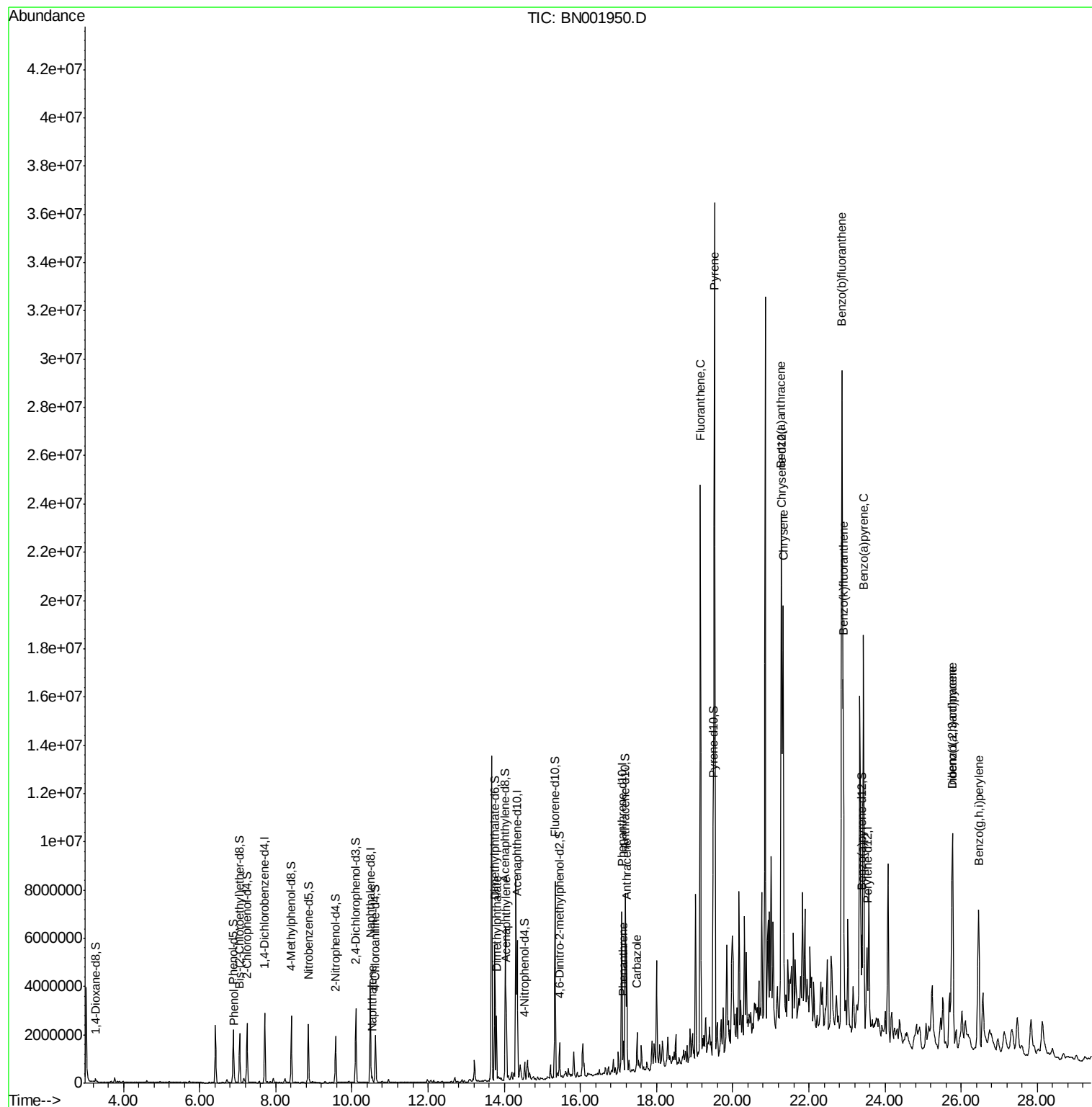
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001950.D
Acq On : 03 Jul 2018 19:03
Operator : JU/SJ
Sample : J3721-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

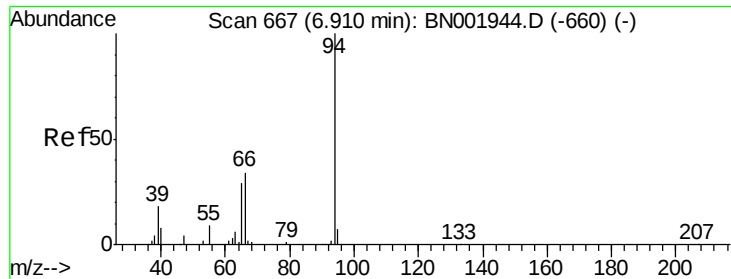
Instrument :
BNA_N
ClientSampleId :
F1H23

Quant Time: Jul 04 02:56:39 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

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#6

Phenol

Concen: 2.003 ng/ul

RT: 6.91 min Scan# 667

Delta R.T. -0.00 min

Lab File: BN001950.D

Acq: 03 Jul 2018 19:03

Instrument :

BNA_N

ClientSampleId :

F1H23

Tgt Ion: 94 Resp: 140531

Ion Ratio Lower Upper

94 100

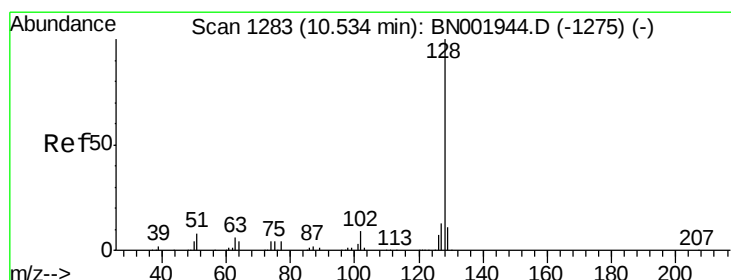
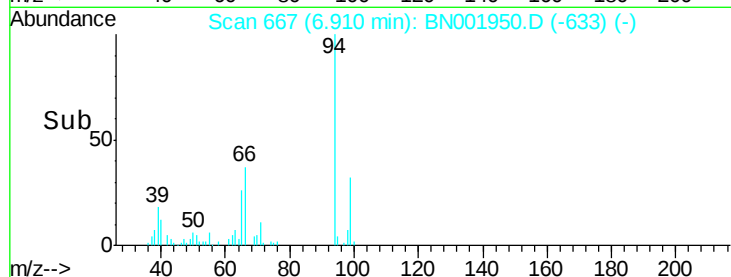
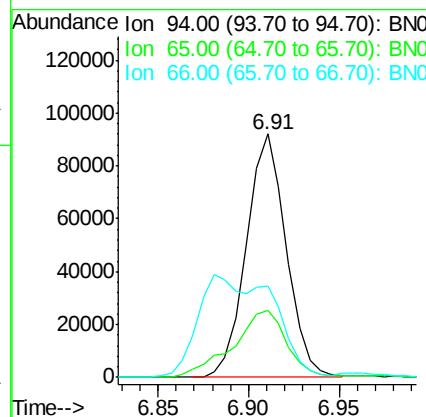
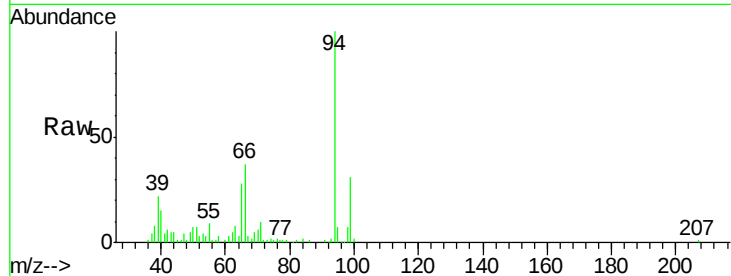
65 27.7 23.0 34.6

66 37.5 30.4 45.6

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#28

Naphthalene

Concen: 1.026 ng/ul

RT: 10.53 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BN001950.D

Acq: 03 Jul 2018 19:03

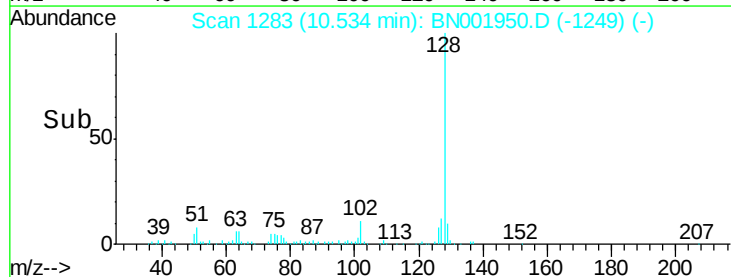
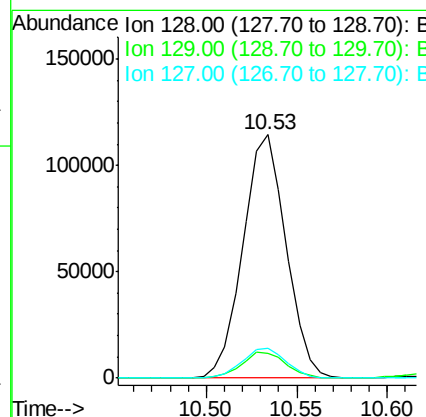
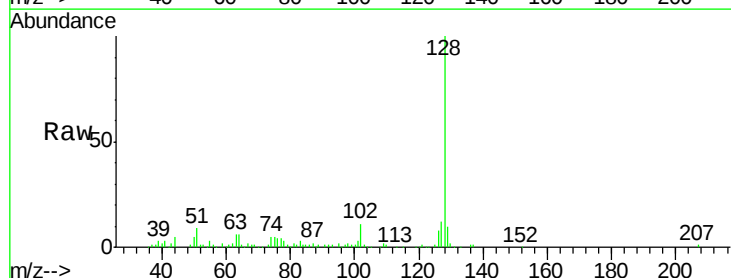
Tgt Ion: 128 Resp: 188749

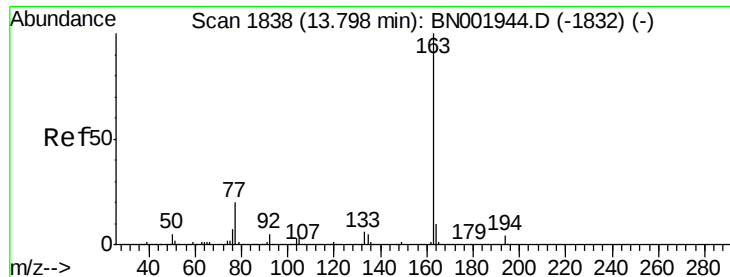
Ion Ratio Lower Upper

128 100

129 10.2 8.3 12.5

127 12.4 10.8 16.2





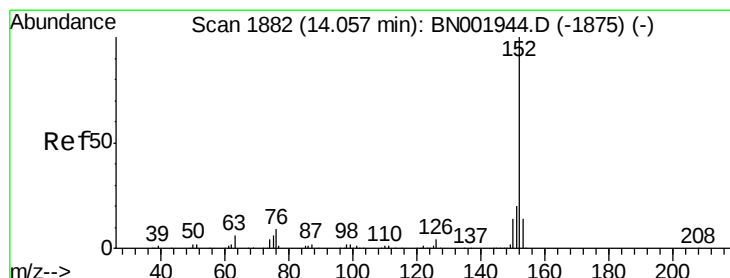
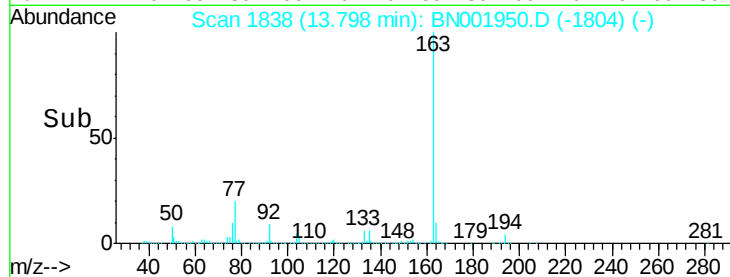
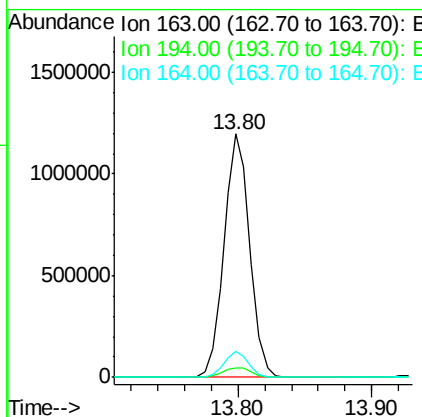
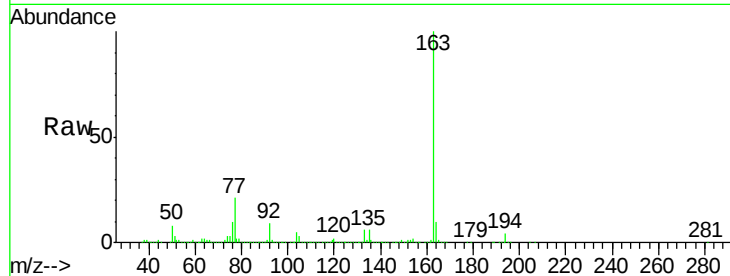
#44
Dimethylphthalate
Concen: 10.209 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BN001950.D
Acq: 03 Jul 2018 19:03

Instrument :
BNA_N
ClientSampleId :
F1H23

Tgt Ion:163 Resp: 1608801
Ion Ratio Lower Upper
163 100
194 4.0 4.0 6.0#
164 10.5 8.4 12.6

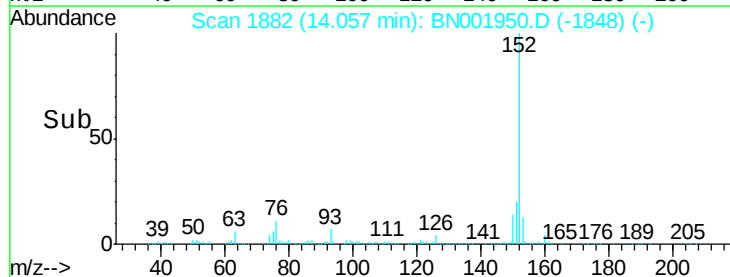
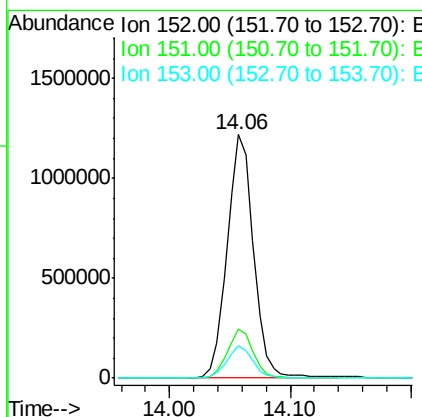
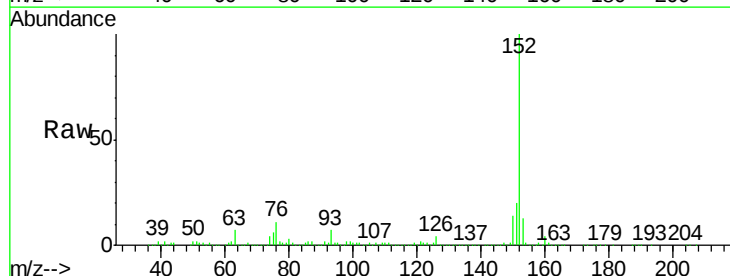
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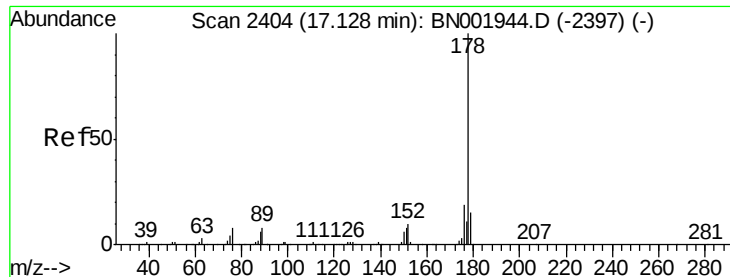
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#47
Acenaphthylene
Concen: 9.686 ng/ul
RT: 14.06 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BN001950.D
Acq: 03 Jul 2018 19:03

Tgt Ion:152 Resp: 1850579
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.3 10.8 16.2





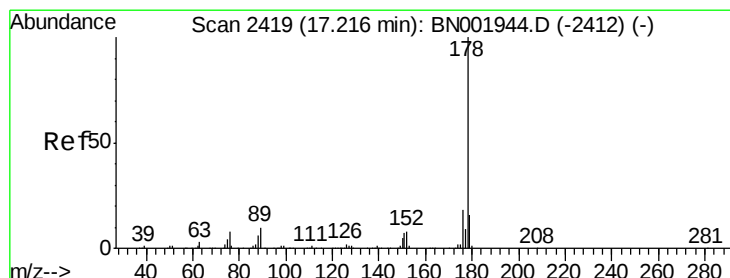
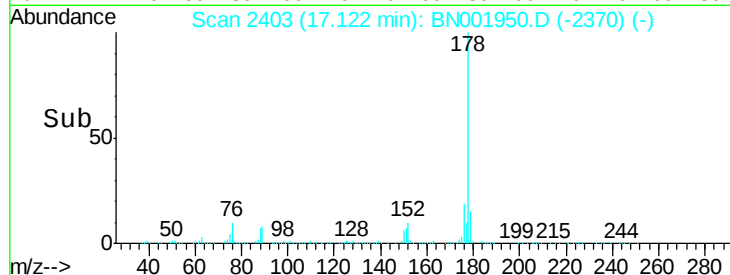
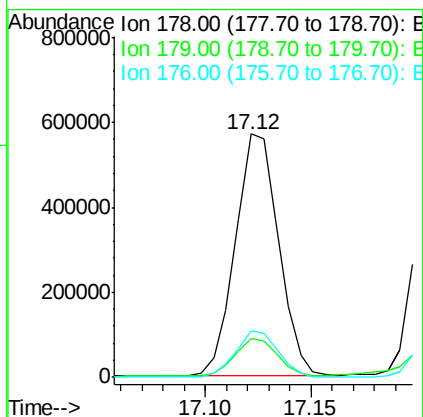
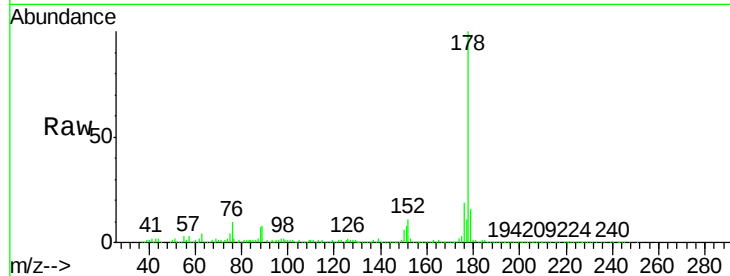
#69
Phenanthrene
Concen: 3.630 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BN001950.D
Acq: 03 Jul 2018 19:03

Instrument :
BNA_N
ClientSampleId :
F1H23

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.9	15.4	23.0

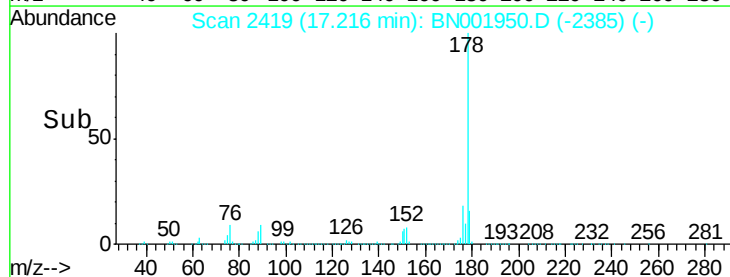
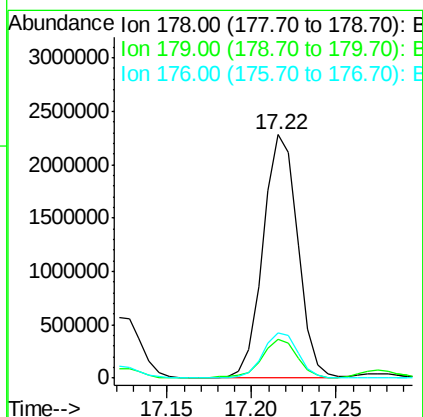
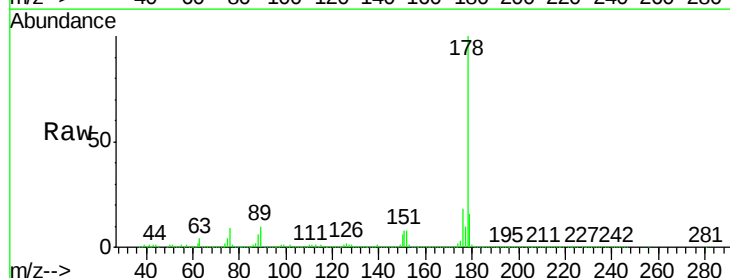
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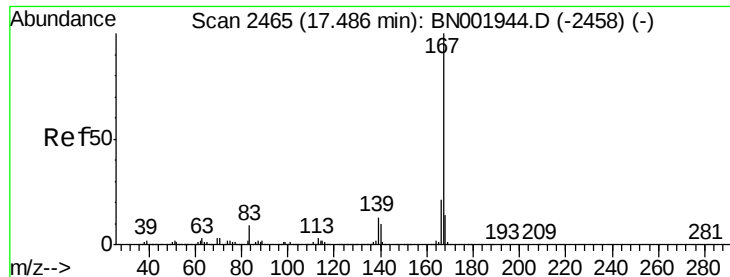
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#71
Anthracene
Concen: 14.341 ng/ul
RT: 17.22 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BN001950.D
Acq: 03 Jul 2018 19:03

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.4	20.2
176	18.3	15.4	23.0





#72

Carbazole

Concen: 4.286 ng/ul

RT: 17.49 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BN001950.D

Acq: 03 Jul 2018 19:03

Instrument :

BNA_N

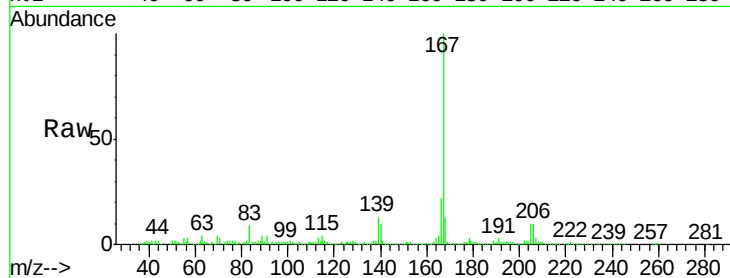
ClientSampled :

F1H23

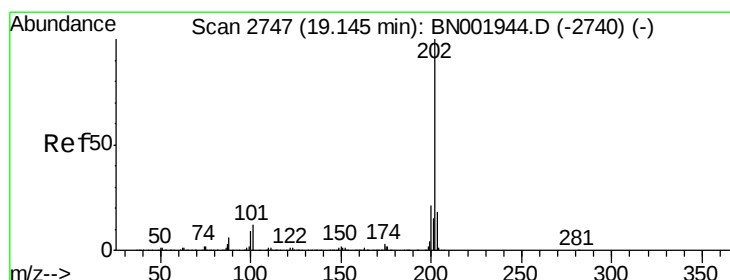
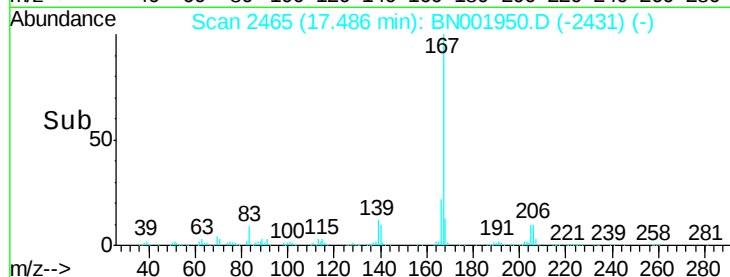
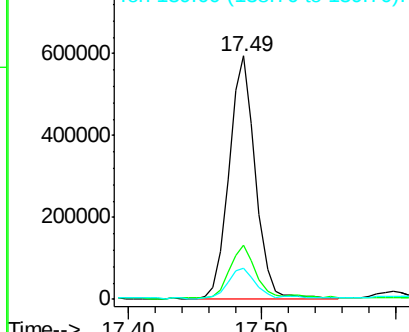
Tgt Ion	Ratio	Resp	Lower	Upper
167	100	811408		
166	22.2	17.0	25.4	
139	12.9	9.1	13.7	

Manual Integrations
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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: 60.207 ng/ul

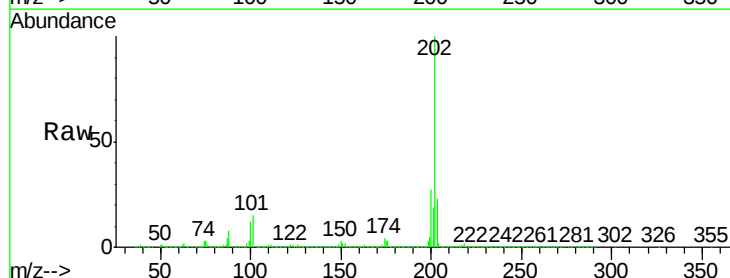
RT: 19.15 min Scan# 2748

Delta R.T. 0.01 min

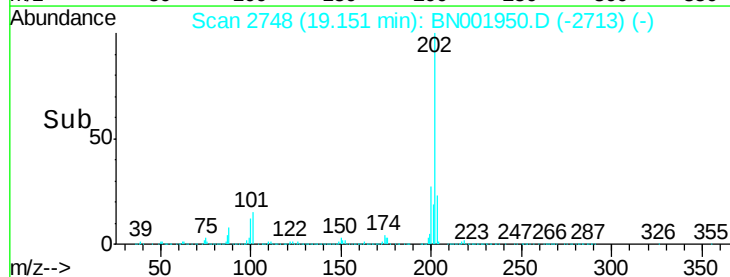
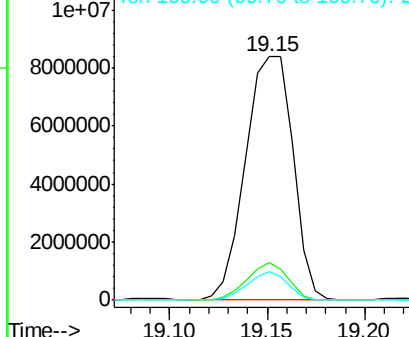
Lab File: BN001950.D

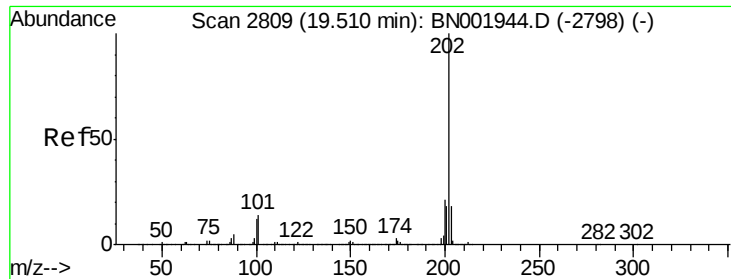
Acq: 03 Jul 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	14129403		
101	15.3	6.1	9.1#	
100	11.8	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: 117.459 ng/ul m

RT: 19.52 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BN001950.D

Acq: 03 Jul 2018 19:03

Instrument :

BNA_N

ClientSampleId :

F1H23

Tgt Ion:202 Resp:18792263

Ion Ratio Lower Upper

202 100

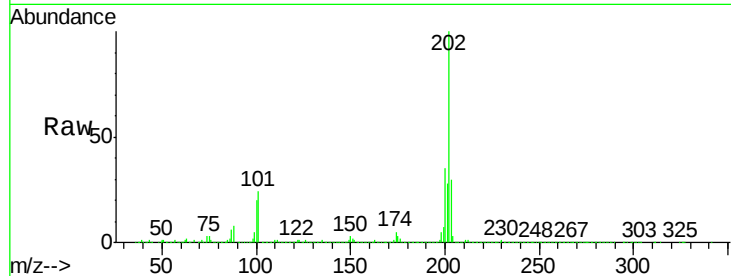
101 24.5 6.9 10.3#

100 20.0 5.6 8.4#

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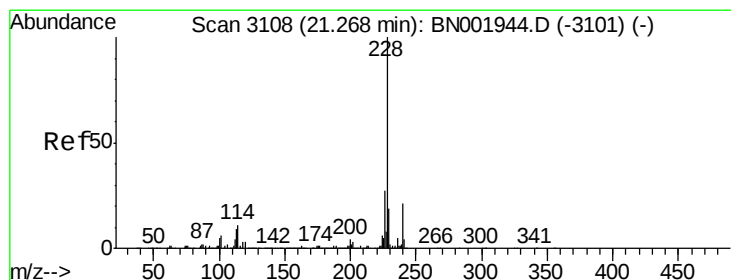
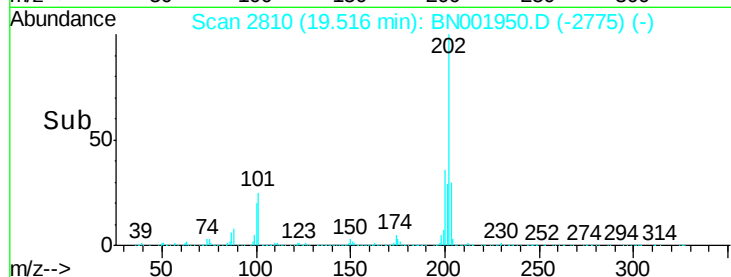
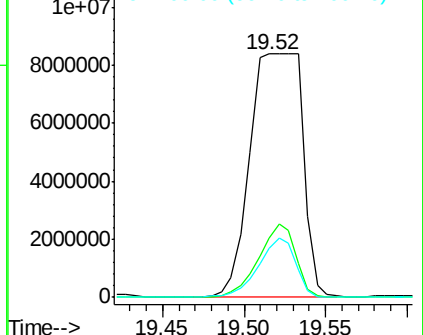
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 67.187 ng/ul m

RT: 21.27 min Scan# 3109

Delta R.T. 0.01 min

Lab File: BN001950.D

Acq: 03 Jul 2018 19:03

Tgt Ion:228 Resp:10855945

Ion Ratio Lower Upper

228 100

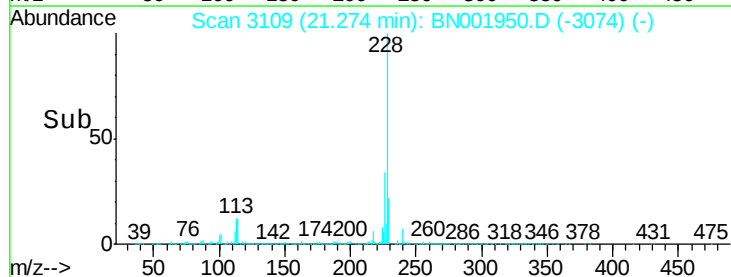
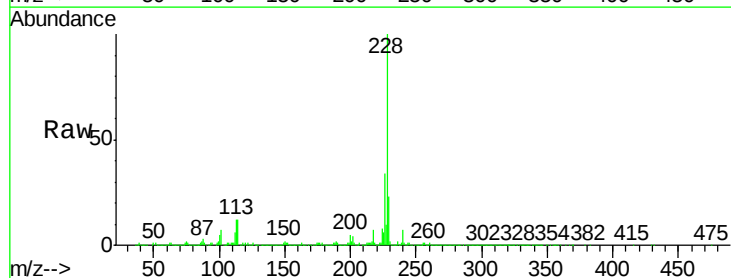
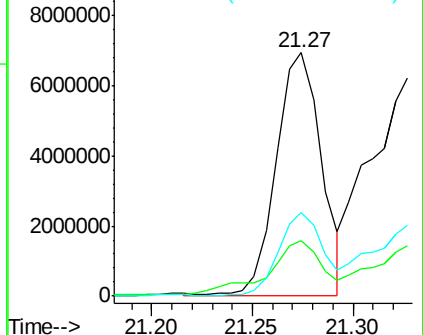
229 22.6 16.0 24.0

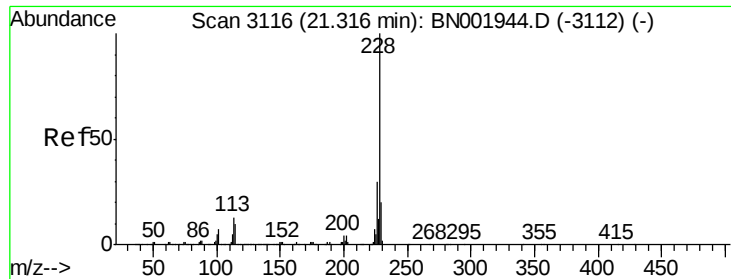
226 34.4 21.8 32.8#

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: 78.234 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. 0.01 min

Lab File: BN001950.D

Acq: 03 Jul 2018 19:03

Instrument :

BNA_N

ClientSampled :

F1H23

Tgt Ion:228 Resp:11761649

Ion Ratio Lower Upper

228 100

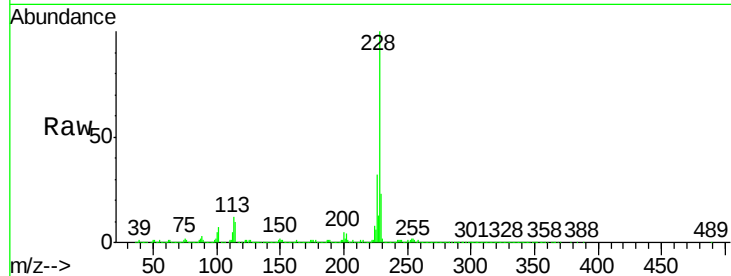
226 32.2 24.1 36.1

229 23.0 16.0 24.0

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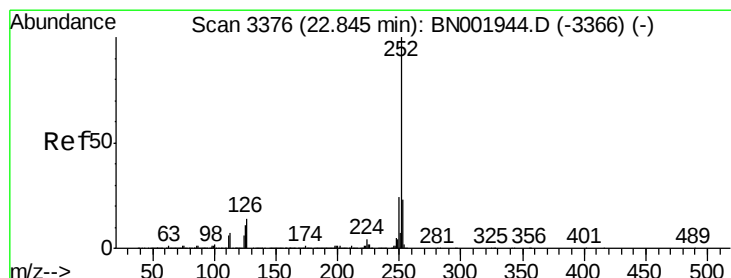
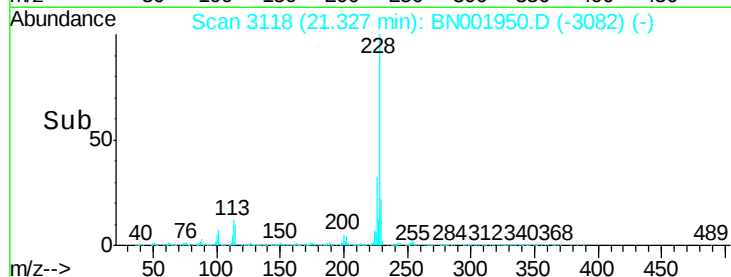
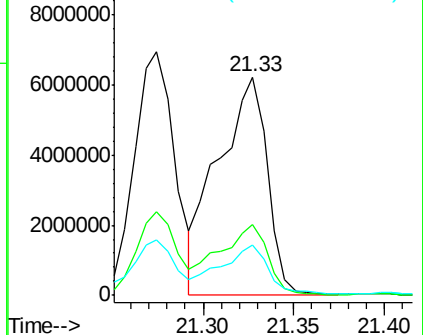
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 122.423 ng/ul

RT: 22.87 min Scan# 3381

Delta R.T. 0.03 min

Lab File: BN001950.D

Acq: 03 Jul 2018 19:03

Tgt Ion:252 Resp:19629700

Ion Ratio Lower Upper

252 100

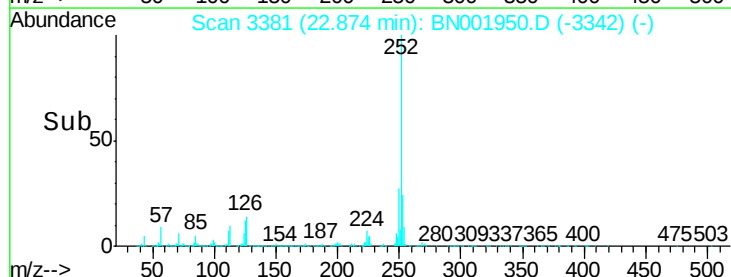
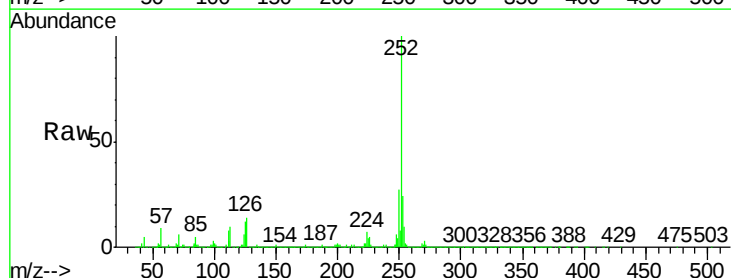
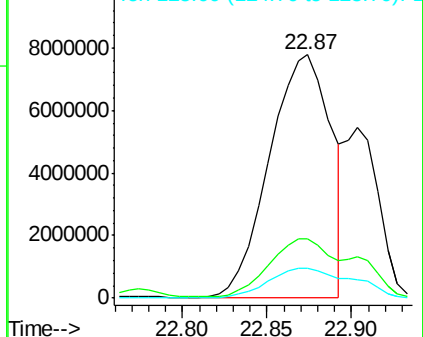
253 24.5 17.4 26.0

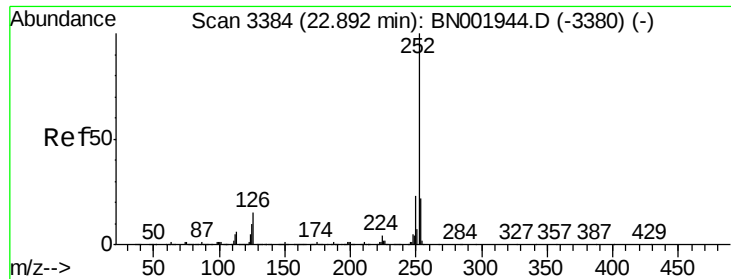
125 12.4 4.9 7.3#

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





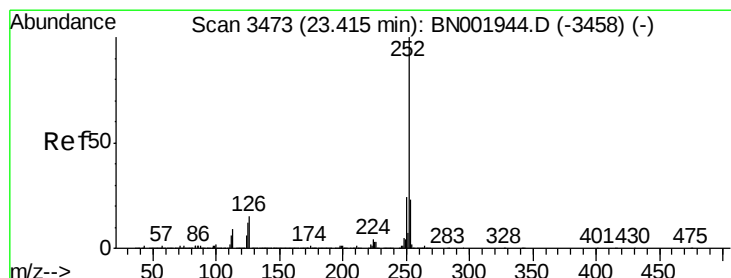
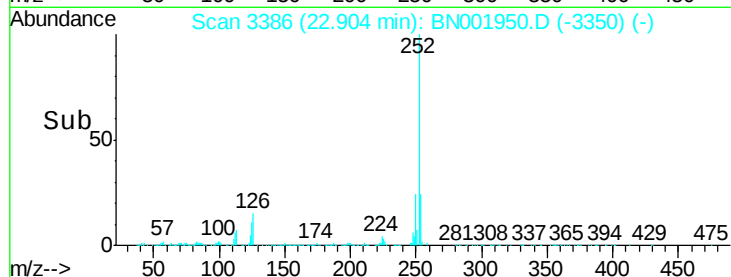
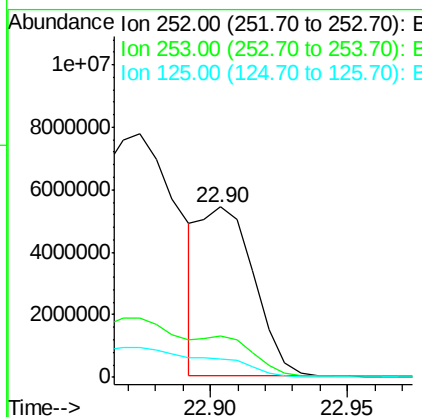
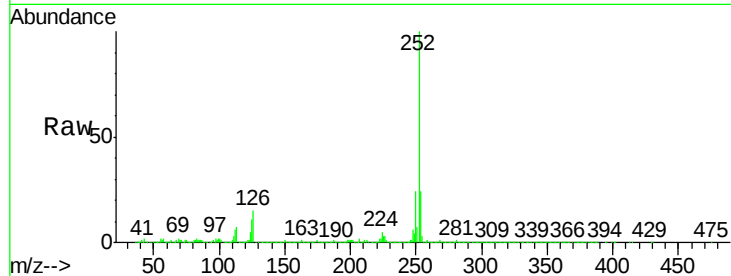
#86
Benzo(k)fluoranthene
Concen: 47.243 ng/ul m
RT: 22.90 min Scan# 3386
Delta R.T. 0.01 min
Lab File: BN001950.D
Acq: 03 Jul 2018 19:03

Instrument :
BNA_N
ClientSampled :
F1H23

Tgt Ion:252 Resp: 7345676
Ion Ratio Lower Upper
252 100
253 23.9 17.1 25.7
125 11.1 5.4 8.0#

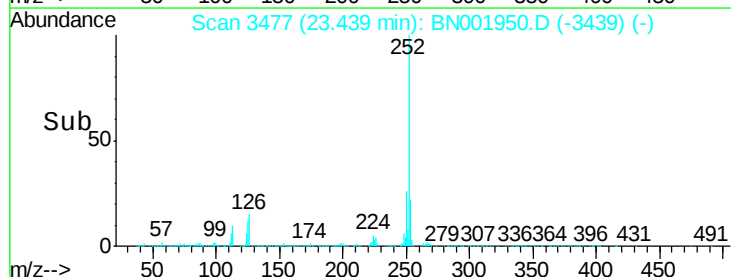
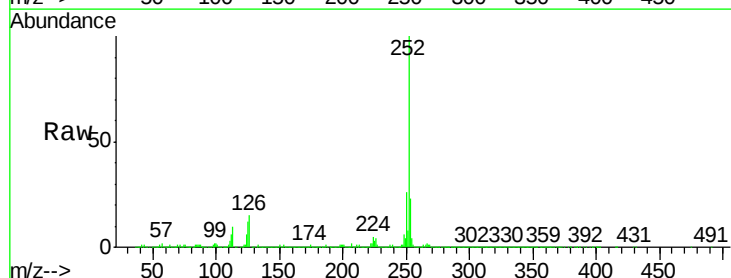
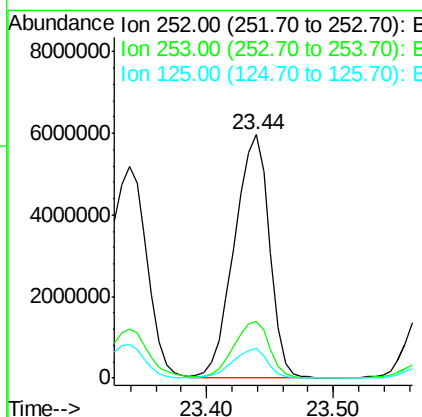
Manual Integrations
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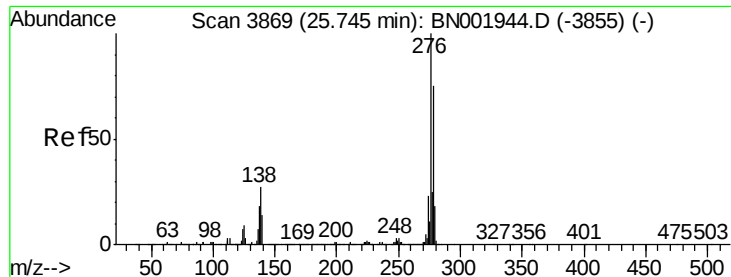
Sohil
7/5/2018 4:31:13 PM



#88
Benzo(a)pyrene
Concen: 75.772 ng/ul
RT: 23.44 min Scan# 3477
Delta R.T. 0.02 min
Lab File: BN001950.D
Acq: 03 Jul 2018 19:03

Tgt Ion:252 Resp:11353515
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 12.0 5.8 8.6#





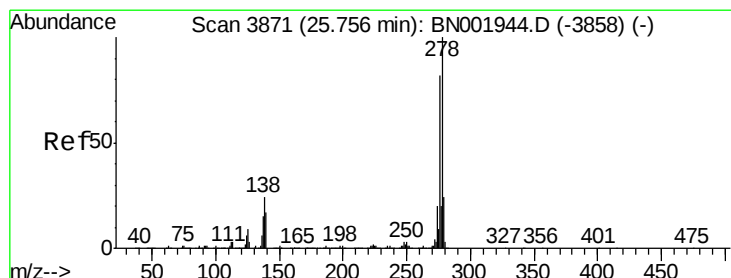
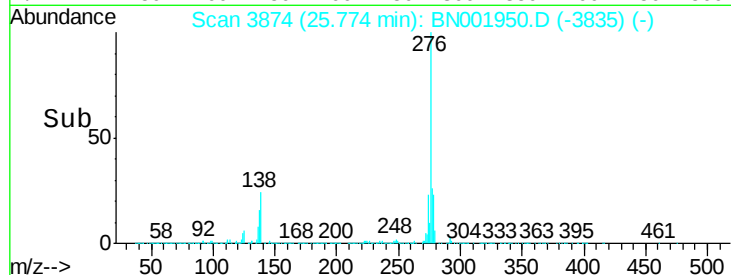
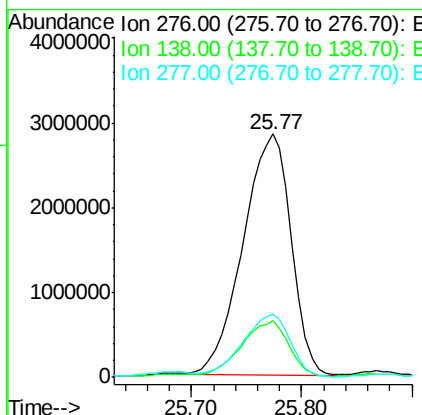
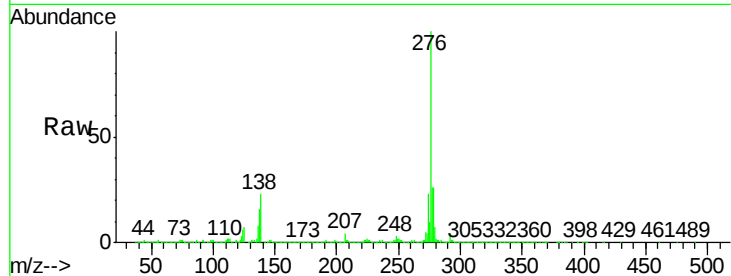
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 54.303 ng/u1
 RT: 25.77 min Scan# 3874
 Delta R.T. 0.03 min
 Lab File: BN001950.D
 Acq: 03 Jul 2018 19:03

Instrument :
 BNA_N
 ClientSampleId :
 F1H23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	10.9	16.3#
277	25.7	18.9	28.3

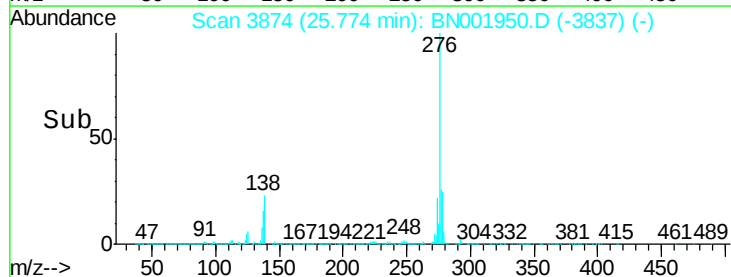
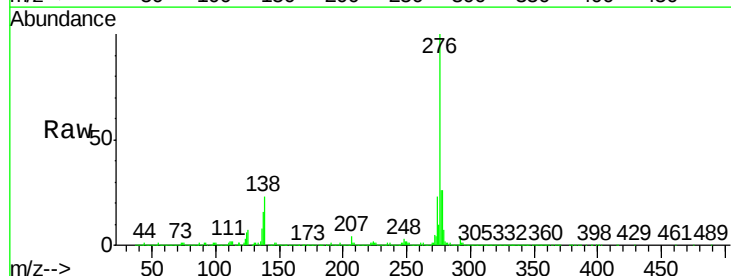
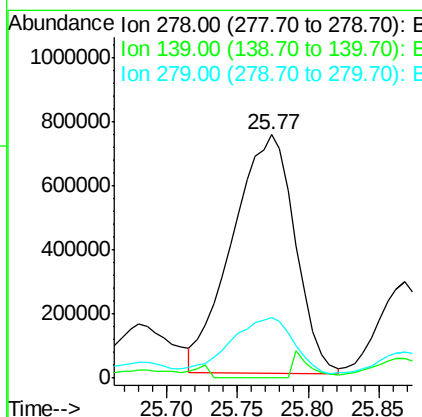
Manual Integrations
 APPROVED

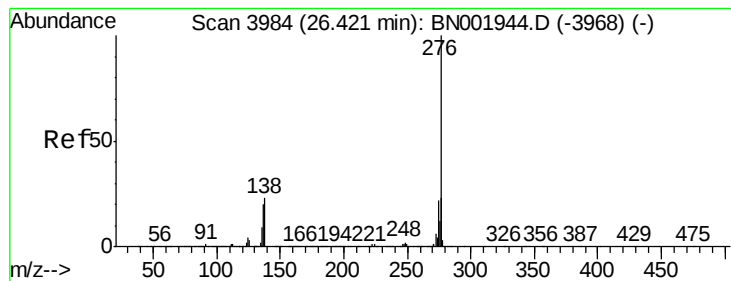
Sohil
 7/5/2018 4:31:13 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 17.379 ng/u1
 RT: 25.77 min Scan# 3874
 Delta R.T. 0.02 min
 Lab File: BN001950.D
 Acq: 03 Jul 2018 19:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.0	13.4#
279	24.9	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 54.788 ng/ul

RT: 26.46 min Scan# 3990

Delta R.T. 0.04 min

Lab File: BN001950.D

Acq: 03 Jul 2018 19:03

Instrument :

BNA_N

ClientSampleId :

F1H23

Tgt Ion: 276 Resp: 7205834

Ion Ratio Lower Upper

276 100

138 23.6 11.2 16.8#

277 24.9 19.0 28.6

Manual Integrations

APPROVED

Sohil

7/5/2018 4:31:13 PM

