

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
 Data File : BN001955.D
 Acq On : 03 Jul 2018 22:00
 Operator : JU/SJ
 Sample : J3721-18 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 F1H03

Manual Integrations
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 7/5/2018 4:31:19 PM

Quant Time: Jul 04 04:35:43 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	738299	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	3244537	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1754706	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3308084	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2177762	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2298899	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	14339	0.84	ng/uL	0.00
5) Phenol-d5	6.88	99	331448	4.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	216637	5.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	278094	5.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	254828	4.76	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	133010	5.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	144372	5.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	274379	5.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	162652	2.95	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	797936	5.39	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1010602	5.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	84831	3.11	ng/ul	0.00
57) Fluorene-d10	15.33	176	690582	5.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	70203	3.90	ng/ul	0.00
70) Anthracene-d10	17.18	188	909715	5.69	ng/ul	0.00
76) Pyrene-d10	19.48	212	762386	6.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	690030	5.52	ng/ul	0.01

Target Compounds

					Qvalue
44) Dimethylphthalate	13.80	163	324813	2.230 ng/ul	98
47) Acenaphthylene	14.06	152	827375	4.686 ng/ul	99
69) Phenanthrene	17.13	178	1787049	9.590 ng/ul	100
71) Anthracene	17.22	178	2981988	15.809 ng/ul	98
72) Carbazole	17.49	167	1351232	8.551 ng/ul	98
74) Fluoranthene	19.15	202	11071988	56.524 ng/ul#	87
77) Pyrene	19.52	202	11015793	80.830 ng/ul#	84
80) Benzo(a)anthracene	21.27	228	4395645	31.937 ng/ul	95
82) Chrysene	21.32	228	6782977	52.967 ng/ul	97
85) Benzo(b)fluoranthene	22.86	252	11376327	78.351 ng/ul#	93
86) Benzo(k)fluoranthene	22.89	252	3558912m	25.277 ng/ul	
88) Benzo(a)pyrene	23.43	252	5158180	38.016 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.76	276	3993216	27.658 ng/ul#	91
90) Dibenzo(a,h)anthracene	25.76	278	1046631	8.710 ng/ul#	87
91) Benzo(g,h,i)perylene	26.44	276	2883984	24.215 ng/ul#	91

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

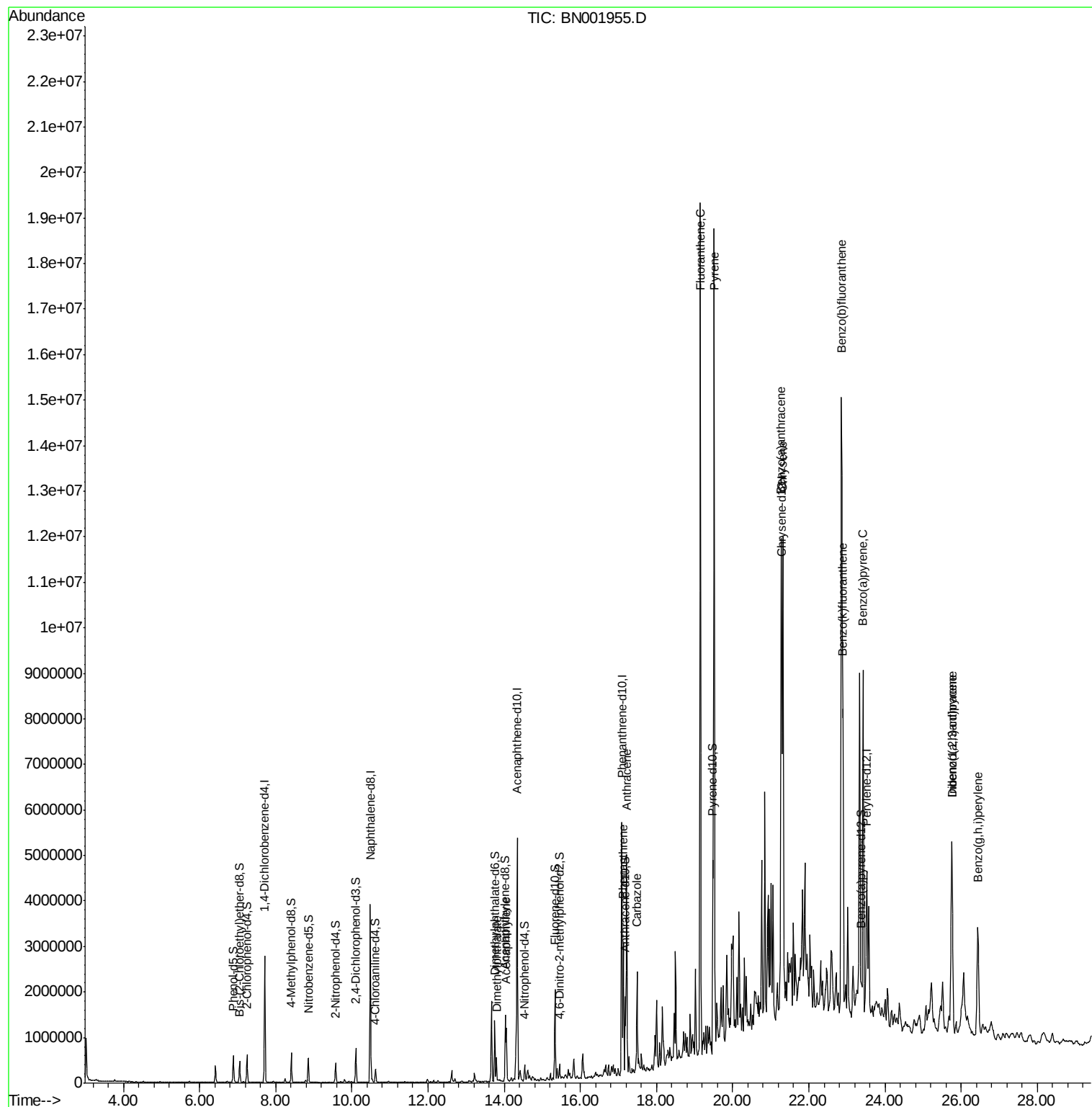
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001955.D
Acq On : 03 Jul 2018 22:00
Operator : JU/SJ
Sample : J3721-18 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

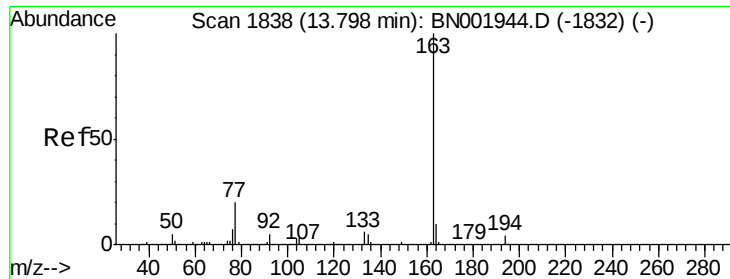
Instrument :
BNA_N
ClientSampleID :
F1H03

Quant Time: Jul 04 04:35:43 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

Manual Integrations
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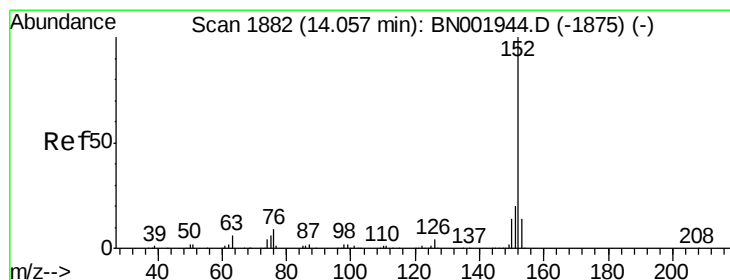
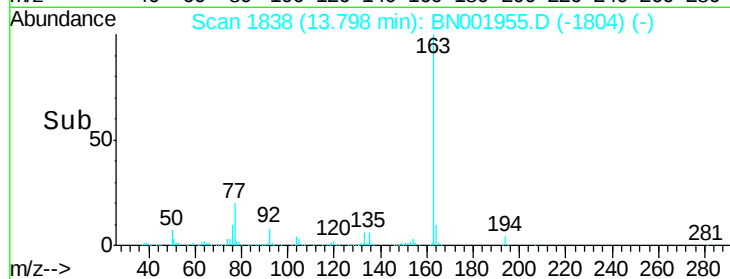
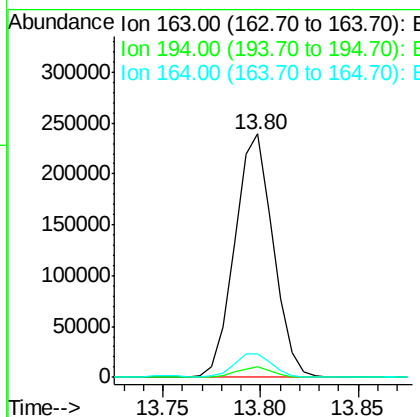
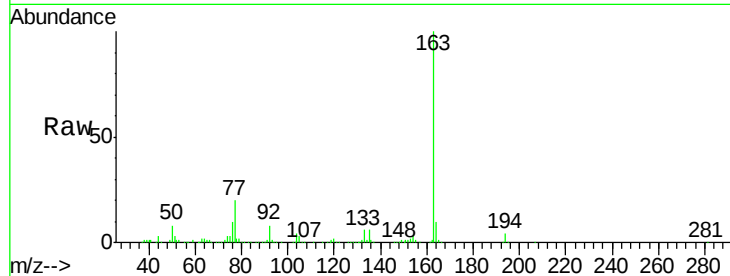
#44
Dimethylphthalate
Concen: 2.230 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BN001955.D
Acq: 03 Jul 2018 22:00

Instrument :
BNA_N
ClientSampleId :
F1H03

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	324813		
194	4.2	4.0	6.0	
164	9.9	8.4	12.6	

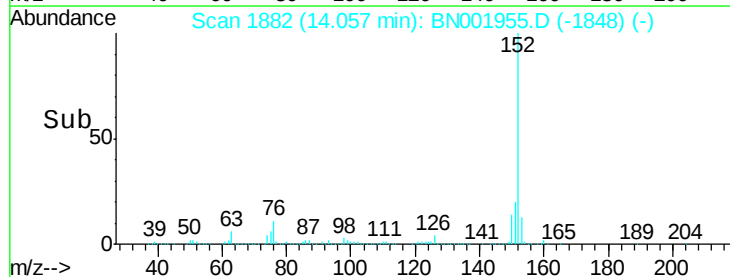
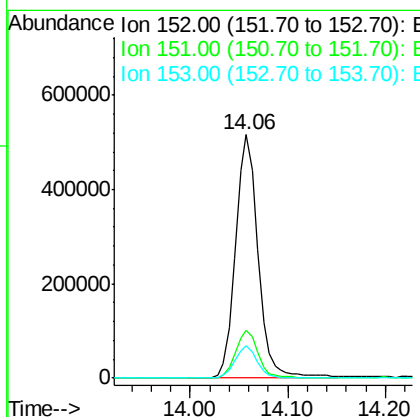
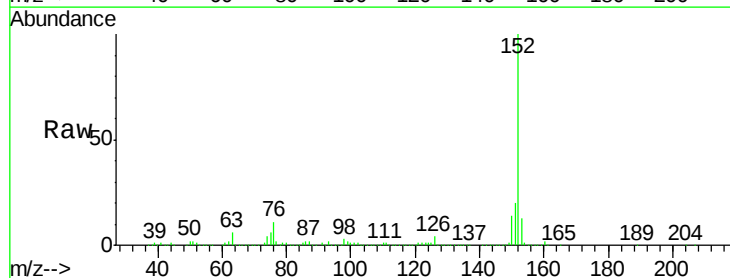
Manual Integrations
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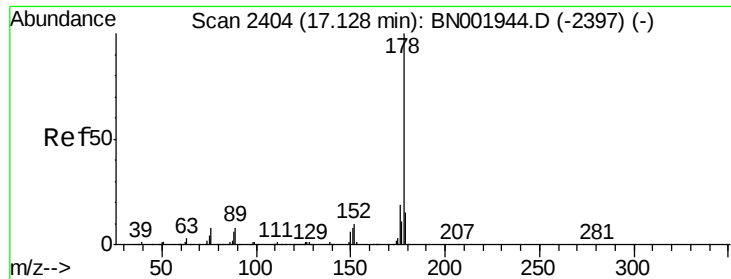
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#47
Acenaphthylene
Concen: 4.686 ng/ul
RT: 14.06 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BN001955.D
Acq: 03 Jul 2018 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	827375		
151	19.6	16.1	24.1	
153	13.3	10.8	16.2	





#69

Phenanthrene

Concen: 9.590 ng/ul

RT: 17.13 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BN001955.D

Acq: 03 Jul 2018 22:00

Instrument :

BNA_N

ClientSampleId :

F1H03

Tgt Ion:178 Resp: 1787049

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

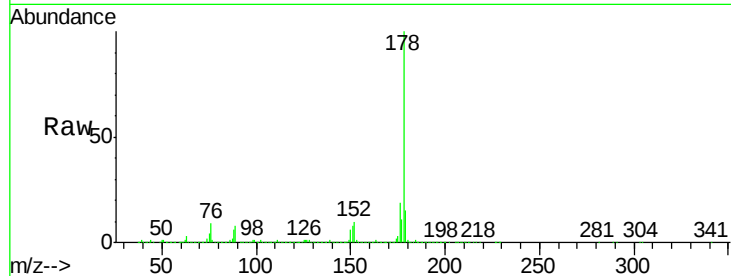
176 19.0 15.4 23.0

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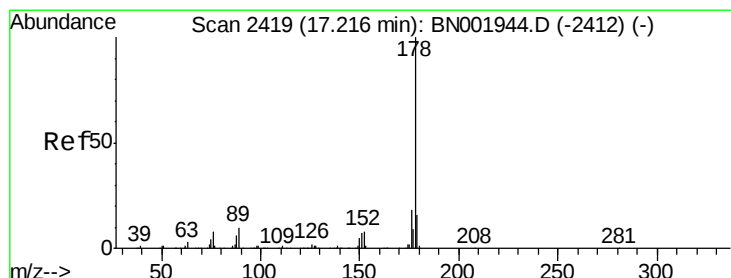
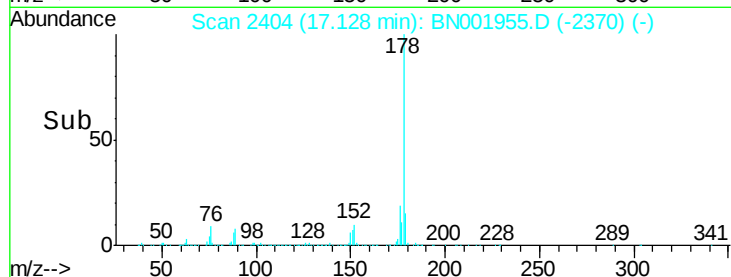
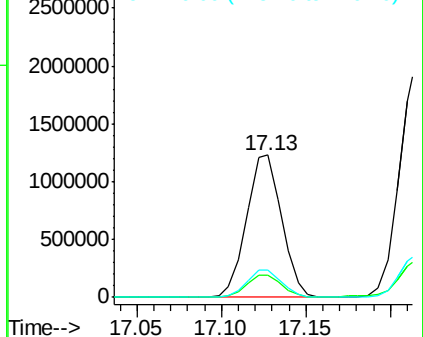
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 15.809 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BN001955.D

Acq: 03 Jul 2018 22:00

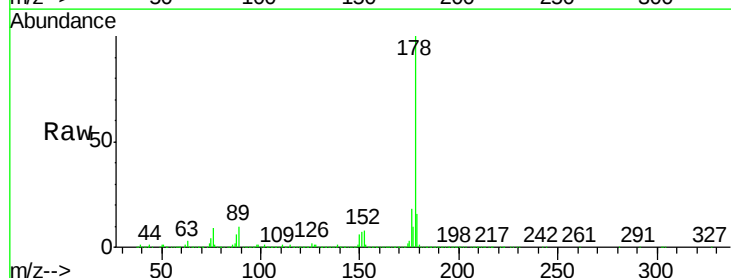
Tgt Ion:178 Resp: 2981988

Ion Ratio Lower Upper

178 100

179 15.6 13.4 20.2

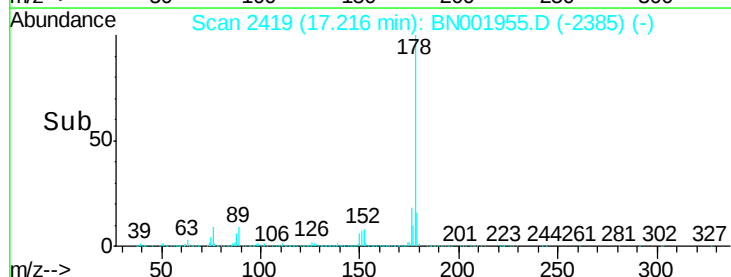
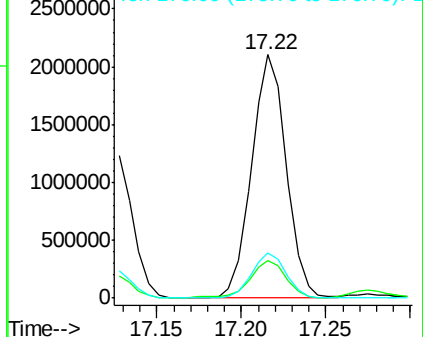
176 18.4 15.4 23.0

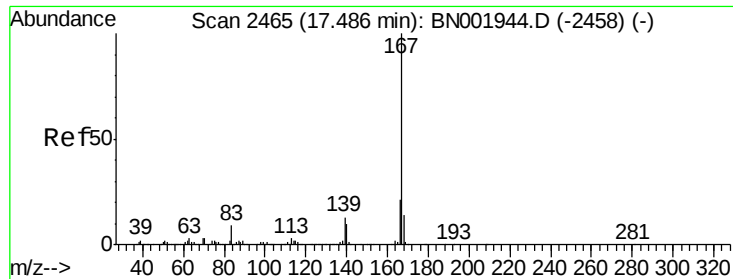


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





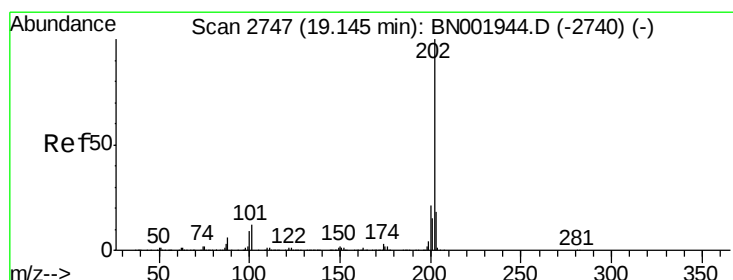
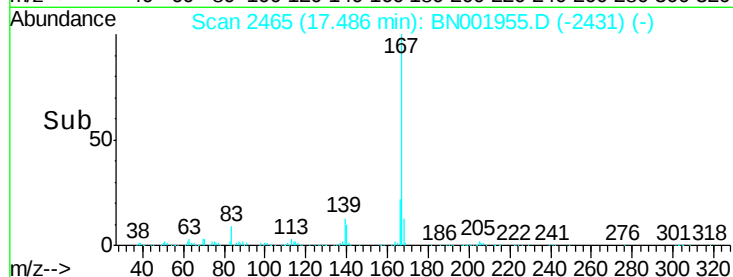
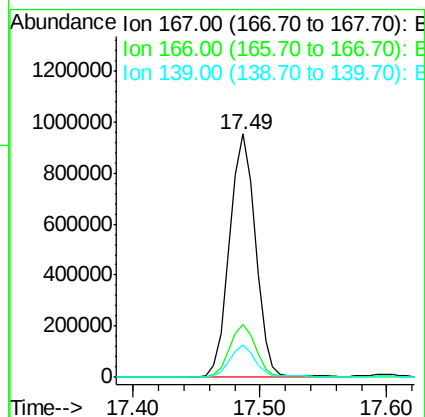
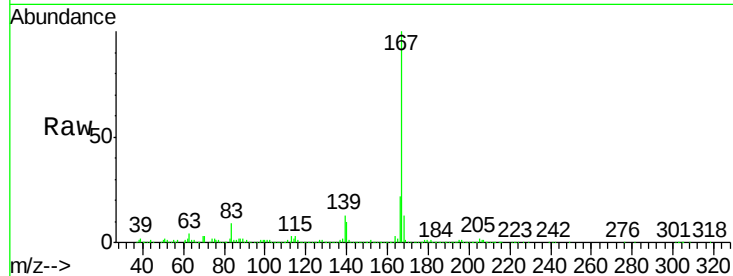
#72
 Carbazole
 Concen: 8.551 ng/ul
 RT: 17.49 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BN001955.D
 Acq: 03 Jul 2018 22:00

Instrument :
 BNA_N
 ClientSampleId :
 F1H03

Tgt Ion:167 Resp: 1351232
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.4
 139 13.1 9.1 13.7

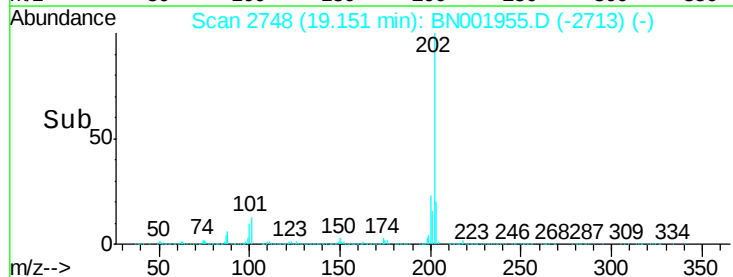
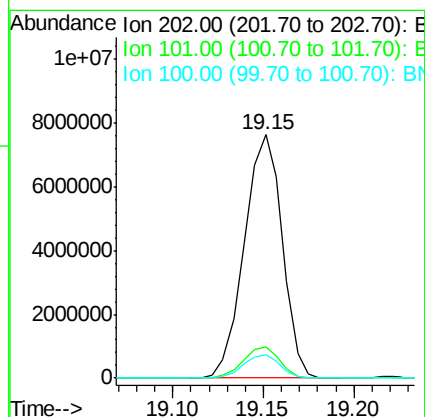
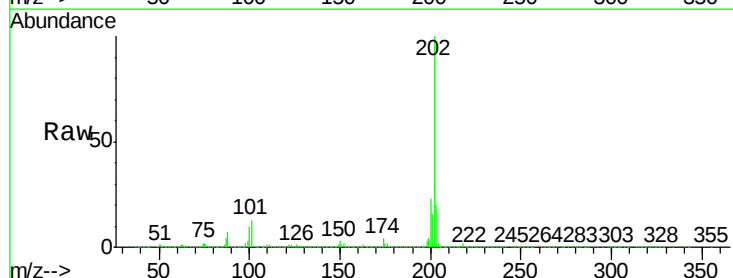
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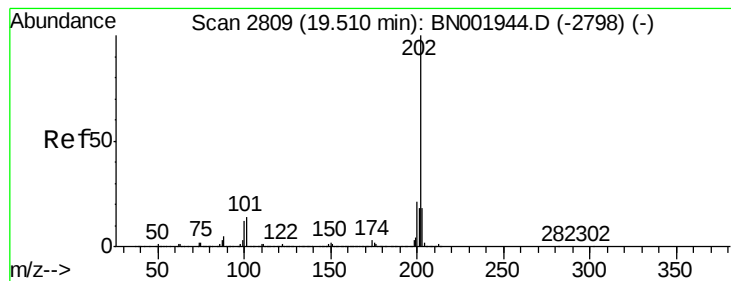
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#74
 Fluoranthene
 Concen: 56.524 ng/ul
 RT: 19.15 min Scan# 2748
 Delta R.T. 0.01 min
 Lab File: BN001955.D
 Acq: 03 Jul 2018 22:00

Tgt Ion:202 Resp:11071988
 Ion Ratio Lower Upper
 202 100
 101 12.9 6.1 9.1#
 100 9.6 4.6 7.0#





#77

Pyrene

Concen: 80.830 ng/ul

RT: 19.52 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BN001955.D

Acq: 03 Jul 2018 22:00

Instrument :

BNA_N

ClientSampleId :

F1H03

Tgt Ion:202 Resp:11015793

Ion Ratio Lower Upper

202 100

101 14.7 6.9 10.3#

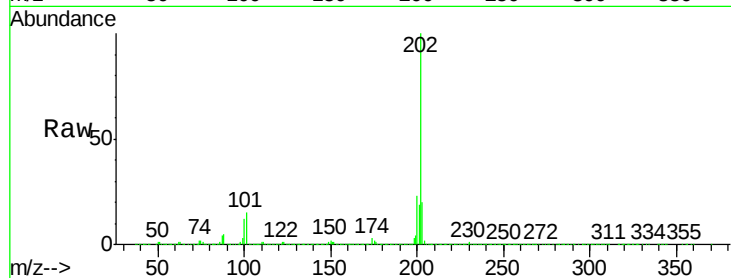
100 12.0 5.6 8.4#

Manual Integrations

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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

8000000

6000000

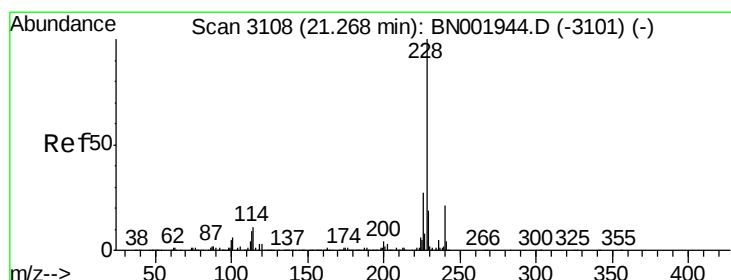
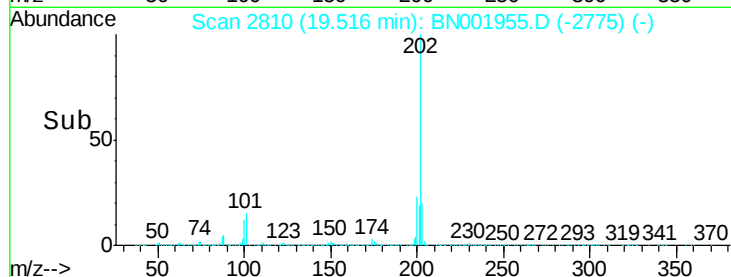
4000000

2000000

0

19.45 19.50 19.55

Time-->



#80

Benzo(a)anthracene

Concen: 31.937 ng/ul

RT: 21.27 min Scan# 3108

Delta R.T. 0.00 min

Lab File: BN001955.D

Acq: 03 Jul 2018 22:00

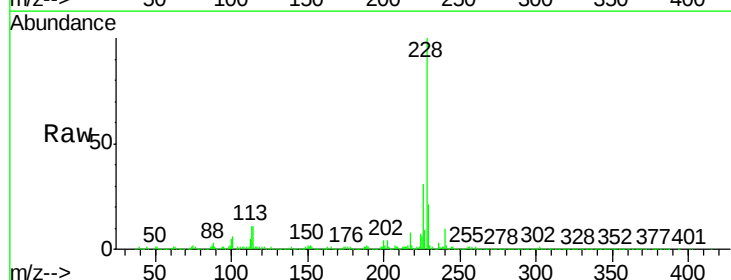
Tgt Ion:228 Resp: 4395645

Ion Ratio Lower Upper

228 100

229 21.4 16.0 24.0

226 30.9 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

5000000

4000000

3000000

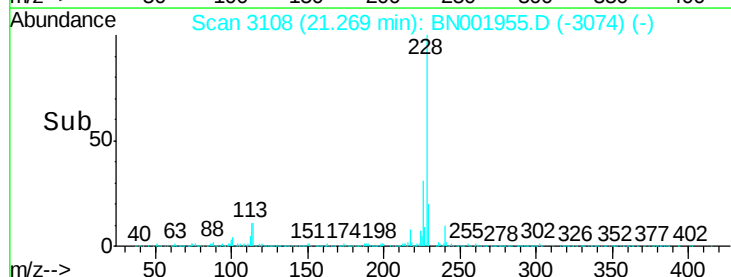
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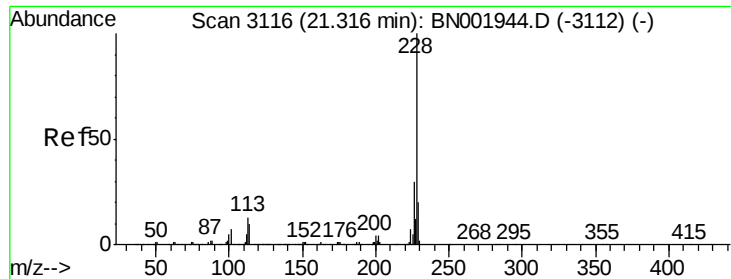
1000000

0

21.20 21.25 21.30

Time-->





#82

Chrysene

Concen: 52.967 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. 0.01 min

Lab File: BN001955.D

Acq: 03 Jul 2018 22:00

Instrument :

BNA_N

ClientSampled :

F1H03

Tgt Ion:228 Resp: 6782977

Ion Ratio Lower Upper

228 100

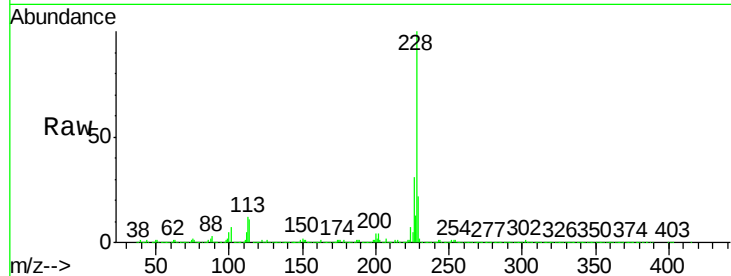
226 31.0 24.1 36.1

229 22.2 16.0 24.0

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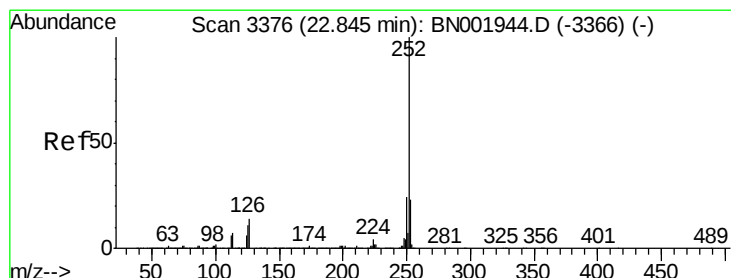
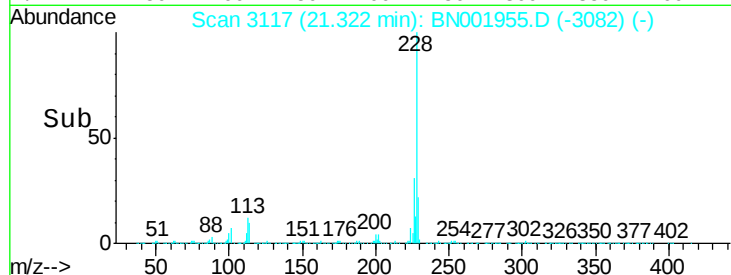
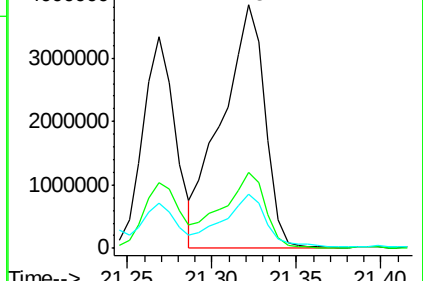
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 78.351 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. 0.01 min

Lab File: BN001955.D

Acq: 03 Jul 2018 22:00

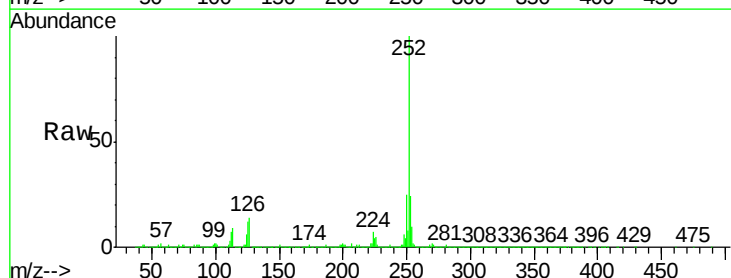
Tgt Ion:252 Resp:11376327

Ion Ratio Lower Upper

252 100

253 23.8 17.4 26.0

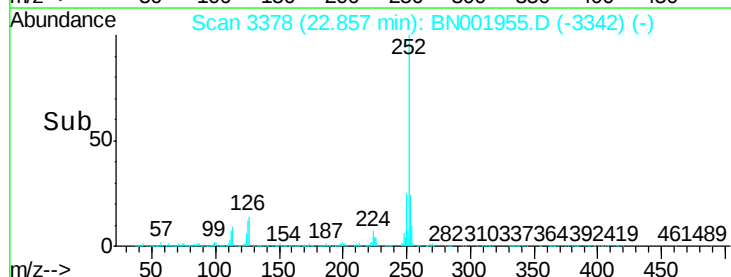
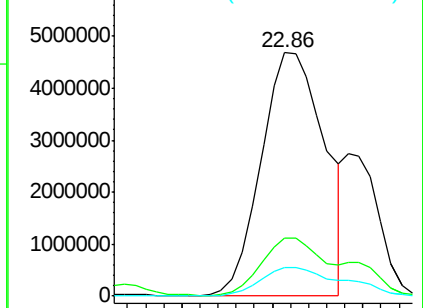
125 11.6 4.9 7.3#

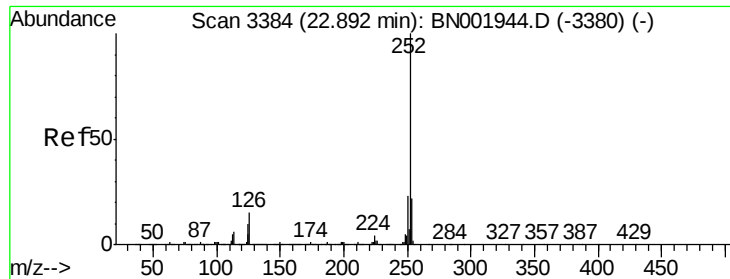


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





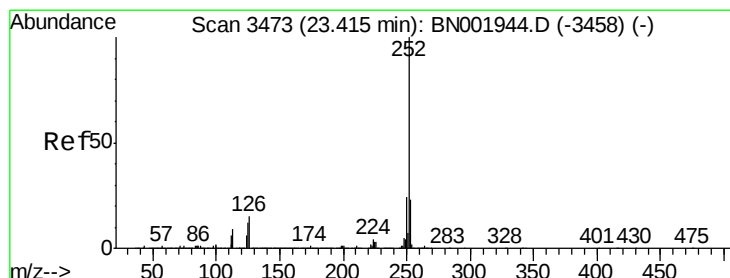
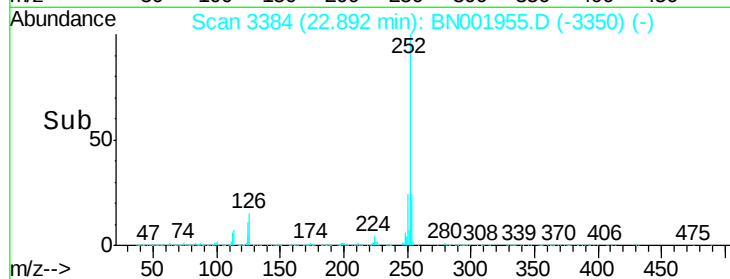
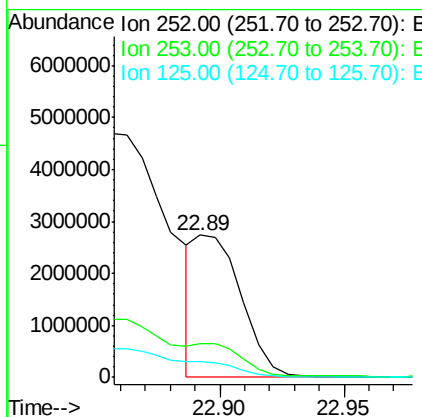
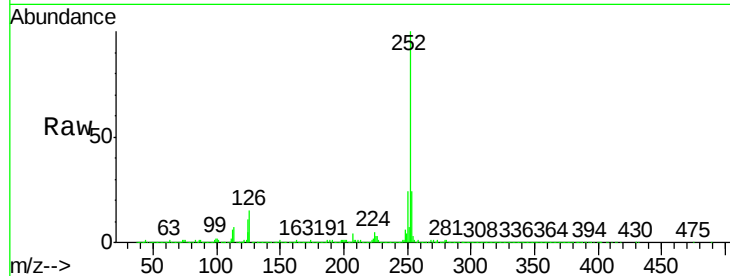
#86
Benzo(k)fluoranthene
Concen: 25.277 ng/ul m
RT: 22.89 min Scan# 3384
Delta R.T. 0.00 min
Lab File: BN001955.D
Acq: 03 Jul 2018 22:00

Instrument :
BNA_N
ClientSampleId :
F1H03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	11.4	5.4	8.0

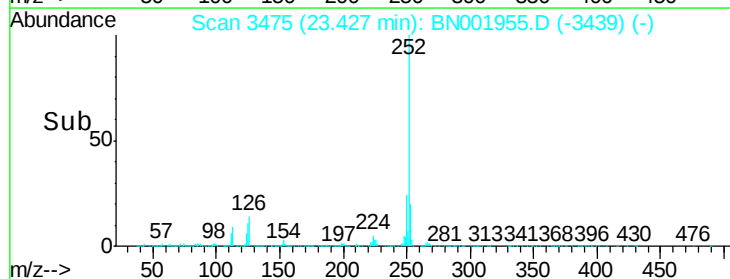
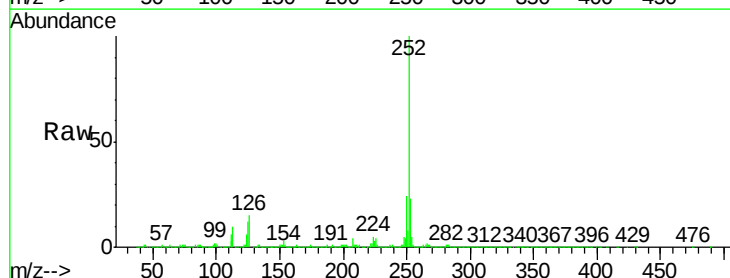
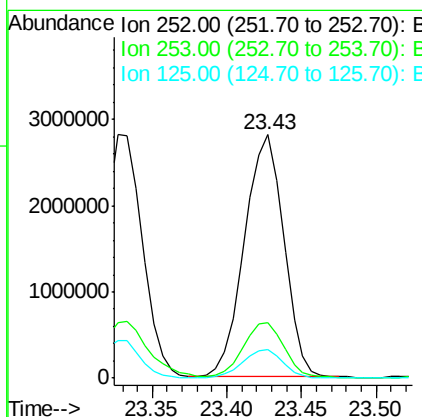
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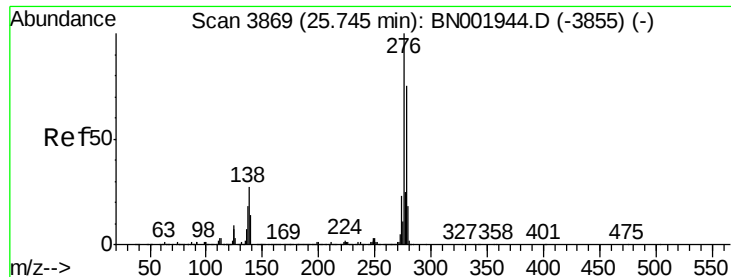
Sohil
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#88
Benzo(a)pyrene
Concen: 38.016 ng/ul
RT: 23.43 min Scan# 3475
Delta R.T. 0.01 min
Lab File: BN001955.D
Acq: 03 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.5	5.8	8.6





#89

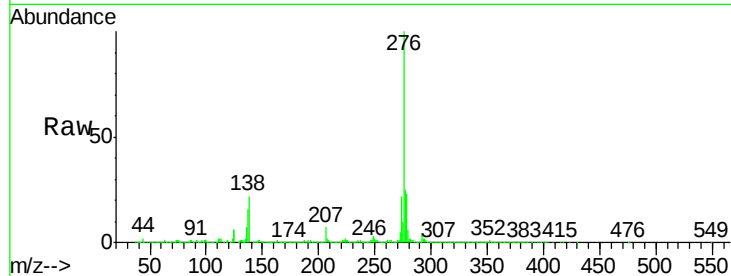
Indeno(1,2,3-cd)pyrene
Concen: 27.658 ng/ul
RT: 25.76 min Scan# 3871
Delta R.T. 0.01 min
Lab File: BN001955.D
Acq: 03 Jul 2018 22:00

Instrument :
BNA_N
ClientSampleId :
F1H03

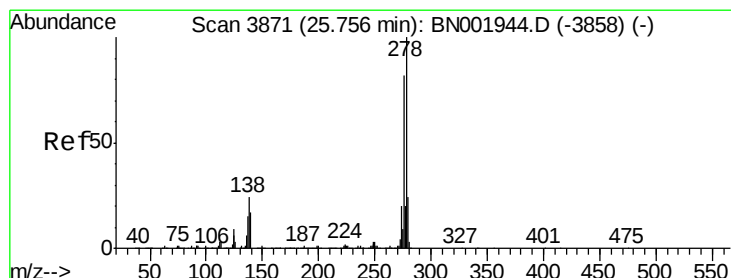
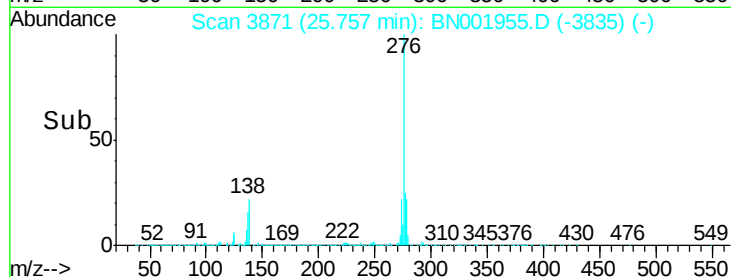
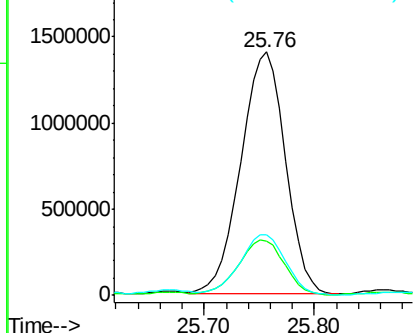
Tgt Ion:276 Resp: 3993216
Ion Ratio Lower Upper
276 100
138 22.4 10.9 16.3#
277 24.7 18.9 28.3

Manual Integrations
APPROVED

Sohil
7/5/2018 4:31:19 PM



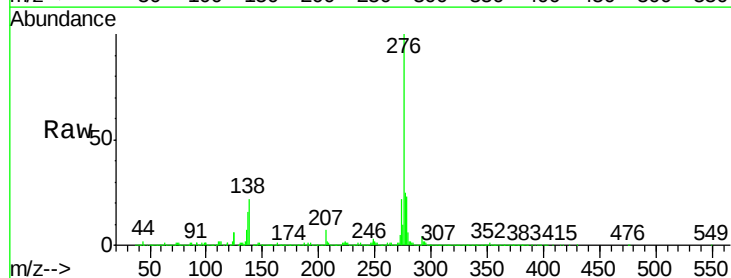
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



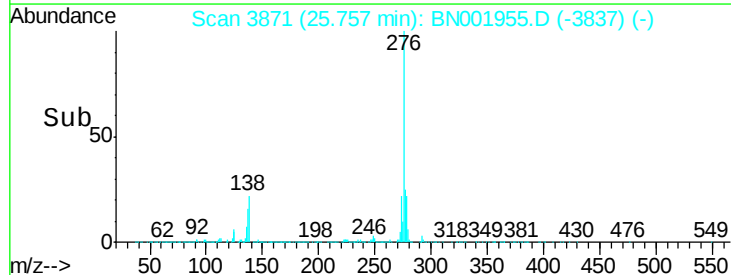
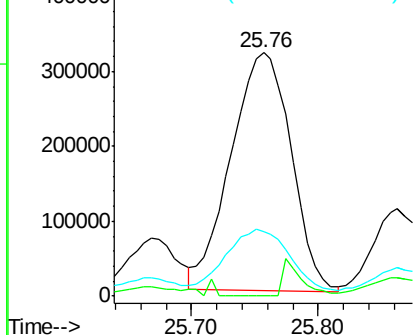
#90

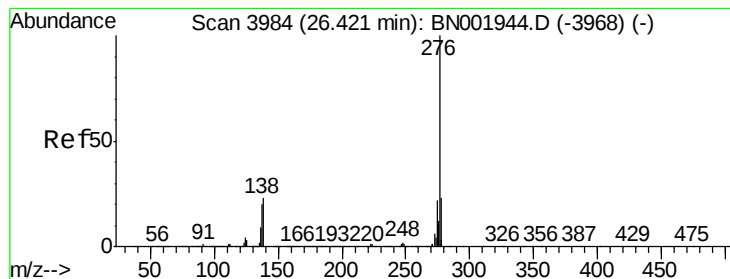
Dibenzo(a,h)anthracene
Concen: 8.710 ng/ul
RT: 25.76 min Scan# 3871
Delta R.T. 0.00 min
Lab File: BN001955.D
Acq: 03 Jul 2018 22:00

Tgt Ion:278 Resp: 1046631
Ion Ratio Lower Upper
278 100
139 0.0 9.0 13.4#
279 26.7 19.1 28.7



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





#91

Benzo(g,h,i)perylene

Concen: 24.215 ng/ul

RT: 26.44 min Scan# 3987

Delta R.T. 0.02 min

Lab File: BN001955.D

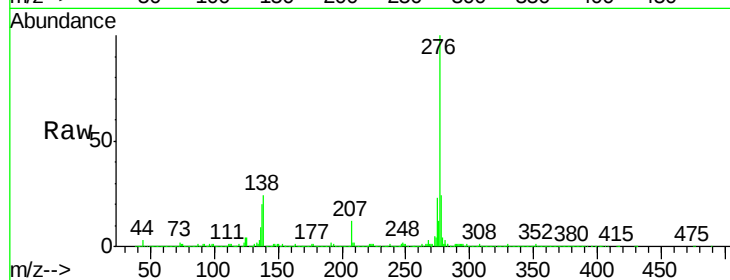
Acq: 03 Jul 2018 22:00

Instrument :

BNA_N

ClientSampleId :

F1H03



Tgt Ion: 276 Resp: 2883984

Ion Ratio Lower Upper

276 100

138 23.5 11.2 16.8#

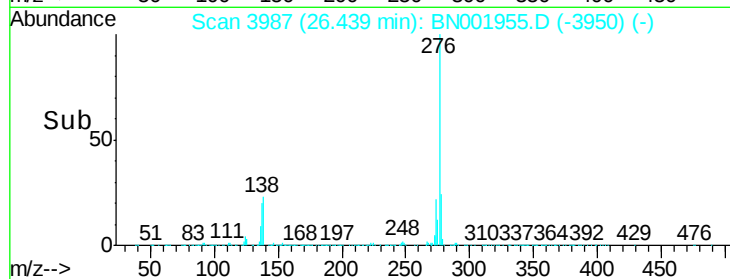
277 24.3 19.0 28.6

Manual Integrations

APPROVED

Sohil

7/5/2018 4:31:19 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

