

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
 Data File : BN001956.D
 Acq On : 03 Jul 2018 22:35
 Operator : JU/SJ
 Sample : J3721-20 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H13

Manual Integrations
 APPROVED

Sohil
 7/5/2018 4:31:20 PM

Quant Time: Jul 04 04:39:36 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	678017	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	3036368	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1707255	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3483967	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	2394563	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2208275	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	12252	0.78	ng/uL	0.00
5) Phenol-d5	6.88	99	285614	4.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	184820	4.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	235644	4.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	213073	4.33	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	112578	4.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	122666	5.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	234036	4.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	166791	3.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	699653	4.85	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	884119	4.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	82137	3.09	ng/ul	0.00
57) Fluorene-d10	15.33	176	615532	4.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	66604	3.51	ng/ul	0.00
70) Anthracene-d10	17.18	188	878418	5.22	ng/ul	0.00
76) Pyrene-d10	19.48	212	801211	6.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	600582	5.00	ng/ul	0.00

Target Compounds

					Qvalue
44) Dimethylphthalate	13.80	163	263348	1.859 ng/ul#	98
47) Acenaphthylene	14.06	152	608608	3.543 ng/ul	99
69) Phenanthrene	17.13	178	465926	2.374 ng/ul	99
71) Anthracene	17.22	178	1168358	5.881 ng/ul	97
72) Carbazole	17.49	167	606501	3.645 ng/ul	98
74) Fluoranthene	19.15	202	6313417	30.604 ng/ul#	90
77) Pyrene	19.52	202	7672977	51.204 ng/ul#	87
80) Benzo(a)anthracene	21.27	228	3304424	21.835 ng/ul	93
82) Chrysene	21.32	228	5029566	35.719 ng/ul	99
85) Benzo(b)fluoranthene	22.86	252	8420161	60.371 ng/ul#	94
86) Benzo(k)fluoranthene	22.89	252	2974844m	21.995 ng/ul	
88) Benzo(a)pyrene	23.42	252	3799725	29.153 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.75	276	2916864	21.032 ng/ul#	91
90) Dibenzo(a,h)anthracene	25.75	278	752791	6.522 ng/ul#	86
91) Benzo(g,h,i)perylene	26.43	276	2089561	18.265 ng/ul#	92

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

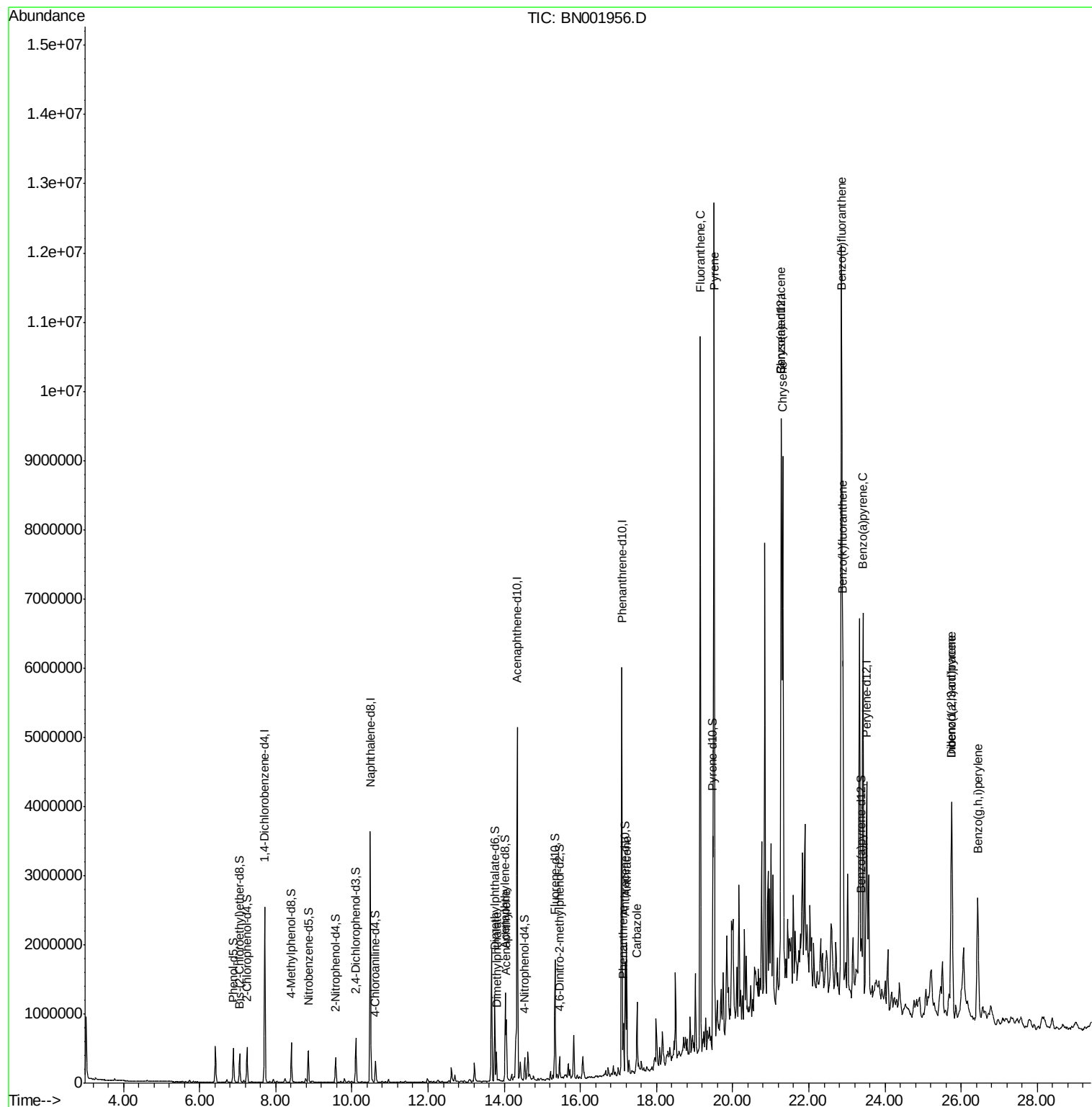
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001956.D
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Sample : J3721-20 5X
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ALS Vial : 22 Sample Multiplier: 1

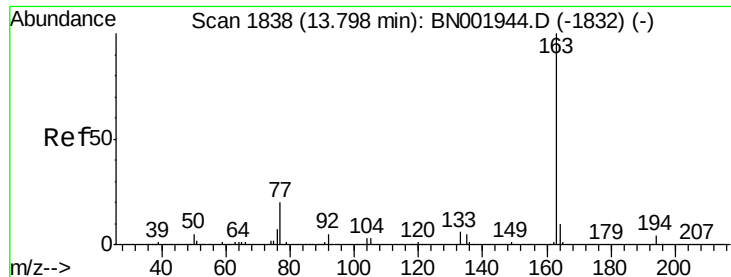
Instrument :
BNA_N
ClientSampleId :
F1H13

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
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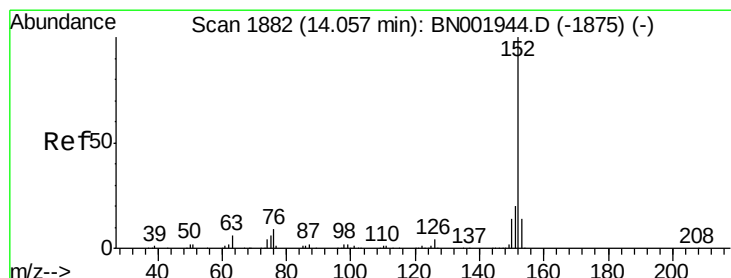
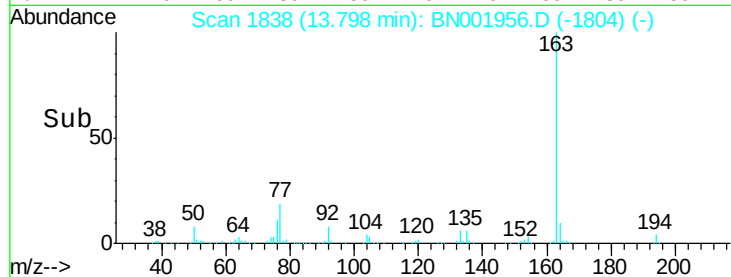
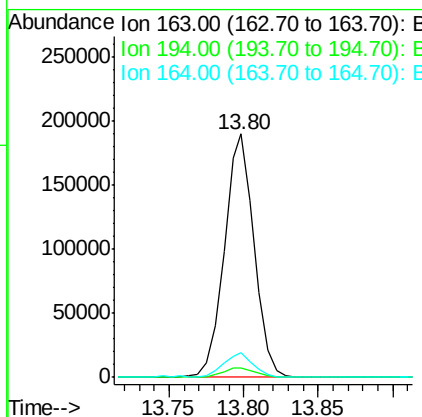
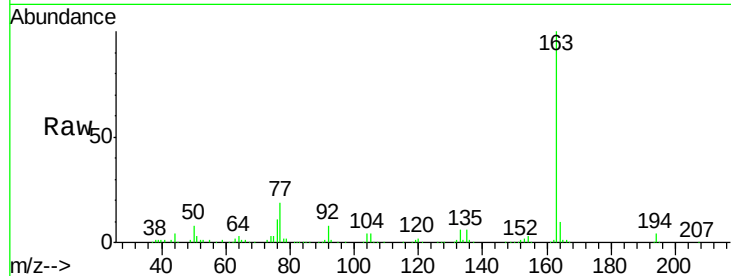
#44
Dimethylphthalate
Concen: 1.859 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BN001956.D
Acq: 03 Jul 2018 22:35

Instrument :
BNA_N
ClientSampleId :
F1H13

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	263348		
194	3.9	4.0	6.0#	
164	10.1	8.4	12.6	

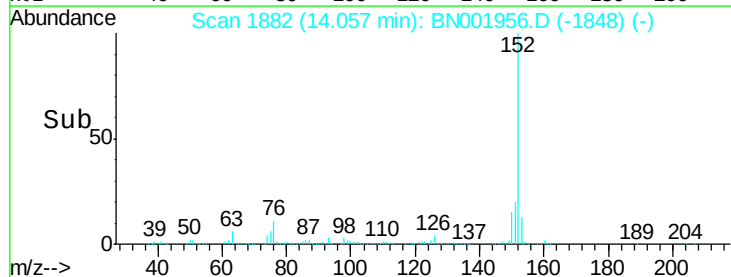
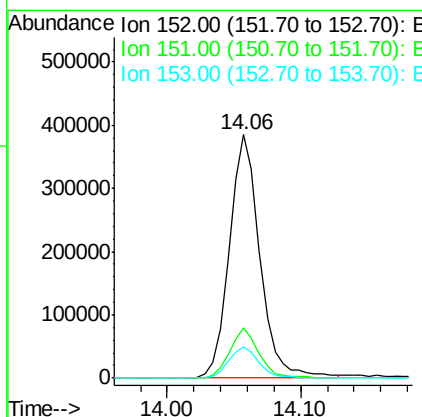
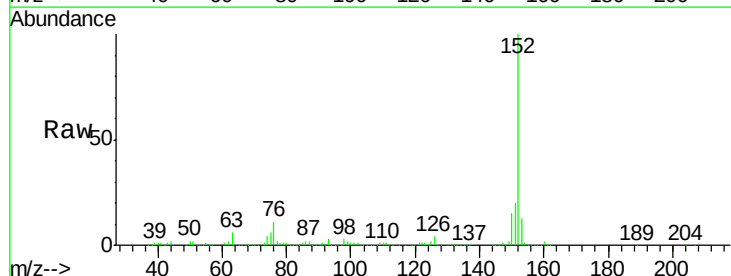
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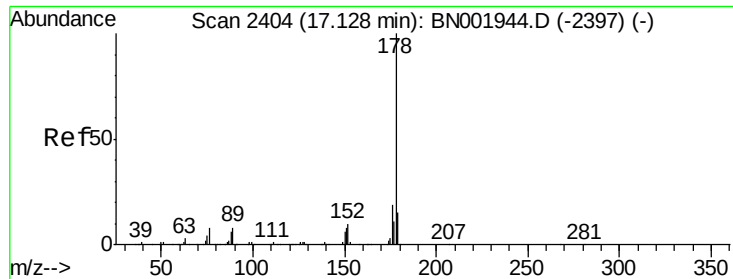
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#47
Acenaphthylene
Concen: 3.543 ng/ul
RT: 14.06 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BN001956.D
Acq: 03 Jul 2018 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	608608		
151	20.5	16.1	24.1	
153	13.0	10.8	16.2	





#69

Phenanthrene

Concen: 2.374 ng/ul

RT: 17.13 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BN001956.D

Acq: 03 Jul 2018 22:35

Instrument :

BNA_N

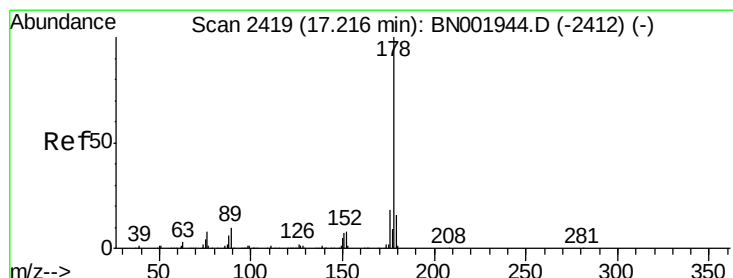
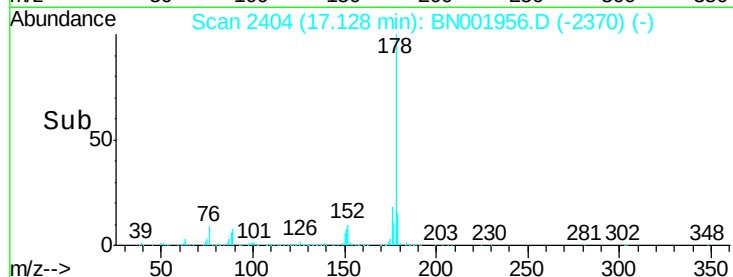
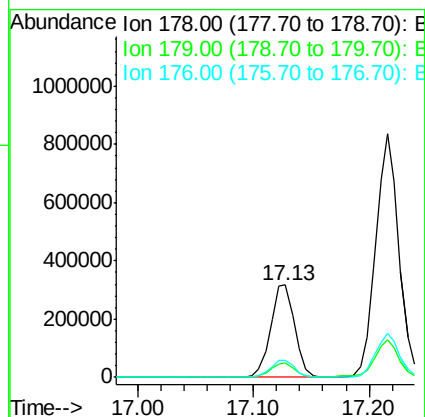
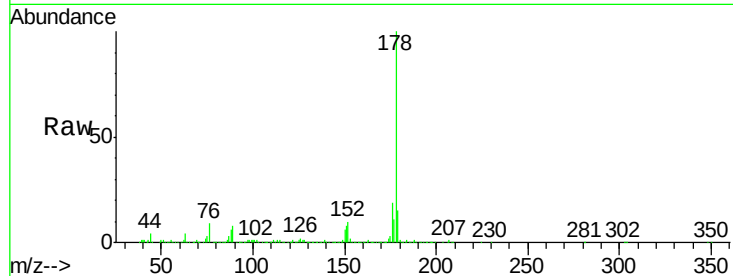
ClientSampleId :

F1H13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.5	15.4	23.0

Manual Integrations
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#71

Anthracene

Concen: 5.881 ng/ul

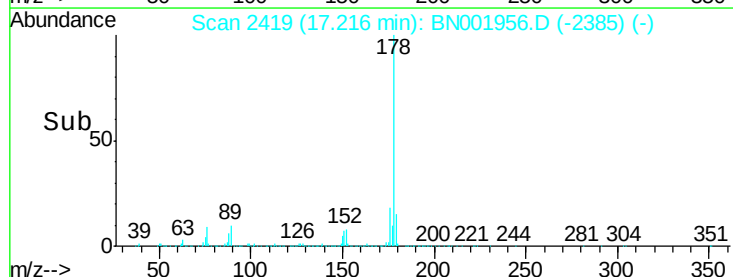
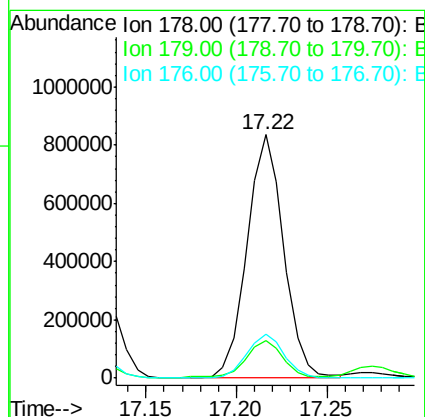
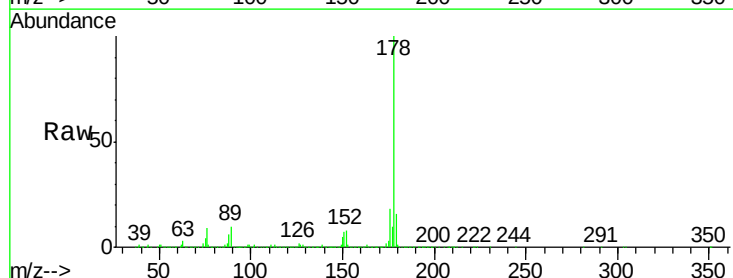
RT: 17.22 min Scan# 2419

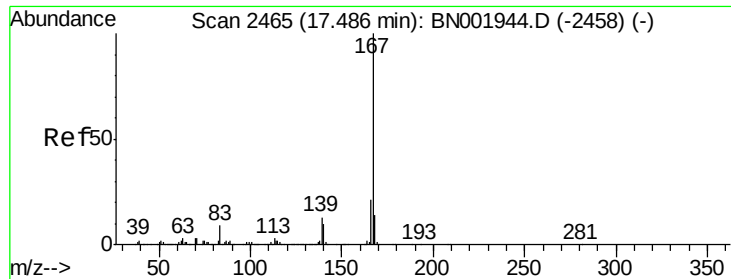
Delta R.T. 0.00 min

Lab File: BN001956.D

Acq: 03 Jul 2018 22:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.4	20.2
176	18.1	15.4	23.0





#72

Carbazole

Concen: 3.645 ng/ul

RT: 17.49 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BN001956.D

Acq: 03 Jul 2018 22:35

Instrument :

BNA_N

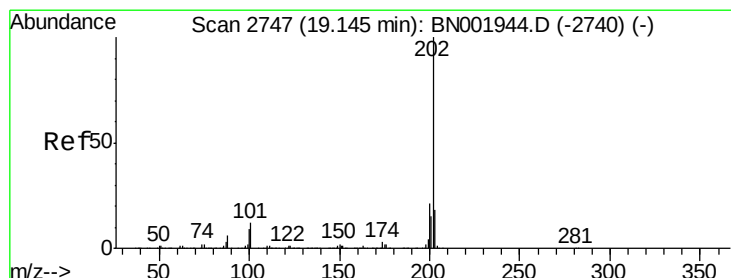
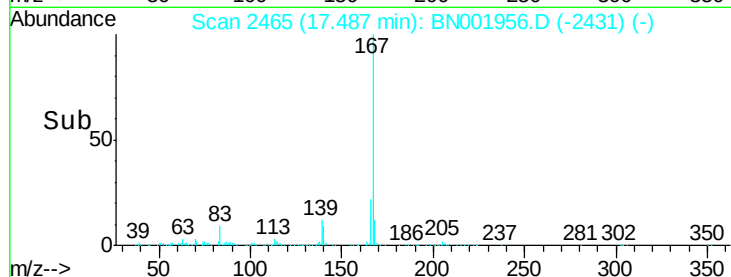
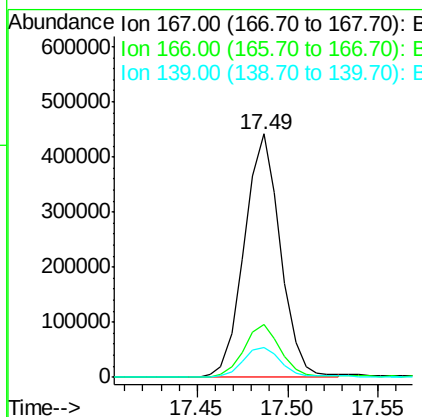
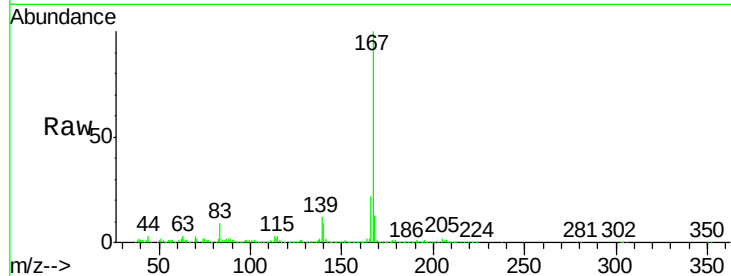
ClientSampleId :

F1H13

Tgt Ion:	167	Resp:	606501
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.0	25.4
139	12.4	9.1	13.7

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#74

Fluoranthene

Concen: 30.604 ng/ul

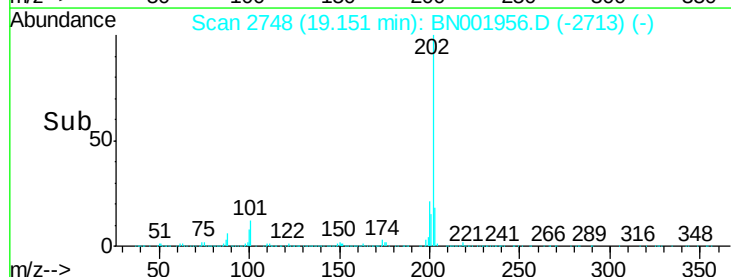
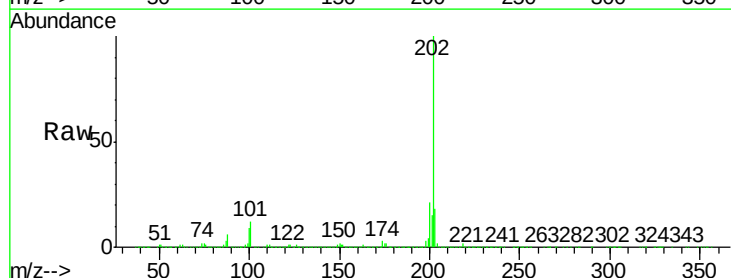
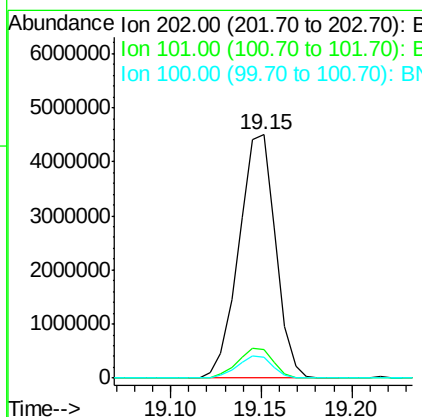
RT: 19.15 min Scan# 2748

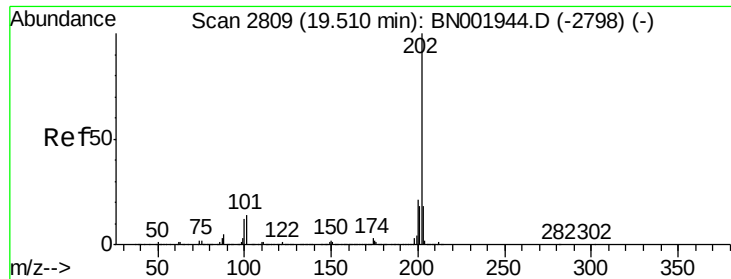
Delta R.T. 0.01 min

Lab File: BN001956.D

Acq: 03 Jul 2018 22:35

Tgt Ion:	202	Resp:	6313417
Ion Ratio	Lower	Upper	
202	100		
101	11.7	6.1	9.1#
100	8.5	4.6	7.0#





#77

Pyrene

Concen: 51.204 ng/ul

RT: 19.52 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BN001956.D

Acq: 03 Jul 2018 22:35

Instrument :

BNA_N

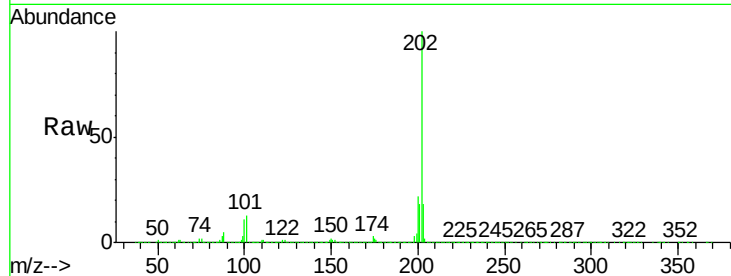
ClientSampleId :

F1H13

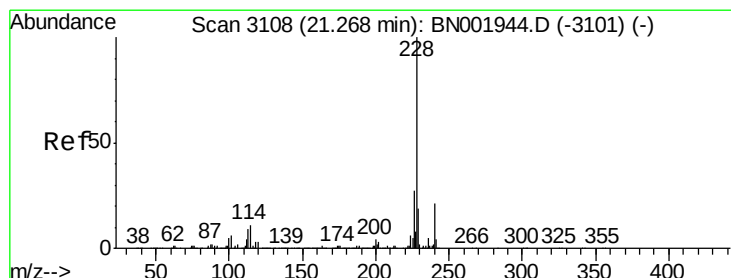
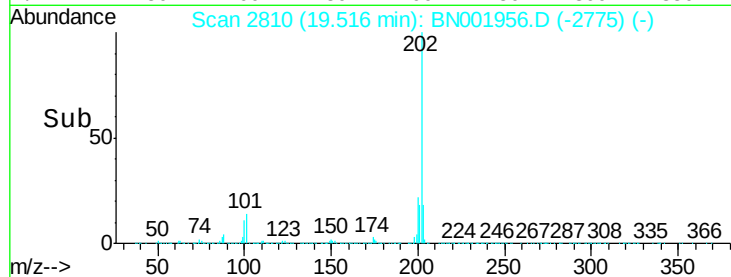
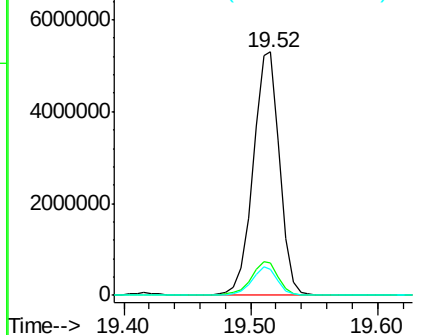
Tgt Ion:	202	Resp:	7672977
Ion Ratio	Lower	Upper	
202	100		
101	13.5	6.9	10.3#
100	10.9	5.6	8.4#

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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: 21.835 ng/ul

RT: 21.27 min Scan# 3108

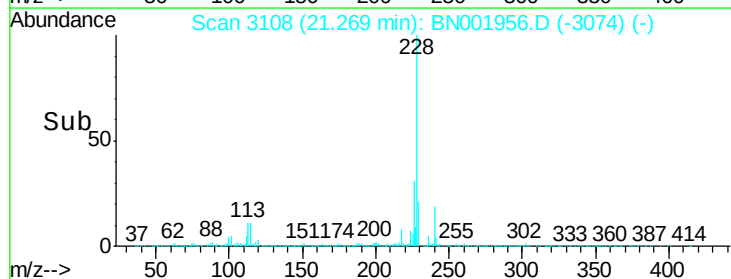
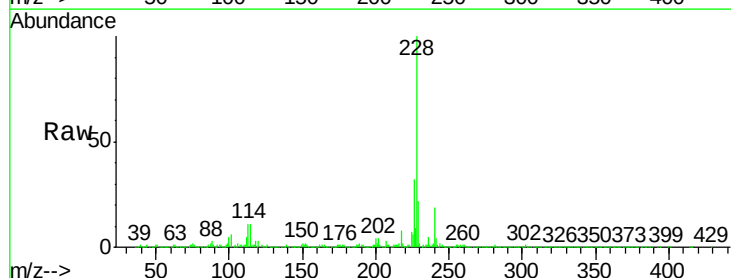
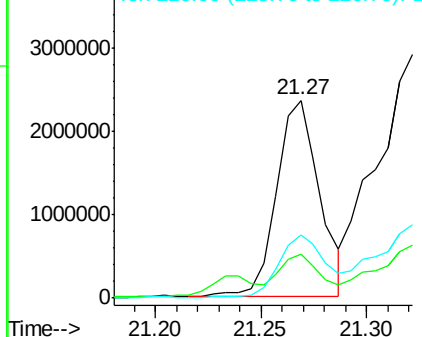
Delta R.T. 0.00 min

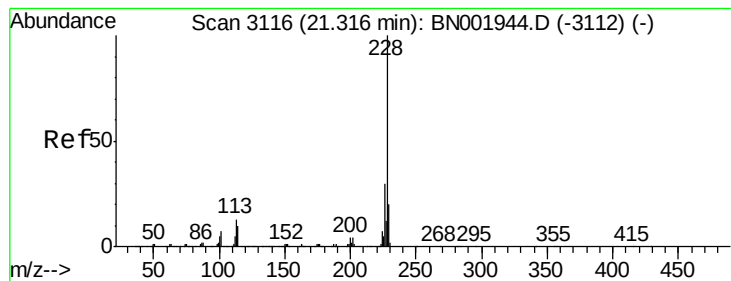
Lab File: BN001956.D

Acq: 03 Jul 2018 22:35

Tgt Ion:	228	Resp:	3304424
Ion Ratio	Lower	Upper	
228	100		
229	22.0	16.0	24.0
226	31.9	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





#82

Chrysene

Concen: 35.719 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. 0.01 min

Lab File: BN001956.D

Acq: 03 Jul 2018 22:35

Instrument :

BNA_N

ClientSampled :

F1H13

Tgt Ion: 228 Resp: 5029566

Ion Ratio Lower Upper

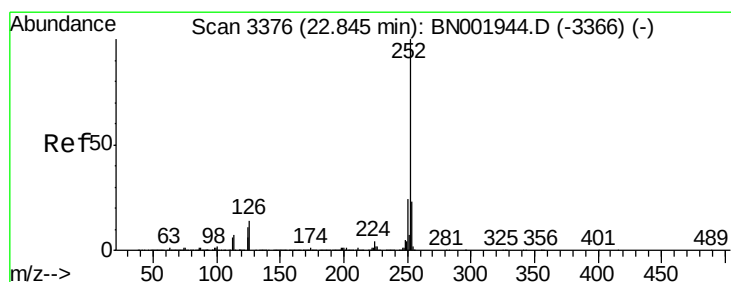
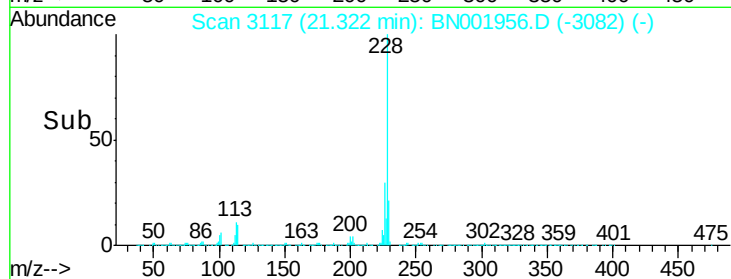
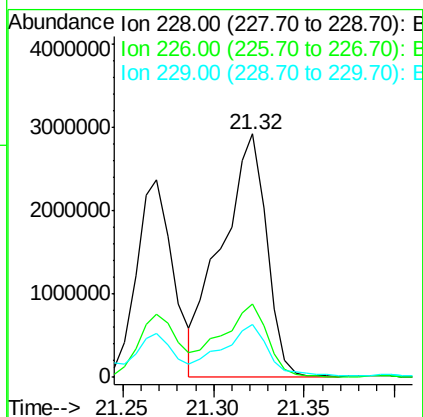
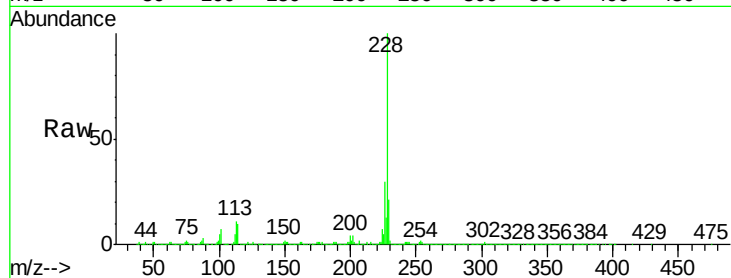
228 100

226 30.2 24.1 36.1

229 21.5 16.0 24.0

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#85

Benzo(b)fluoranthene

Concen: 60.371 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. 0.01 min

Lab File: BN001956.D

Acq: 03 Jul 2018 22:35

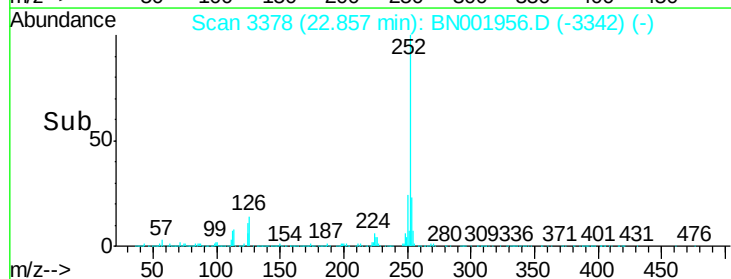
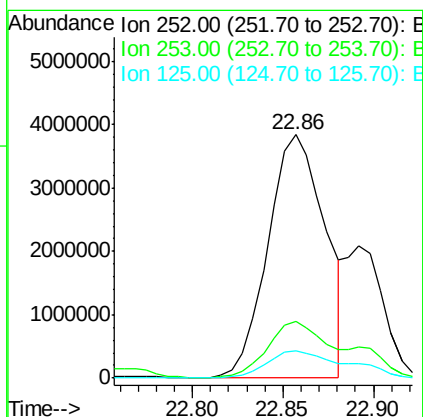
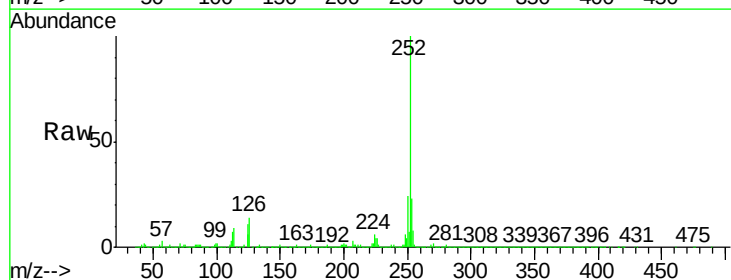
Tgt Ion: 252 Resp: 8420161

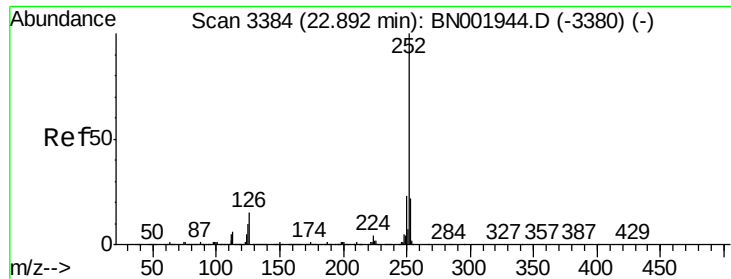
Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.0

125 11.3 4.9 7.3#





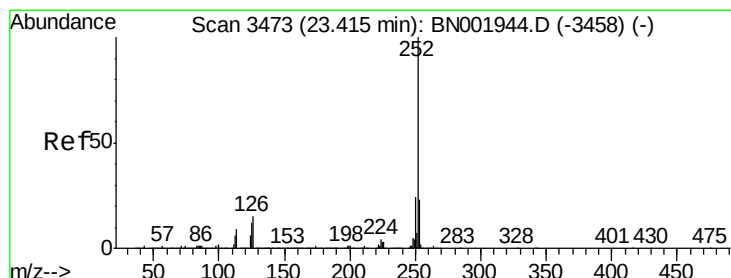
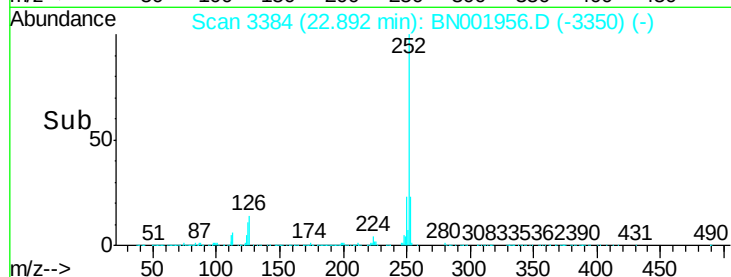
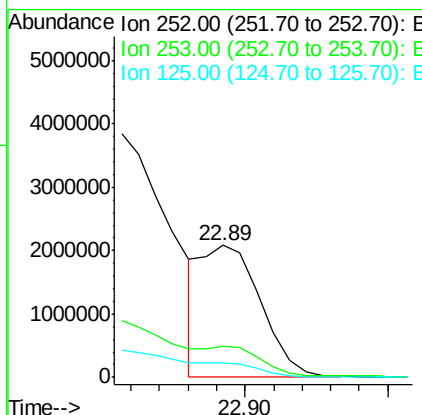
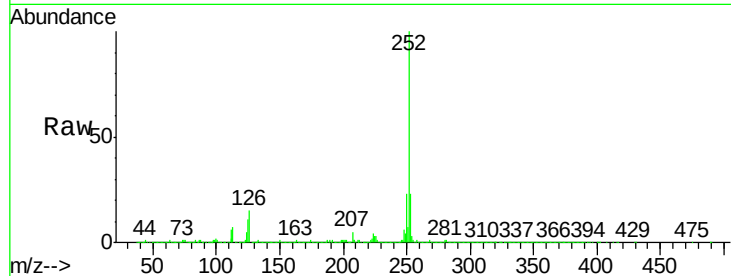
#86
Benzo(k)fluoranthene
Concen: 21.995 ng/ul m
RT: 22.89 min Scan# 3384
Delta R.T. 0.00 min
Lab File: BN001956.D
Acq: 03 Jul 2018 22:35

Instrument :
BNA_N
ClientSampled :
F1H13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	10.9	5.4	8.0

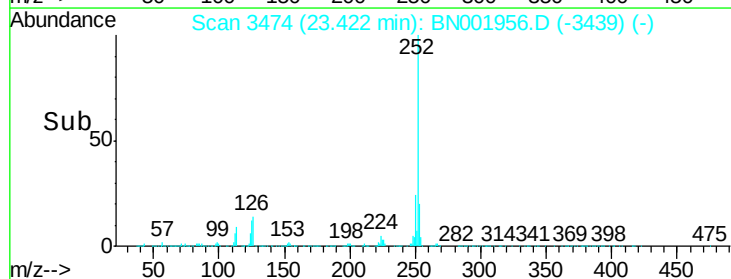
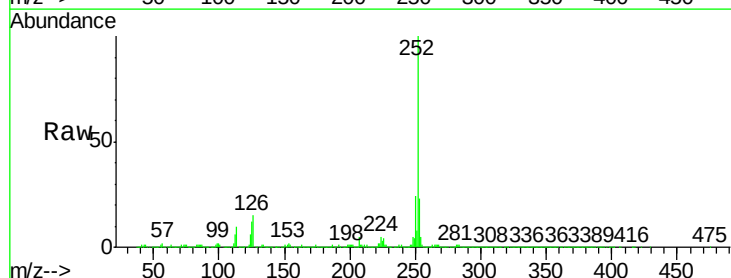
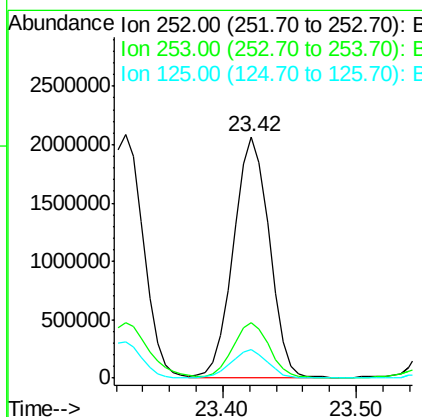
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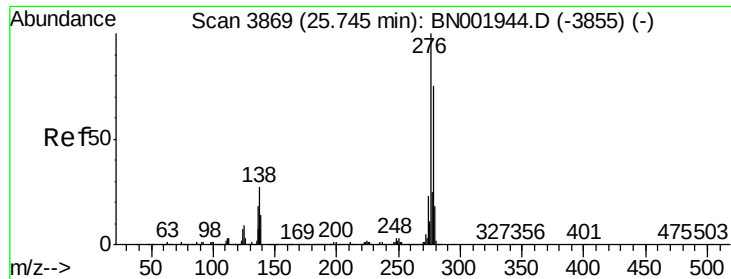
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#88
Benzo(a)pyrene
Concen: 29.153 ng/ul
RT: 23.42 min Scan# 3474
Delta R.T. 0.01 min
Lab File: BN001956.D
Acq: 03 Jul 2018 22:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	11.7	5.8	8.6





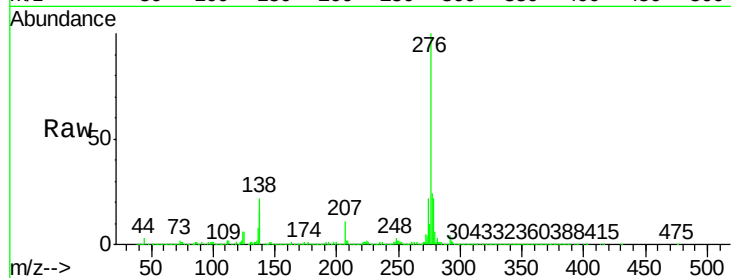
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 21.032 ng/ul
 RT: 25.75 min Scan# 3870
 Delta R.T. 0.01 min
 Lab File: BN001956.D
 Acq: 03 Jul 2018 22:35

Instrument :
 BNA_N
 ClientSampled :
 F1H13

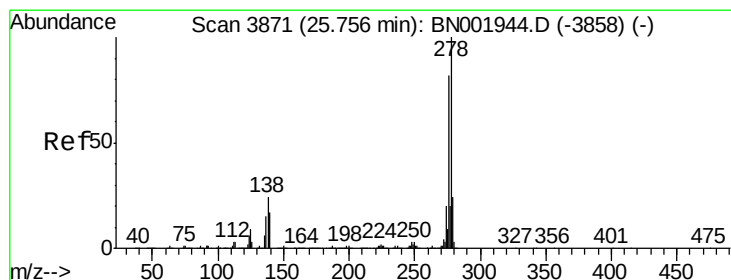
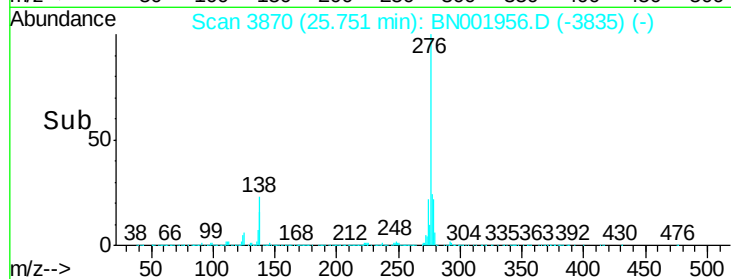
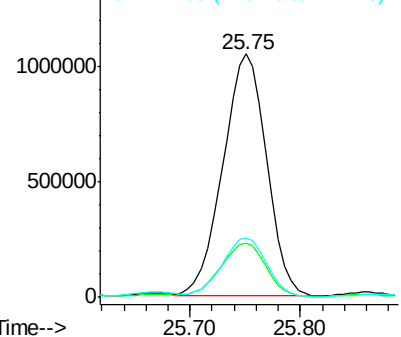
Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	10.9	16.3#
277	24.4	18.9	28.3

Manual Integrations
 APPROVED

Sohil
 7/5/2018 4:31:20 PM



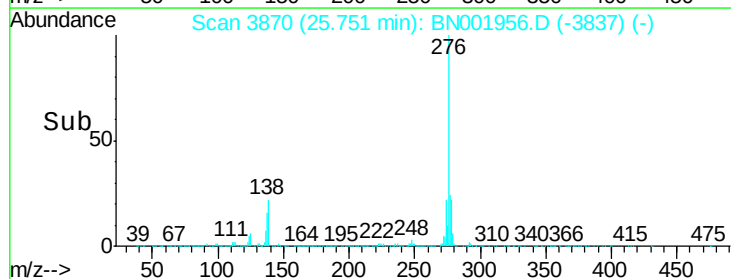
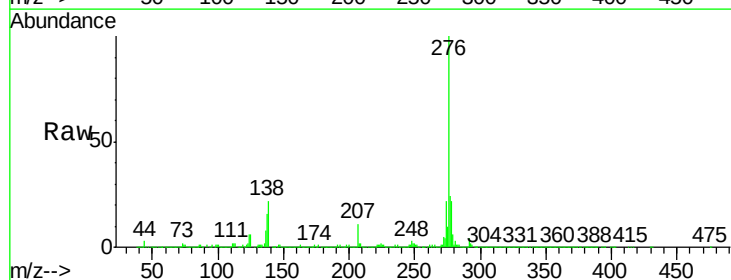
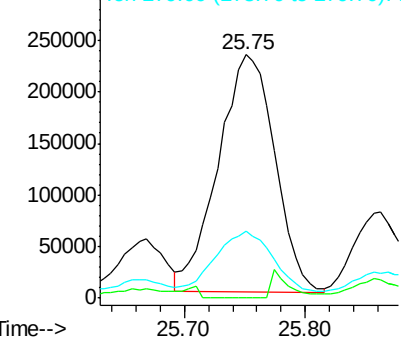
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

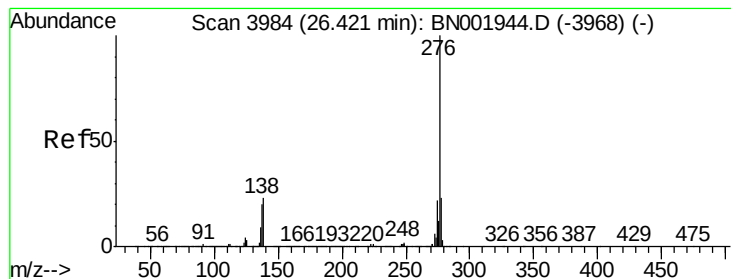


#90
 Dibenzo(a,h)anthracene
 Concen: 6.522 ng/ul
 RT: 25.75 min Scan# 3870
 Delta R.T. -0.01 min
 Lab File: BN001956.D
 Acq: 03 Jul 2018 22:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.0	13.4#
279	27.4	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: 18.265 ng/ul

RT: 26.43 min Scan# 3986

Delta R.T. 0.01 min

Lab File: BN001956.D

Acq: 03 Jul 2018 22:35

Instrument :

BNA_N

ClientSampleId :

F1H13

Tgt Ion: 276 Resp: 2089561

Ion Ratio Lower Upper

276 100

138 22.6 11.2 16.8#

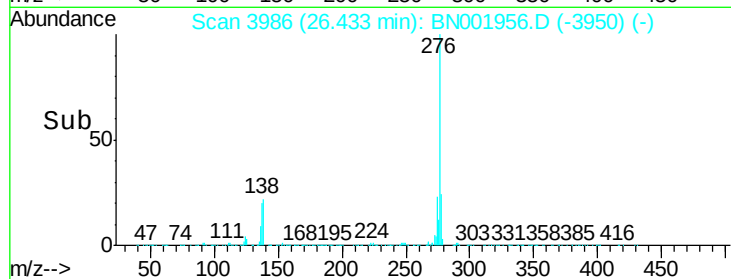
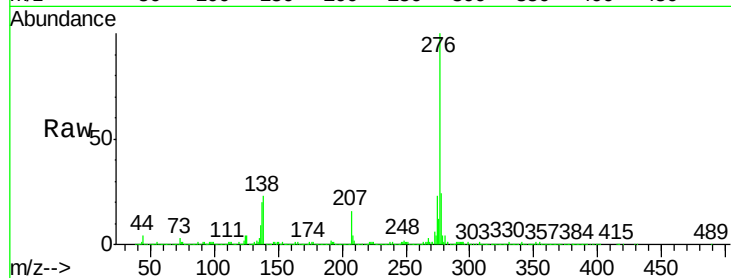
277 24.2 19.0 28.6

Manual Integrations

APPROVED

Sohil

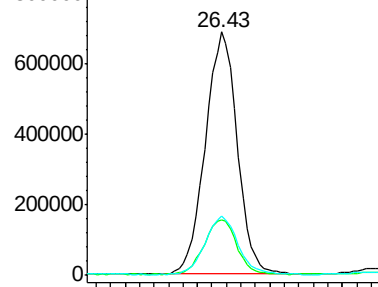
7/5/2018 4:31:20 PM



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



Time-->