

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
 Data File : BN001988.D
 Acq On : 06 Jul 2018 14:04
 Operator : JU/SJ
 Sample : J3765-04 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H06

Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:09:21 PM

Quant Time: Jul 07 01:34:49 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	608876	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2778525	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1583739	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3351890	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2339209	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2164809	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	9489	0.68	ng/uL	0.00
5) Phenol-d5	6.89	99	215908	3.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	147599	4.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	183485	4.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	160710	3.64	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	93242	4.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	98919	4.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	182051	3.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	87230	1.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	584417	4.37	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	730321	4.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	40546	1.65	ng/ul	0.00
57) Fluorene-d10	15.33	176	518472	4.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	54062	2.96	ng/ul	0.00
70) Anthracene-d10	17.18	188	749169	4.63	ng/ul	0.00
76) Pyrene-d10	19.48	212	711832	6.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	520500	4.42	ng/ul	0.01

Target Compounds

					Ovalue	
28) Naphthalene	10.53	128	520900	3.533	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	222716	2.082	ng/ul	95
44) Dimethylphthalate	13.80	163	219019	1.666	ng/ul	100
47) Acenaphthylene	14.06	152	930523	5.839	ng/ul	99
49) Acenaphthene	14.40	153	113699	1.028	ng/ul	99
53) Dibenzofuran	14.74	168	427550	2.696	ng/ul	94
58) Fluorene	15.39	166	257190	2.033	ng/ul	98
69) Phenanthrene	17.13	178	2511256	13.300	ng/ul	100
71) Anthracene	17.22	178	8059959	42.170	ng/ul	99
72) Carbazole	17.49	167	4364893	27.263	ng/ul	98
74) Fluoranthene	19.15	202	11373943	57.306	ng/ul#	86
77) Pyrene	19.52	202	11280293	77.058	ng/ul#	83
80) Benzo(a)anthracene	21.27	228	5809766	39.298	ng/ul	95
82) Chrysene	21.32	228	7420282	53.944	ng/ul	97
85) Benzo(b)fluoranthene	22.86	252	10097603	73.852	ng/ul#	94
86) Benzo(k)fluoranthene	22.90	252	3134957m	23.645	ng/ul	
88) Benzo(a)pyrene	23.43	252	4012294	31.402	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.76	276	3167196	23.296	ng/ul#	90
90) Dibenzo(a,h)anthracene	25.76	278	852212	7.532	ng/ul#	87
91) Benzo(g,h,i)perylene	26.44	276	2172841	19.374	ng/ul#	91

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

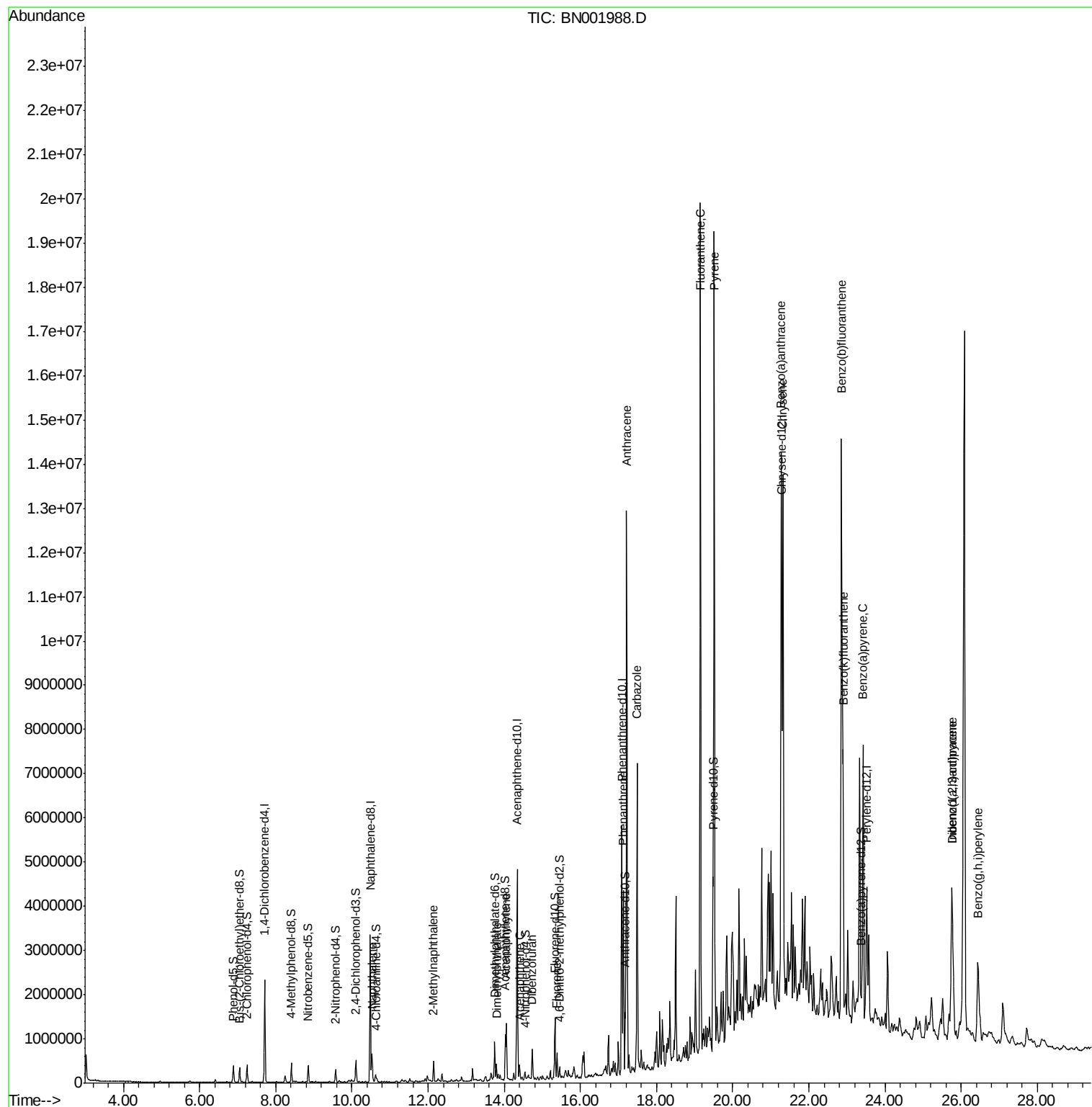
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070618\
Data File : BN001988.D
Acq On : 06 Jul 2018 14:04
Operator : JU/SJ
Sample : J3765-04 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

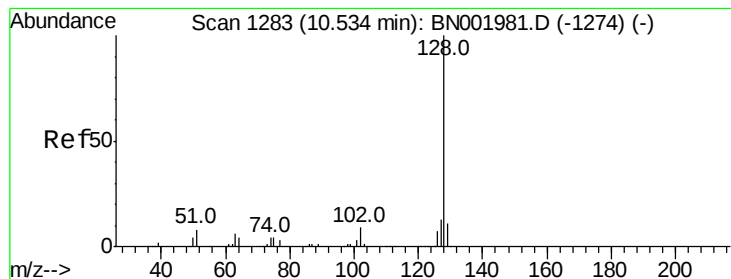
Instrument :
BNA_N
ClientSampleId :
F1H06

Manual Integrations
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Quant Time: Jul 07 01:34:49 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





#28

Naphthalene

Concen: 3.533 ng/ul

RT: 10.53 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BN001988.D

Acq: 06 Jul 2018 14:04

Instrument :

BNA_N

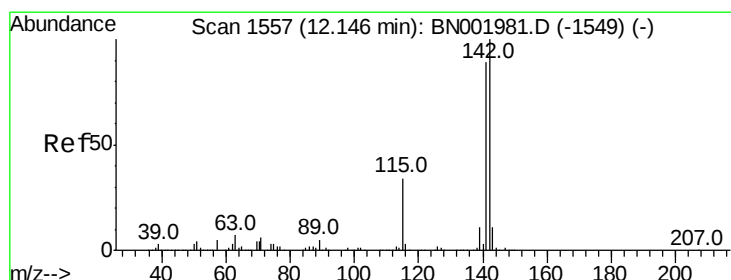
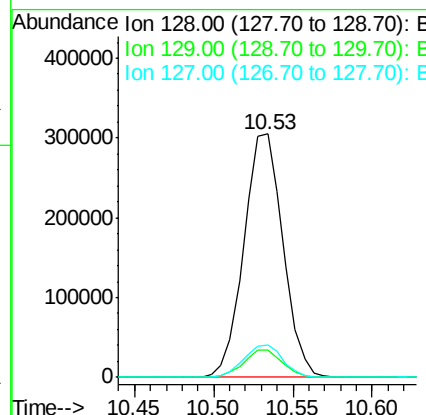
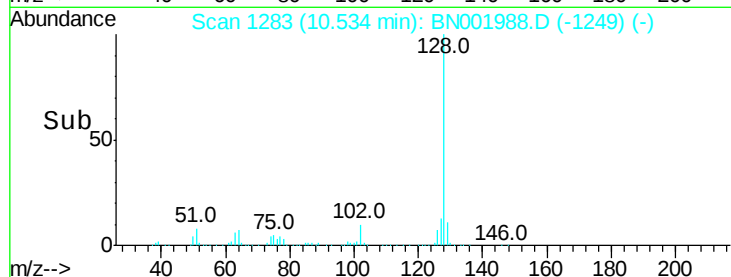
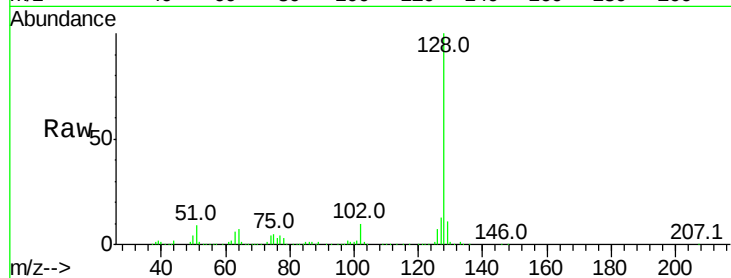
ClientSampleId :

F1H06

Tot Ion:	128	Resp:	520900
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.3	12.5
127	13.2	10.8	16.2

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#34

2-Methylnaphthalene

Concen: 2.082 ng/ul

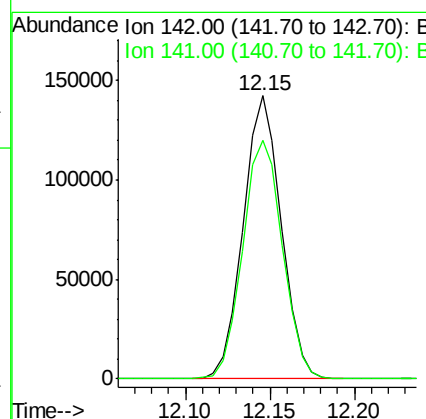
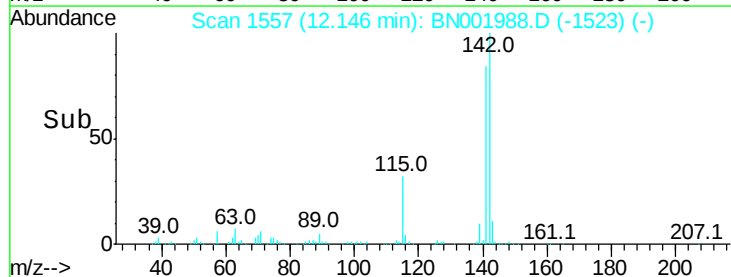
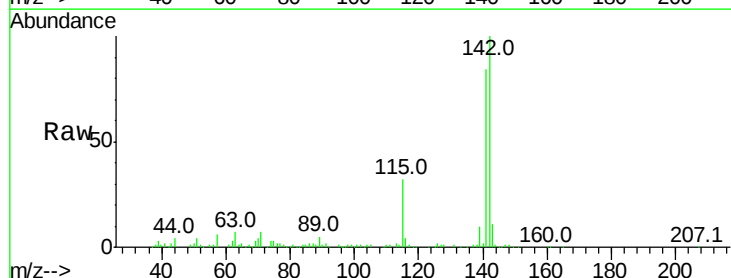
RT: 12.15 min Scan# 1557

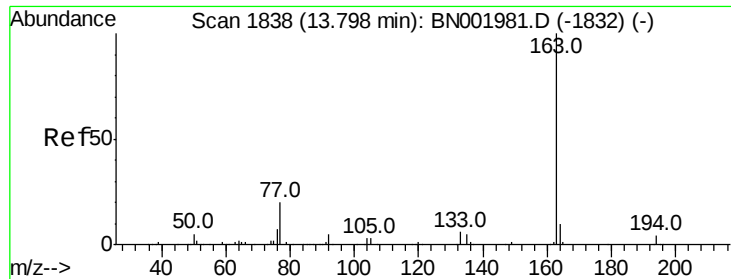
Delta R.T. 0.00 min

Lab File: BN001988.D

Acq: 06 Jul 2018 14:04

Tgt Ion:	142	Resp:	222716
Ion	Ratio	Lower	Upper
142	100		
141	84.2	71.4	107.2





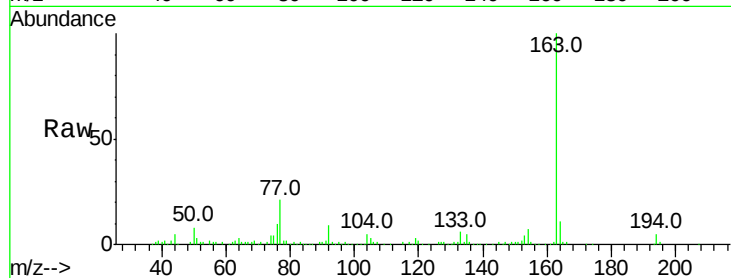
#44
Dimethylphthalate
Concen: 1.666 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Instrument :
BNA_N
ClientSampleId :
F1H06

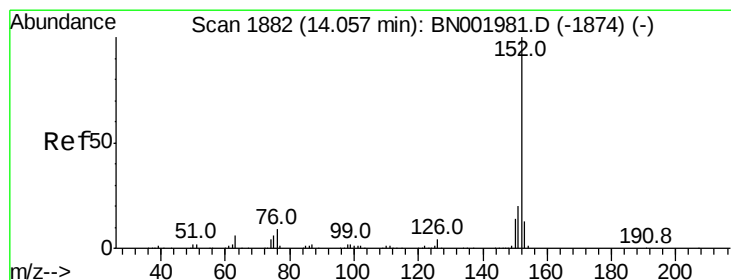
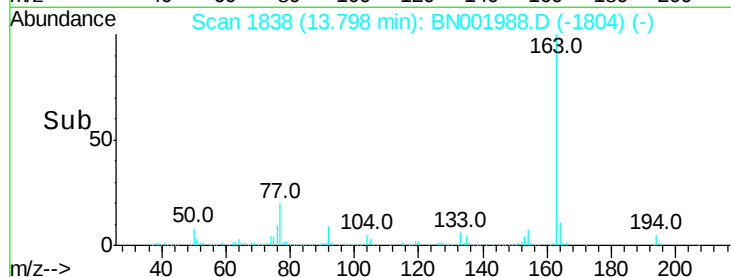
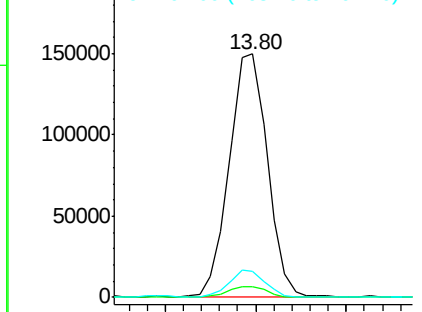
Tot Ion:	163	Resp:	219019
Ion Ratio	Lower	Upper	
163	100		
194	4.6	4.0	6.0
164	10.5	8.4	12.6

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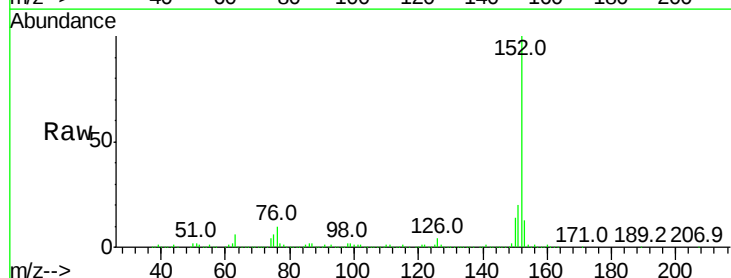


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

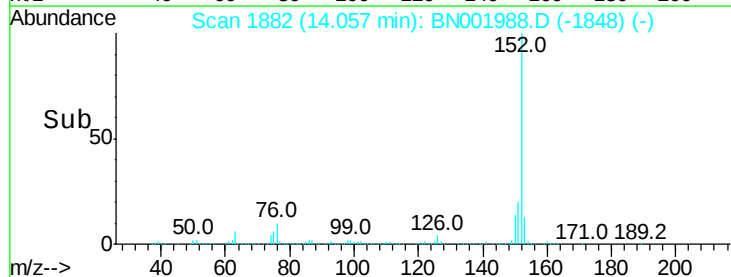
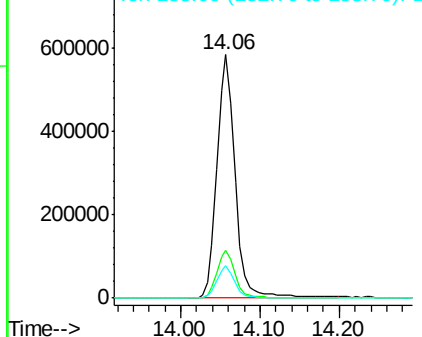


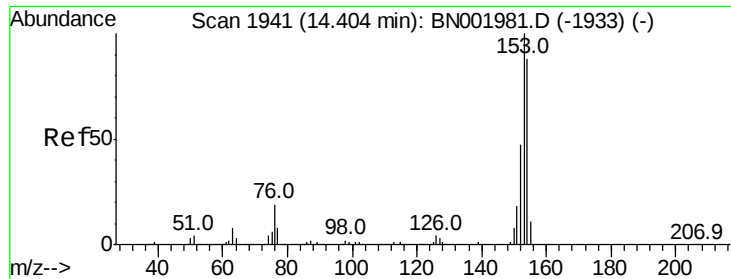
#47
Acenaphthylene
Concen: 5.839 ng/ul
RT: 14.06 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Tgt Ion:	152	Resp:	930523
Ion Ratio	Lower	Upper	
152	100		
151	19.5	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





#49

Acenaphthene

Concen: 1.028 ng/ul

RT: 14.40 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BN001988.D

Acq: 06 Jul 2018 14:04

Instrument :

BNA_N

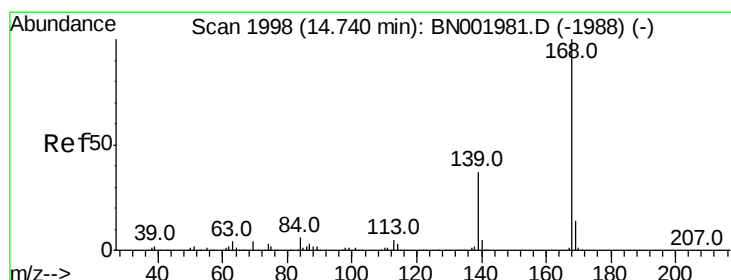
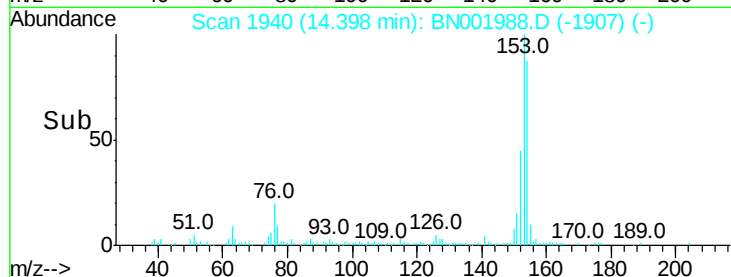
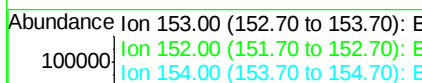
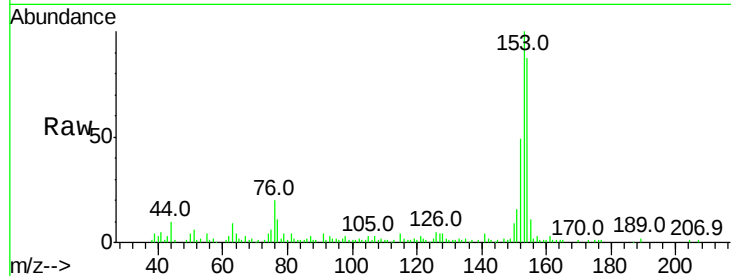
ClientSampled :

F1H06

Tot Ion:	153	Resp:	113699
Ion Ratio	Lower	Upper	
153	100		
152	48.7	37.9	56.9
154	86.8	69.8	104.6

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#53

Dibenzofuran

Concen: 2.696 ng/ul

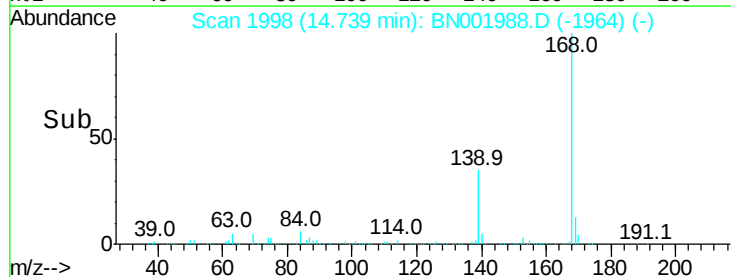
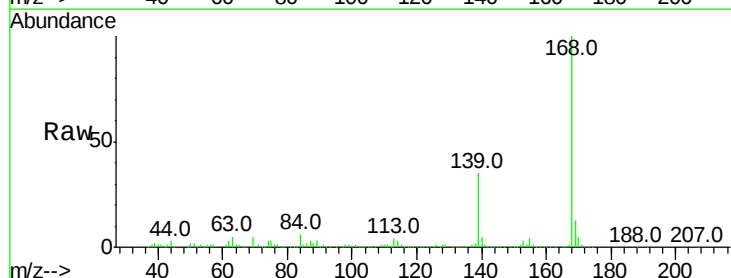
RT: 14.74 min Scan# 1998

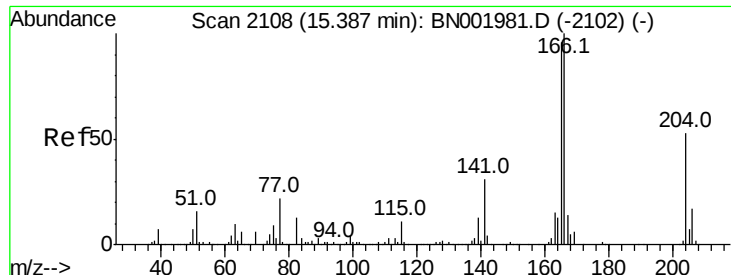
Delta R.T. 0.00 min

Lab File: BN001988.D

Acq: 06 Jul 2018 14:04

Tgt Ion:	168	Resp:	427550
Ion Ratio	Lower	Upper	
168	100		
139	34.8	31.0	46.4





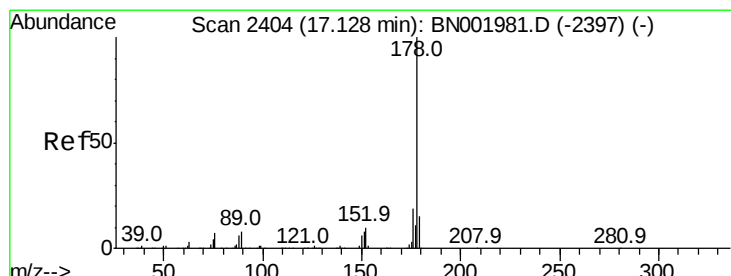
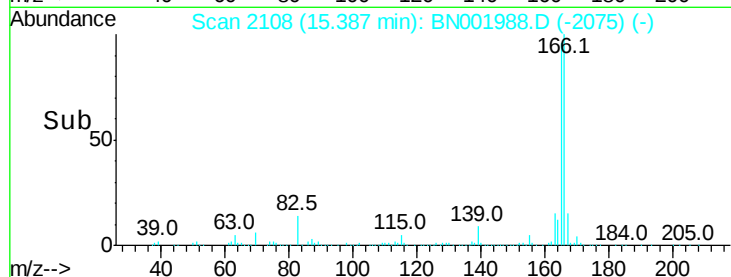
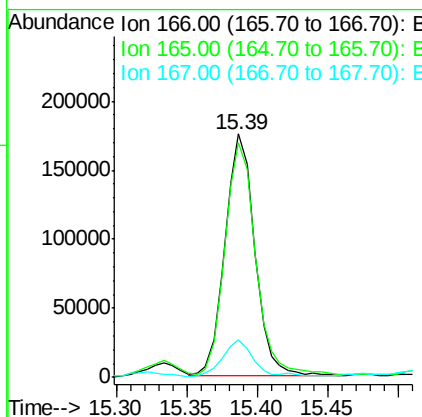
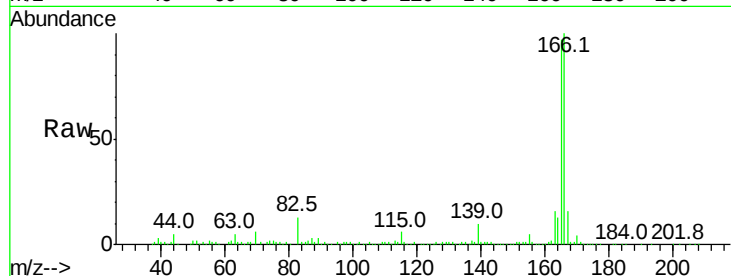
#58
Fluorene
 Concen: 2.033 ng/ul
 RT: 15.39 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BN001988.D
 Acq: 06 Jul 2018 14:04

Instrument :
 BNA_N
 ClientSampleId :
 F1H06

Tot Ion	Ratio	Resp	Lower	Upper
166	100	257190		
165	96.6	78.4	117.6	
167	15.5	11.1	16.7	

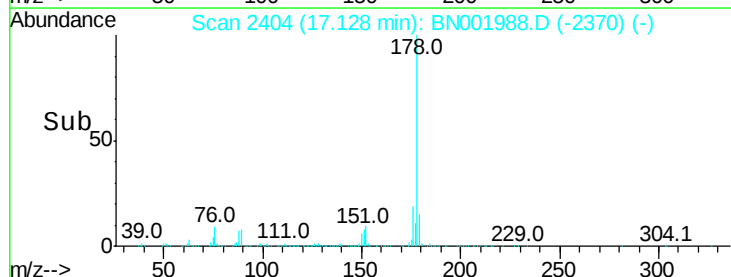
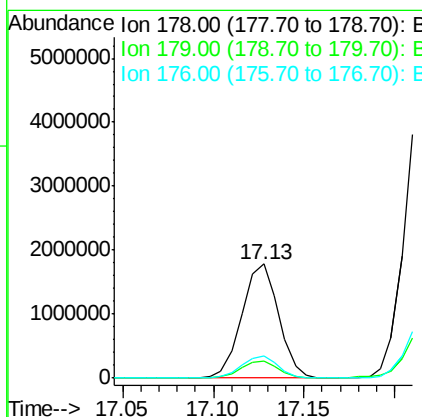
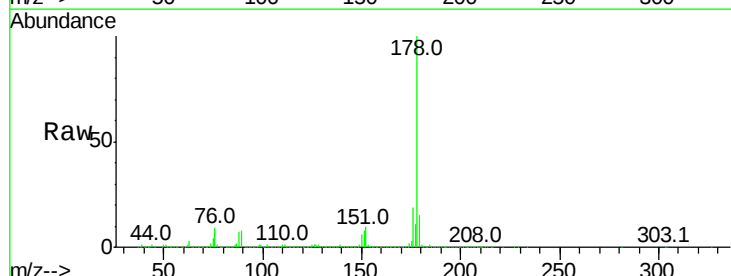
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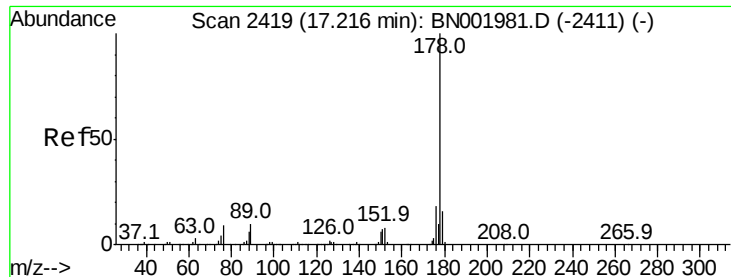
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#69
Phenanthrene
 Concen: 13.300 ng/ul
 RT: 17.13 min Scan# 2404
 Delta R.T. 0.00 min
 Lab File: BN001988.D
 Acq: 06 Jul 2018 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2511256		
179	15.4	12.3	18.5	
176	19.0	15.4	23.0	





#71
 Anthracene
 Concen: 42.170 ng/ul
 RT: 17.22 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: BN001988.D
 Acq: 06 Jul 2018 14:04

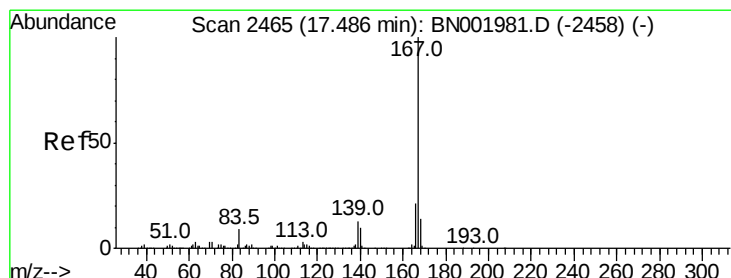
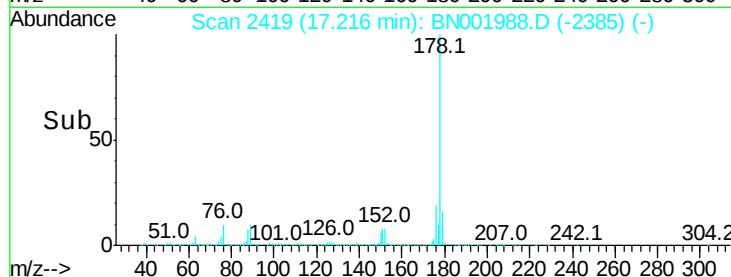
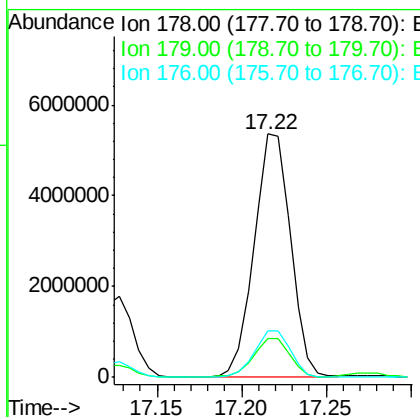
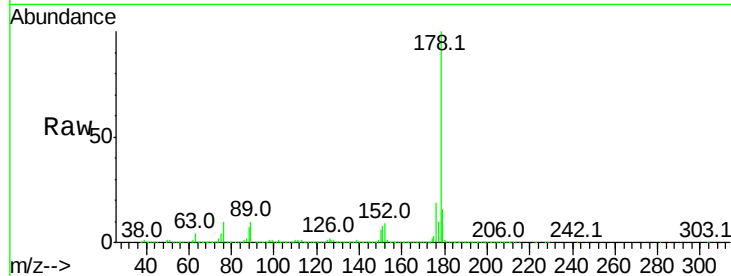
Instrument :
 BNA_N
 ClientSampleId :
 F1H06

Tot Ion:178 Resp: 8059959

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.4	20.2
176	19.2	15.4	23.0

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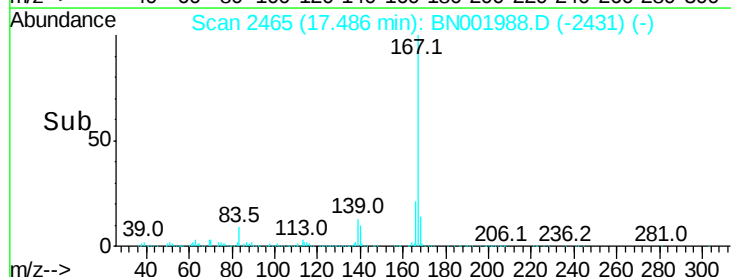
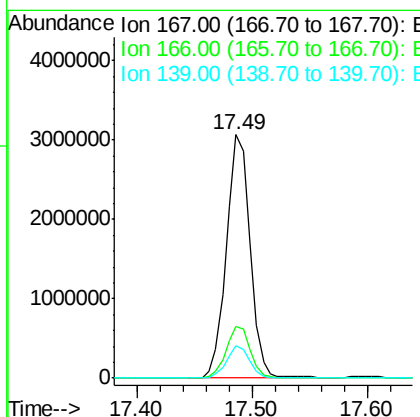
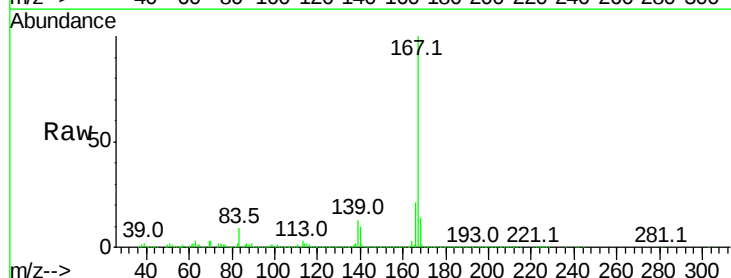
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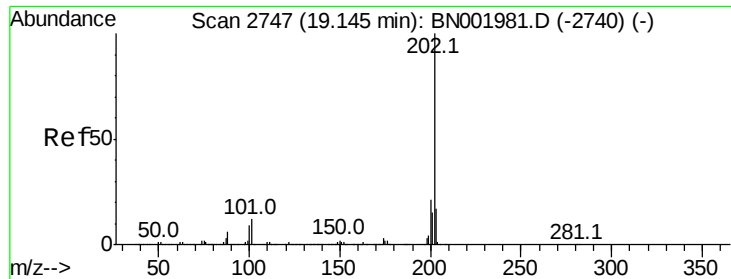


#72
 Carbazole
 Concen: 27.263 ng/ul
 RT: 17.49 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BN001988.D
 Acq: 06 Jul 2018 14:04

Tgt Ion:167 Resp: 4364893

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.4
139	13.1	9.1	13.7





#74
Fluoranthene
 Concen: 57.306 ng/ul
 RT: 19.15 min Scan# 2748
 Delta R.T. 0.01 min
 Lab File: BN001988.D
 Acq: 06 Jul 2018 14:04

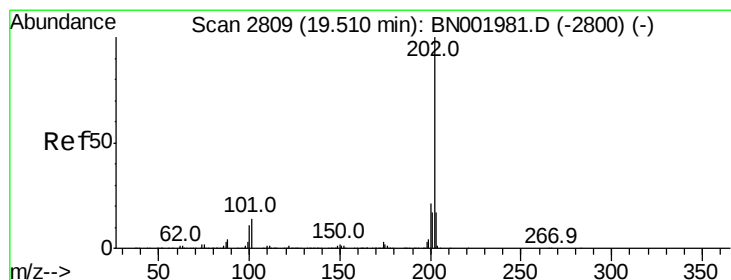
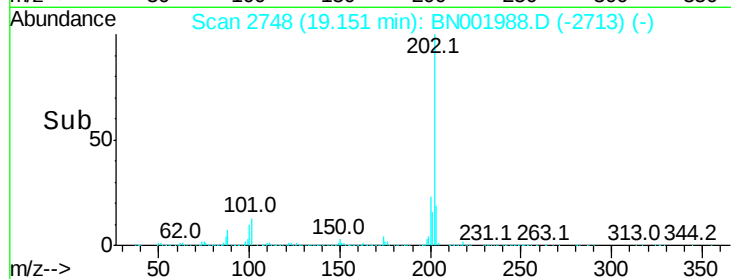
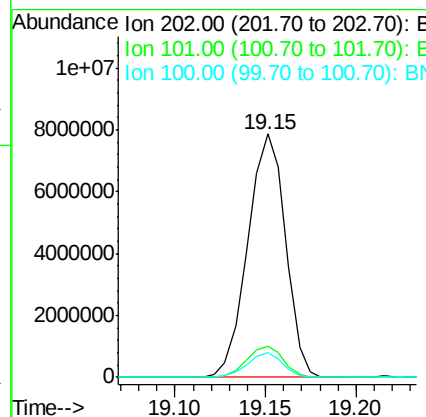
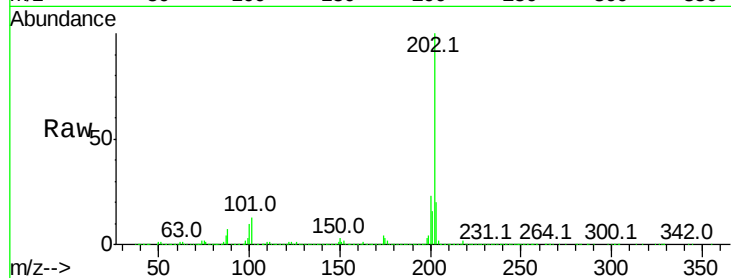
Instrument :
 BNA_N
 ClientSampled :
 F1H06

Tot Ion:202 Resp:11373943

Ion	Ratio	Lower	Upper
202	100		
101	13.1	6.1	9.1#
100	10.0	4.6	7.0#

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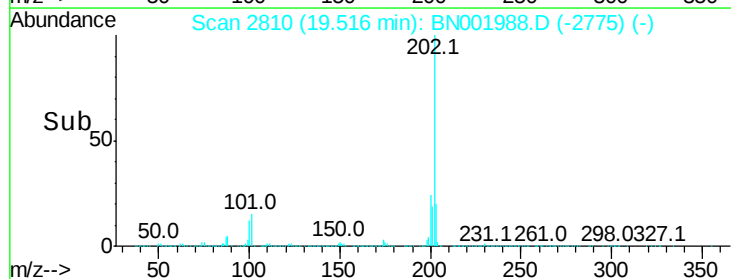
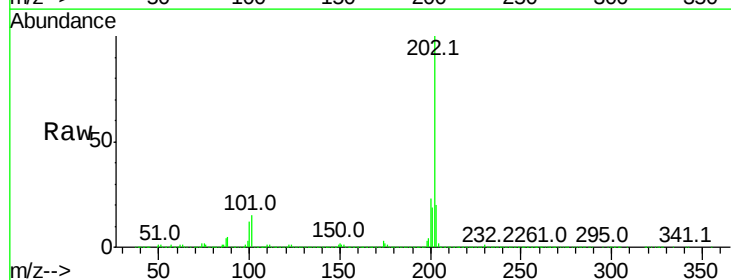
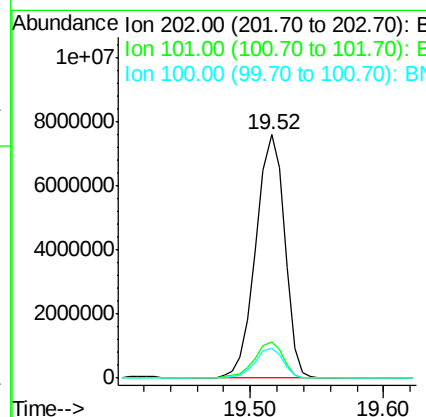
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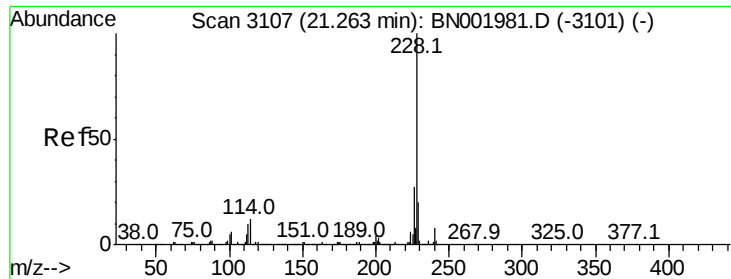


#77
Pyrene
 Concen: 77.058 ng/ul
 RT: 19.52 min Scan# 2810
 Delta R.T. 0.01 min
 Lab File: BN001988.D
 Acq: 06 Jul 2018 14:04

Tgt Ion:202 Resp:11280293

Ion	Ratio	Lower	Upper
202	100		
101	15.0	6.9	10.3#
100	12.4	5.6	8.4#





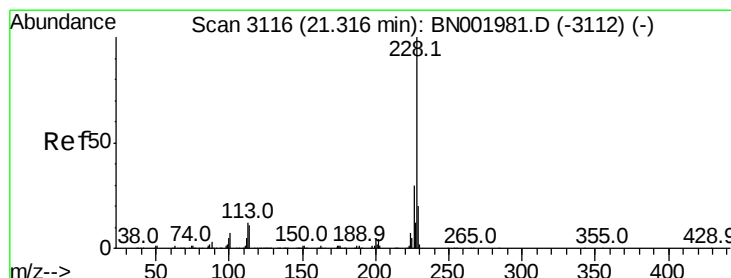
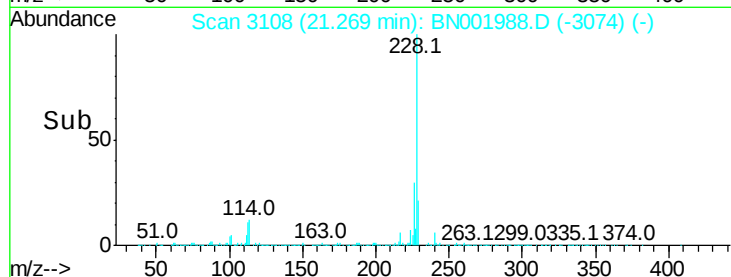
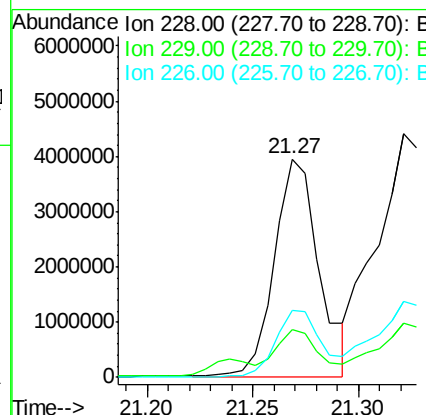
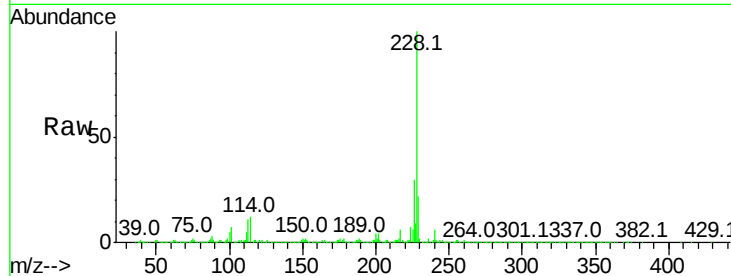
#80
Benzo(a)anthracene
Concen: 39.298 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Instrument :
BNA_N
ClientSampled :
F1H06

Tot Ion:228 Resp: 5809766
Ion Ratio Lower Upper
228 100
229 22.0 16.0 24.0
226 30.5 21.8 32.8

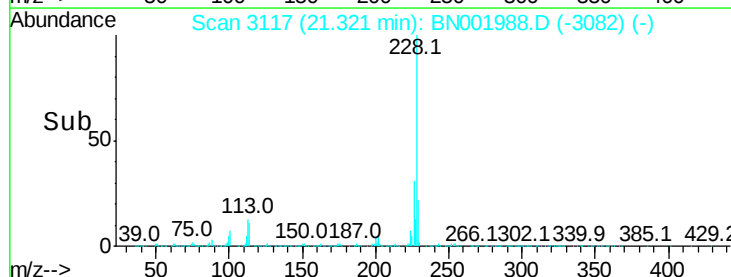
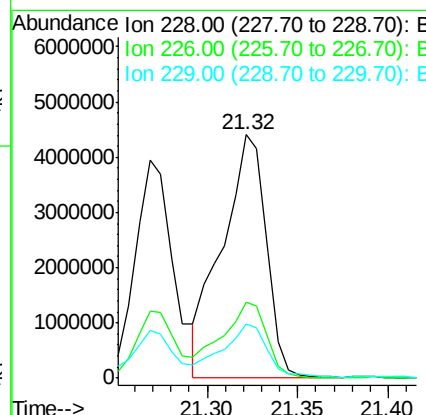
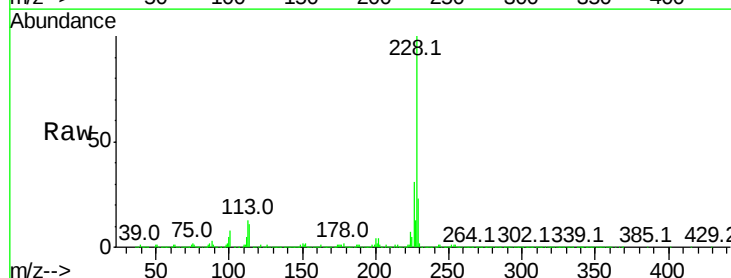
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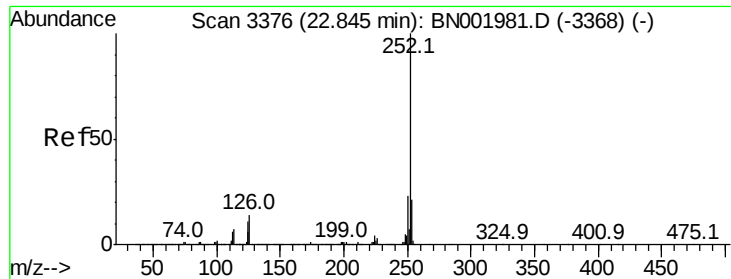
Sohil
7/9/2018 2:09:21 PM



#82
Chrysene
Concen: 53.944 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Tgt Ion:228 Resp: 7420282
Ion Ratio Lower Upper
228 100
226 31.0 24.1 36.1
229 22.5 16.0 24.0





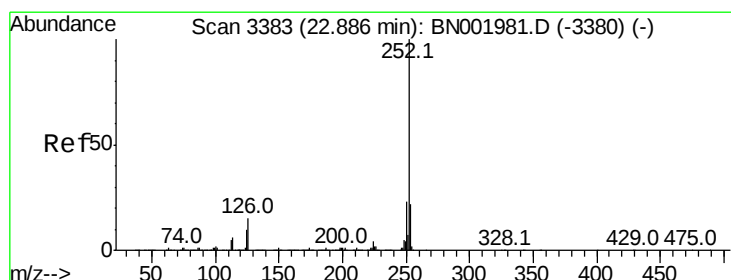
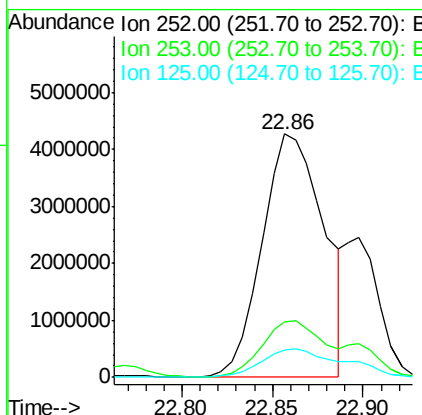
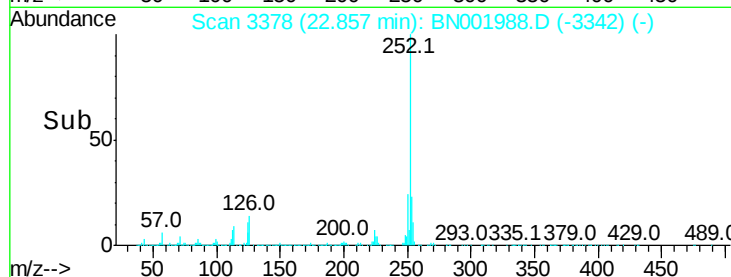
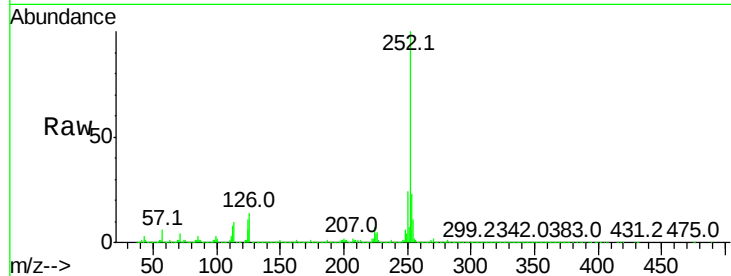
#85
Benzo(b)fluoranthene
Concen: 73.852 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. 0.01 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Instrument :
BNA_N
ClientSampled :
F1H06

Tot Ion:252 Resp:10097603
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 11.5 4.9 7.3#

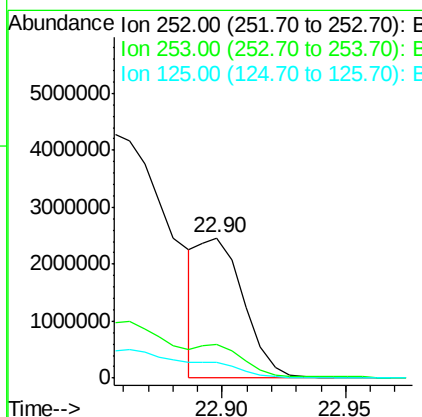
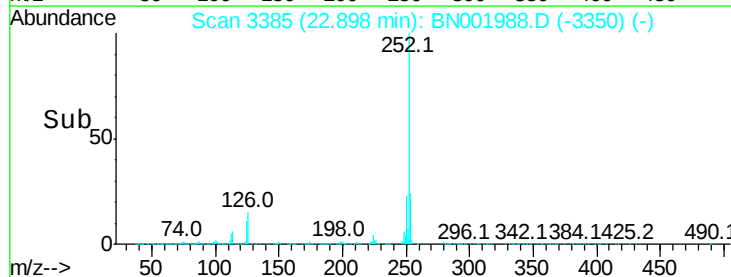
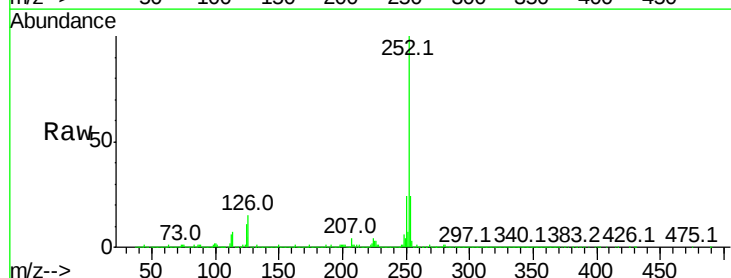
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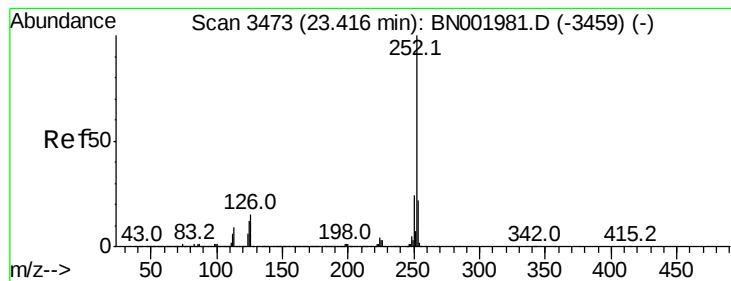
Sohil
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#86
Benzo(k)fluoranthene
Concen: 23.645 ng/ul m
RT: 22.90 min Scan# 3385
Delta R.T. 0.01 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Tgt Ion:252 Resp: 3134957
Ion Ratio Lower Upper
252 100
253 24.4 17.1 25.7
125 11.1 5.4 8.0#





#88

Benzo(a)pyrene

Concen: 31.402 ng/ul

RT: 23.43 min Scan# 3475

Delta R.T. 0.01 min

Lab File: BN001988.D

Acq: 06 Jul 2018 14:04

Instrument :

BNA_N

ClientSampleId :

F1H06

Tot Ion:252 Resp: 4012294

Ion Ratio Lower Upper

252 100

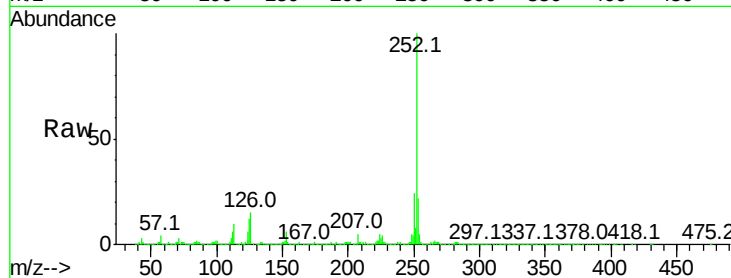
253 22.4 17.2 25.8

125 11.6 5.8 8.6#

Manual Integrations
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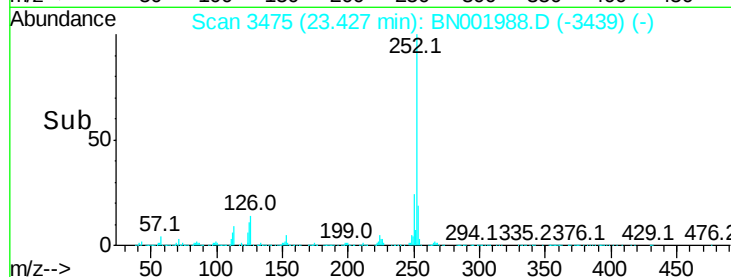


Abundance Ion 252.00 (251.70 to 252.70): E

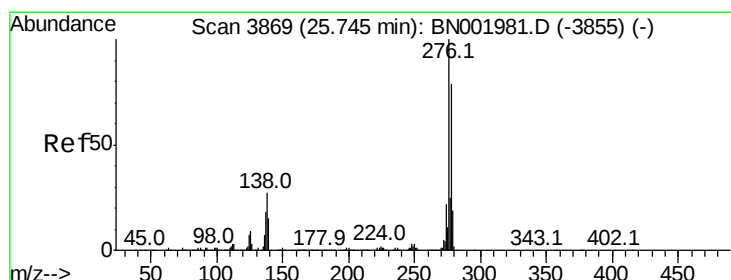
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

23.43



Time-->



#89

Indeno(1,2,3-cd)pyrene

Concen: 23.296 ng/ul

RT: 25.76 min Scan# 3871

Delta R.T. 0.01 min

Lab File: BN001988.D

Acq: 06 Jul 2018 14:04

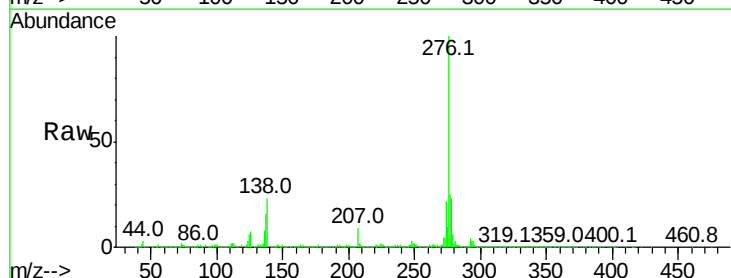
Tgt Ion:276 Resp: 3167196

Ion Ratio Lower Upper

276 100

138 22.6 10.9 16.3#

277 25.2 18.9 28.3

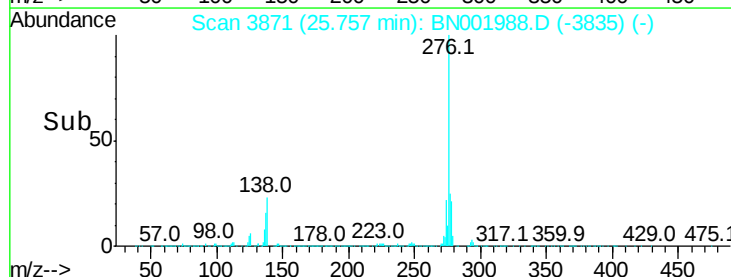


Abundance Ion 276.00 (275.70 to 276.70): E

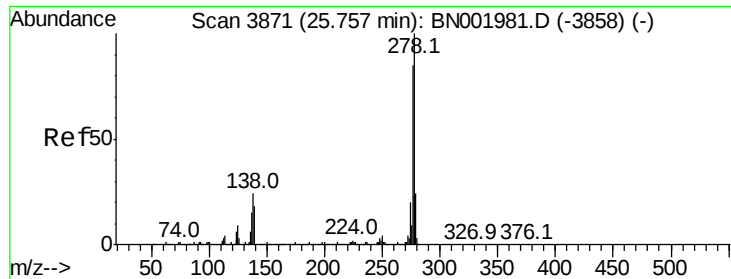
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

25.76



Time-->



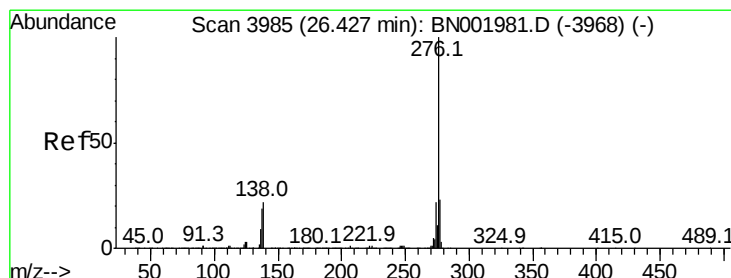
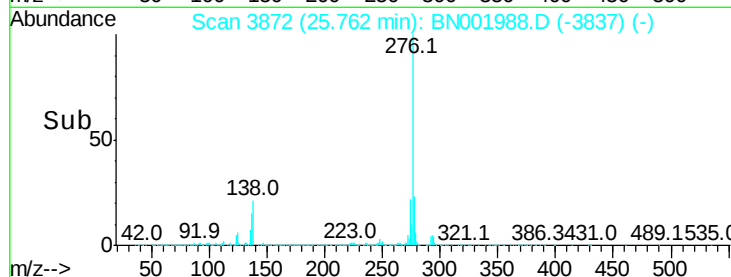
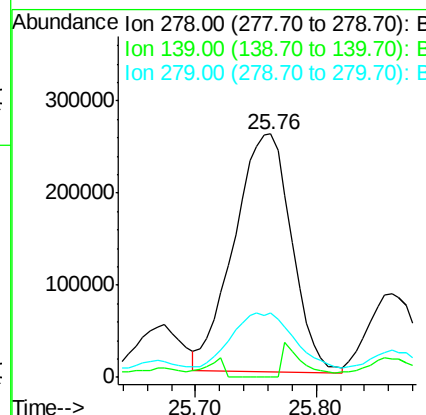
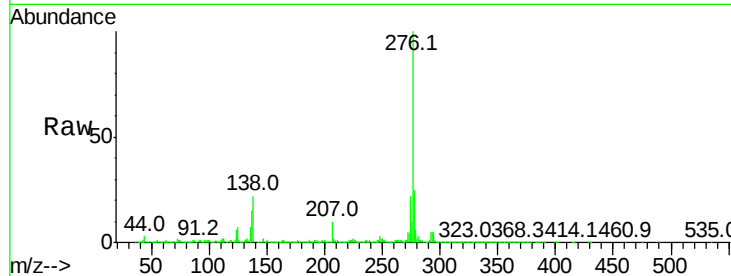
#90
Dibenzo(a,h)anthracene
Concen: 7.532 ng/ul
RT: 25.76 min Scan# 3872
Delta R.T. 0.01 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Instrument :
BNA_N
ClientSampleId :
F1H06

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.0	13.4#
279	26.4	19.1	28.7

Manual Integrations
APPROVED

Sohil
7/9/2018 2:09:21 PM



#91
Benzo(g,h,i)perylene
Concen: 19.374 ng/ul
RT: 26.44 min Scan# 3987
Delta R.T. 0.02 min
Lab File: BN001988.D
Acq: 06 Jul 2018 14:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	11.2	16.8#
277	24.4	19.0	28.6

