

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
 Data File : BN002021.D
 Acq On : 11 Jul 2018 21:18
 Operator : JU/SJ
 Sample : J3775-07 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAZP6

Manual Integrations
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Sohil
 7/12/2018 3:04:08 PM

Quant Time: Jul 12 00:47:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 11 22:41:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	632492	20.00	ng/ul	0.01
18) Naphthalene-d8	10.49	136	2797314	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.35	164	1570931	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.10	188	3217956	20.00	ng/ul	0.02
75) Chrysene-d12	21.30	240	2026709	20.00	ng/ul	0.02
83) Perylene-d12	23.54	264	2051733	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	14390	0.99	ng/uL	0.00
5) Phenol-d5	6.90	99	371200	6.49	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.05	67	224471	6.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	301497	6.64	ng/ul	0.02
13) 4-Methylphenol-d8	8.43	113	281420	6.14	ng/ul	0.02
19) Nitrobenzene-d5	8.86	128	149798	7.21	ng/ul	0.01
22) 2-Nitrophenol-d4	9.58	143	162172	7.54	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.12	165	312498	6.81	ng/ul	0.02
29) 4-Chloroaniline-d4	10.63	131	78853	1.66	ng/ul	0.02
43) Dimethylphthalate-d6	13.76	166	946829	7.14	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1196287	7.30	ng/ul	0.01
51) 4-Nitrophenol-d4	14.57	143	138286	5.66	ng/ul	0.03
57) Fluorene-d10	15.34	176	839355	7.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	42400	2.42	ng/ul	0.02
70) Anthracene-d10	17.19	188	1188888	7.65	ng/ul	0.01
76) Pyrene-d10	19.50	212	1026465	10.05	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.40	264	819631	7.35	ng/ul	0.02

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.80	163	283206	2.172	ng/ul	98
49) Acenaphthene	14.41	153	147018	1.341	ng/ul	97
58) Fluorene	15.40	166	147284	1.173	ng/ul	97
69) Phenanthrene	17.14	178	5119887	28.244	ng/ul	99
71) Anthracene	17.23	178	1422636	7.753	ng/ul	97
72) Carbazole	17.50	167	385707	2.509	ng/ul	98
73) Di-n-butylphthalate	18.07	149	1488943	7.671	ng/ul	99
74) Fluoranthene	19.16	202	8718795	45.757	ng/ul#	87
77) Pyrene	19.53	202	6722543	53.004	ng/ul#	87
78) Butylbenzylphthalate	20.43	149	317675	5.870	ng/ul	95
80) Benzo(a)anthracene	21.28	228	2740942	21.399	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.22	149	1532564	18.990	ng/ul	99
82) Chrysene	21.33	228	2340660	19.640	ng/ul	97
85) Benzo(b)fluoranthene	22.87	252	2570649	19.837	ng/ul#	92
86) Benzo(k)fluoranthene	22.91	252	895852m	7.129	ng/ul	
88) Benzo(a)pyrene	23.44	252	1640680	13.549	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	25.79	276	1151980	8.940	ng/ul#	90
90) Dibenzo(a,h)anthracene	25.79	278	314376	2.932	ng/ul#	74
91) Benzo(g,h,i)perylene	26.48	276	1008528	9.488	ng/ul#	88

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

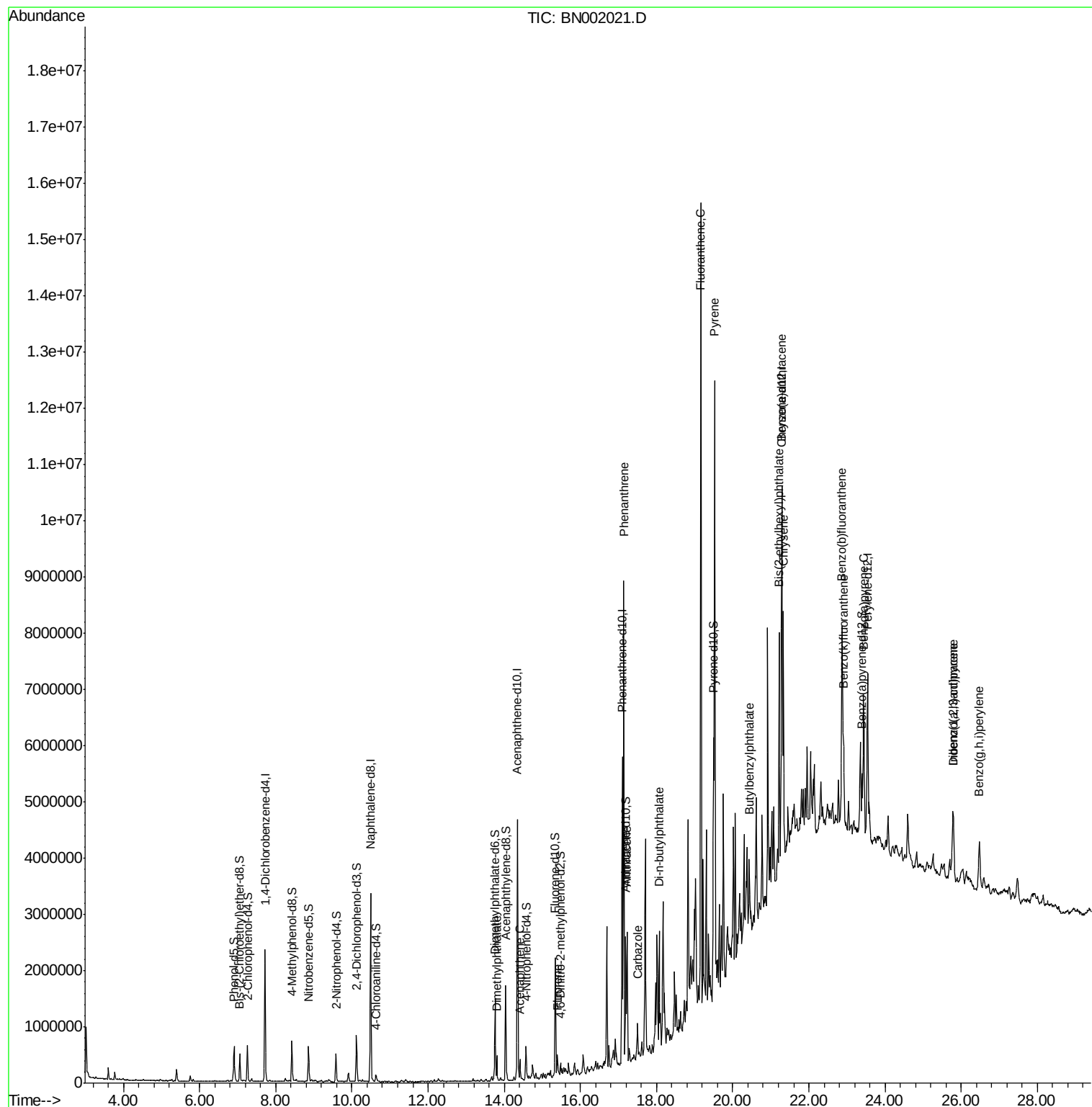
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071118\
Data File : BN002021.D
Acq On : 11 Jul 2018 21:18
Operator : JU/SJ
Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

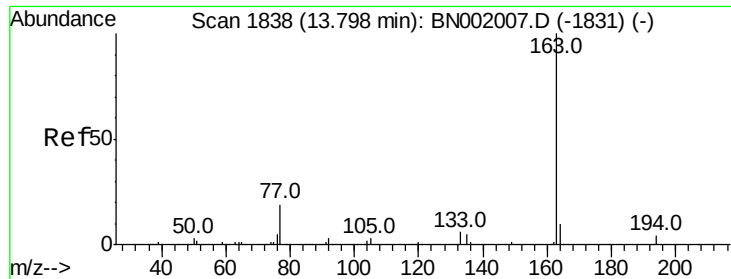
Instrument :
BNA_N
ClientSampled :
DAZP6

Manual Integrations
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Quant Time: Jul 12 00:47:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 11 22:41:21 2018
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 2.172 ng/ul

RT: 13.80 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BN002021.D

Acq: 11 Jul 2018 21:18

Instrument :

BNA_N

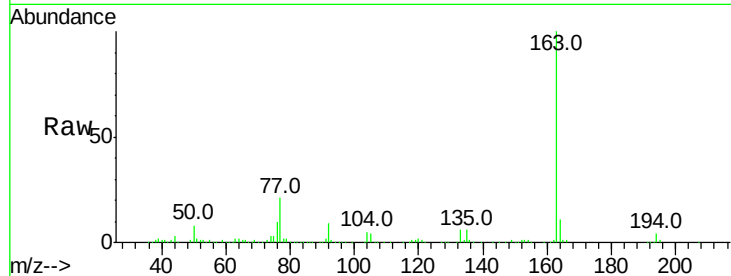
ClientSampled :

DAZP6

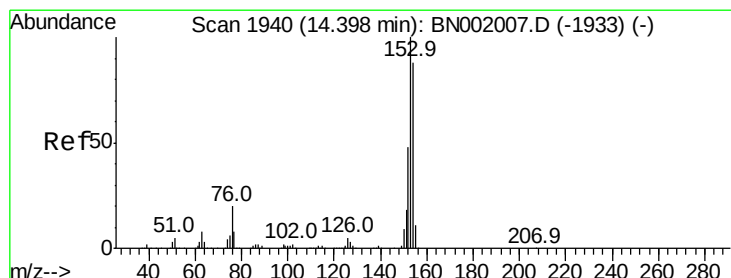
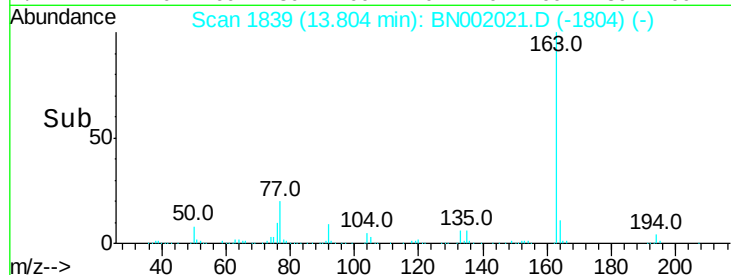
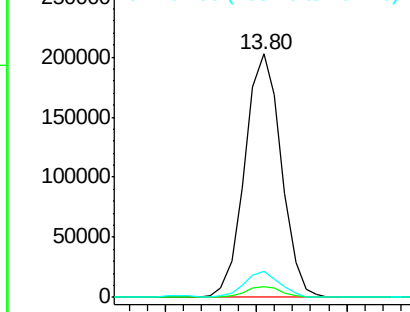
Tot Ion:	163	Resp:	283206
Ion Ratio	Lower	Upper	
163	100		
194	4.2	4.0	6.0
164	10.9	8.4	12.6

Manual Integrations
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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



#49

Acenaphthene

Concen: 1.341 ng/ul

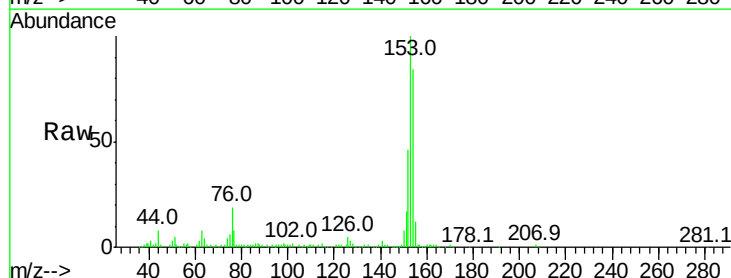
RT: 14.41 min Scan# 1942

Delta R.T. 0.01 min

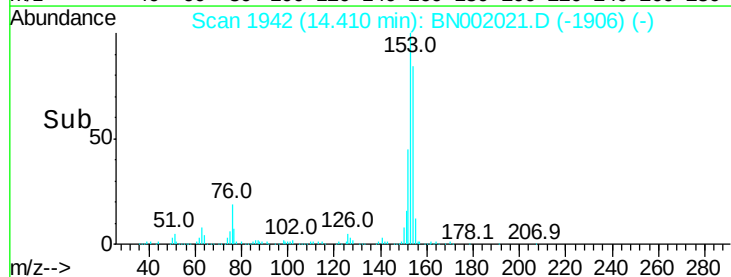
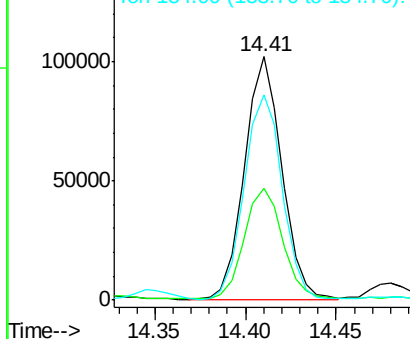
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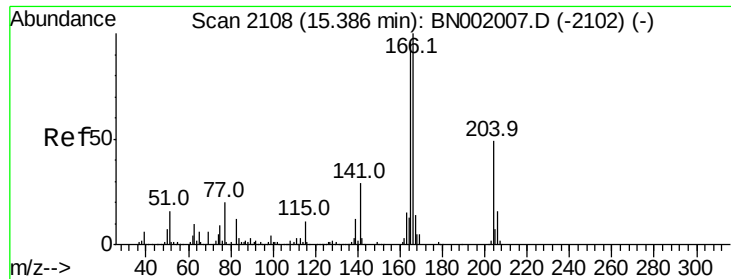
Acq: 11 Jul 2018 21:18

Tgt Ion:	153	Resp:	147018
Ion Ratio	Lower	Upper	
153	100		
152	45.7	37.9	56.9
154	84.4	69.8	104.6



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





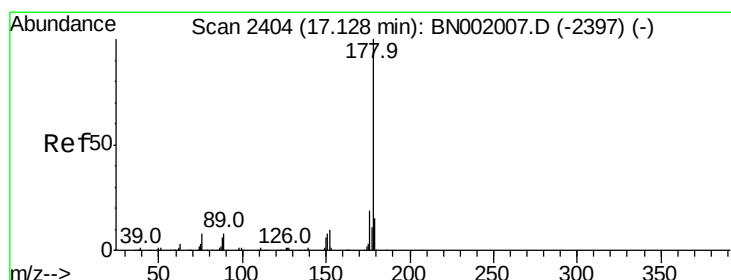
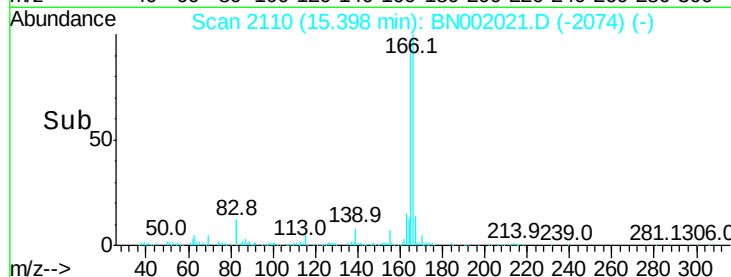
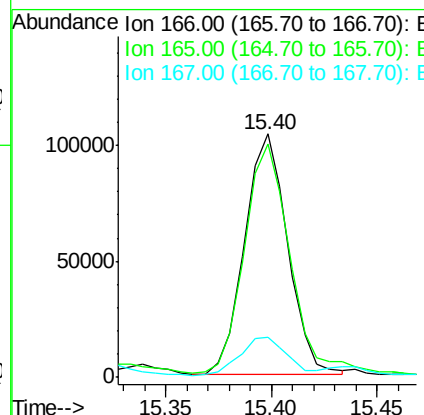
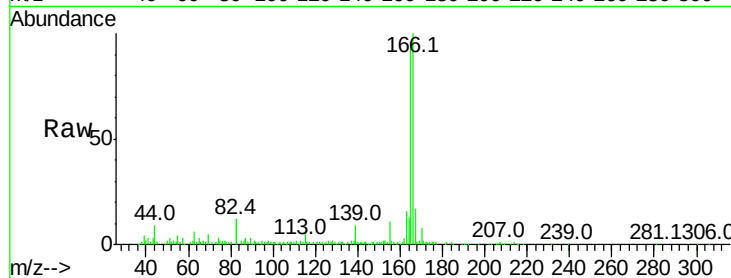
#58
 Fluorene
 Concen: 1.173 ng/ul
 RT: 15.40 min Scan# 2110
 Delta R.T. 0.01 min
 Lab File: BN002021.D
 Acq: 11 Jul 2018 21:18

Instrument :
 BNA_N
 ClientSampled :
 DAZP6

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.9	78.4	117.6
167	16.6	11.1	16.7

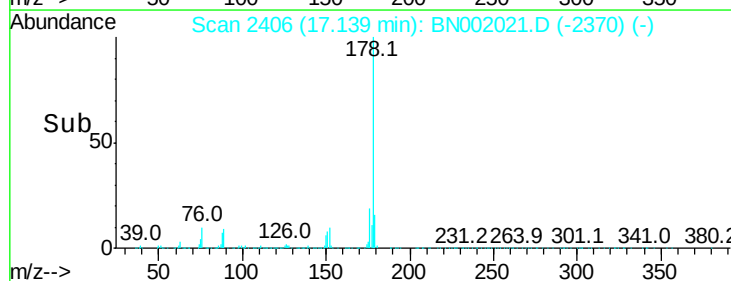
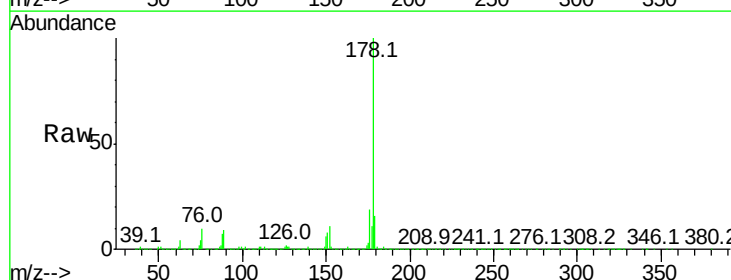
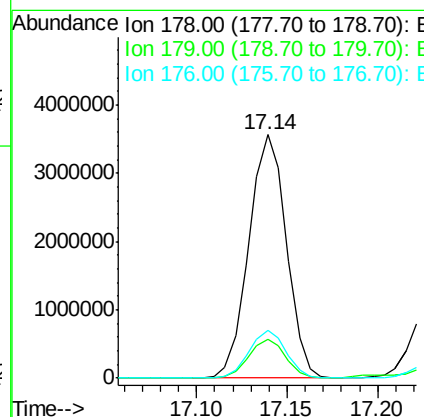
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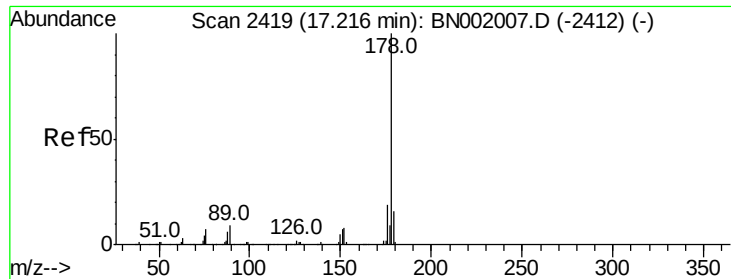
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#69
 Phenanthrene
 Concen: 28.244 ng/ul
 RT: 17.14 min Scan# 2406
 Delta R.T. 0.01 min
 Lab File: BN002021.D
 Acq: 11 Jul 2018 21:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.4	15.4	23.0





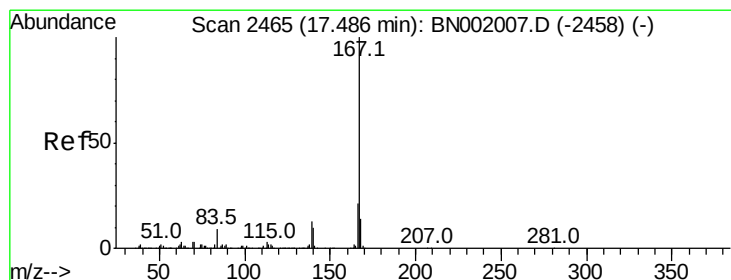
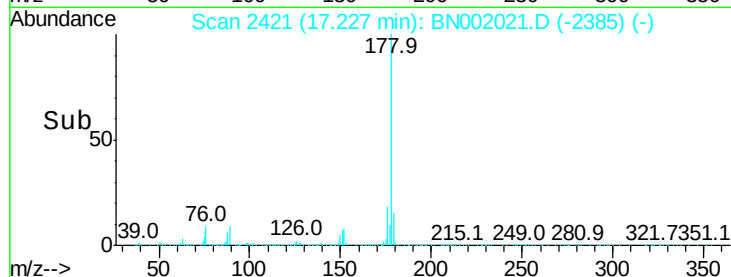
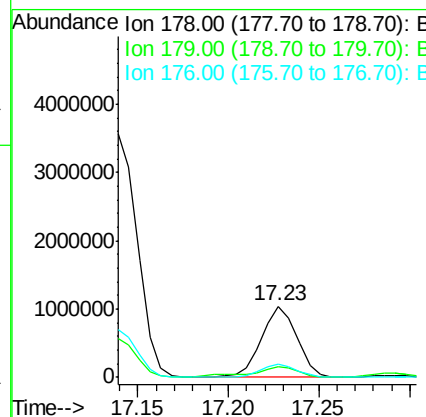
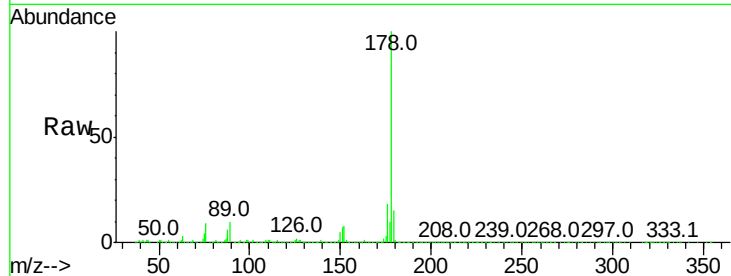
#71
 Anthracene
 Concen: 7.753 ng/ul
 RT: 17.23 min Scan# 2421
 Delta R.T. 0.01 min
 Lab File: BN002021.D
 Acq: 11 Jul 2018 21:18

Instrument :
 BNA_N
 ClientSampleID :
 DAZP6

Tot Ion:178 Resp: 1422636
 Ion Ratio Lower Upper
 178 100
 179 15.3 13.4 20.2
 176 18.4 15.4 23.0

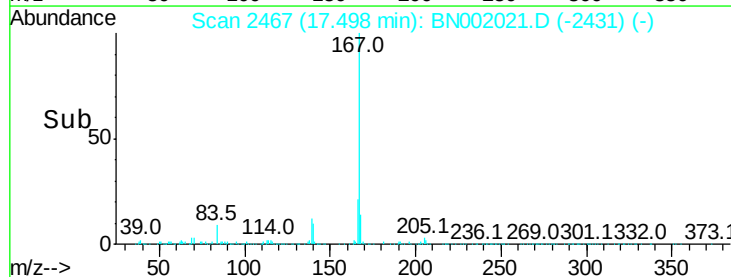
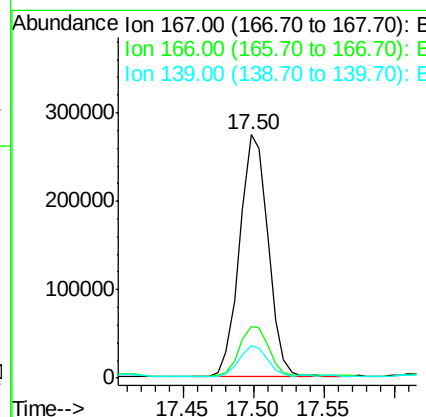
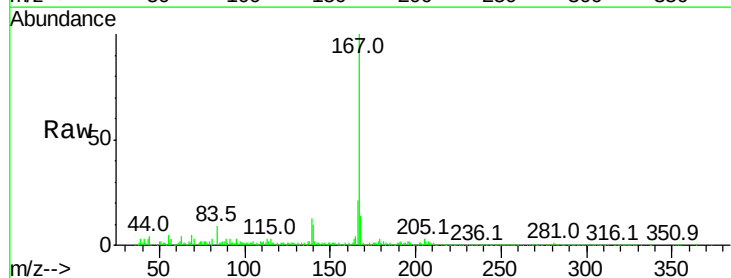
Manual Integrations
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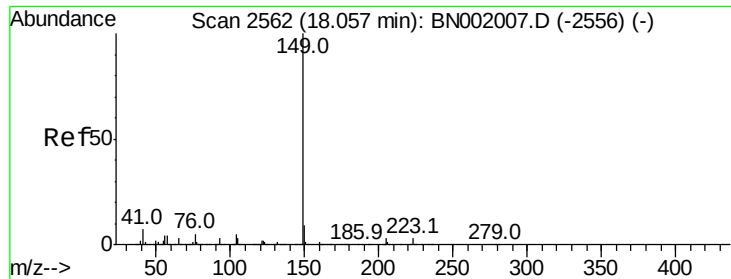
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#72
 Carbazole
 Concen: 2.509 ng/ul
 RT: 17.50 min Scan# 2467
 Delta R.T. 0.01 min
 Lab File: BN002021.D
 Acq: 11 Jul 2018 21:18

Tgt Ion:167 Resp: 385707
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 13.2 9.1 13.7





#73

Di-n-butylphthalate

Concen: 7.671 ng/ul

RT: 18.07 min Scan# 2564

Delta R.T. 0.01 min

Lab File: BN002021.D

Acq: 11 Jul 2018 21:18

Instrument :

BNA_N

ClientSampleId :

DAZP6

Tot Ion:149 Resp: 1488943

Ion Ratio Lower Upper

149 100

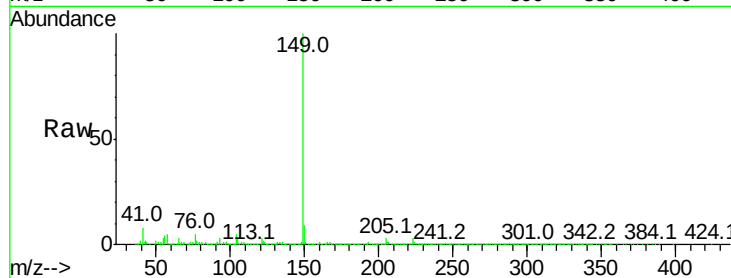
150 9.3 7.5 11.3

104 4.8 4.1 6.1

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.07

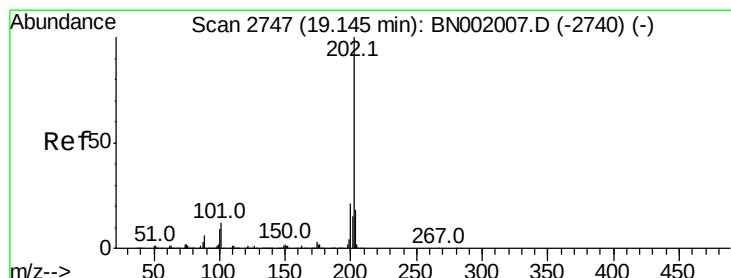
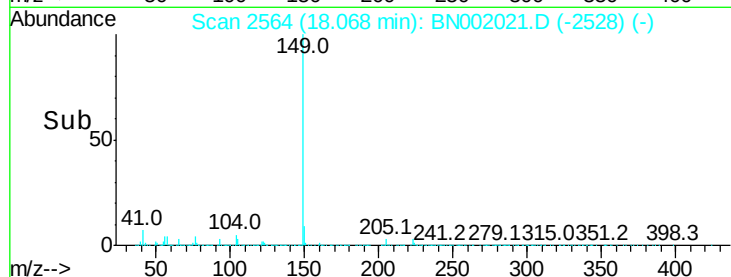
1500000

1000000

500000

0

Time-->



#74

Fluoranthene

Concen: 45.757 ng/ul

RT: 19.16 min Scan# 2750

Delta R.T. 0.02 min

Lab File: BN002021.D

Acq: 11 Jul 2018 21:18

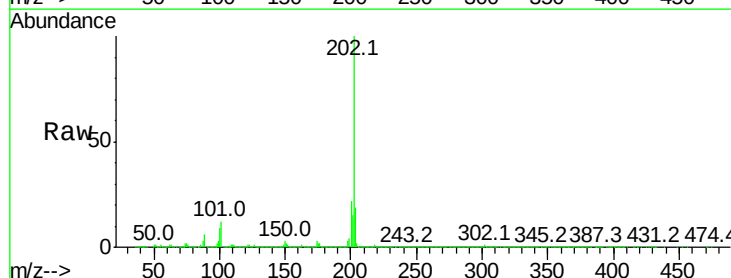
Tgt Ion:202 Resp: 8718795

Ion Ratio Lower Upper

202 100

101 12.5 6.1 9.1#

100 9.4 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

19.16

8000000

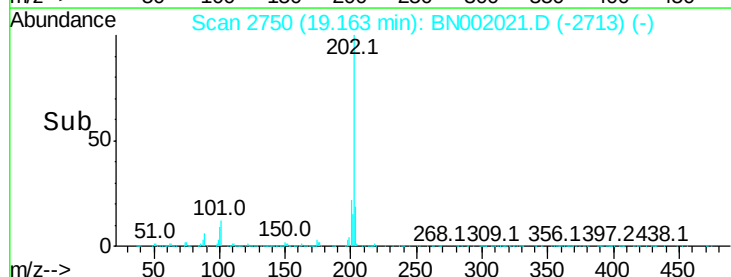
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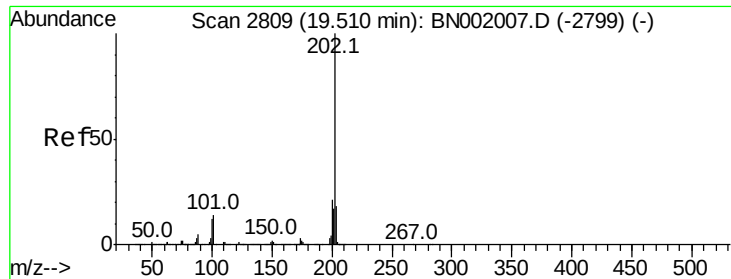
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2000000

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Time-->





#77

Pvrene

Concen: 53.004 ng/ul

RT: 19.53 min Scan# 2812

Delta R.T. 0.02 min

Lab File: BN002021.D

Acq: 11 Jul 2018 21:18

Instrument :

BNA_N

ClientSampleId :

DAZP6

Tot Ion:202 Resp: 6722543

Ion Ratio Lower Upper

202 100

101 13.6 6.9 10.3#

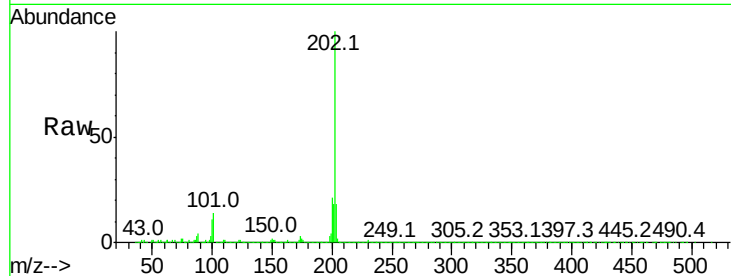
100 11.3 5.6 8.4#

Manual Integrations

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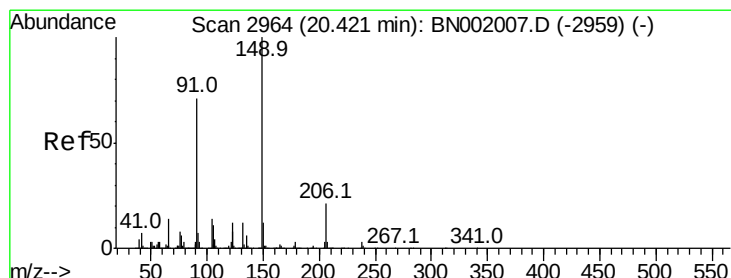
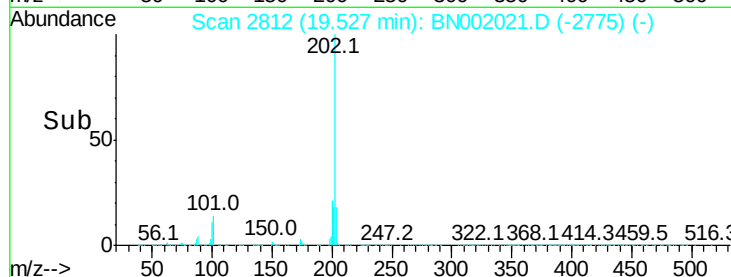
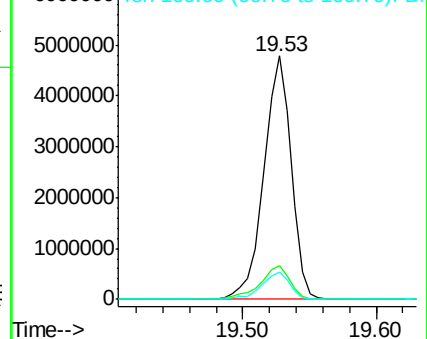
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#78

Butylbenzylphthalate

Concen: 5.870 ng/ul

RT: 20.43 min Scan# 2966

Delta R.T. 0.01 min

Lab File: BN002021.D

Acq: 11 Jul 2018 21:18

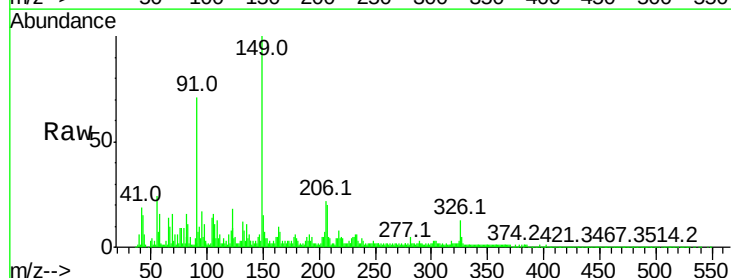
Tgt Ion:149 Resp: 317675

Ion Ratio Lower Upper

149 100

91 71.2 53.4 80.0

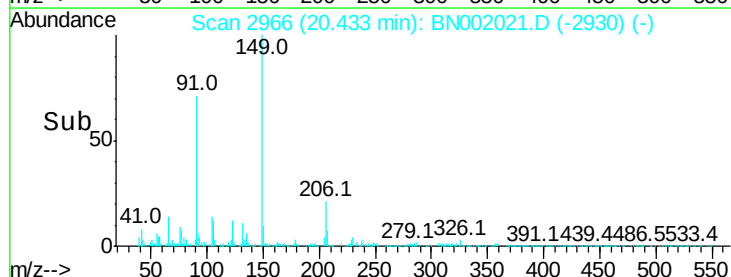
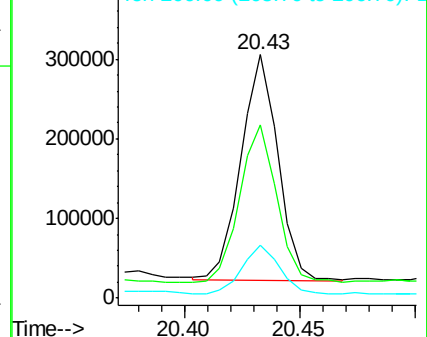
206 21.6 19.3 28.9

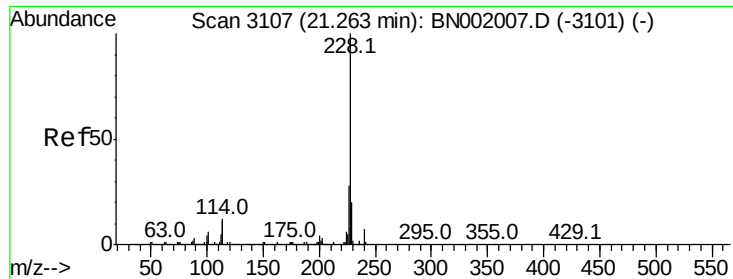


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E





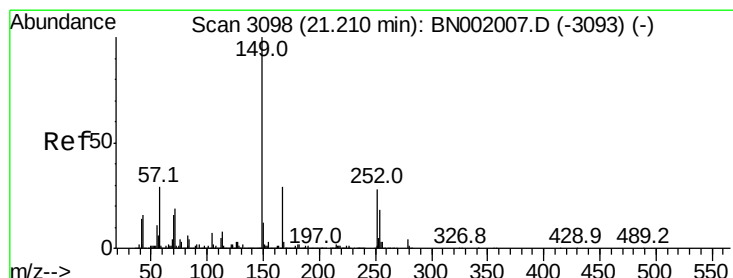
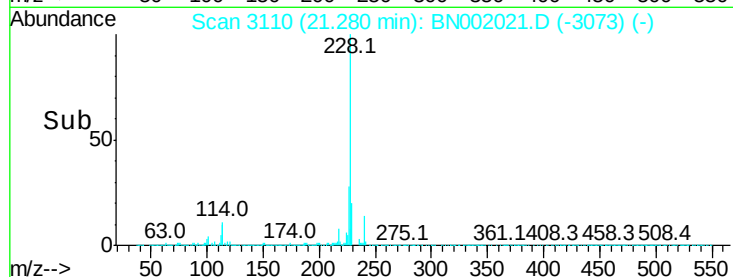
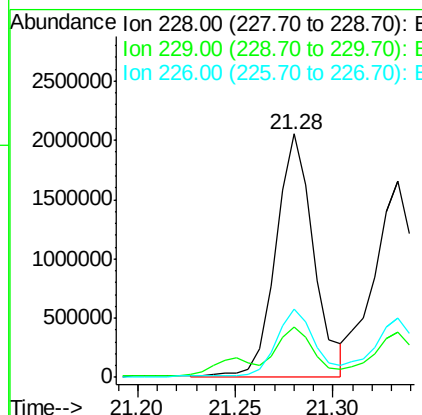
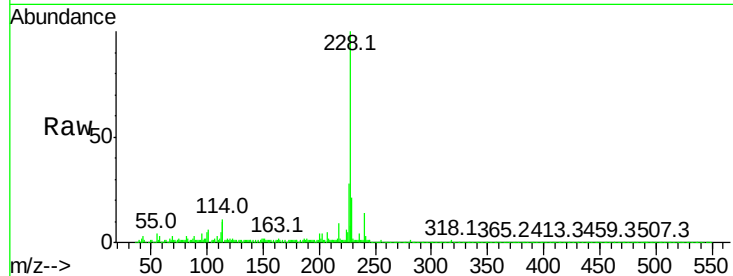
#80
Benzo(a)anthracene
Concen: 21.399 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. 0.02 min
Lab File: BN002021.D
Acq: 11 Jul 2018 21:18

Instrument :
BNA_N
ClientSampled :
DAZP6

Tot Ion:228 Resp: 2740942
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 28.0 21.8 32.8

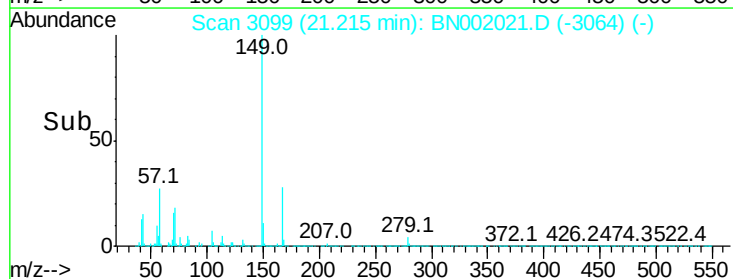
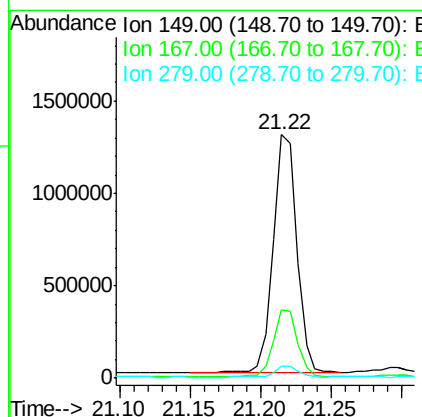
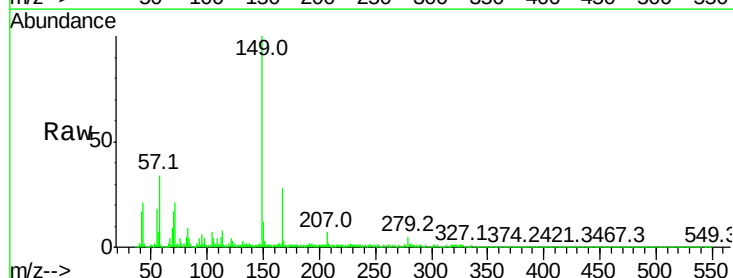
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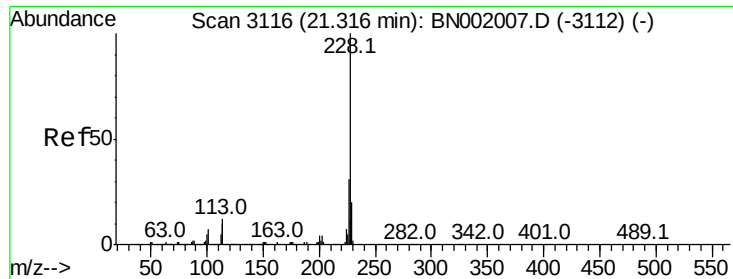
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#81
Bis(2-ethylhexyl)phthalate
Concen: 18.990 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BN002021.D
Acq: 11 Jul 2018 21:18

Tgt Ion:149 Resp: 1532564
Ion Ratio Lower Upper
149 100
167 28.3 23.0 34.6
279 4.6 4.3 6.5





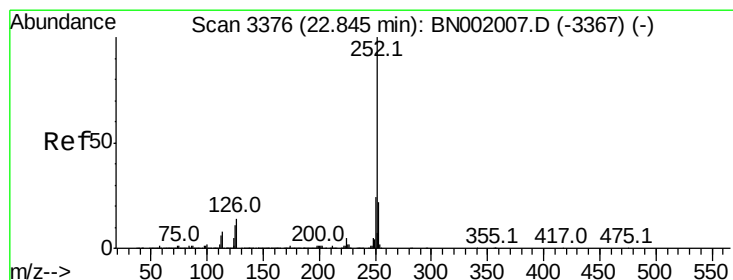
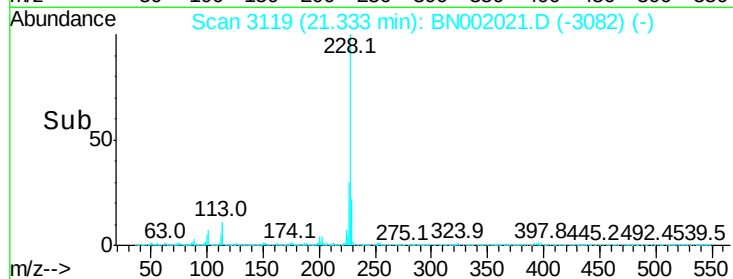
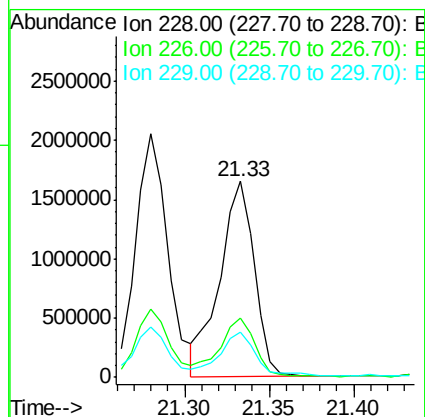
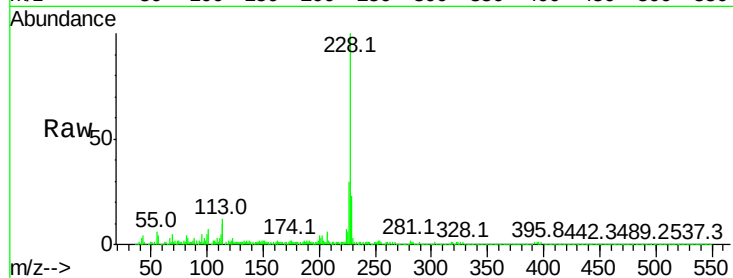
#82
Chrysene
Concen: 19.640 ng/ul
RT: 21.33 min Scan# 3119
Delta R.T. 0.02 min
Lab File: BN002021.D
Acq: 11 Jul 2018 21:18

Instrument :
BNA_N
ClientSampleId :
DAZP6

Tot Ion:	228	Resp:	2340660
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	23.1	16.0	24.0

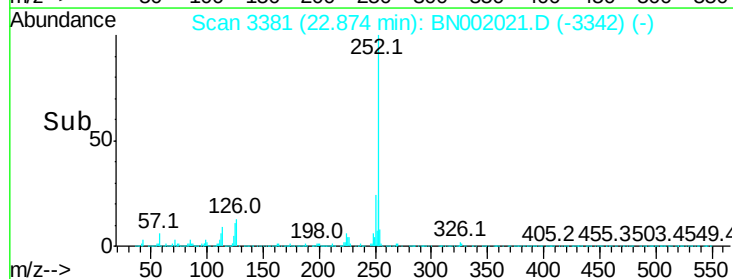
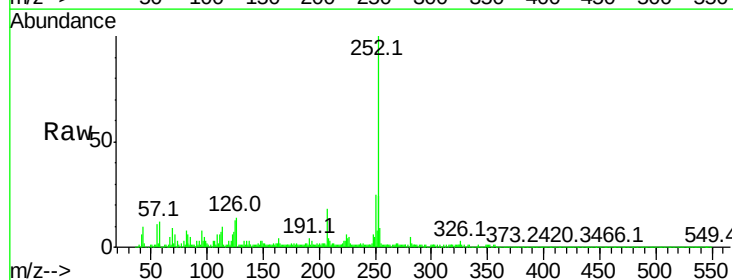
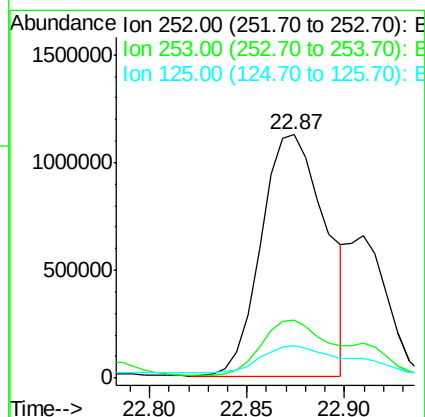
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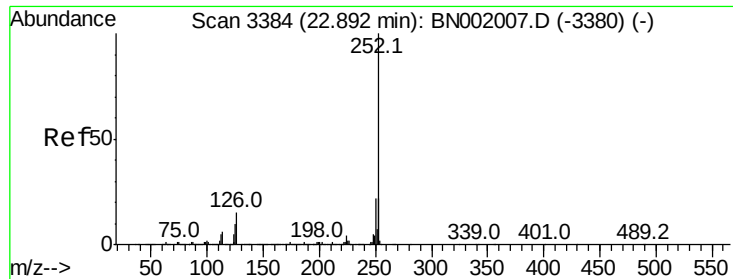
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#85
Benzo(b)fluoranthene
Concen: 19.837 ng/ul
RT: 22.87 min Scan# 3381
Delta R.T. 0.03 min
Lab File: BN002021.D
Acq: 11 Jul 2018 21:18

Tgt Ion:	252	Resp:	2570649
Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	13.3	4.9	7.3#





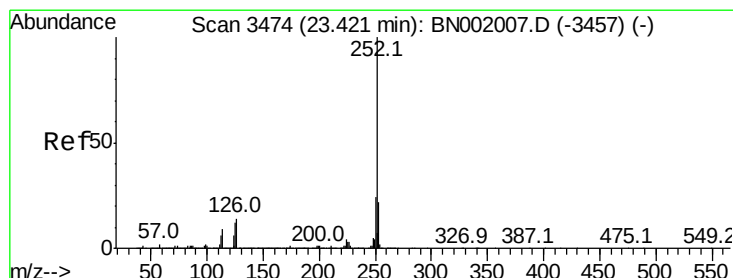
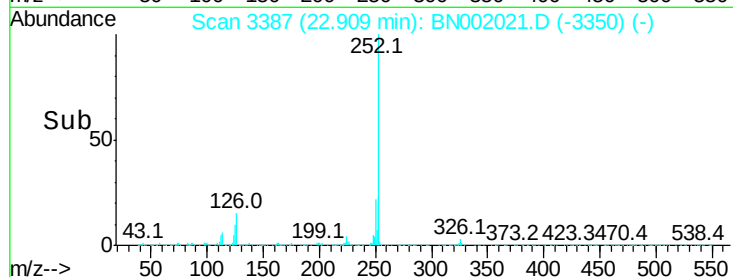
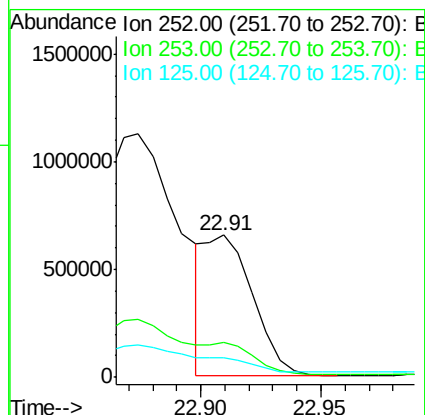
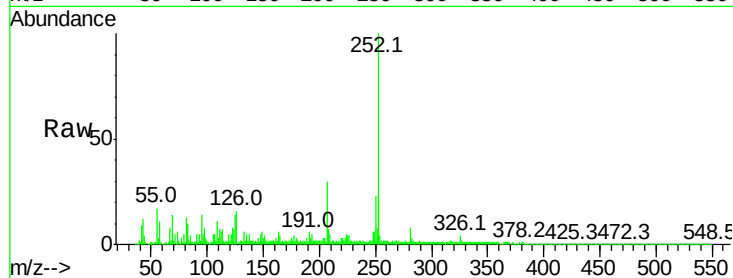
#86
Benzo(k)fluoranthene
Concen: 7.129 ng/ul m
RT: 22.91 min Scan# 3387
Delta R.T. 0.02 min
Lab File: BN002021.D
Acq: 11 Jul 2018 21:18

Instrument :
BNA_N
ClientSampled :
DAZP6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	13.8	5.4	8.0#

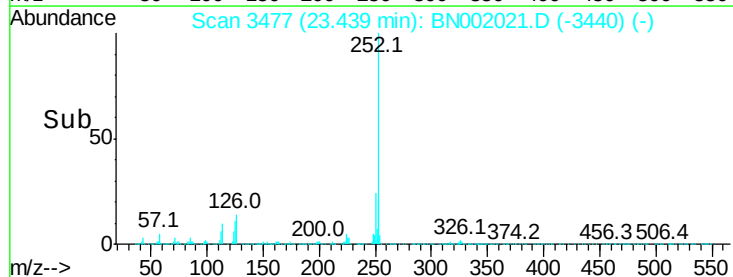
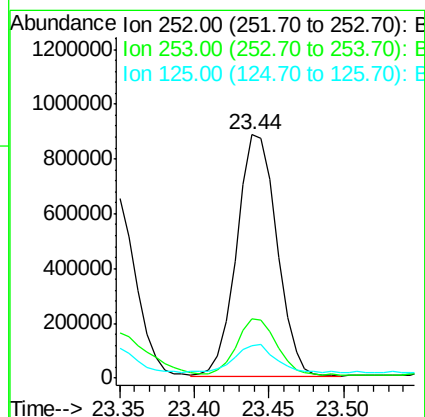
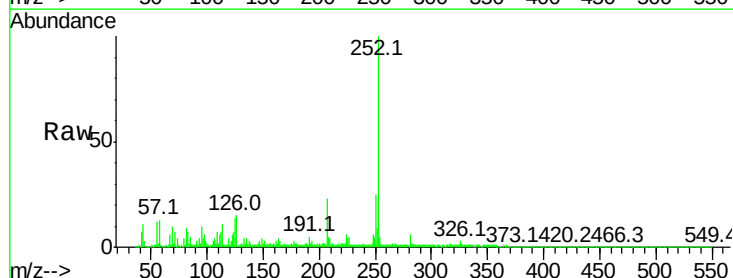
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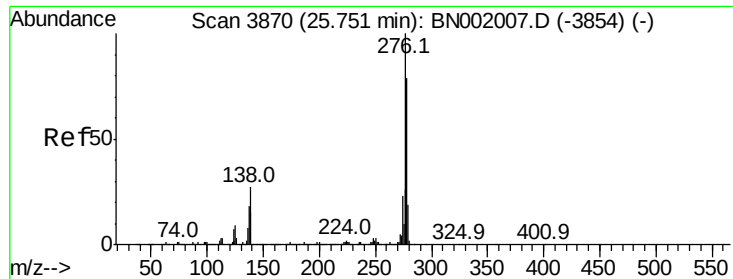
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#88
Benzo(a)pyrene
Concen: 13.549 ng/ul
RT: 23.44 min Scan# 3477
Delta R.T. 0.02 min
Lab File: BN002021.D
Acq: 11 Jul 2018 21:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	13.6	5.8	8.6#





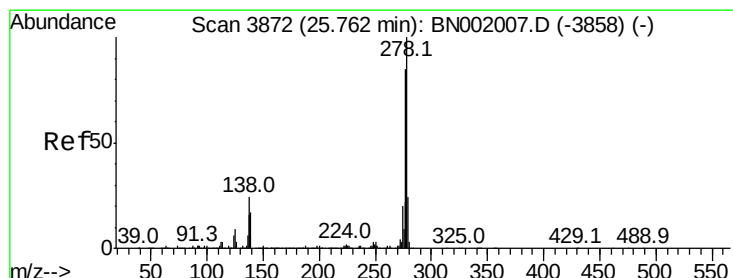
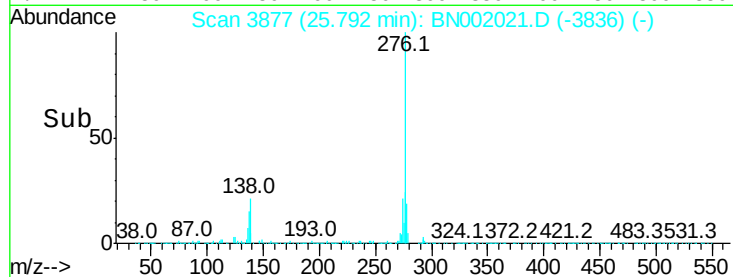
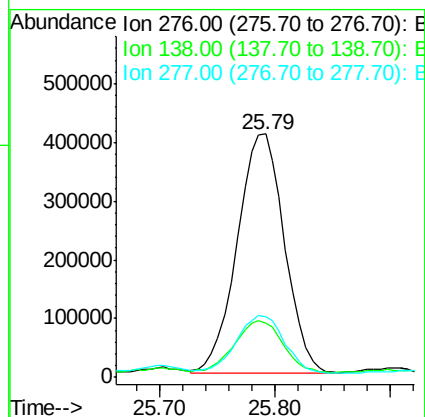
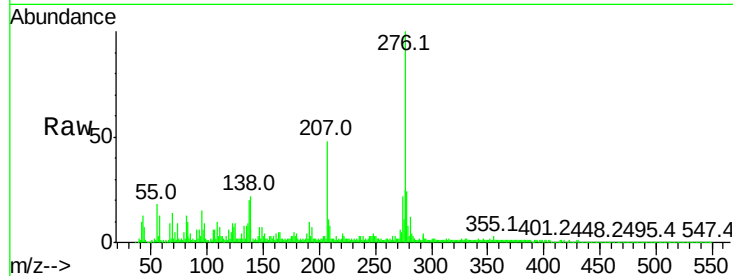
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 8.940 ng/ul
 RT: 25.79 min Scan# 3877
 Delta R.T. 0.04 min
 Lab File: BN002021.D
 Acq: 11 Jul 2018 21:18

Instrument :
 BNA_N
 ClientSampleID :
 DAZP6

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.4	10.9	16.3#
277	25.0	18.9	28.3

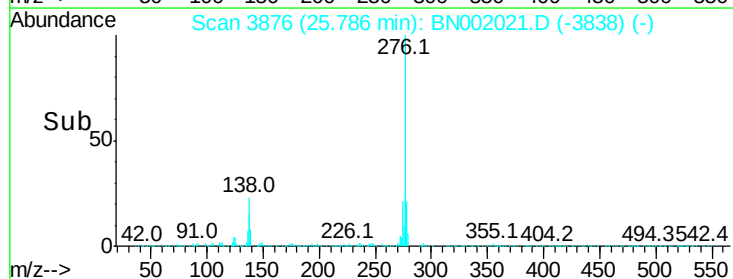
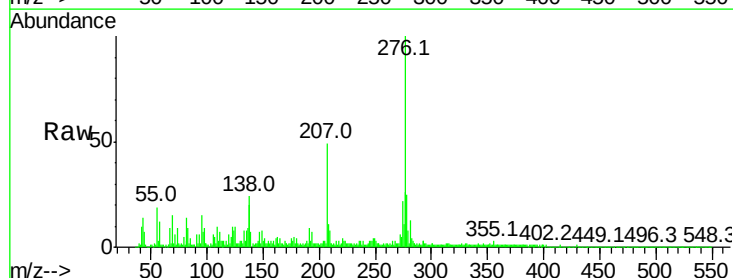
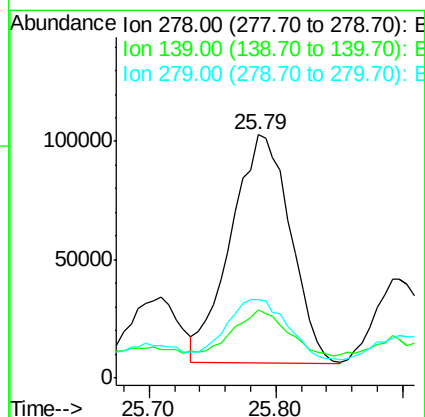
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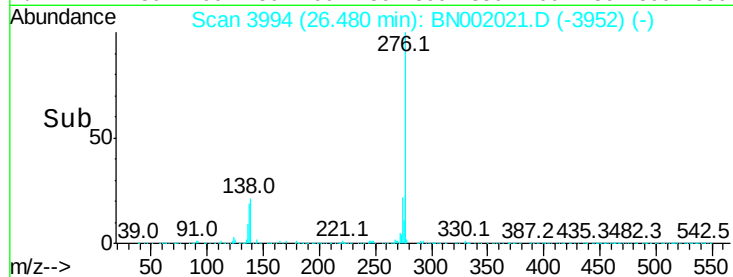
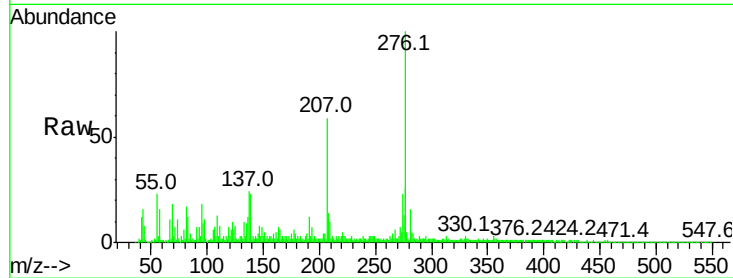
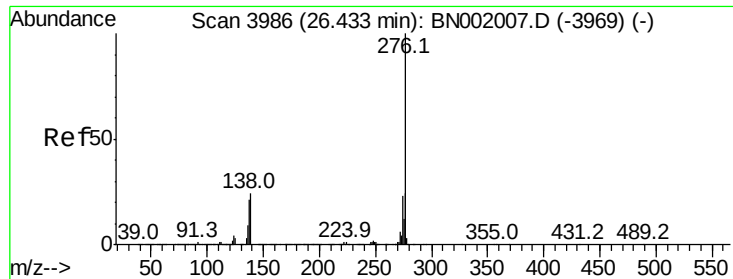
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#90
 Dibenzo(a,h)anthracene
 Concen: 2.932 ng/ul
 RT: 25.79 min Scan# 3876
 Delta R.T. 0.02 min
 Lab File: BN002021.D
 Acq: 11 Jul 2018 21:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.0	9.0	13.4#
279	32.4	19.1	28.7#





#91

Benzo(a,h,i)perylene

Concen: 9.488 ng/ul

RT: 26.48 min Scan# 3994

Delta R.T. 0.05 min

Lab File: BN002021.D

Acq: 11 Jul 2018 21:18

Instrument :

BNA_N

ClientSampleId :

DAZP6

Tot Ion:276 Resp: 1008528

Ion Ratio Lower Upper

276 100

138 23.4 11.2 16.8#

277 26.1 19.0 28.6

Manual Integrations

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Sohil

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