

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100520\
 Data File : BN012090.D
 Acq On : 06 Oct 2020 14:17
 Operator : CG/JU
 Sample : L4184-18
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS2

Manual Integrations
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Quant Time: Oct 06 14:57:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 16:22:43 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	422095	20.00	ng/ul	0.00
18) Naphthalene-d8	10.433	136	1714274	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.298	164	979799	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.051	188	1845355	20.00	ng/ul	0.00
78) Chrysene-d12	21.268	240	1739993	20.00	ng/ul	0.02
86) Perylene-d12	23.480	264	1985724	20.00	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	23917	2.47	ng/uL	0.01
5) Phenol-d5	6.834	99	479553	13.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	6.998	67	303102	14.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.198	132	396562	13.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.363	113	385204	13.89	ng/ul	0.00
19) Nitrobenzene-d5	8.804	128	195886	14.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.522	143	207035	14.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.057	165	379408	13.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.569	131	385001	11.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.710	166	1205188	15.68	ng/ul	0.00
47) Acenaphthylene-d8	13.986	160	1363562	14.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.504	143	166967	11.80	ng/ul	0.00
58) Fluorene-d10	15.298	176	944350	14.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.439	200	29081	2.47	ng/ul	0.02
71) Anthracene-d10	17.157	188	1296623	14.49	ng/ul	0.01
79) Pyrene-d10	19.462	212	1361290	14.87	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.345	264	1435927	12.89	ng/ul	0.03
Target Compounds						
					Qvalue	
28) Naphthalene	10.481	128	1159185	11.81	ng/ul	100
34) 2-Methylnaphthalene	12.104	142	1133931	16.82	ng/ul	95
41) 1,1'-Biphenyl	13.127	154	537835	6.63	ng/ul	97
45) Dimethylphthalate	13.757	163	516704	6.52	ng/ul	99
48) Acenaphthylene	14.022	152	2360306	24.49	ng/ul	99
50) Acenaphthene	14.363	153	3107253	44.85	ng/ul	98
54) Dibenzofuran	14.698	168	4308996	45.59	ng/ul	97
59) Fluorene	15.357	166	7055252	89.04	ng/ul	100
70) Phenanthrene	17.092	178	25118780m	223.43	ng/ul	
72) Anthracene	17.192	178	13893047	122.39	ng/ul#	85
75) Carbazole	17.457	167	3463410	35.14	ng/ul	96
76) Di-n-butylphthalate	18.027	149	408977	3.27	ng/ul#	88
77) Fluoranthene	19.121	202	22210744m	175.90	ng/ul	
80) Pyrene	19.486	202	21873044m	174.27	ng/ul	
83) Benzo(a)anthracene	21.245	228	16355582	139.53	ng/ul#	77
85) Chrysene	21.304	228	14896368	129.27	ng/ul#	66
88) Benzo(b)fluoranthene	22.827	252	17737404	127.51	ng/ul	99
89) Benzo(k)fluoranthene	22.862	252	4940625m	36.06	ng/ul	
91) Benzo(a)pyrene	23.392	252	13279957	105.24	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.709	276	6901164	42.83	ng/ul	98
93) Dibenzo(a,h)anthracene	25.709	278	2378086	17.91	ng/ul#	86
94) Benzo(g,h,i)perylene	26.397	276	5404834	39.39	ng/ul	96

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

Instrument :
BNA_N
ClientSampleId :
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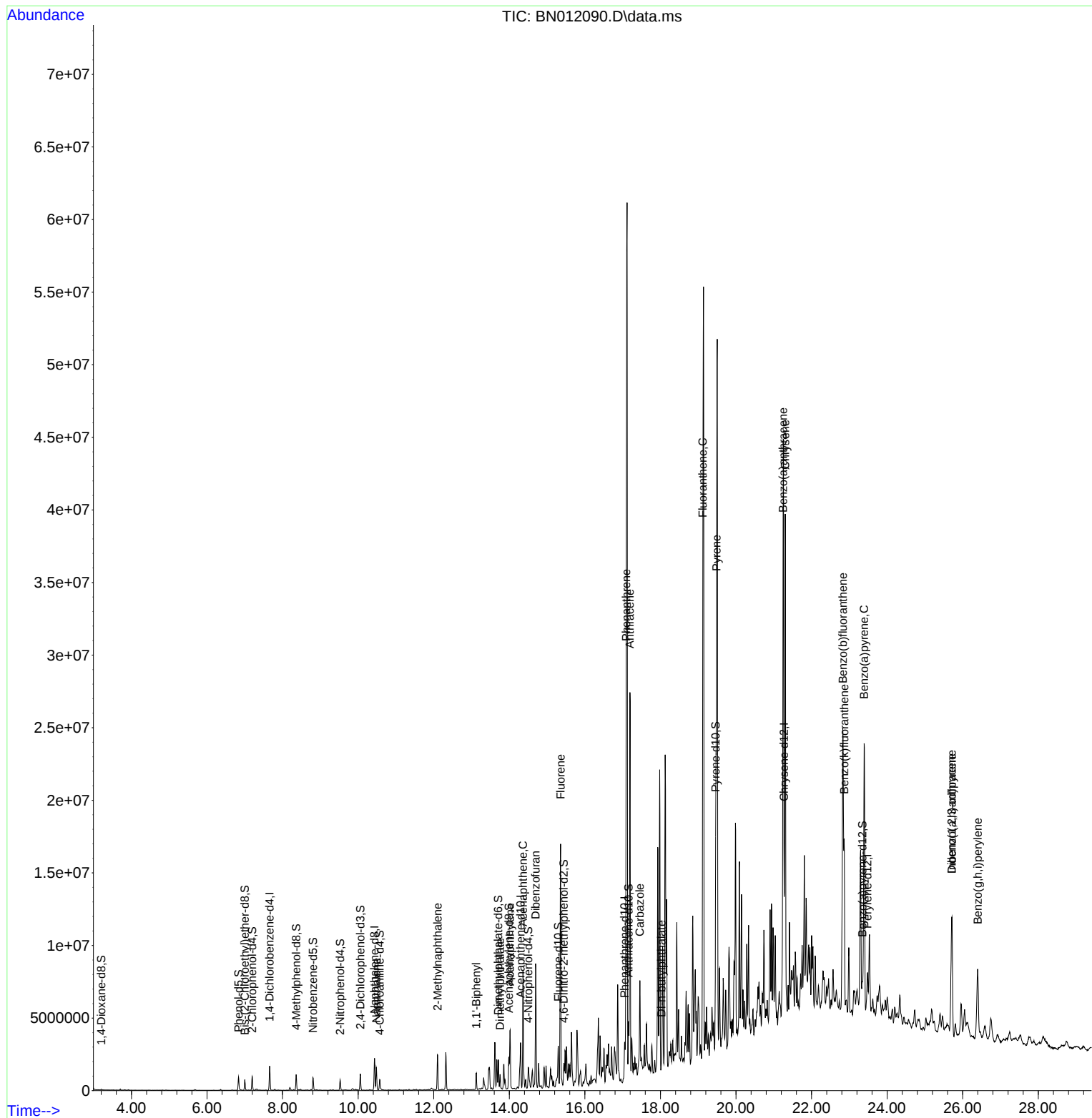
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Data File : BN012090.D
Acq On : 06 Oct 2020 14:17
Operator : CG/JU
Sample : L4184-18
Misc :
ALS Vial : 36 Sample Multiplier: 1

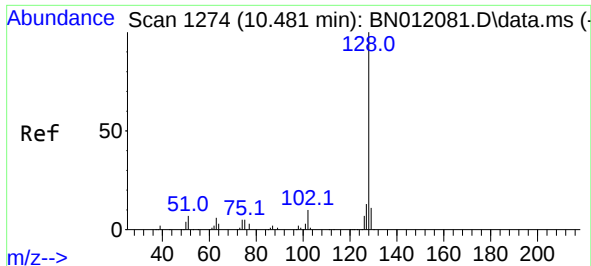
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BNA_N
ClientSampleId :
C0AS2

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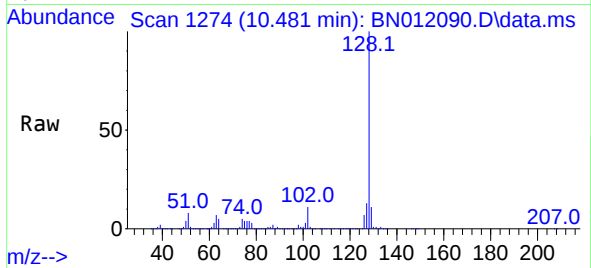
Quant Time: Oct 06 14:57:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 16:22:43 2020
Response via : Initial Calibration





#28
Naphthalene
Concen: 11.81 ng/ul
RT: 10.481 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BN012090.D
Acq: 06 Oct 2020 14:17

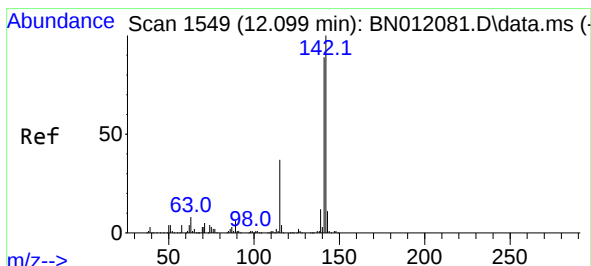
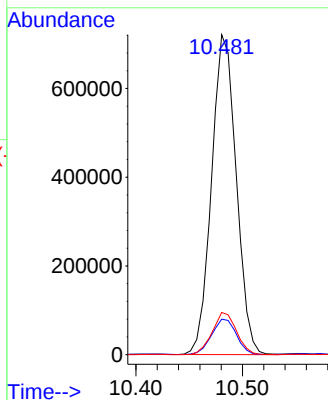
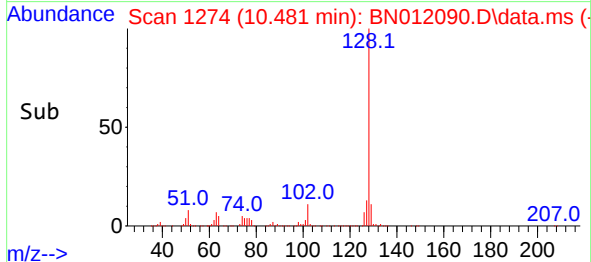
Instrument :
BNA_N
ClientSampled :
C0AS2



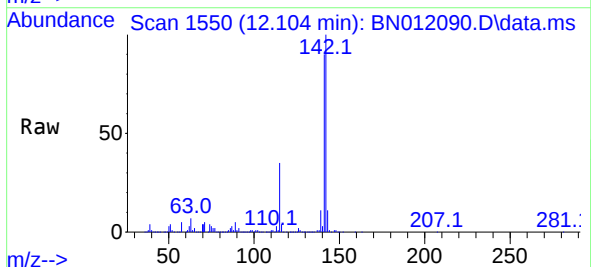
Tgt Ion:128 Resp: 1159185
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.7 16.1

Manual Integrations
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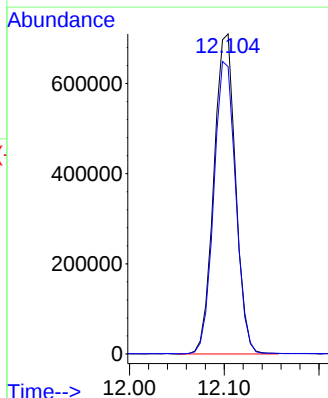
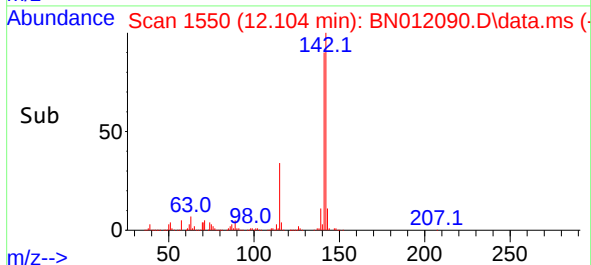
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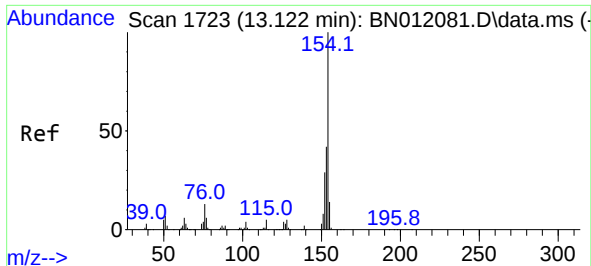


#34
2-Methylnaphthalene
Concen: 16.82 ng/ul
RT: 12.104 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BN012090.D
Acq: 06 Oct 2020 14:17



Tgt Ion:142 Resp: 1133931
Ion Ratio Lower Upper
142 100
141 89.8 75.9 113.9





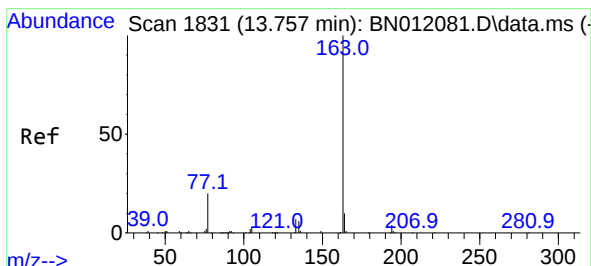
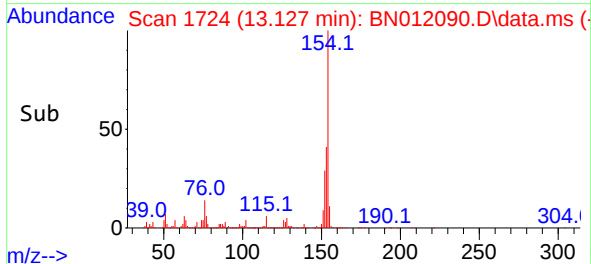
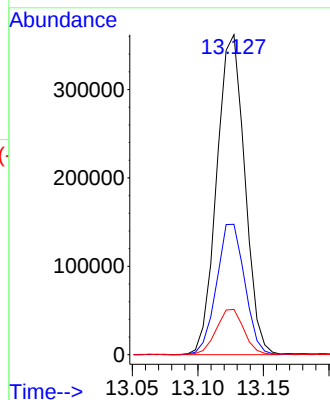
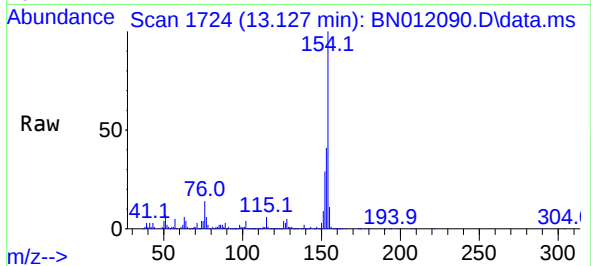
#41
1,1'-Biphenyl
Concen: 6.63 ng/ul
RT: 13.127 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BN012090.D
Acq: 06 Oct 2020 14:17

Tgt Ion:154 Resp: 537835
Ion Ratio Lower Upper
154 100
153 40.7 33.9 50.9
76 14.2 9.8 14.8

Instrument :
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ClientSampled :
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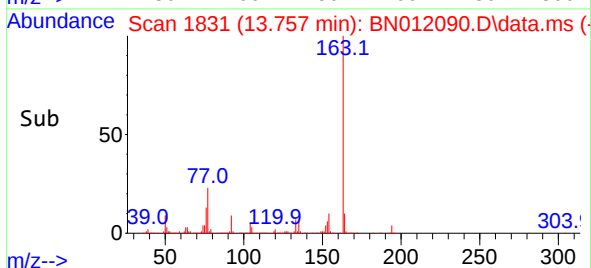
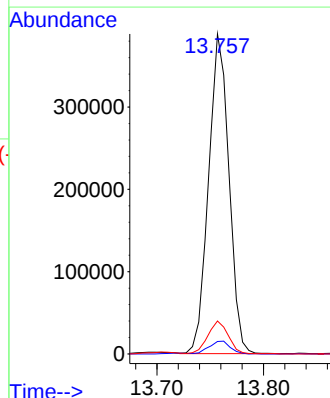
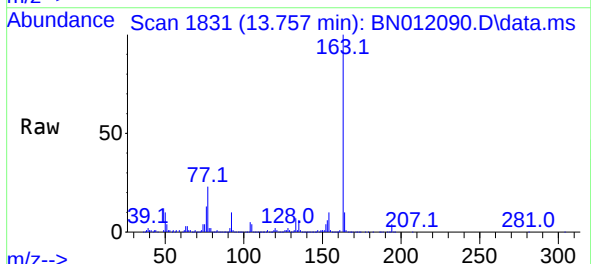
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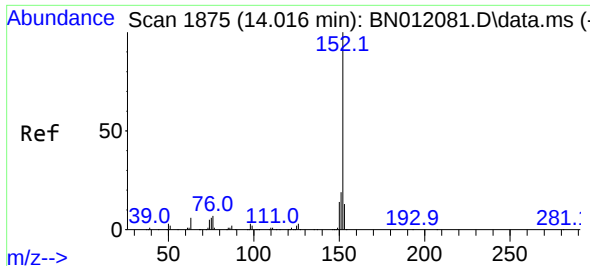
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#45
Dimethylphthalate
Concen: 6.52 ng/ul
RT: 13.757 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BN012090.D
Acq: 06 Oct 2020 14:17

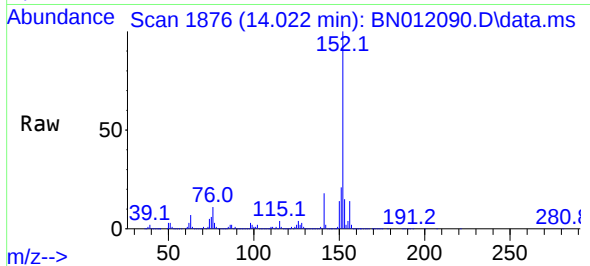
Tgt Ion:163 Resp: 516704
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.3 7.8 11.8





#48
Acenaphthylene
Concen: 24.49 ng/ul
RT: 14.022 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BN012090.D
Acq: 06 Oct 2020 14:17

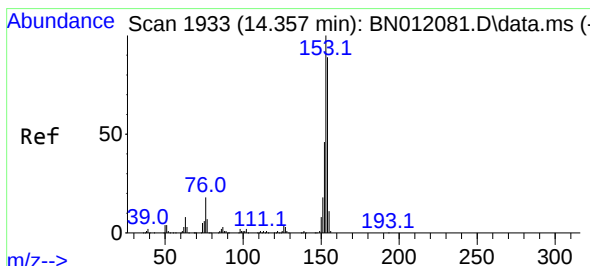
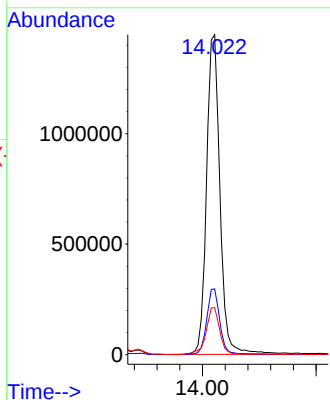
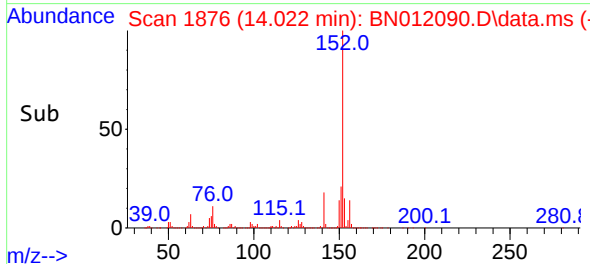
Instrument :
BNA_N
ClientSampled :
C0AS2



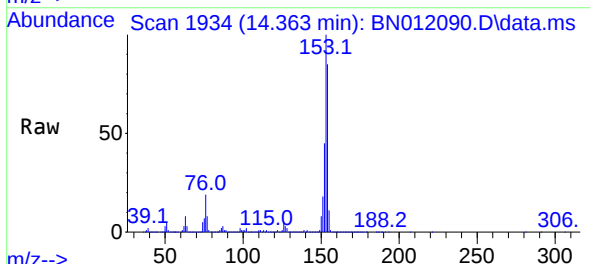
Tgt Ion:152 Resp: 2360306
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 14.7 11.4 17.2

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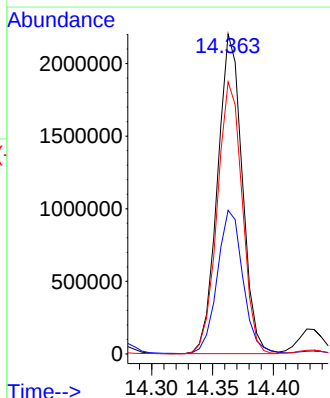
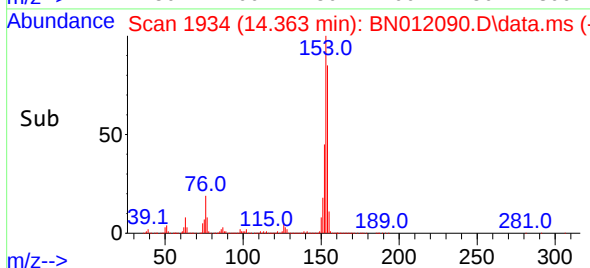
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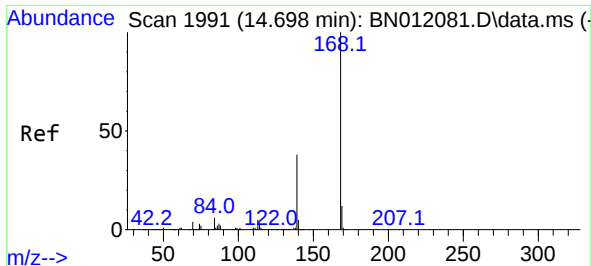


#50
Acenaphthene
Concen: 44.85 ng/ul
RT: 14.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BN012090.D
Acq: 06 Oct 2020 14:17



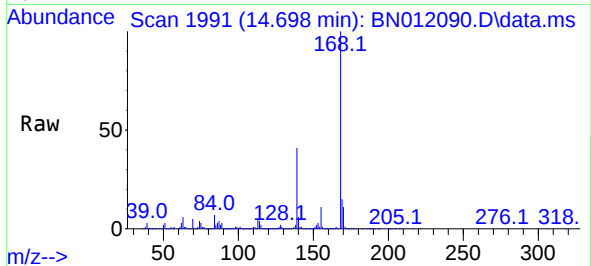
Tgt Ion:153 Resp: 3107253
Ion Ratio Lower Upper
153 100
152 44.9 35.9 53.9
154 85.1 70.2 105.2





#54
Dibenzenofuran
Concen: 45.59 ng/ul
RT: 14.698 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BN012090.D
Acq: 06 Oct 2020 14:17

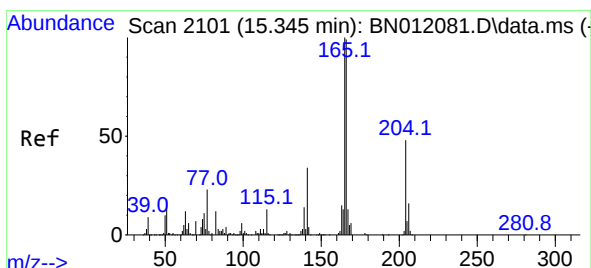
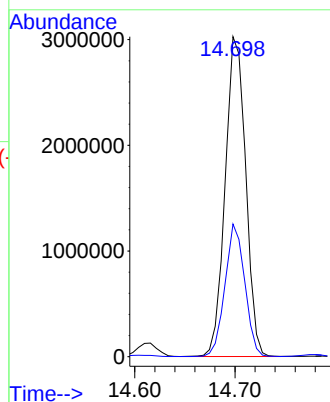
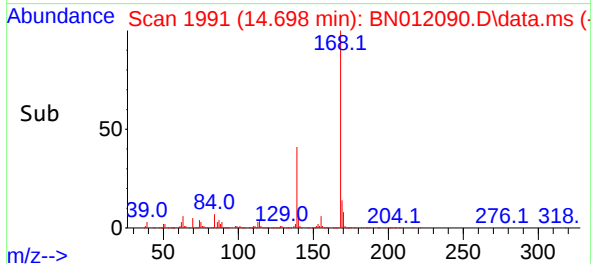
Instrument :
BNA_N
ClientSampled :
C0AS2



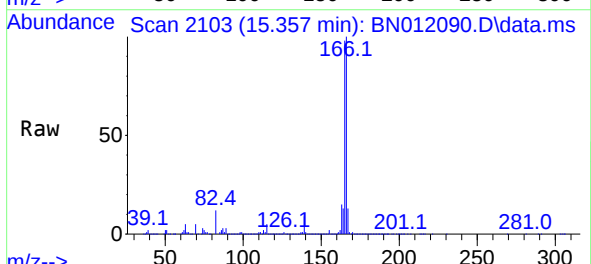
Tgt Ion:168 Resp: 4308996
Ion Ratio Lower Upper
168 100
139 41.5 31.5 47.3

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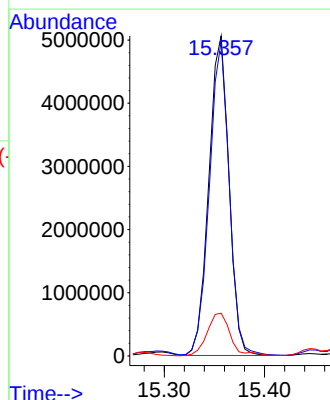
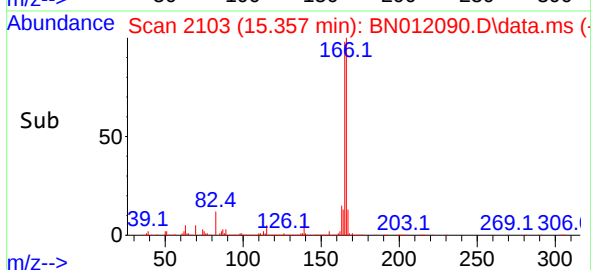
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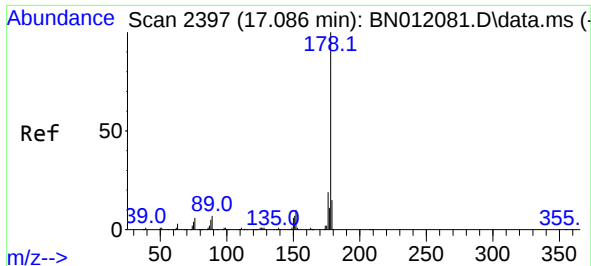


#59
Fluorene
Concen: 89.04 ng/ul
RT: 15.357 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BN012090.D
Acq: 06 Oct 2020 14:17

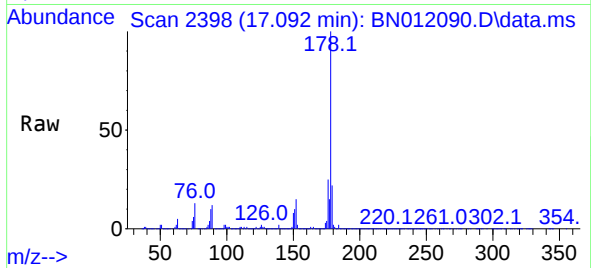


Tgt Ion:166 Resp: 7055252
Ion Ratio Lower Upper
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165 98.4 79.0 118.6
167 13.3 10.5 15.7

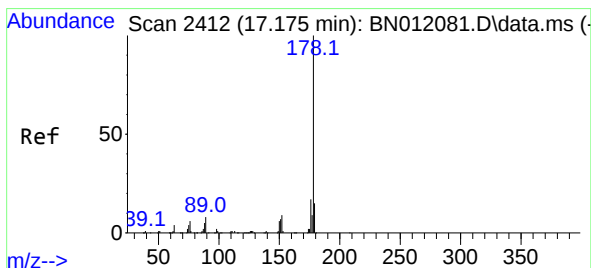
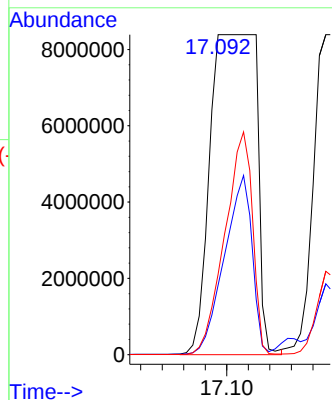
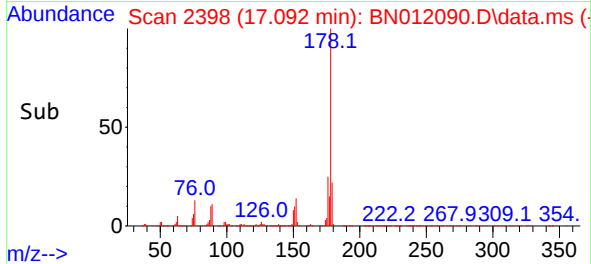




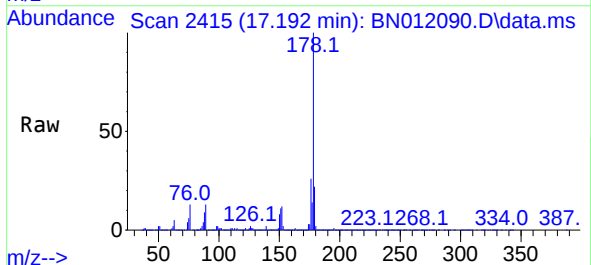
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Phenanthrene
Concen: 223.43 ng/ul m
RT: 17.092 min Scan# 2398
Delta R.T. 0.006 min
Lab File: BN012090.D
Acq: 06 Oct 2020 14:17



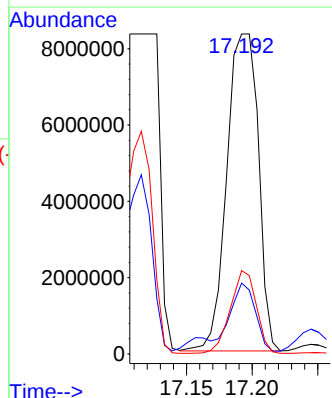
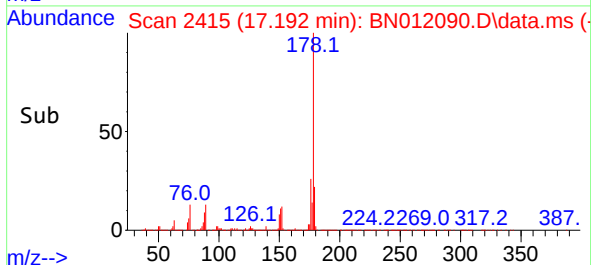
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Ion Ratio Lower Upper
178 100
179 21.8 12.2 18.2#
176 25.2 15.4 23.2#



#72
Anthracene
Concen: 122.39 ng/ul
RT: 17.192 min Scan# 2415
Delta R.T. 0.012 min
Lab File: BN012090.D
Acq: 06 Oct 2020 14:17



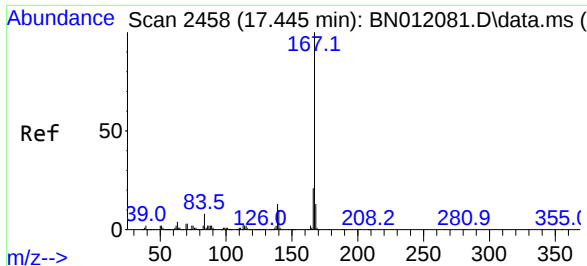
Tgt Ion:178 Resp:13893047
Ion Ratio Lower Upper
178 100
179 22.2 12.8 19.2#
176 26.0 15.0 22.6#



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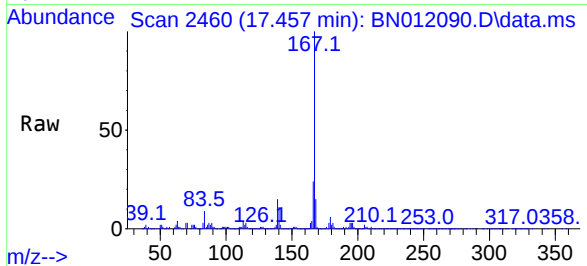
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#75
 Carbazole
 Concen: 35.14 ng/ul
 RT: 17.457 min Scan# 2460
 Delta R.T. 0.006 min
 Lab File: BN012090.D
 Acq: 06 Oct 2020 14:17

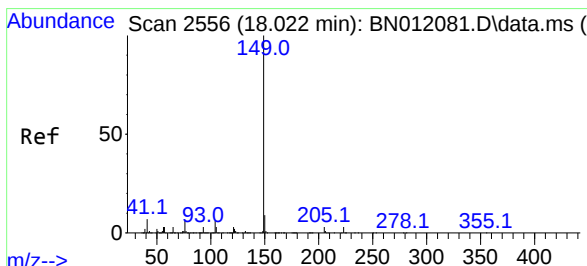
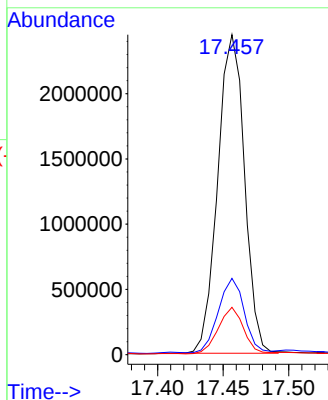
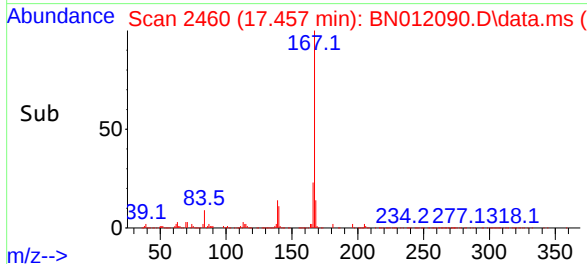
Instrument :
 BNA_N
 ClientSampled :
 C0AS2



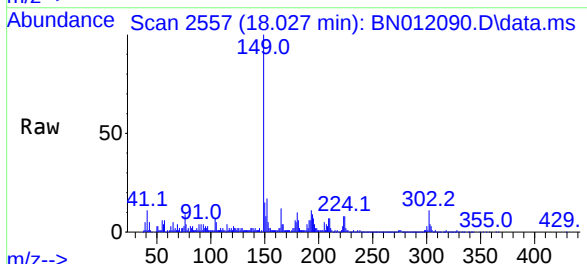
Tgt Ion:167 Resp: 3463410
 Ion Ratio Lower Upper
 167 100
 166 23.9 17.4 26.0
 139 14.8 10.9 16.3

Manual Integrations
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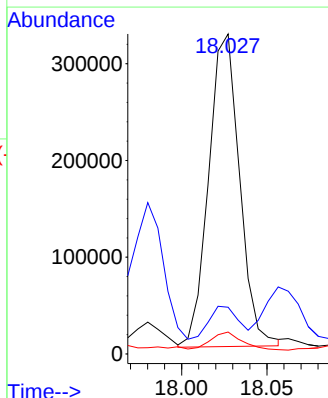
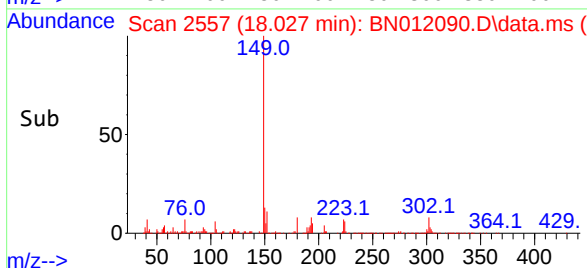
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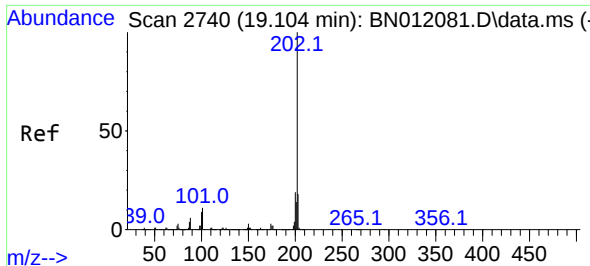


#76
 Di-n-butylphthalate
 Concen: 3.27 ng/ul
 RT: 18.027 min Scan# 2557
 Delta R.T. 0.006 min
 Lab File: BN012090.D
 Acq: 06 Oct 2020 14:17



Tgt Ion:149 Resp: 408977
 Ion Ratio Lower Upper
 149 100
 150 14.6 7.0 10.6#
 104 6.8 4.3 6.5#





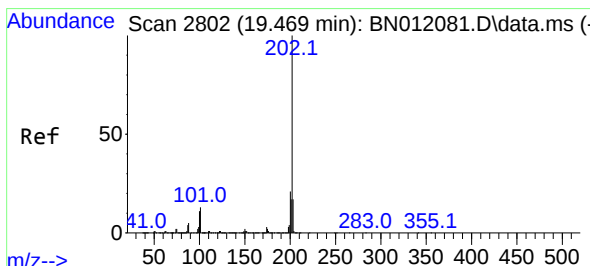
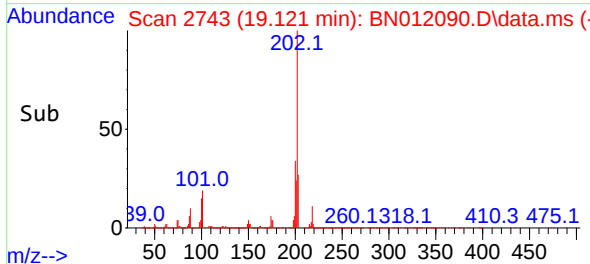
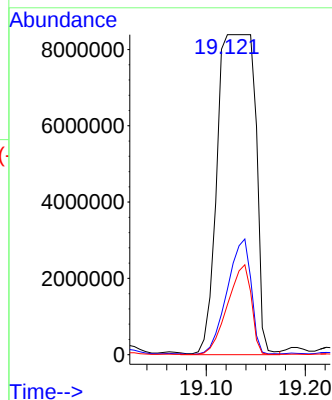
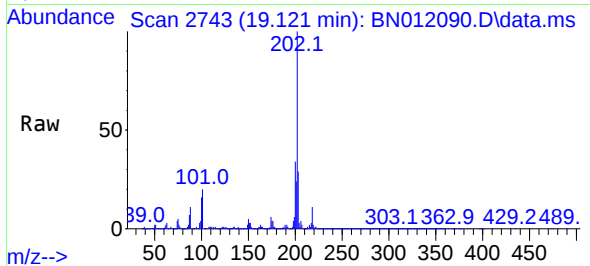
#77
Fluoranthene
Concen: 175.90 ng/ul m
RT: 19.121 min Scan# 2743
Delta R.T. 0.012 min
Lab File: BN012090.D
Acq: 06 Oct 2020 14:17

Tgt Ion:202 Resp:22210744
Ion Ratio Lower Upper
202 100
101 20.4 8.6 13.0#
100 15.6 6.6 9.8#

Instrument :
BNA_N
ClientSampled :
C0AS2

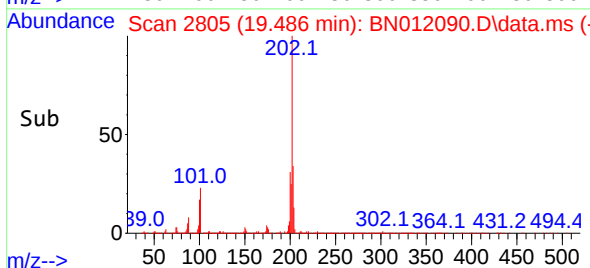
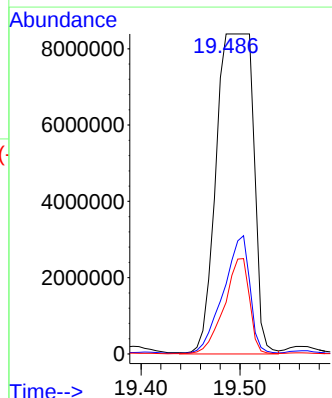
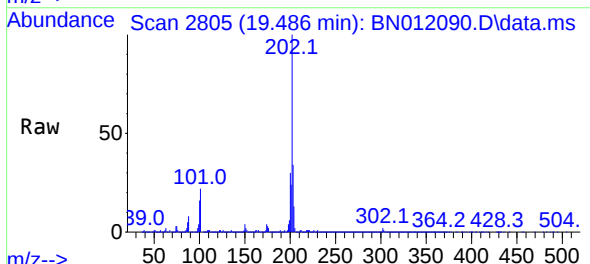
Manual Integrations
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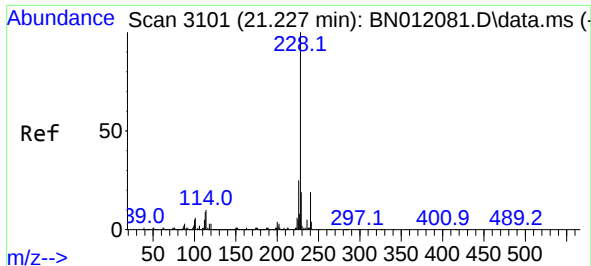
mohammad
10/7/2020 10:37:18 AM



#80
Pyrene
Concen: 174.27 ng/ul m
RT: 19.486 min Scan# 2805
Delta R.T. 0.012 min
Lab File: BN012090.D
Acq: 06 Oct 2020 14:17

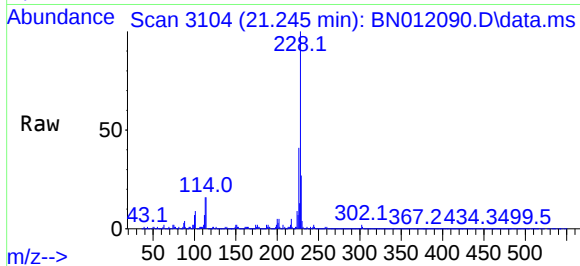
Tgt Ion:202 Resp:21873044
Ion Ratio Lower Upper
202 100
101 21.9 10.2 15.2#
100 16.2 8.8 13.2#





#83
Benzo(a)anthracene
Concen: 139.53 ng/u1
RT: 21.245 min Scan# 3104
Delta R.T. 0.018 min
Lab File: BN012090.D
Acq: 06 Oct 2020 14:17

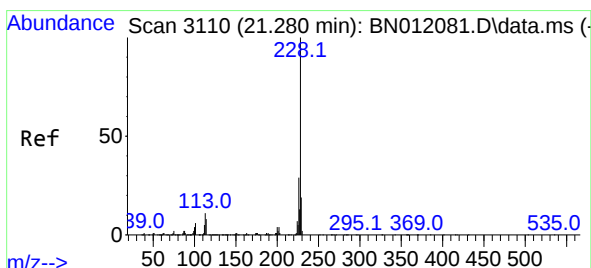
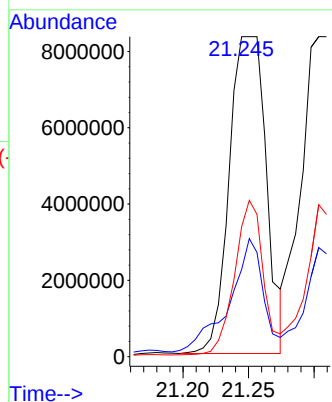
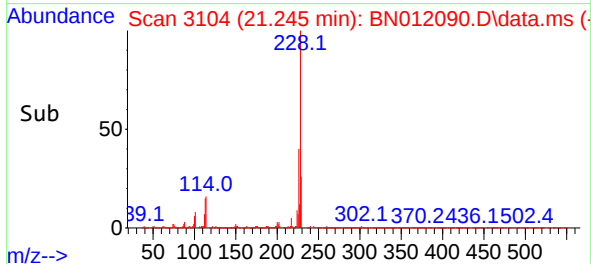
Instrument :
BNA_N
ClientSampled :
C0AS2



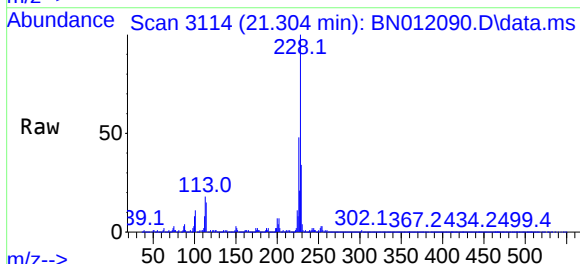
Tgt Ion:228 Resp:16355582
Ion Ratio Lower Upper
228 100
229 27.3 15.4 23.2#
226 40.6 21.2 31.8#

Manual Integrations
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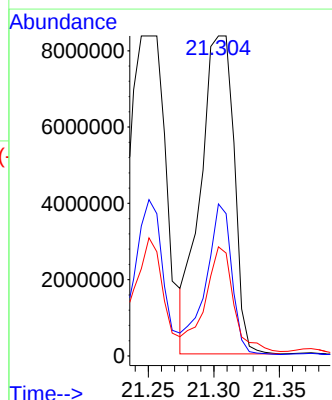
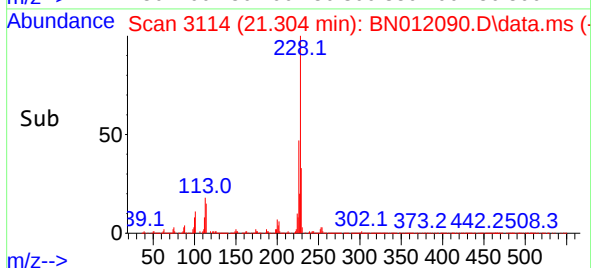
mohammad
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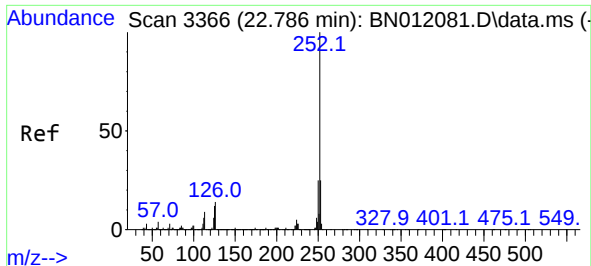


#85
Chrysene
Concen: 129.27 ng/u1
RT: 21.304 min Scan# 3114
Delta R.T. 0.024 min
Lab File: BN012090.D
Acq: 06 Oct 2020 14:17



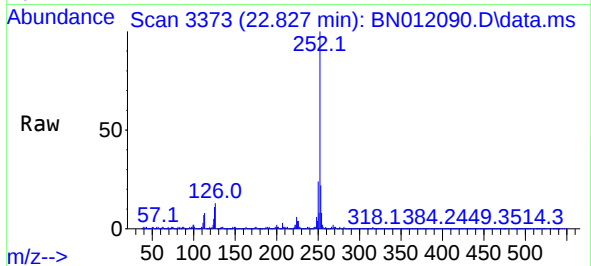
Tgt Ion:228 Resp:14896368
Ion Ratio Lower Upper
228 100
226 47.5 23.3 34.9#
229 34.1 15.0 22.4#





#88
Benzo(b)fluoranthene
Concen: 127.51 ng/ul
RT: 22.827 min Scan# 3373
Delta R.T. 0.035 min
Lab File: BN012090.D
Acq: 06 Oct 2020 14:17

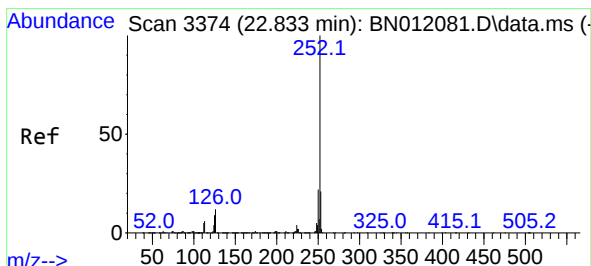
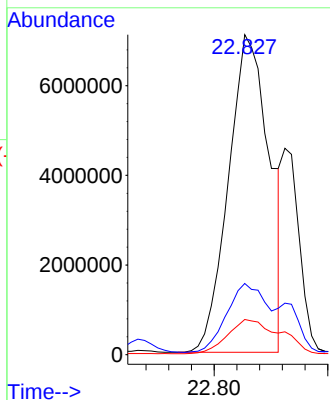
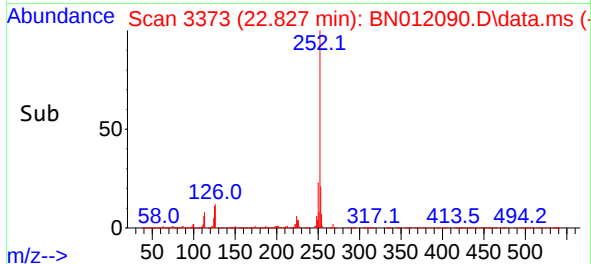
Instrument :
BNA_N
ClientSampled :
C0AS2



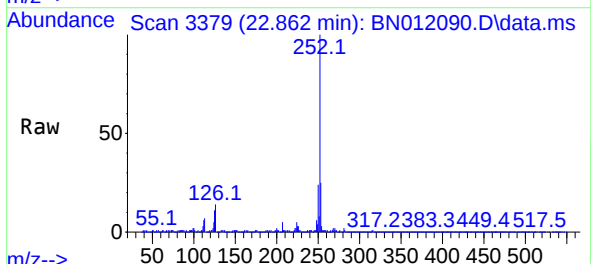
Tgt Ion:252 Resp:17737404
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 11.0 8.1 12.1

Manual Integrations
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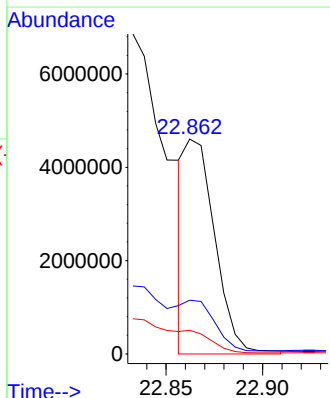
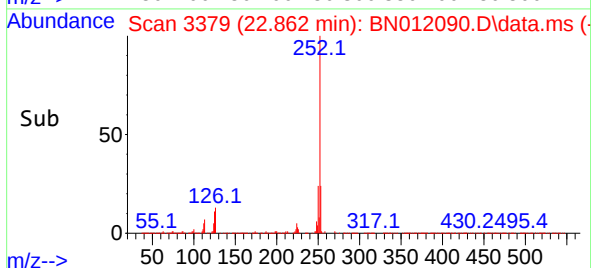
mohammad
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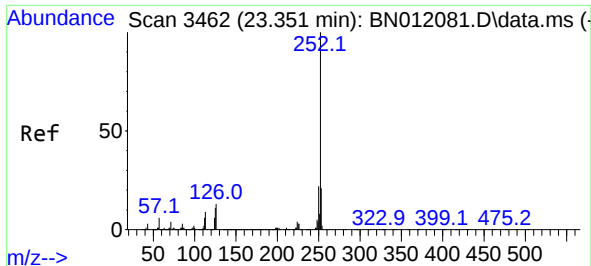


#89
Benzo(k)fluoranthene
Concen: 36.06 ng/ul m
RT: 22.862 min Scan# 3379
Delta R.T. 0.024 min
Lab File: BN012090.D
Acq: 06 Oct 2020 14:17



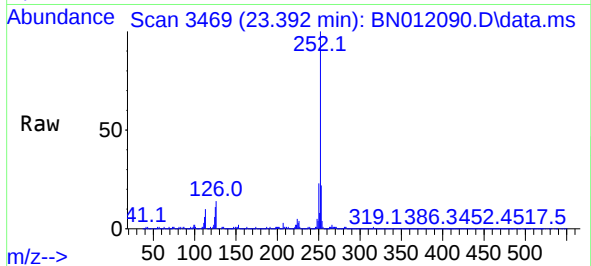
Tgt Ion:252 Resp: 4940625
Ion Ratio Lower Upper
252 100
253 25.0 18.1 27.1
125 11.1 7.7 11.5





#91
Benzo(a)pyrene
Concen: 105.24 ng/ul
RT: 23.392 min Scan# 3469
Delta R.T. 0.035 min
Lab File: BN012090.D
Acq: 06 Oct 2020 14:17

Instrument :
BNA_N
ClientSampled :
C0AS2

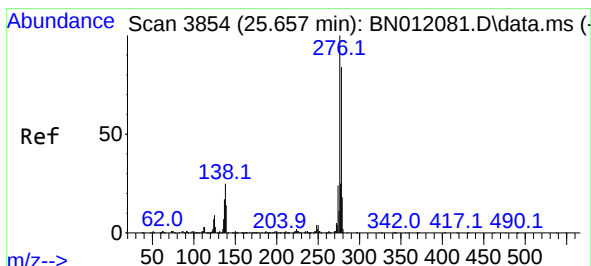
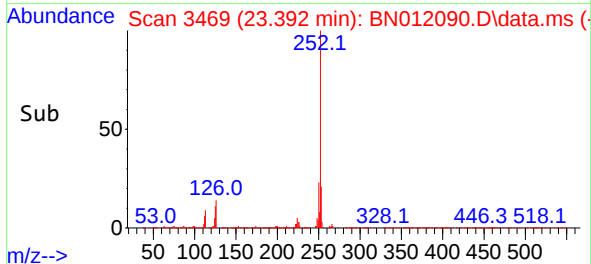
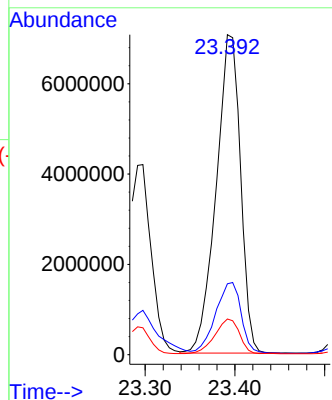


Tgt Ion:252 Resp:13279957

Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.6	24.8
125	11.2	9.0	13.6

Manual Integrations
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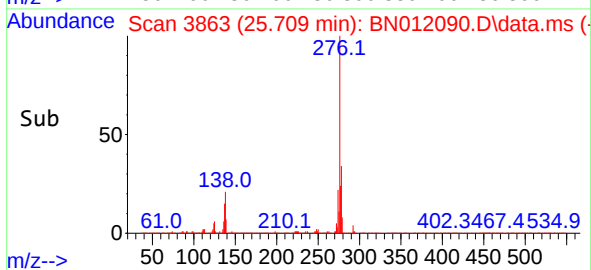
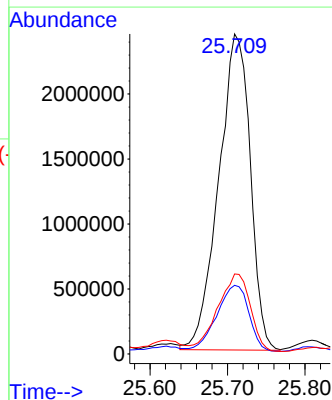
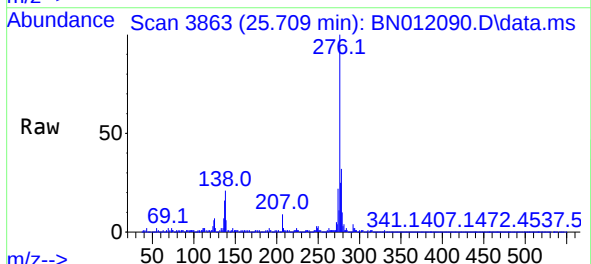
mohammad
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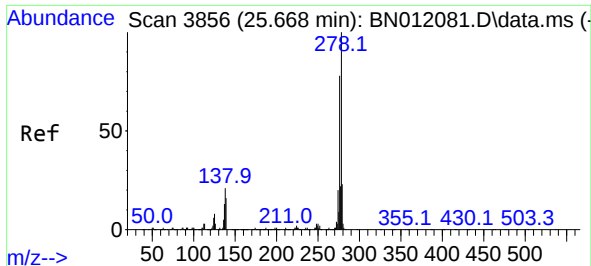


#92
Indeno(1,2,3-cd)pyrene
Concen: 42.83 ng/ul
RT: 25.709 min Scan# 3863
Delta R.T. 0.053 min
Lab File: BN012090.D
Acq: 06 Oct 2020 14:17

Tgt Ion:276 Resp: 6901164

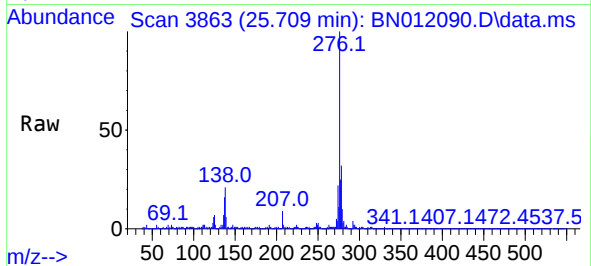
Ion	Ratio	Lower	Upper
276	100		
138	21.4	17.4	26.2
277	25.0	19.0	28.4





#93
Dibenzo(a,h)anthracene
Concen: 17.91 ng/ul
RT: 25.709 min Scan# 3863
Delta R.T. 0.035 min
Lab File: BN012090.D
Acq: 06 Oct 2020 14:17

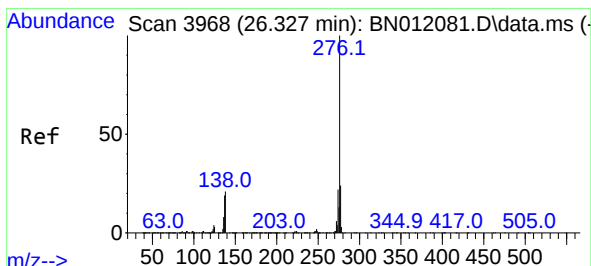
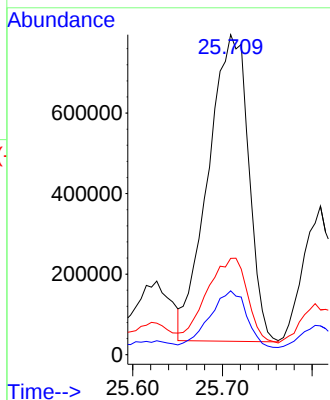
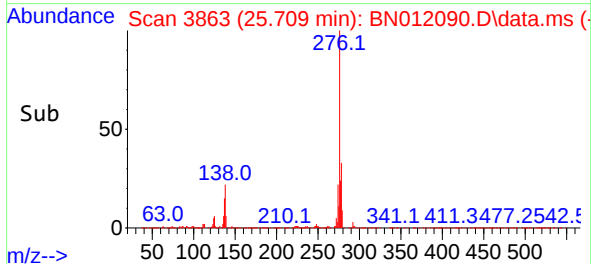
Instrument :
BNA_N
ClientSampleId :
C0AS2



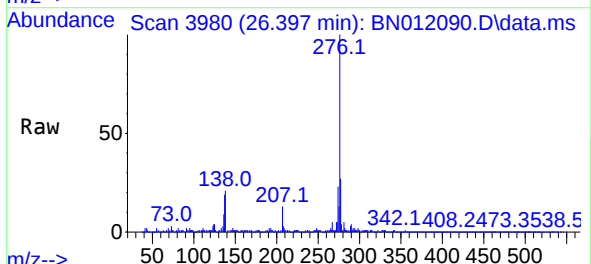
Tgt Ion:278 Resp: 2378086
Ion Ratio Lower Upper
278 100
139 20.0 12.2 18.2#
279 30.1 18.2 27.4#

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 39.39 ng/ul
RT: 26.397 min Scan# 3980
Delta R.T. 0.065 min
Lab File: BN012090.D
Acq: 06 Oct 2020 14:17



Tgt Ion:276 Resp: 5404834
Ion Ratio Lower Upper
276 100
138 20.9 16.7 25.1
277 27.2 19.0 28.6

