

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
 Data File : BN015340.D
 Acq On : 06 Jul 2021 16:11
 Operator : CG/JU
 Sample : M2795-16MS 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B1-0-2MS

Manual Integrations
 APPROVED

mohammad
 7/7/2021 8:35:53 AM

Quant Time: Jul 06 16:39:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.735	152	19371	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	90631	0.40	ng	# 0.00
13) Acenaphthene-d10	14.345	164	60553	0.40	ng	0.00
19) Phenanthrene-d10	17.103	188	104772	0.40	ng	# 0.01
29) Chrysene-d12	21.344	240	46137	0.40	ng	# 0.04
35) Perylene-d12	23.594	264	63397	0.40	ng	# 0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	7378	0.15	ng	0.00
5) Phenol-d6	6.914	99	9229	0.15	ng	0.01
8) Nitrobenzene-d5	8.873	82	11023	0.22	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	24645	0.16	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	3620	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	31379	0.13	ng	0.00
27) Fluoranthene-d10	19.152	212	65308m	0.21	ng	0.02
31) Terphenyl-d14	19.748	244	88444	0.82	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	1095	0.12	ng	# 1
3) n-Nitrosodimethylamine	3.668	42	3057	0.18	ng	# 1
6) bis(2-Chloroethyl)ether	7.181	93	108211	1.77	ng	# 39
9) Naphthalene	10.546	128	3134871	12.06	ng	98
10) Hexachlorobutadiene	10.838	225	7723	0.16	ng	# 98
12) 2-Methylnaphthalene	12.163	142	1065574	6.39	ng	# 89
16) Acenaphthylene	14.066	152	1964632	7.32	ng	97
17) Acenaphthene	14.408	154	2453637	13.05	ng	95
18) Fluorene	15.398	166	2551568	11.14	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.550	198	1398m	0.82	ng	
21) 4-Bromophenyl-phenylether	16.287	248	11404	0.17	ng	# 1
22) Hexachlorobenzene	16.421	284	11038	0.15	ng	# 79
23) Atrazine	16.579	200	13748	0.41	ng	# 67
24) Pentachlorophenol	16.774	266	10068	0.97	ng	100
25) Phenanthrene	17.176	178	19074499	56.53	ng	# 96
26) Anthracene	17.249	178	7842013	27.11	ng	# 93
28) Fluoranthene	19.222	202	21349273	58.86	ng	# 94
30) Pyrene	19.589	202	19896614	113.34	ng	# 81
32) Benzo(a)anthracene	21.323	228	12736603	80.48	ng	96
33) Chrysene	21.376	228	11107166m	64.43	ng	
34) Bis(2-ethylhexyl)phtha...	21.238	149	88864	1.50	ng	# 29
36) Indeno(1,2,3-cd)pyrene	25.867	276	3148699	13.86	ng	# 91
37) Benzo(b)fluoranthene	22.940	252	10989875	44.22	ng	# 95
38) Benzo(k)fluoranthene	22.971	252	4837031m	18.23	ng	
39) Benzo(a)pyrene	23.515	252	8559236	37.66	ng	# 98
40) Dibenzo(a,h)anthracene	25.867	278	1014792	5.70	ng	# 89
41) Benzo(g,h,i)perylene	26.558	276	2753385	14.00	ng	# 91

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

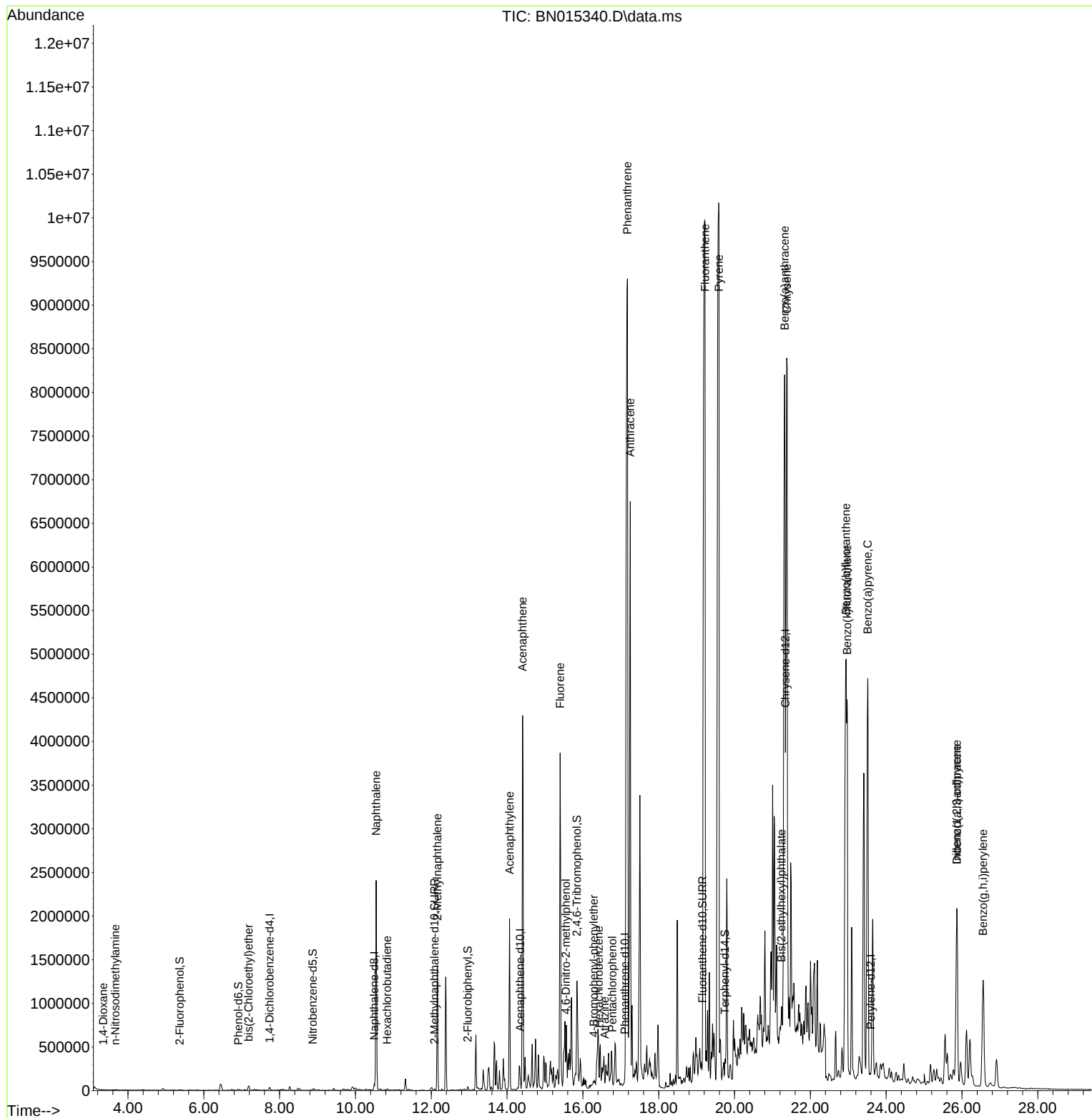
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
Data File : BN015340.D
Acq On : 06 Jul 2021 16:11
Operator : CG/JU
Sample : M2795-16MS 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
B1-0-2MS

Manual Integrations
APPROVED

mohammad
7/7/2021 8:35:53 AM

Quant Time: Jul 06 16:39:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration





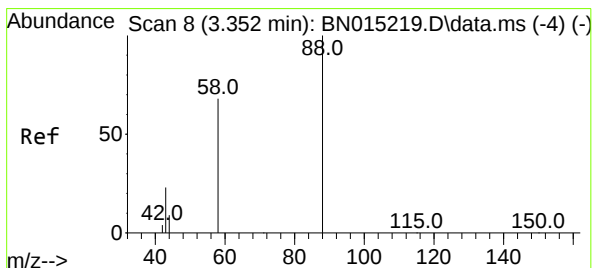
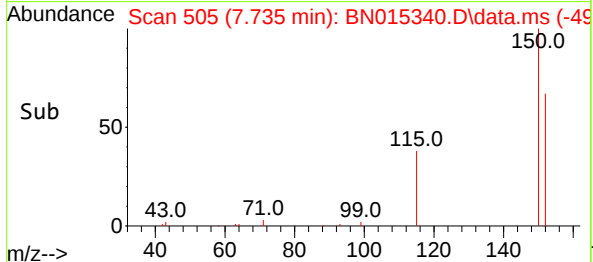
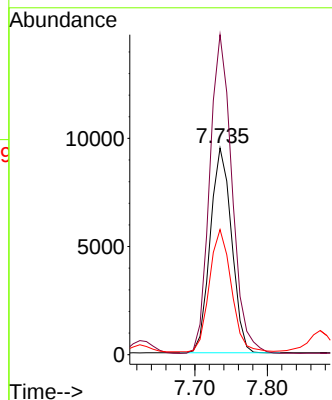
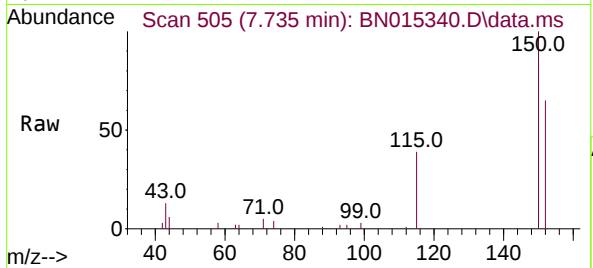
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.735 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: BN015340.D
 Acq: 06 Jul 2021 16:11

Tgt Ion: 152 Resp: 19371
 Ion Ratio Lower Upper
 152 100
 150 154.8 119.0 178.6
 115 60.5 62.2 93.4#

Instrument :
 BNA_N
 ClientSampled :
 B1-0-2MS

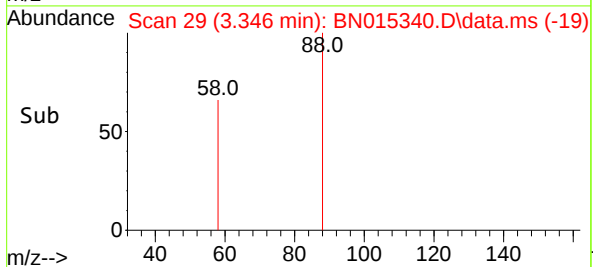
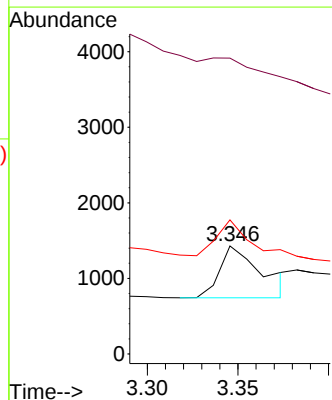
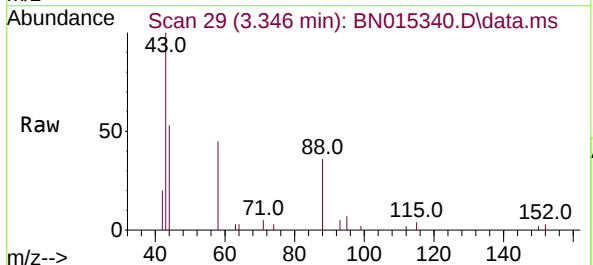
Manual Integrations
 APPROVED

mohammad
 7/7/2021 8:35:53 AM



#2
 1,4-Dioxane
 Concen: 0.12 ng
 RT: 3.346 min Scan# 29
 Delta R.T. -0.006 min
 Lab File: BN015340.D
 Acq: 06 Jul 2021 16:11

Tgt Ion: 88 Resp: 1095
 Ion Ratio Lower Upper
 88 100
 43 0.0 12.9 19.3#
 58 161.3 38.1 57.1#





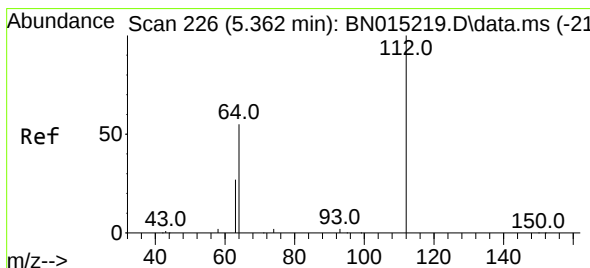
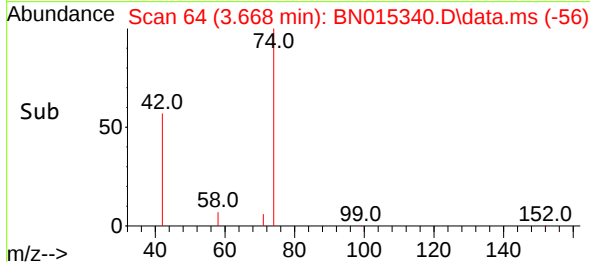
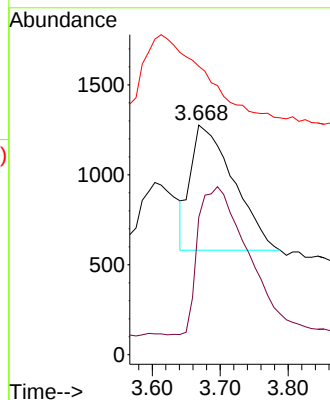
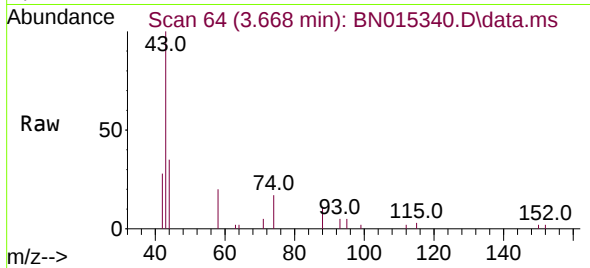
#3
n-Nitrosodimethylamine
Concen: 0.18 ng
RT: 3.668 min Scan# 64
Delta R.T. -0.025 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

Tgt Ion: 42 Resp: 3057
Ion Ratio Lower Upper
42 100
74 0.0 149.5 224.3#
44 0.0 4.2 6.2#

Instrument :
BNA_N
ClientSampleId :
B1-0-2MS

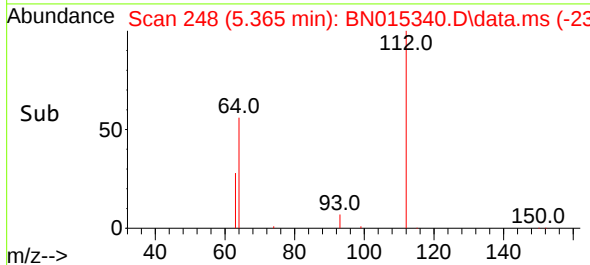
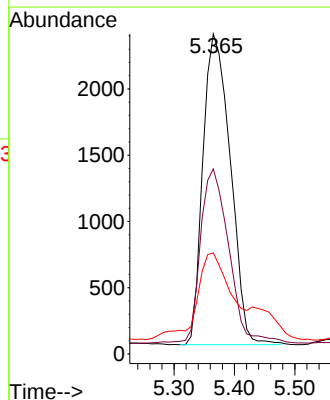
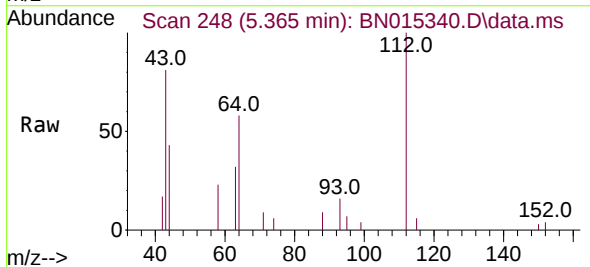
Manual Integrations
APPROVED

mohammad
7/7/2021 8:35:53 AM



#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

Tgt Ion: 112 Resp: 7378
Ion Ratio Lower Upper
112 100
64 56.6 39.0 58.6
63 28.4 20.6 30.8





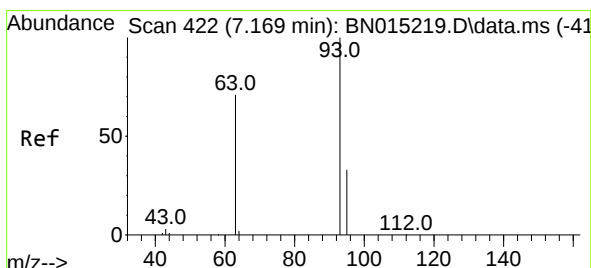
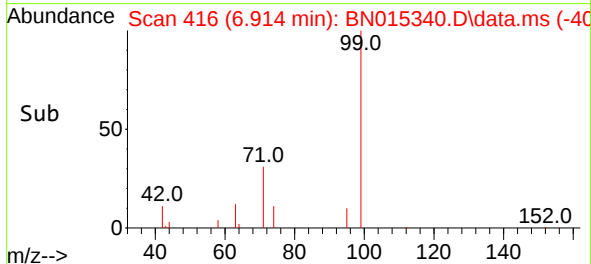
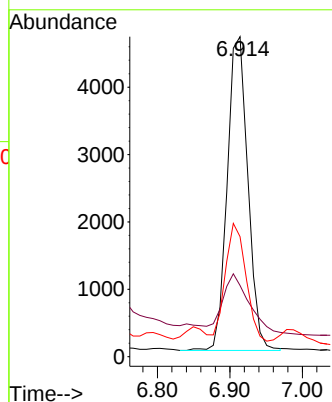
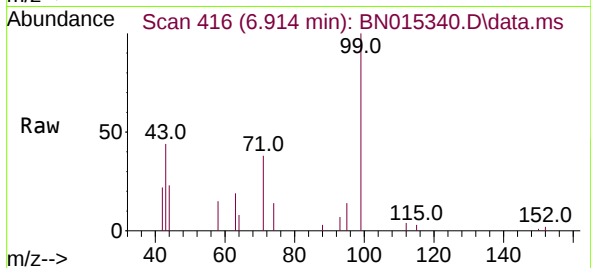
#5
Phenol-d6
Concen: 0.15 ng
RT: 6.914 min Scan# 416
Delta R.T. 0.012 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

Tgt Ion: 99 Resp: 9229
Ion Ratio Lower Upper
99 100
42 23.0 8.9 13.3#
71 37.1 35.6 53.4

Instrument :
BNA_N
ClientSampleId :
B1-0-2MS

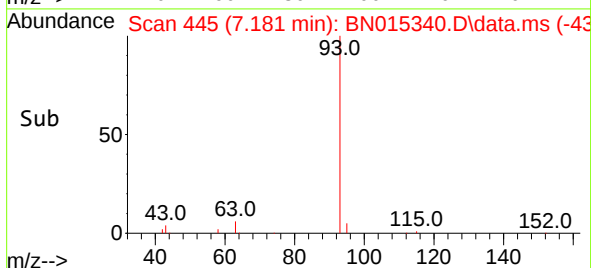
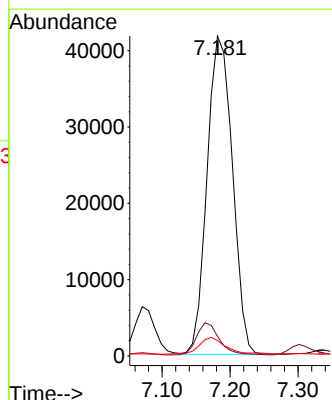
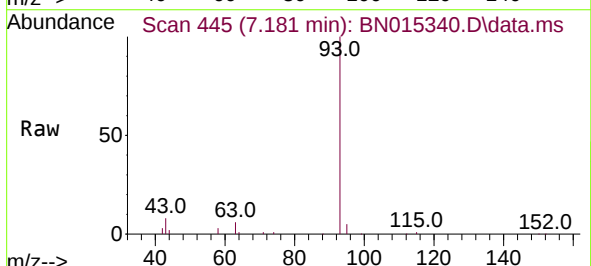
Manual Integrations
APPROVED

mohammad
7/7/2021 8:35:53 AM



#6
bis(2-Chloroethyl)ether
Concen: 1.77 ng
RT: 7.181 min Scan# 445
Delta R.T. 0.012 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

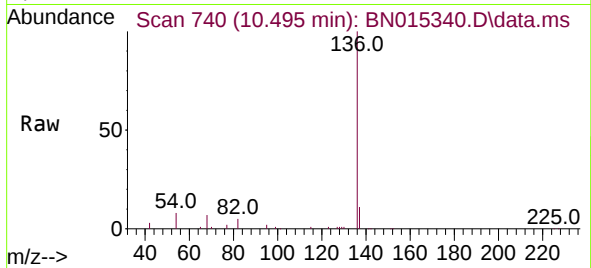
Tgt Ion: 93 Resp: 108211
Ion Ratio Lower Upper
93 100
63 9.1 46.6 70.0#
95 5.6 28.6 42.8#





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

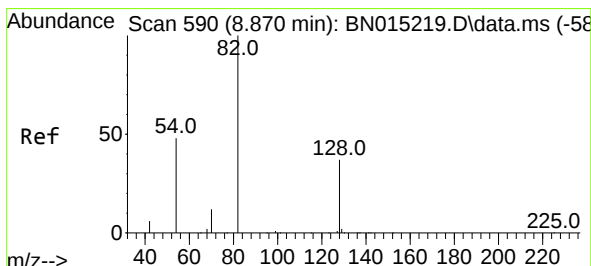
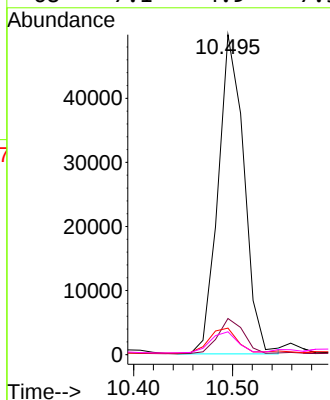
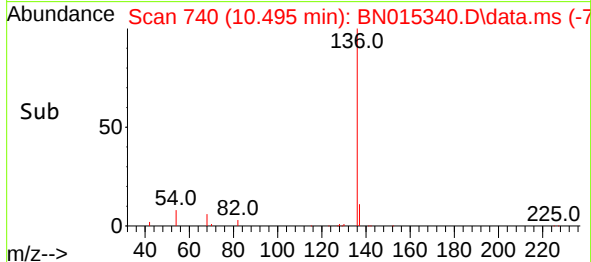
Instrument :
BNA_N
ClientSampleId :
B1-0-2MS



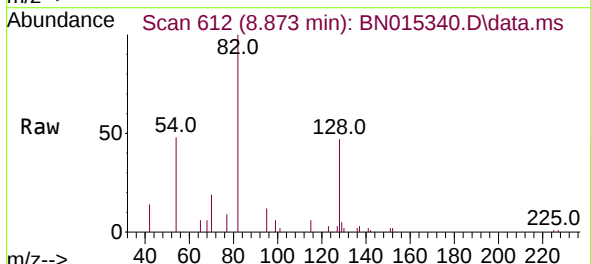
Tgt Ion:136 Resp: 90631
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.8
54 8.3 5.4 8.2#
68 7.1 4.9 7.3

Manual Integrations
APPROVED

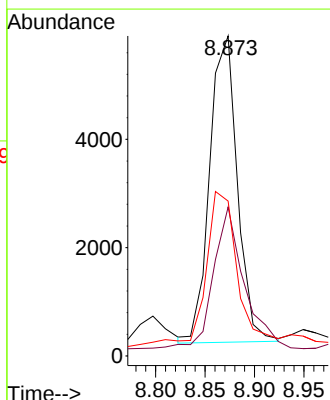
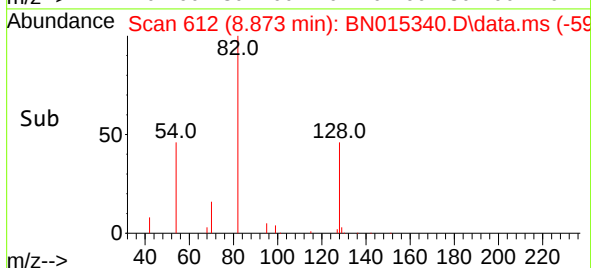
mohammad
7/7/2021 8:35:53 AM

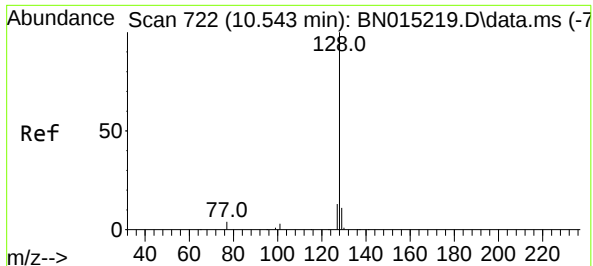


#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11



Tgt Ion: 82 Resp: 11023
Ion Ratio Lower Upper
82 100
128 46.6 31.6 47.4
54 48.4 29.0 43.4#





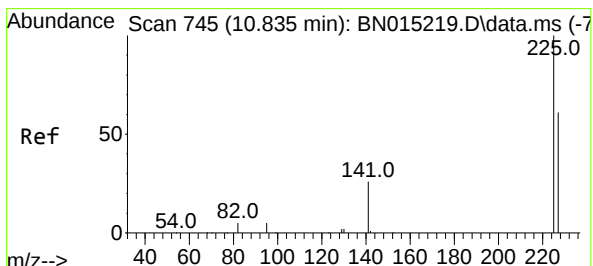
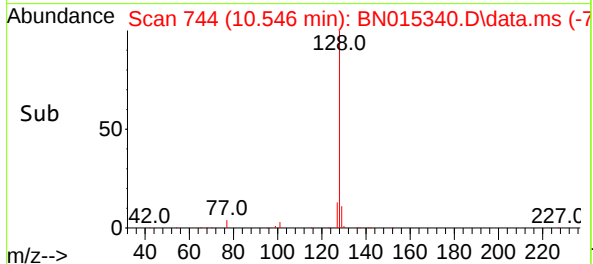
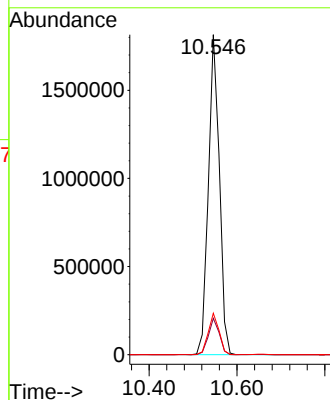
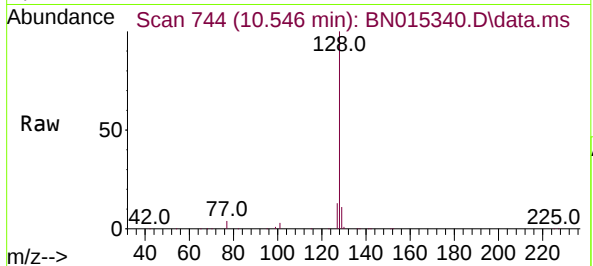
#9
Naphthalene
Concen: 12.06 ng
RT: 10.546 min Scan# 744
Delta R.T. 0.003 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

Tgt Ion:128 Resp: 3134871
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.0 11.8 17.6

Instrument :
BNA_N
ClientSampleId :
B1-0-2MS

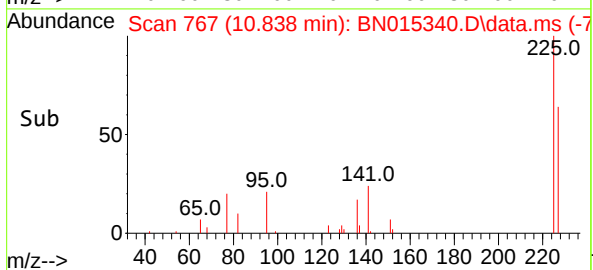
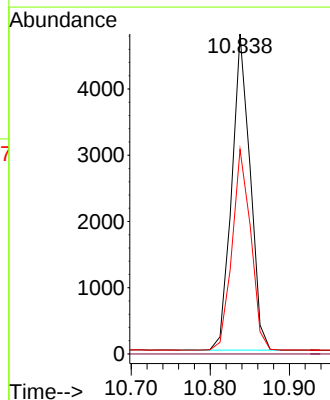
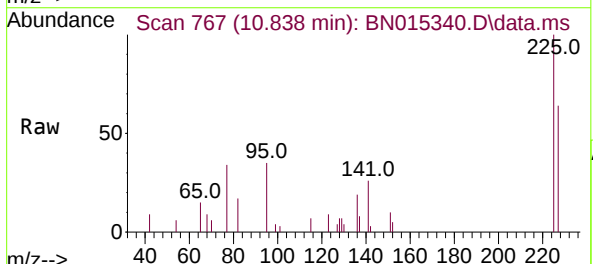
Manual Integrations
APPROVED

mohammad
7/7/2021 8:35:53 AM



#10
Hexachlorobutadiene
Concen: 0.16 ng
RT: 10.838 min Scan# 767
Delta R.T. 0.003 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

Tgt Ion:225 Resp: 7723
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.4 50.2 75.2





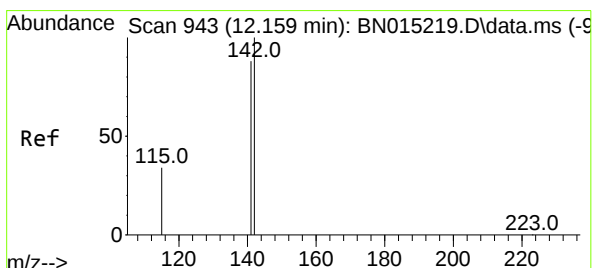
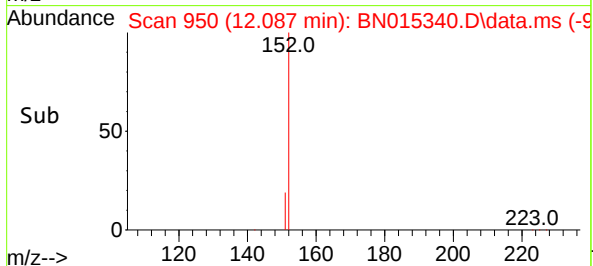
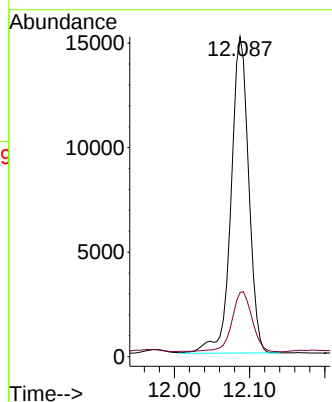
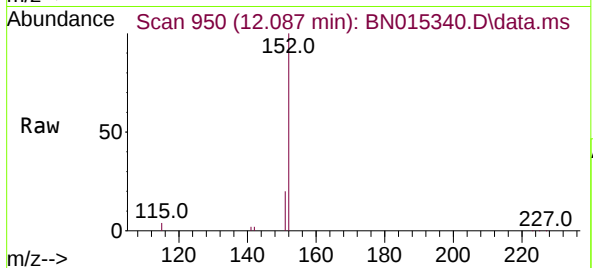
#11
2-Methylnaphthalene-d10
Concen: 0.16 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

Tgt Ion:152 Resp: 24645
Ion Ratio Lower Upper
152 100
151 21.8 16.7 25.1

Instrument :
BNA_N
ClientSampleId :
B1-0-2MS

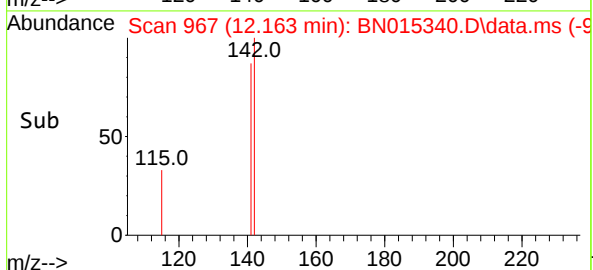
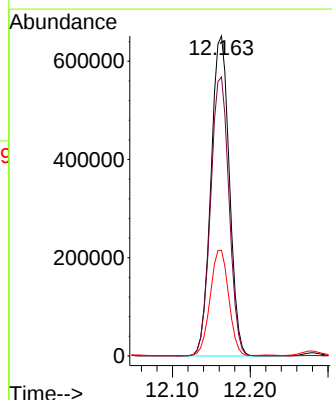
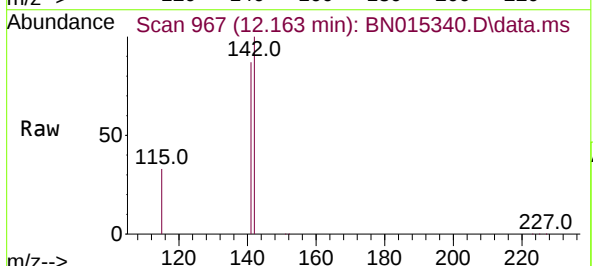
Manual Integrations
APPROVED

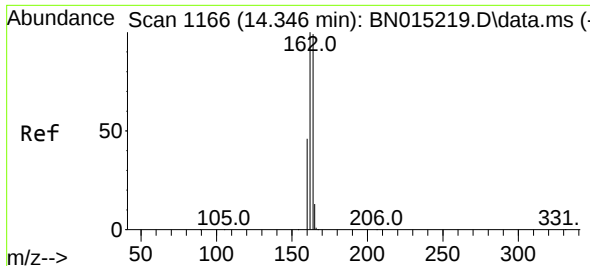
mohammad
7/7/2021 8:35:53 AM



#12
2-Methylnaphthalene
Concen: 6.39 ng
RT: 12.163 min Scan# 967
Delta R.T. 0.004 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

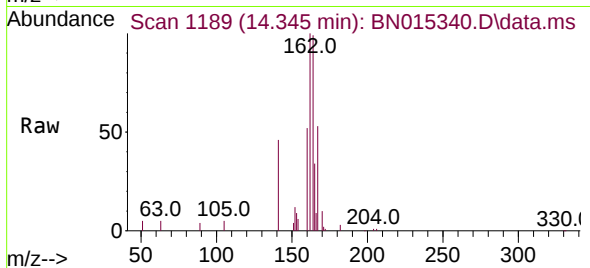
Tgt Ion:142 Resp: 1065574
Ion Ratio Lower Upper
142 100
141 87.2 72.3 108.5
115 33.0 40.7 61.1#





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

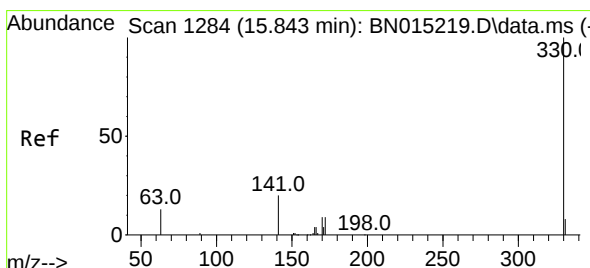
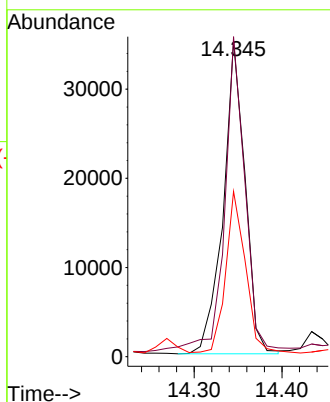
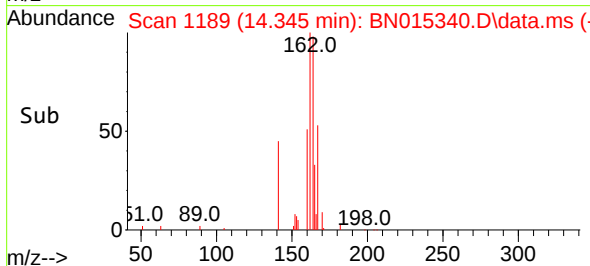
Instrument :
BNA_N
ClientSampleId :
B1-0-2MS



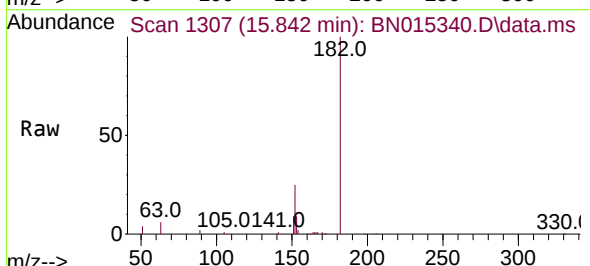
Tgt Ion:164 Resp: 60553
Ion Ratio Lower Upper
164 100
162 101.3 83.8 125.6
160 52.3 37.4 56.0

Manual Integrations
APPROVED

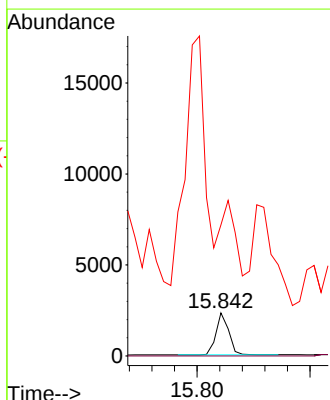
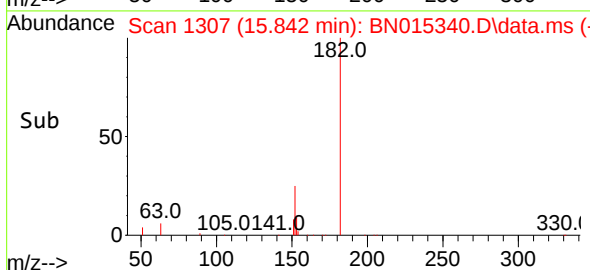
mohammad
7/7/2021 8:35:53 AM



#14
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11



Tgt Ion:330 Resp: 3620
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 0.0 22.4 33.6#





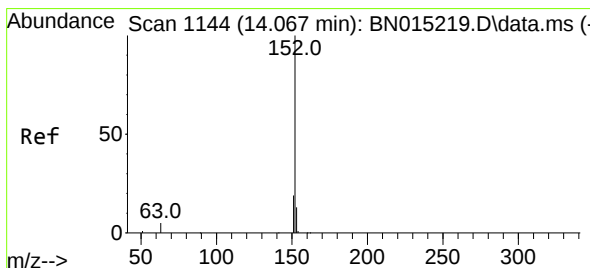
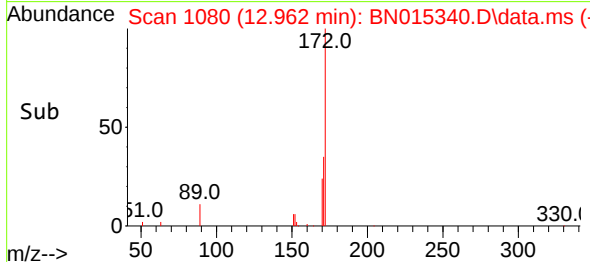
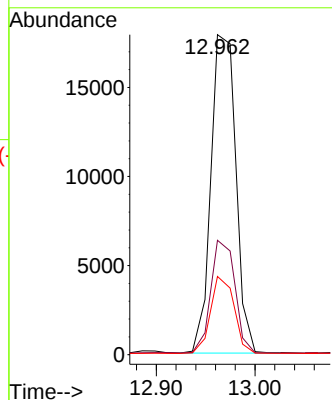
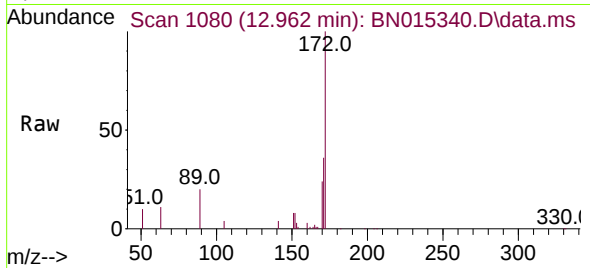
#15
2-Fluorobiphenyl
Concen: 0.13 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

Tgt Ion:172 Resp: 31379
Ion Ratio Lower Upper
172 100
171 35.7 30.6 45.8
170 24.4 20.2 30.4

Instrument :
BNA_N
ClientSampleId :
B1-0-2MS

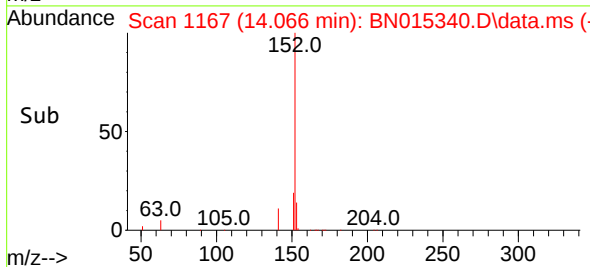
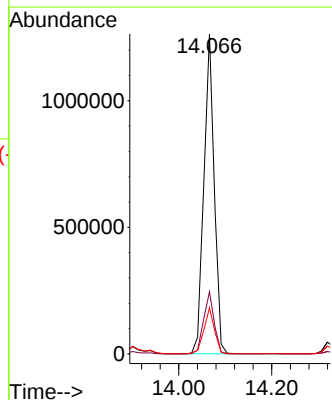
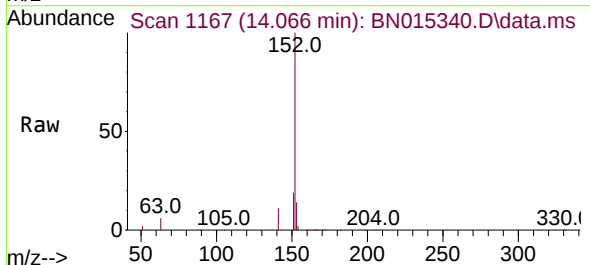
Manual Integrations
APPROVED

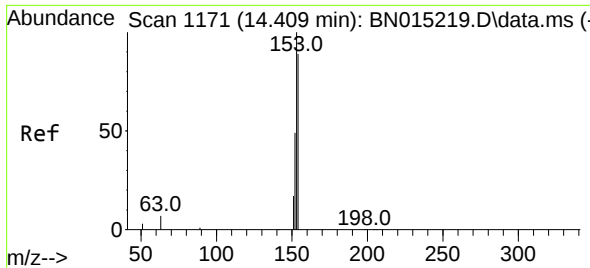
mohammad
7/7/2021 8:35:53 AM



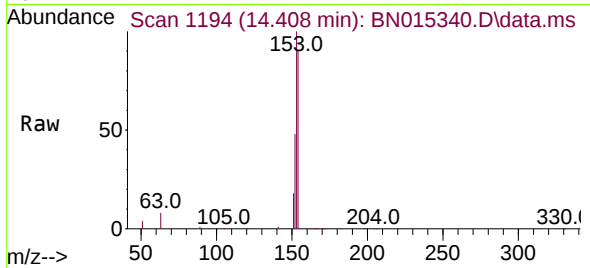
#16
Acenaphthylene
Concen: 7.32 ng
RT: 14.066 min Scan# 1167
Delta R.T. -0.001 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

Tgt Ion:152 Resp: 1964632
Ion Ratio Lower Upper
152 100
151 19.5 16.7 25.1
153 14.7 10.5 15.7

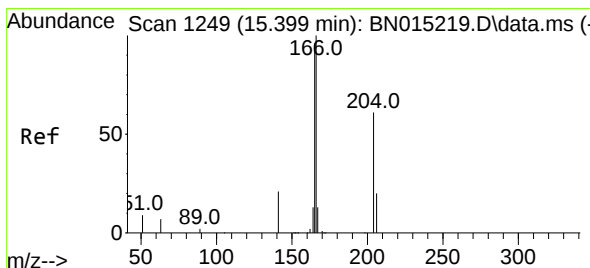
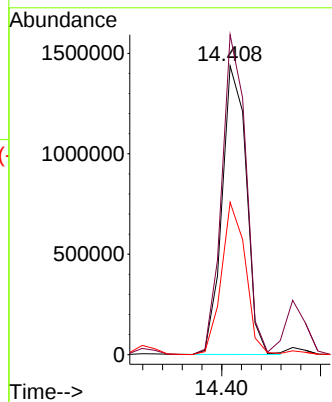
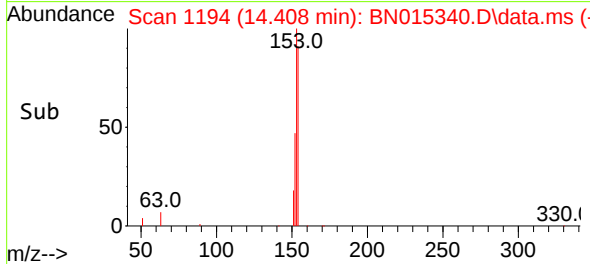




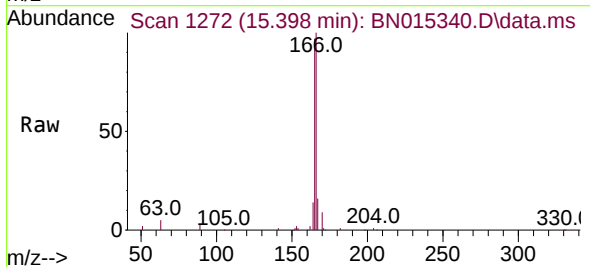
#17
Acenaphthene
Concen: 13.05 ng
RT: 14.408 min Scan# 1194
Delta R.T. -0.001 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11



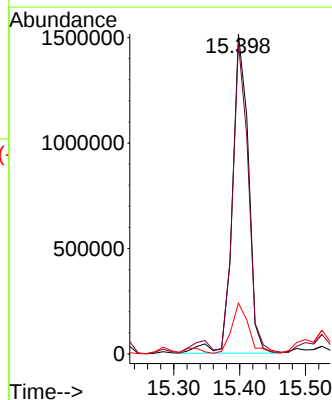
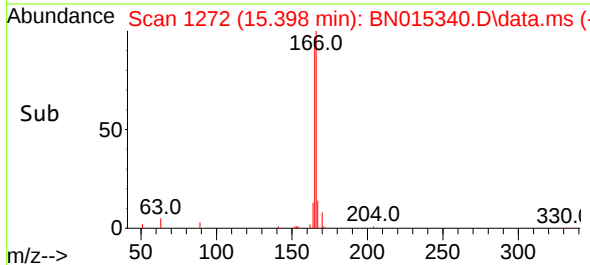
Tgt Ion:154 Resp: 2453637
Ion Ratio Lower Upper
154 100
153 110.0 90.9 136.3
152 52.1 45.8 68.8



#18
Fluorene
Concen: 11.14 ng
RT: 15.398 min Scan# 1272
Delta R.T. -0.001 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11



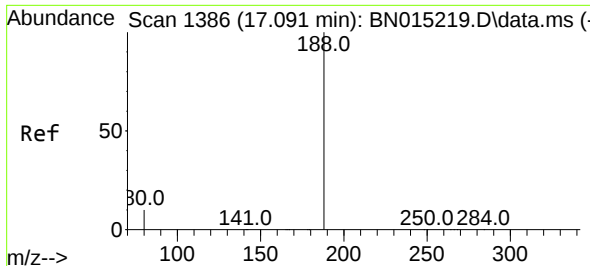
Tgt Ion:166 Resp: 2551568
Ion Ratio Lower Upper
166 100
165 93.5 79.2 118.8
167 16.7 10.7 16.1#



Instrument :
BNA_N
ClientSampleId :
B1-0-2MS

Manual Integrations
APPROVED

mohammad
7/7/2021 8:35:53 AM



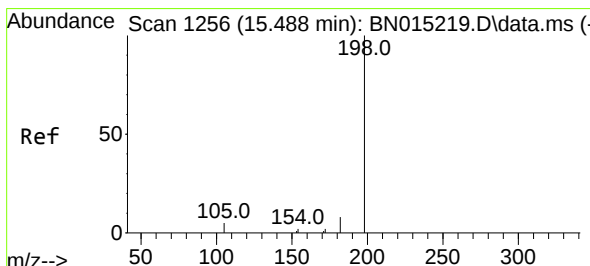
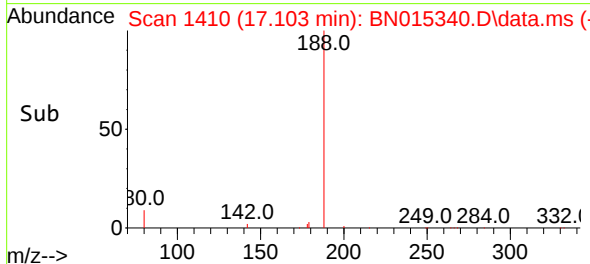
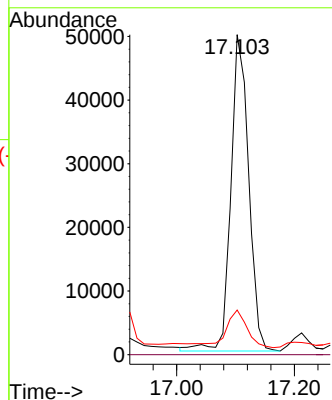
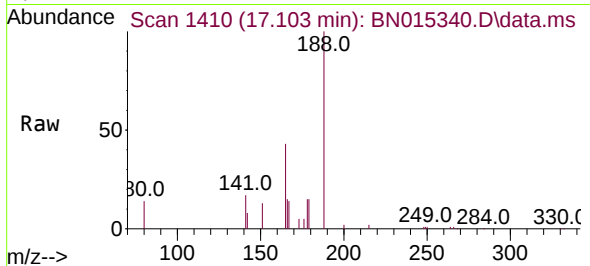
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.103 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

Tgt Ion:188 Resp: 104772
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 9.0 13.4#

Instrument :
BNA_N
ClientSampleId :
B1-0-2MS

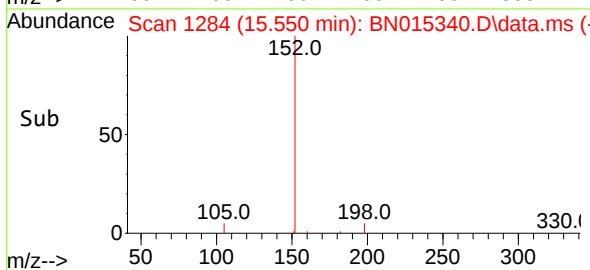
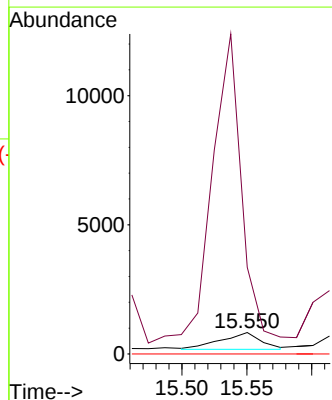
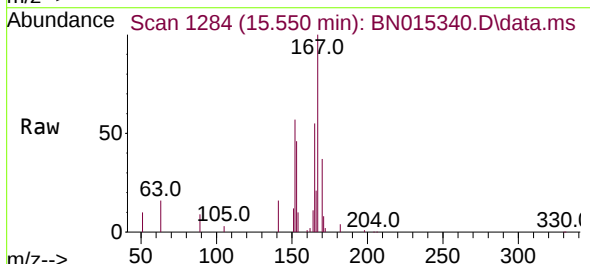
Manual Integrations
APPROVED

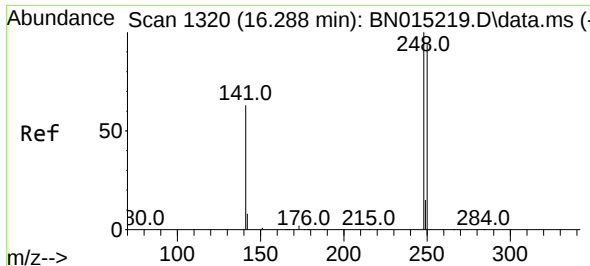
mohammad
7/7/2021 8:35:53 AM



#20
4,6-Dinitro-2-methylphenol
Concen: 0.82 ng m
RT: 15.550 min Scan# 1284
Delta R.T. 0.062 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

Tgt Ion:198 Resp: 1398
Ion Ratio Lower Upper
198 100
182 402.9 34.5 51.7#
77 0.0 0.0 0.0





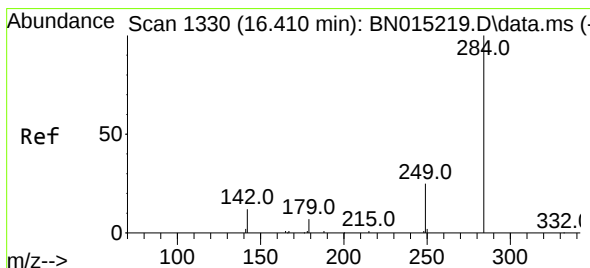
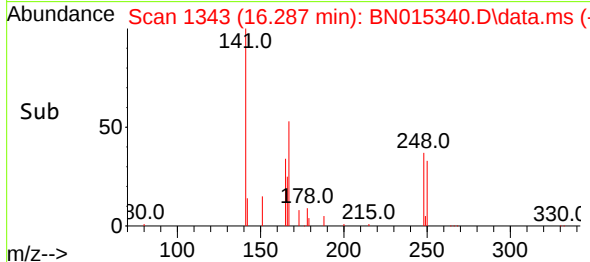
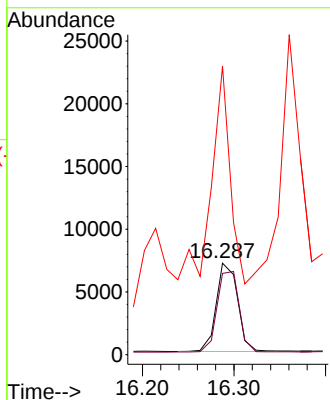
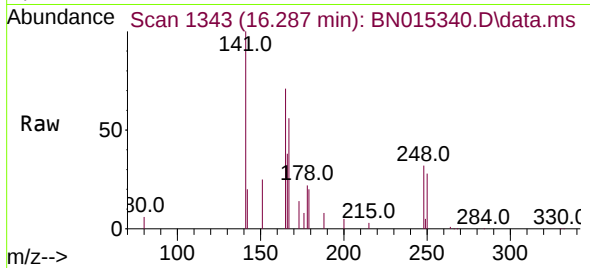
#21
4-Bromophenyl-phenylether
Concen: 0.17 ng
RT: 16.287 min Scan# 1343
Delta R.T. -0.001 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	88.9	86.2	129.4
141	315.5	36.2	54.2#

Instrument :
BNA_N
ClientSampled :
B1-0-2MS

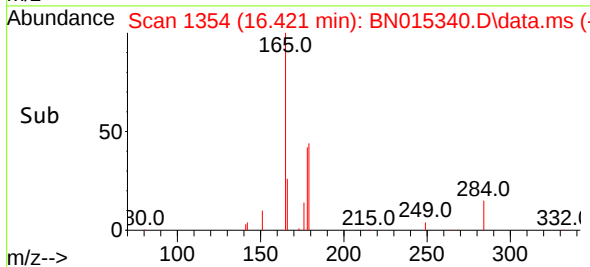
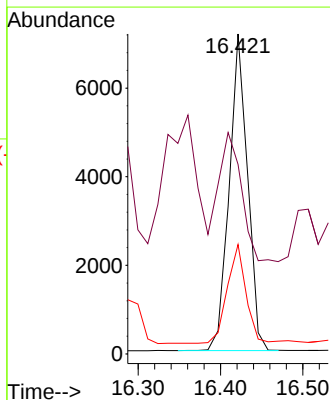
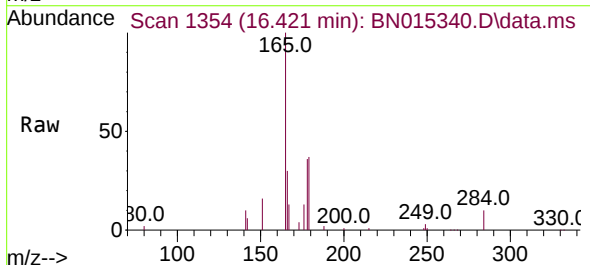
Manual Integrations
APPROVED

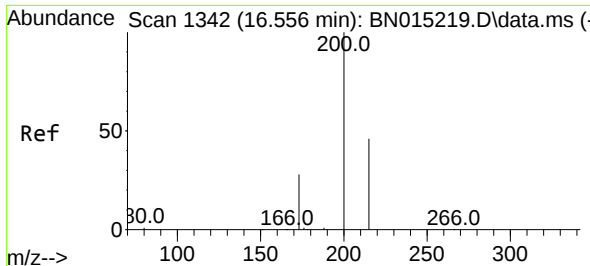
mohammad
7/7/2021 8:35:53 AM



#22
Hexachlorobenzene
Concen: 0.15 ng
RT: 16.421 min Scan# 1354
Delta R.T. 0.011 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	50.3	22.2	33.2#
249	31.9	26.6	39.8





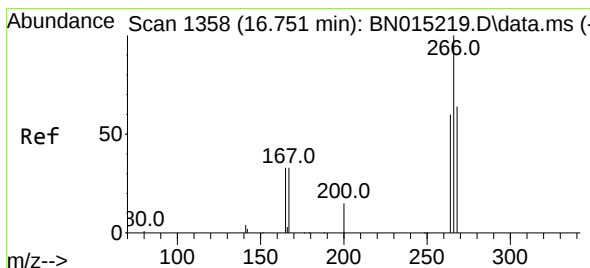
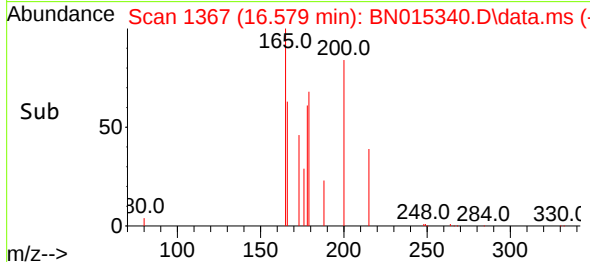
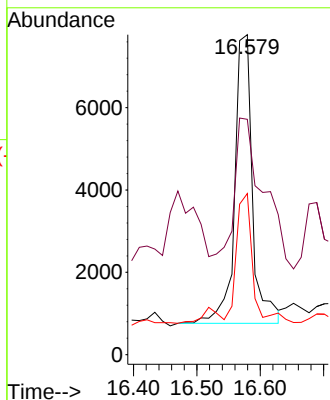
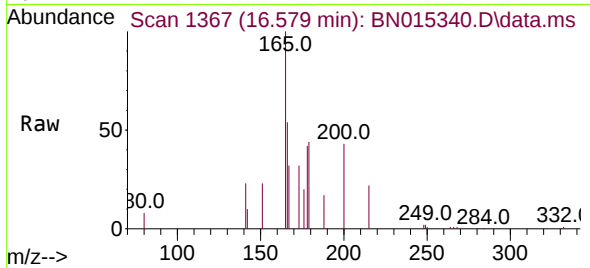
#23
Atrazine
Concen: 0.41 ng
RT: 16.579 min Scan# 1367
Delta R.T. 0.023 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

Tgt Ion:200 Resp: 13748
Ion Ratio Lower Upper
200 100
173 73.5 21.7 32.5#
215 50.3 43.1 64.7

Instrument :
BNA_N
ClientSampleId :
B1-0-2MS

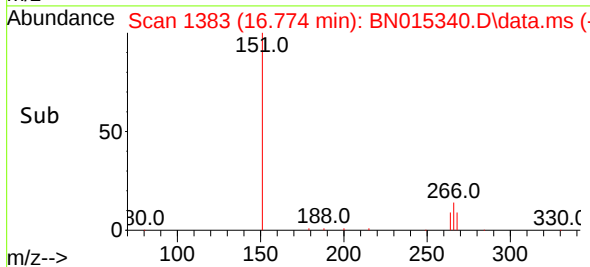
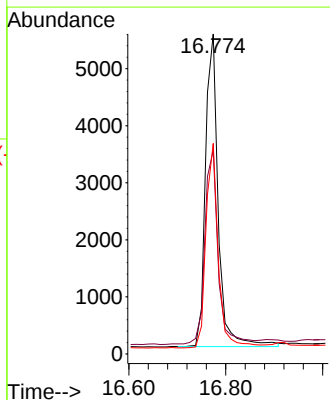
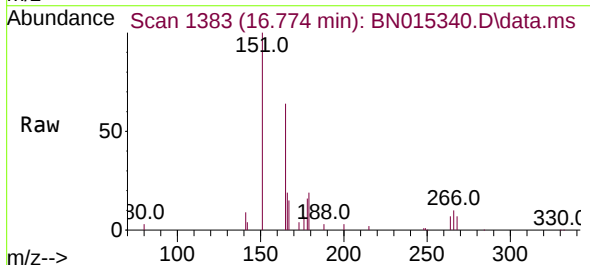
Manual Integrations
APPROVED

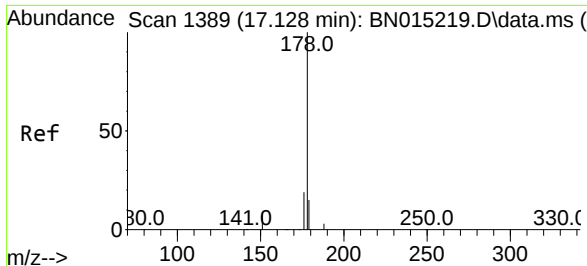
mohammad
7/7/2021 8:35:53 AM



#24
Pentachlorophenol
Concen: 0.97 ng
RT: 16.774 min Scan# 1383
Delta R.T. 0.023 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

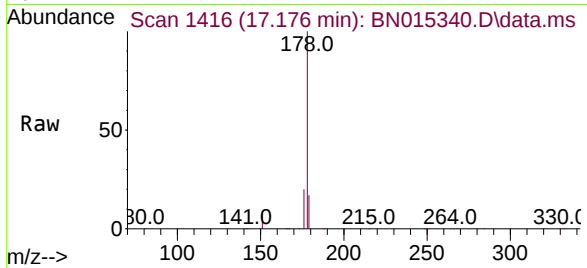
Tgt Ion:266 Resp: 10068
Ion Ratio Lower Upper
266 100
264 63.7 51.0 76.4
268 63.2 50.6 76.0





#25
Phenanthrene
Concen: 56.53 ng
RT: 17.176 min Scan# 1416
Delta R.T. 0.048 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

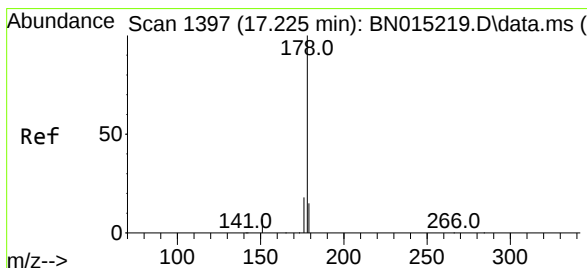
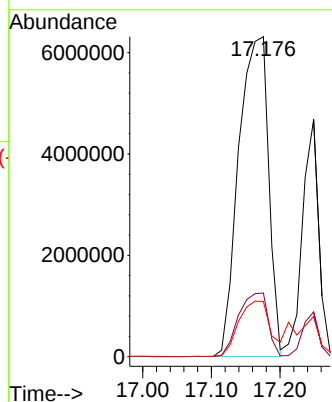
Instrument :
BNA_N
ClientSampleId :
B1-0-2MS



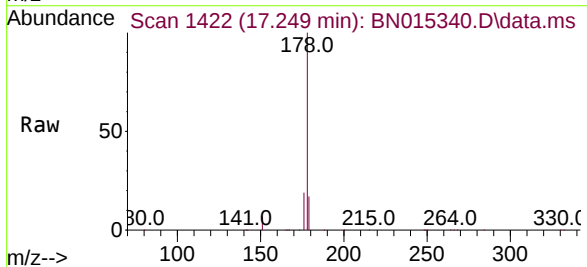
Tgt Ion:178 Resp:19074499
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 18.4 12.1 18.1#

Manual Integrations
APPROVED

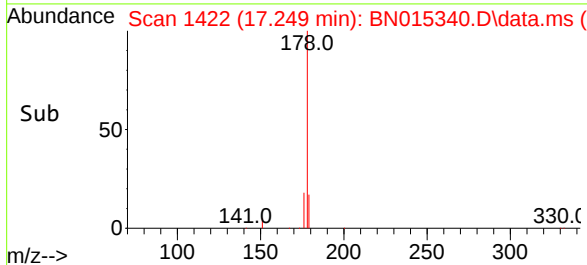
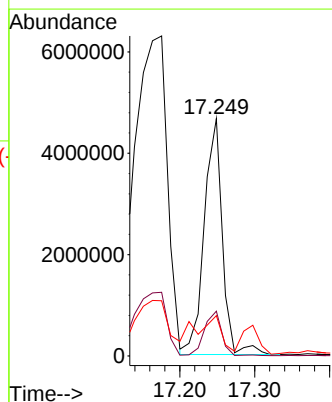
mohammad
7/7/2021 8:35:53 AM

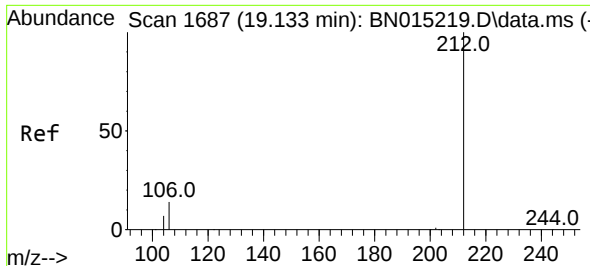


#26
Anthracene
Concen: 27.11 ng
RT: 17.249 min Scan# 1422
Delta R.T. 0.024 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11



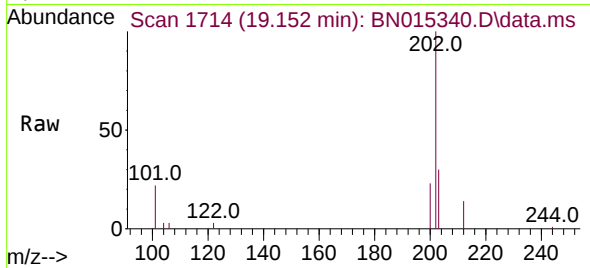
Tgt Ion:178 Resp: 7842013
Ion Ratio Lower Upper
178 100
176 18.2 15.1 22.7
179 21.2 12.2 18.2#





#27
Fluoranthene-d10
Concen: 0.21 ng m
RT: 19.152 min Scan# 1714
Delta R.T. 0.019 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

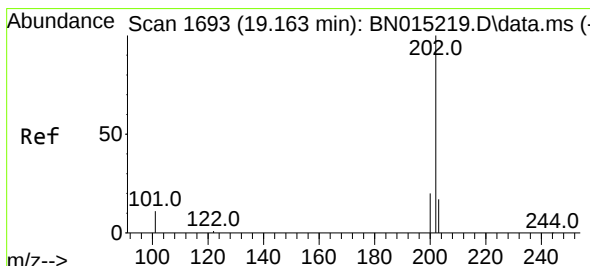
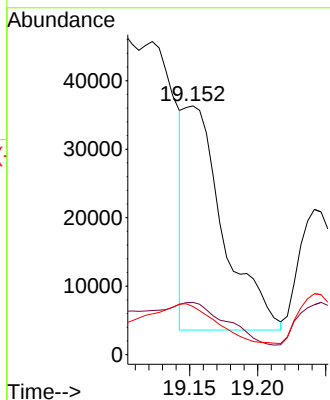
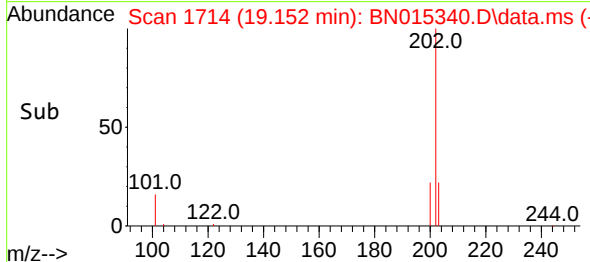
Instrument :
BNA_N
ClientSampleId :
B1-0-2MS



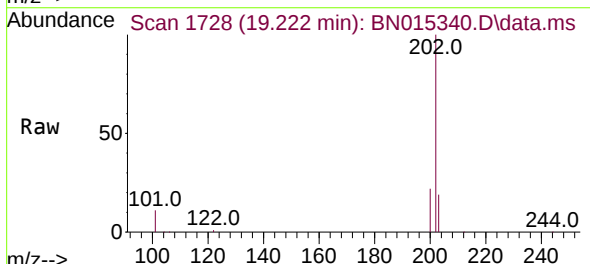
Tgt Ion:212 Resp: 65308
Ion Ratio Lower Upper
212 100
106 0.0 7.0 10.6#
104 0.0 4.1 6.1#

Manual Integrations
APPROVED

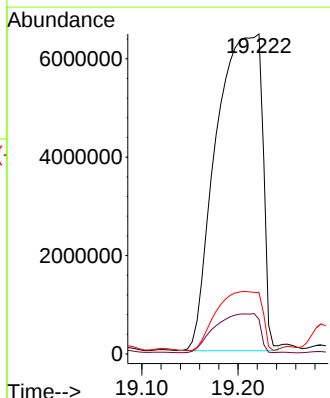
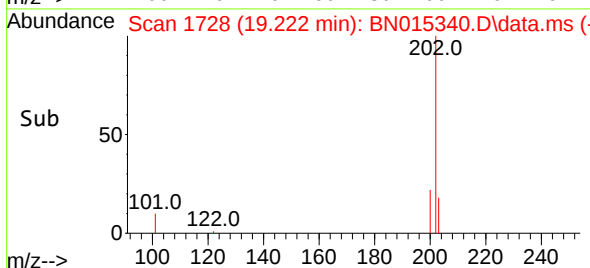
mohammad
7/7/2021 8:35:53 AM

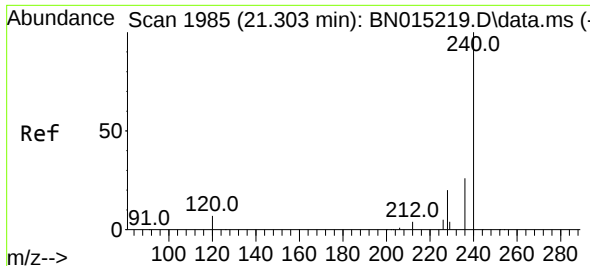


#28
Fluoranthene
Concen: 58.86 ng
RT: 19.222 min Scan# 1728
Delta R.T. 0.059 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11



Tgt Ion:202 Resp:21349273
Ion Ratio Lower Upper
202 100
101 11.8 6.6 10.0#
203 19.1 13.9 20.9





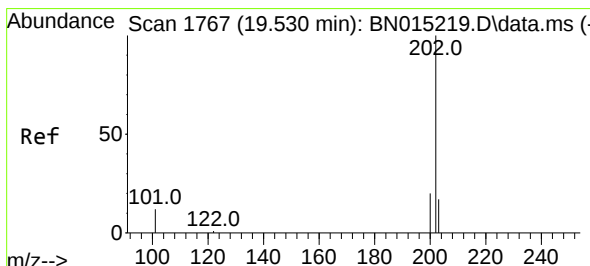
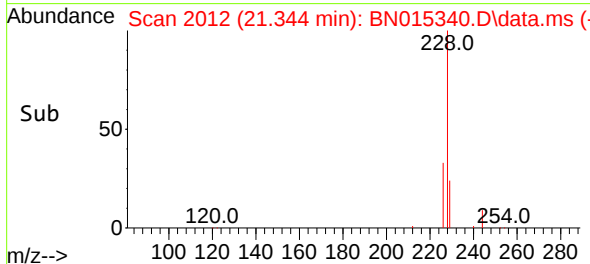
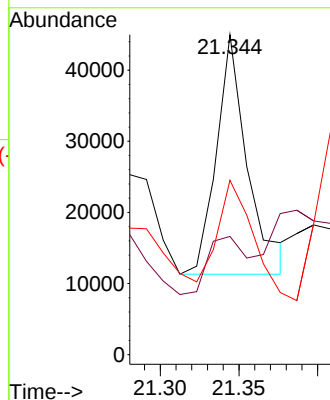
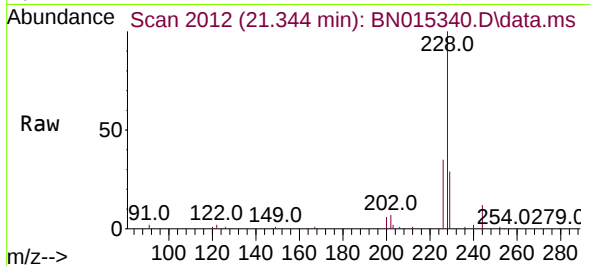
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.344 min Scan# 2012
Delta R.T. 0.041 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

Tgt Ion:240 Resp: 46137
Ion Ratio Lower Upper
240 100
120 36.9 4.2 6.4#
236 54.5 21.4 32.2#

Instrument :
BNA_N
ClientSampleId :
B1-0-2MS

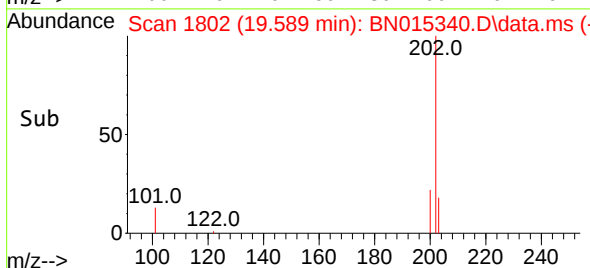
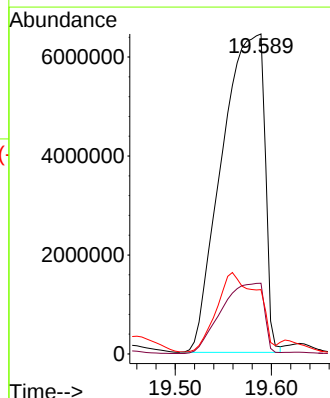
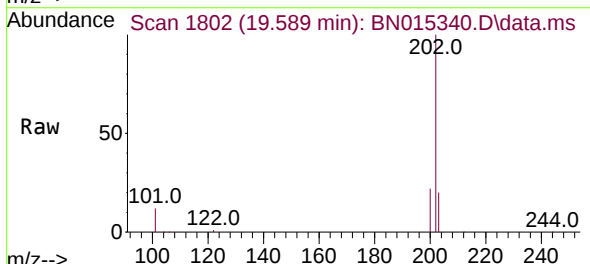
Manual Integrations
APPROVED

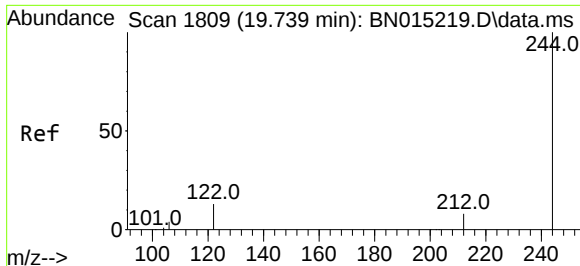
mohammad
7/7/2021 8:35:53 AM



#30
Pyrene
Concen: 113.34 ng
RT: 19.589 min Scan# 1802
Delta R.T. 0.059 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

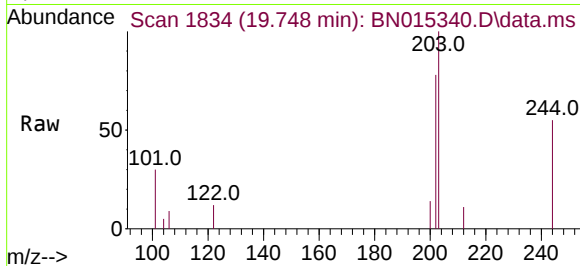
Tgt Ion:202 Resp:19896614
Ion Ratio Lower Upper
202 100
200 22.1 16.9 25.3
203 0.0 13.9 20.9#





#31
 Terphenyl-d14
 Concen: 0.82 ng
 RT: 19.748 min Scan# 1834
 Delta R.T. 0.009 min
 Lab File: BN015340.D
 Acq: 06 Jul 2021 16:11

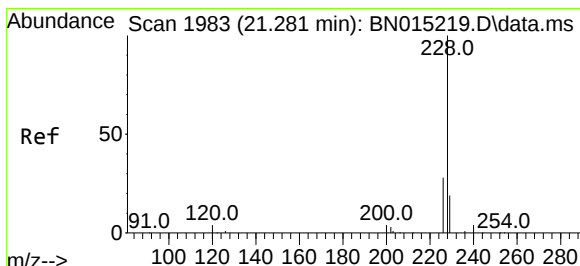
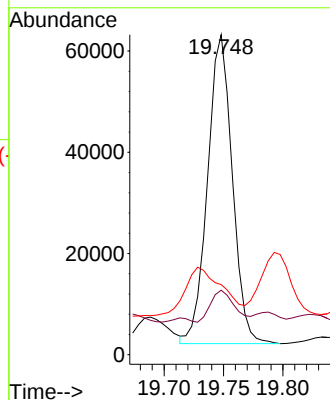
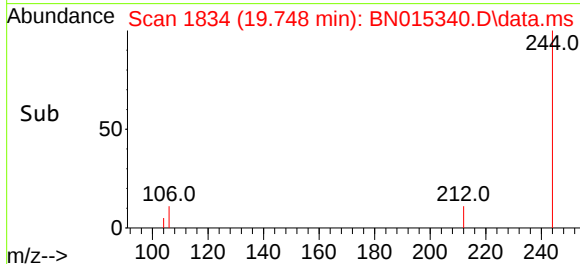
Instrument :
 BNA_N
 ClientSampled :
 B1-0-2MS



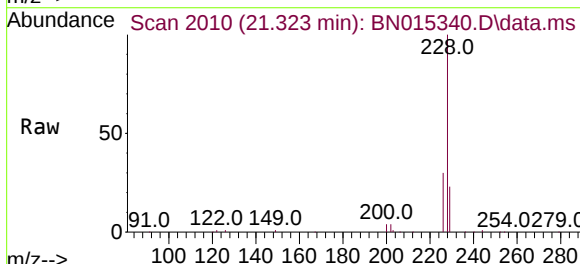
Tgt Ion:244 Resp: 88444
 Ion Ratio Lower Upper
 244 100
 212 20.2 6.3 9.5#
 122 21.9 6.2 9.2#

Manual Integrations
 APPROVED

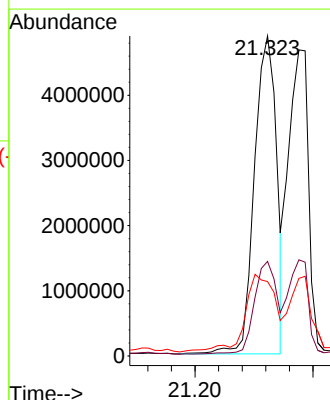
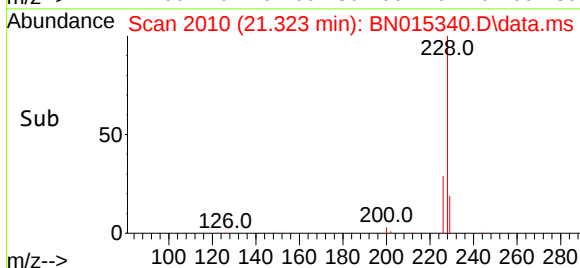
mohammad
 7/7/2021 8:35:53 AM



#32
 Benzo(a)anthracene
 Concen: 80.48 ng
 RT: 21.323 min Scan# 2010
 Delta R.T. 0.042 min
 Lab File: BN015340.D
 Acq: 06 Jul 2021 16:11



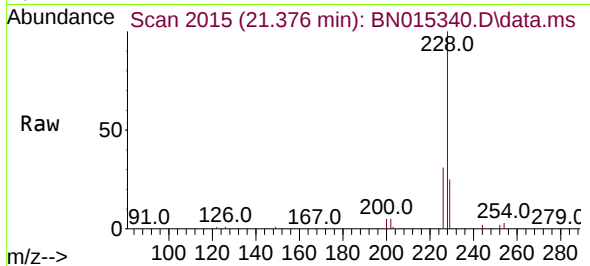
Tgt Ion:228 Resp:12736603
 Ion Ratio Lower Upper
 228 100
 226 29.6 23.0 34.6
 229 23.3 15.7 23.5





#33
Chrysene
Concen: 64.43 ng m
RT: 21.376 min Scan# 2015
Delta R.T. 0.041 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

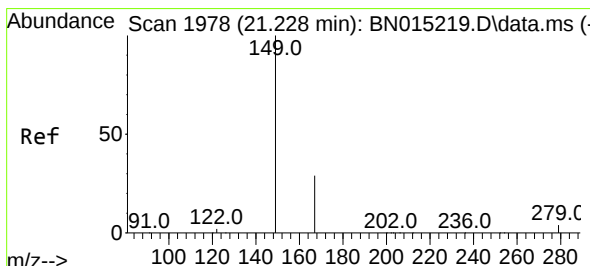
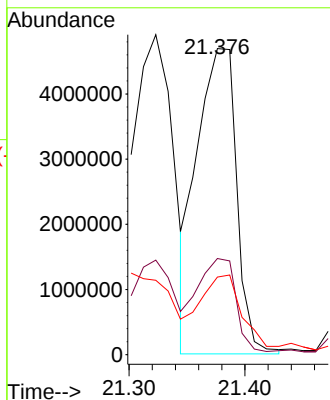
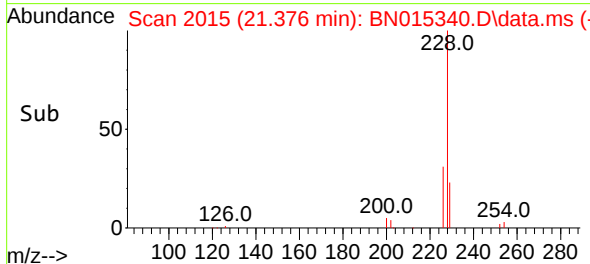
Instrument :
BNA_N
ClientSampled :
B1-0-2MS



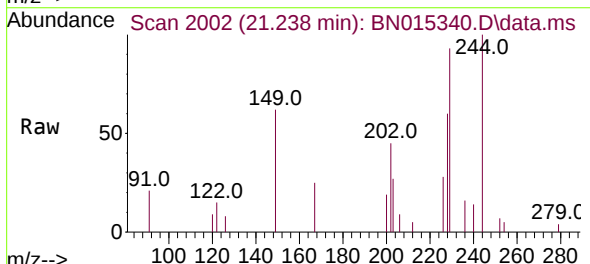
Tgt Ion:228 Resp:11107166
Ion Ratio Lower Upper
228 100
226 31.4 25.0 37.6
229 25.3 15.9 23.9#

Manual Integrations
APPROVED

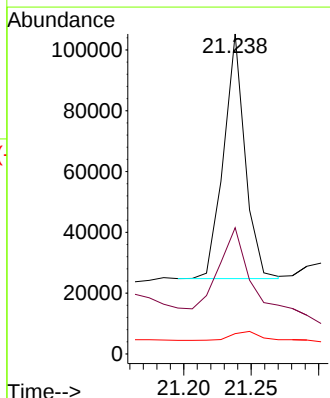
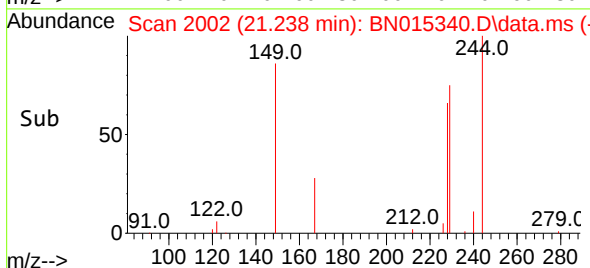
mohammad
7/7/2021 8:35:53 AM



#34
Bis(2-ethylhexyl)phthalate
Concen: 1.50 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.010 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

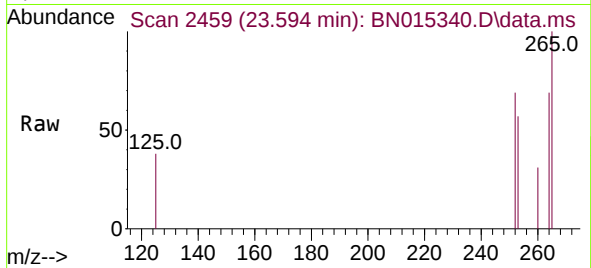


Tgt Ion:149 Resp: 88864
Ion Ratio Lower Upper
149 100
167 81.3 28.9 43.3#
279 18.8 4.9 7.3#

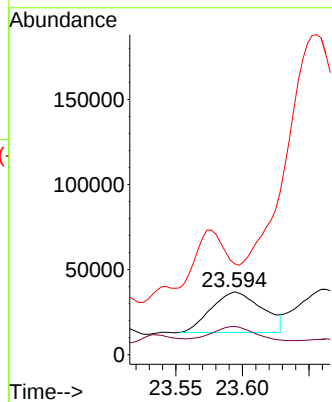
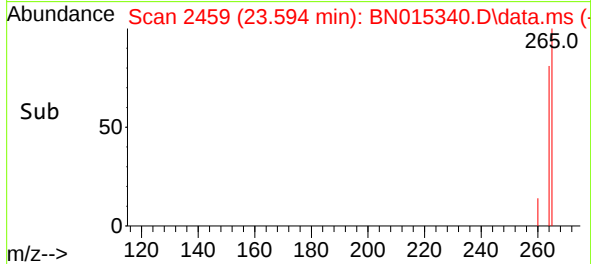




#35
Perylene-d12
Concen: 0.40 ng
RT: 23.594 min Scan# 2459
Delta R.T. 0.044 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11



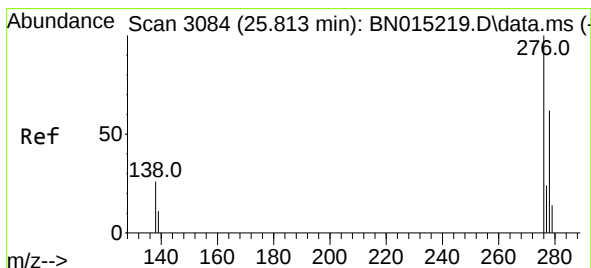
Tgt Ion:264 Resp: 63397
Ion Ratio Lower Upper
264 100
260 45.1 20.6 31.0#
265 144.8 21.4 32.2#



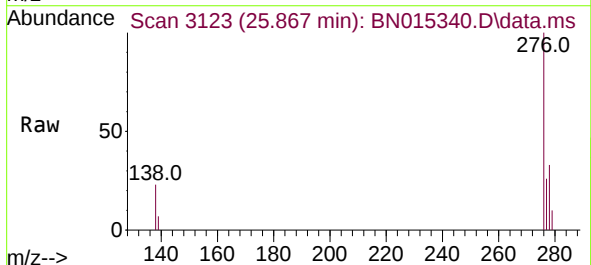
Instrument :
BNA_N
ClientSampleId :
B1-0-2MS

Manual Integrations
APPROVED

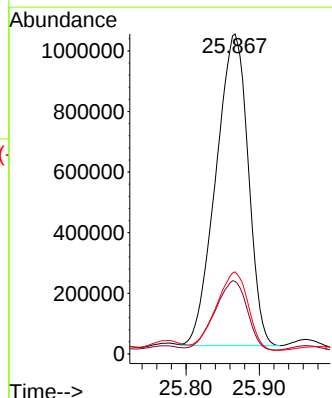
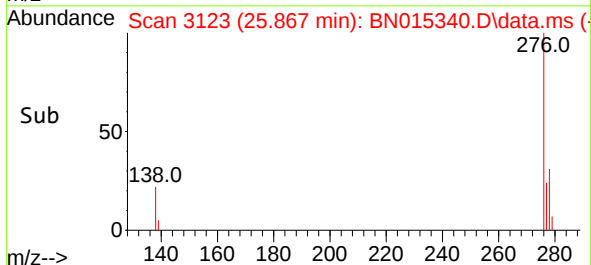
mohammad
7/7/2021 8:35:53 AM

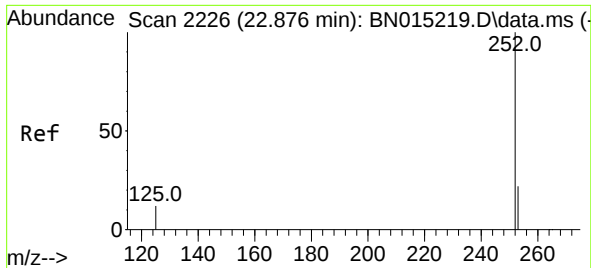


#36
Indeno(1,2,3-cd)pyrene
Concen: 13.86 ng
RT: 25.867 min Scan# 3123
Delta R.T. 0.054 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11

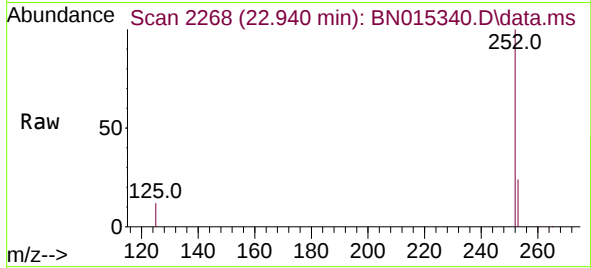


Tgt Ion:276 Resp: 3148699
Ion Ratio Lower Upper
276 100
138 22.4 10.0 15.0#
277 25.2 20.4 30.6

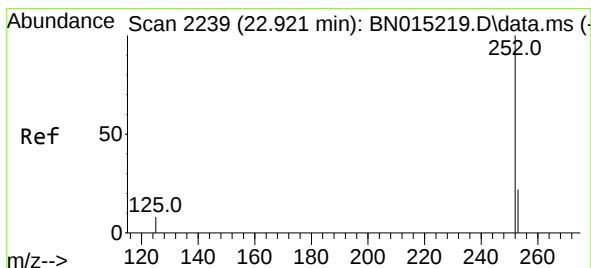
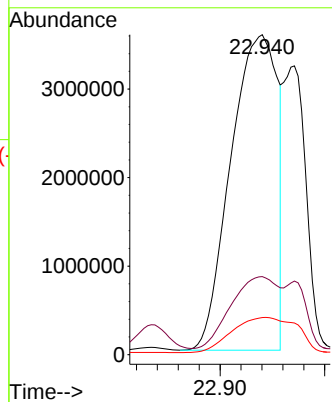
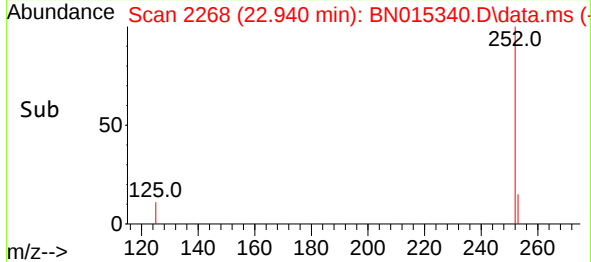




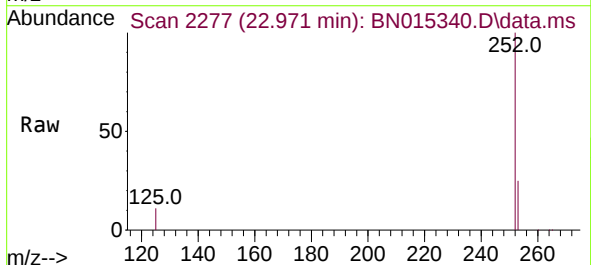
#37
Benzo(b)fluoranthene
Concen: 44.22 ng
RT: 22.940 min Scan# 2268
Delta R.T. 0.064 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11



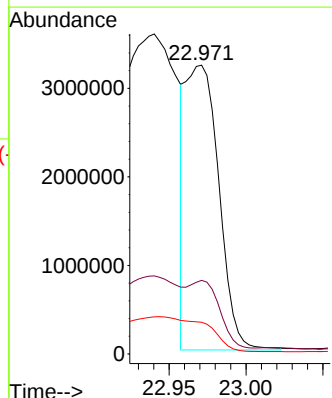
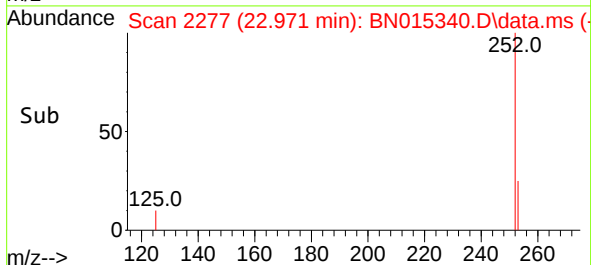
Tgt Ion:252 Resp:10989875
Ion Ratio Lower Upper
252 100
253 24.4 18.5 27.7
125 11.6 5.8 8.6#



#38
Benzo(k)fluoranthene
Concen: 18.23 ng m
RT: 22.971 min Scan# 2277
Delta R.T. 0.051 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11



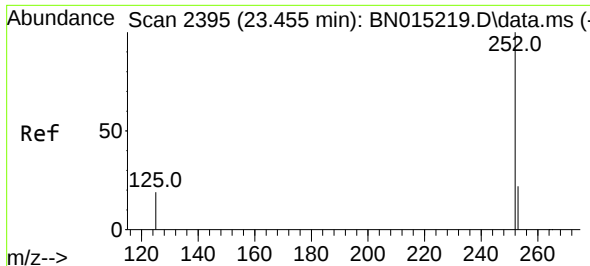
Tgt Ion:252 Resp: 4837031
Ion Ratio Lower Upper
252 100
253 25.5 19.1 28.7
125 11.0 5.4 8.0#



Instrument :
BNA_N
ClientSampleId :
B1-0-2MS

Manual Integrations
APPROVED

mohammad
7/7/2021 8:35:53 AM



#39

Benzo(a)pyrene

Concen: 37.66 ng

RT: 23.515 min Scan# 2436

Delta R.T. 0.061 min

Lab File: BN015340.D

Acq: 06 Jul 2021 16:11

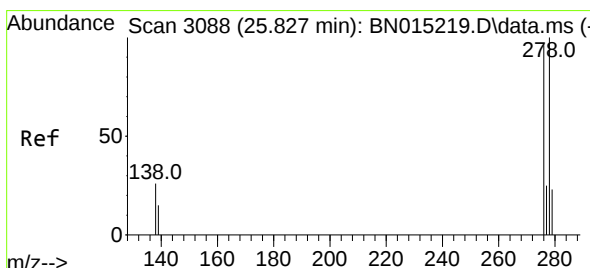
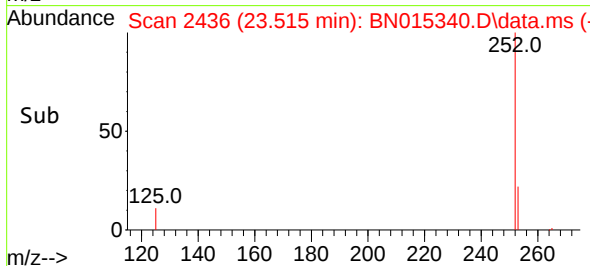
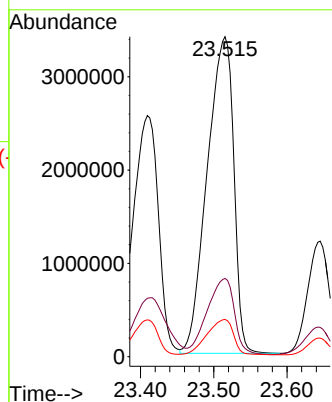
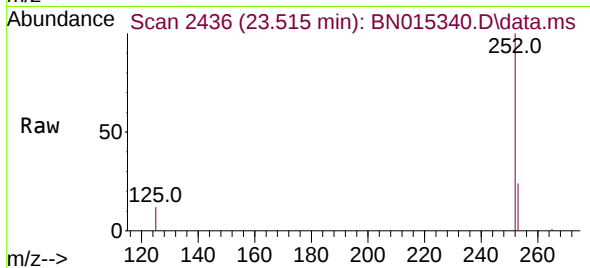
Tgt Ion:252 Resp: 8559236

Ion Ratio Lower Upper

252 100

253 24.5 19.4 29.2

125 11.6 7.4 11.2#



#40

Dibenzo(a,h)anthracene

Concen: 5.70 ng

RT: 25.867 min Scan# 3123

Delta R.T. 0.040 min

Lab File: BN015340.D

Acq: 06 Jul 2021 16:11

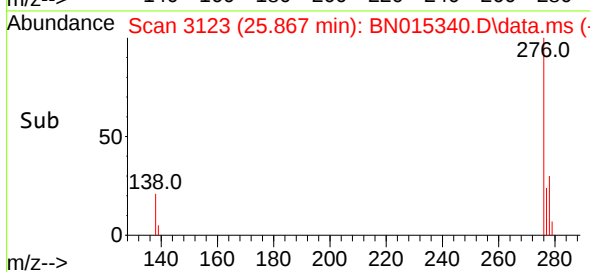
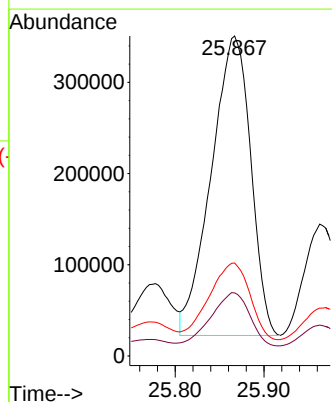
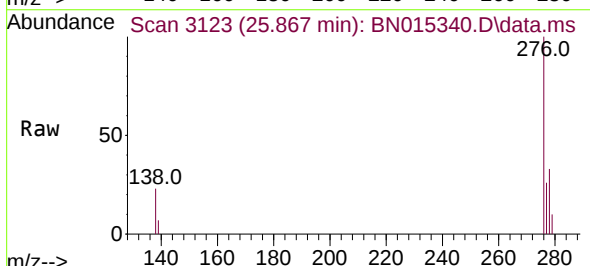
Tgt Ion:278 Resp: 1014792

Ion Ratio Lower Upper

278 100

139 19.7 9.0 13.4#

279 29.0 21.0 31.4



Instrument :

BNA_N

ClientSampleId :

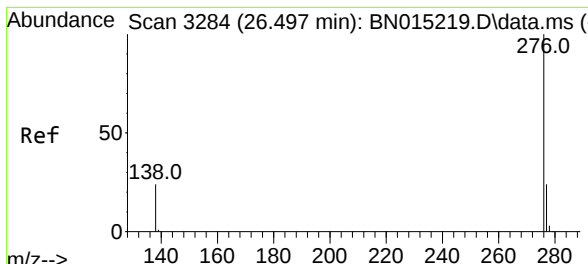
B1-0-2MS

Manual Integrations

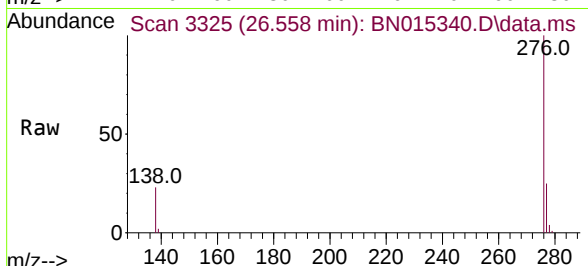
APPROVED

mohammad

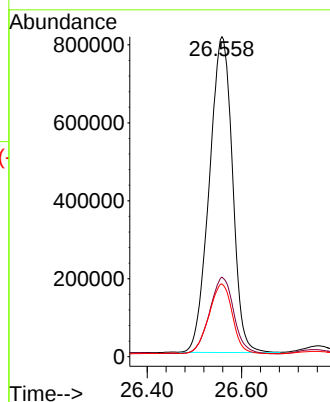
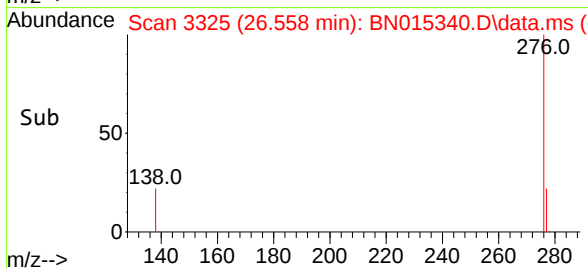
7/7/2021 8:35:53 AM



#41
Benzo(g,h,i)perylene
Concen: 14.00 ng
RT: 26.558 min Scan# 3325
Delta R.T. 0.061 min
Lab File: BN015340.D
Acq: 06 Jul 2021 16:11



Tgt Ion: 276 Resp: 2753385
Ion Ratio Lower Upper
276 100
277 24.8 19.7 29.5
138 22.7 9.8 14.6#



Instrument :
BNA_N
ClientSampleId :
B1-0-2MS

Manual Integrations
APPROVED

mohammad
7/7/2021 8:35:53 AM