

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
 Data File : BN015343.D
 Acq On : 06 Jul 2021 18:00
 Operator : CG/JU
 Sample : M2898-03DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-10B-062921DL

Manual Integrations
 APPROVED

mohammad
 7/7/2021 8:36:02 AM

Quant Time: Jul 06 18:32:35 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	16903	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	80786	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	47259	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	97049	0.40	ng	0.00
29) Chrysene-d12	21.291	240	84480	0.40	ng	#-0.01
35) Perylene-d12	23.546	264	46712	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	2071	0.05	ng	0.00
5) Phenol-d6	6.905	99	1555	0.03	ng	0.00
8) Nitrobenzene-d5	8.873	82	7069	0.16	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	17271	0.13	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	3018	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	28112	0.15	ng	0.00
27) Fluoranthene-d10	19.132	212	51547	0.18	ng	0.00
31) Terphenyl-d14	19.733	244	47960	0.24	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	9307	1.17	ng	# 82
20) 4,6-Dinitro-2-methylph...	15.474	198	15	0.20	ng	# 14
32) Benzo(a)anthracene	21.281	228	7638	0.03	ng	# 92
33) Chrysene	21.334	228	6775m	0.02	ng	
34) Bis(2-ethylhexyl)phtha...	21.217	149	27991	0.42	ng	# 88
37) Benzo(b)fluoranthene	22.872	252	5020	0.03	ng	# 42
38) Benzo(k)fluoranthene	22.913	252	4678	0.02	ng	# 65
39) Benzo(a)pyrene	23.447	252	3710	0.02	ng	# 1

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

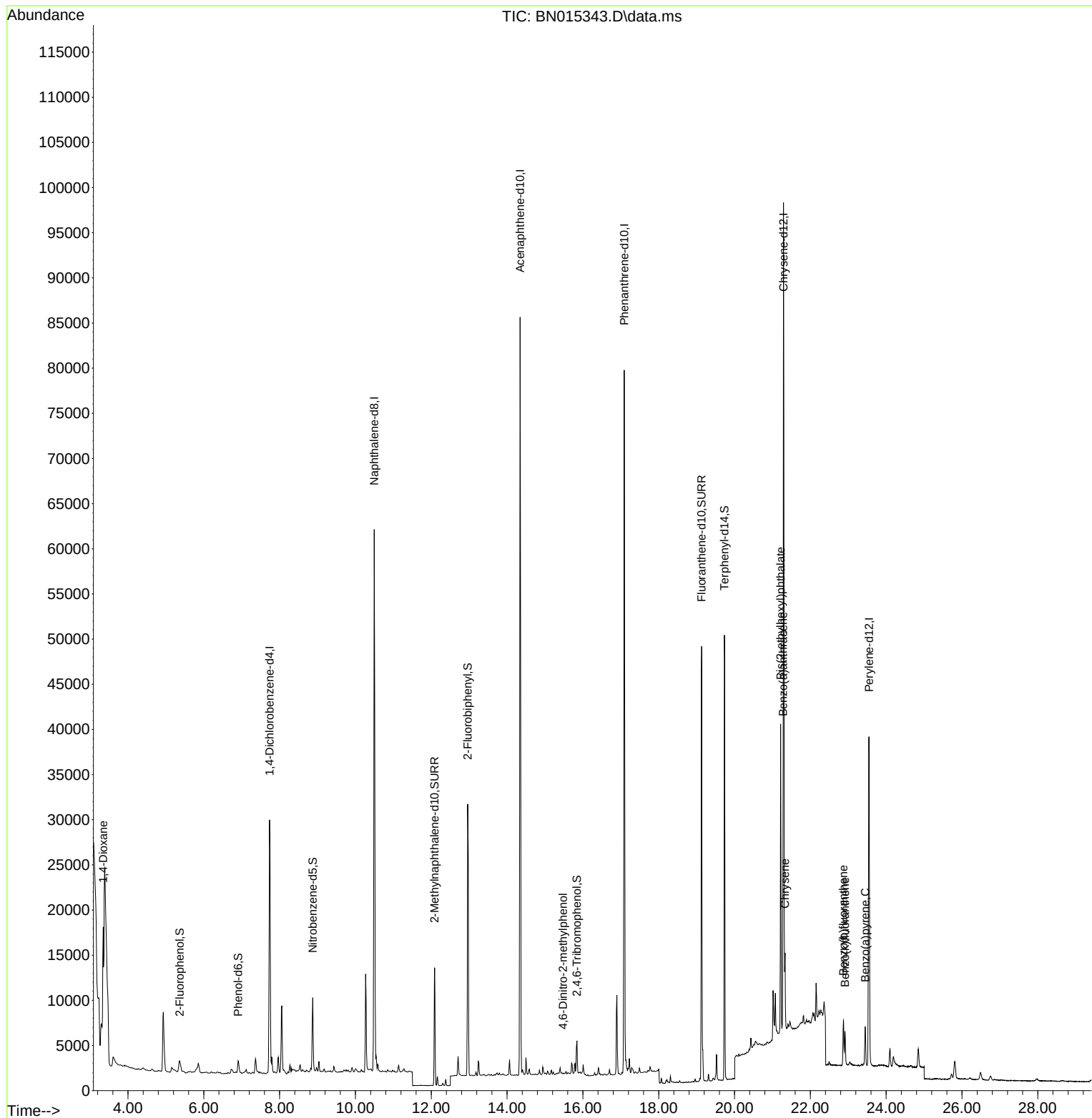
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
Data File : BN015343.D
Acq On : 06 Jul 2021 18:00
Operator : CG/JU
Sample : M2898-03DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

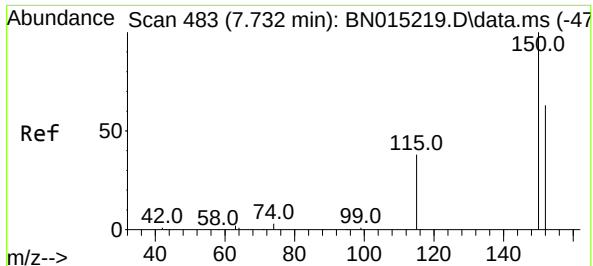
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921DL

Manual Integrations
APPROVED

mohammad
7/7/2021 8:36:02 AM

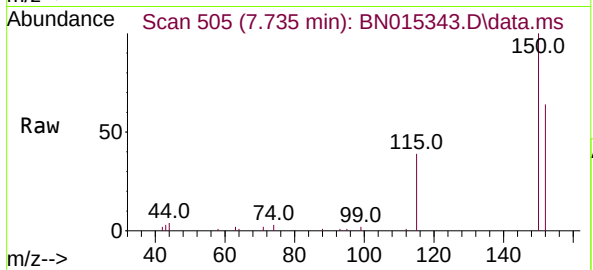
Quant Time: Jul 06 18:32:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.735 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: BN015343.D
 Acq: 06 Jul 2021 18:00

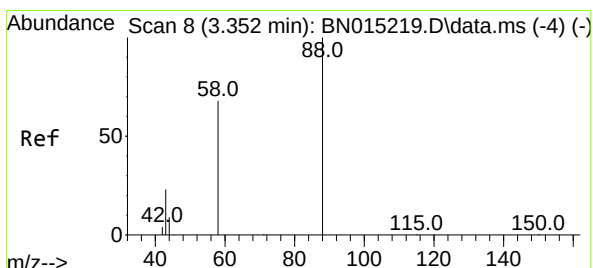
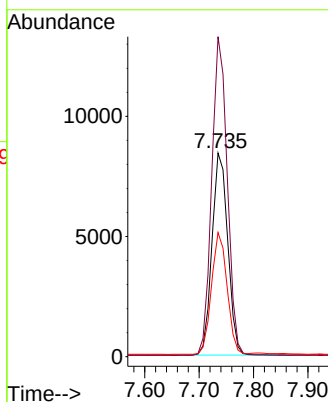
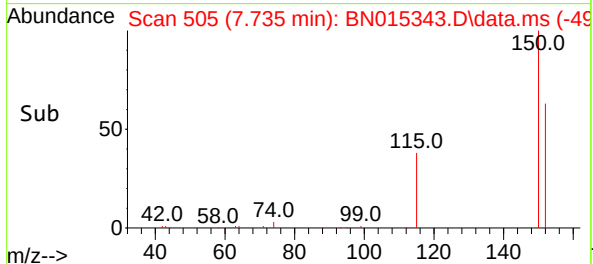
Instrument :
 BNA_N
 ClientSampleID :
 MW-10B-062921DL



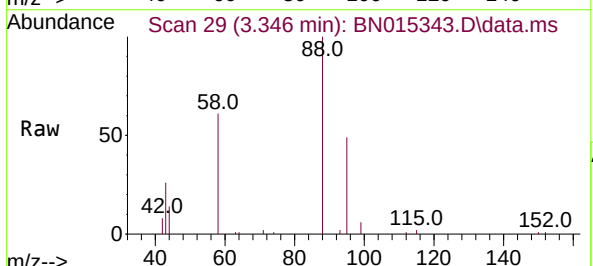
Tgt Ion:152 Resp: 16903
 Ion Ratio Lower Upper
 152 100
 150 157.1 119.0 178.6
 115 61.0 62.2 93.4#

Manual Integrations
 APPROVED

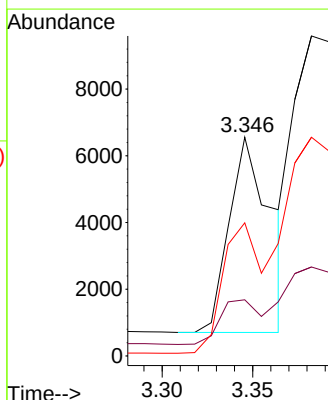
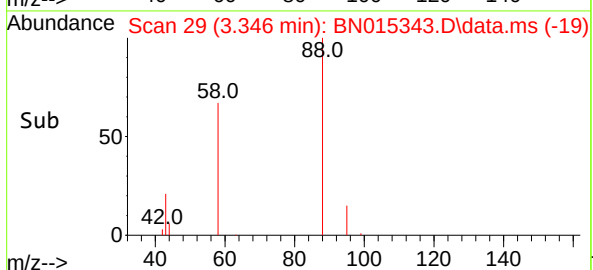
mohammad
 7/7/2021 8:36:02 AM

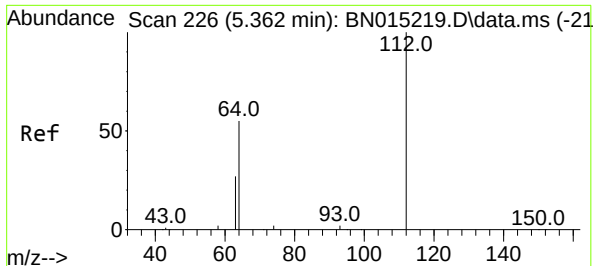


#2
 1,4-Dioxane
 Concen: 1.17 ng
 RT: 3.346 min Scan# 29
 Delta R.T. -0.006 min
 Lab File: BN015343.D
 Acq: 06 Jul 2021 18:00



Tgt Ion: 88 Resp: 9307
 Ion Ratio Lower Upper
 88 100
 43 22.2 12.9 19.3#
 58 60.3 38.1 57.1#





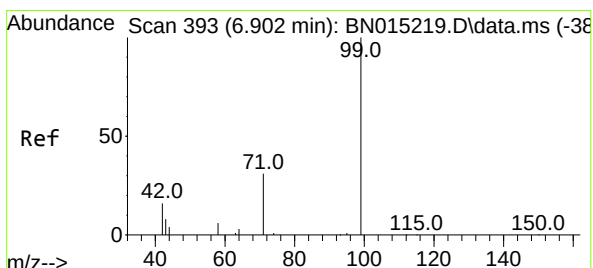
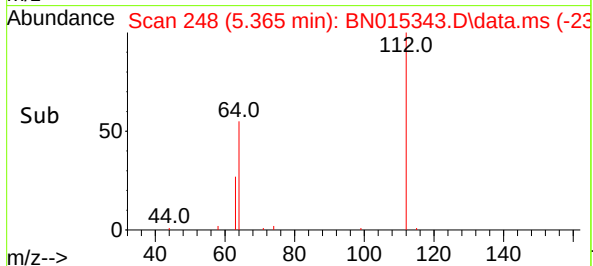
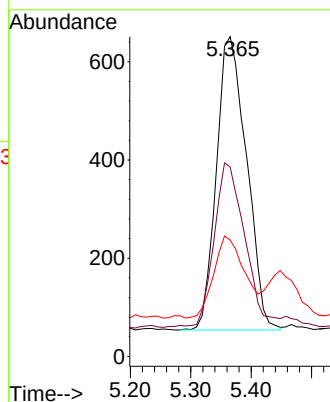
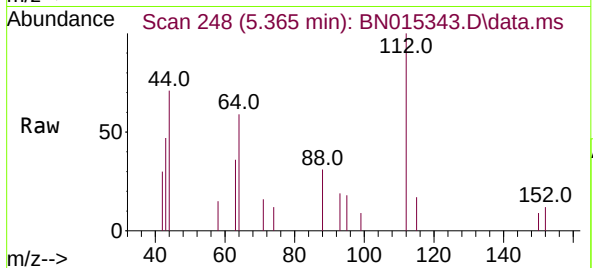
#4
2-Fluorophenol
Concen: 0.05 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015343.D
Acq: 06 Jul 2021 18:00

Tgt Ion:	112	Resp:	2071
Ion	Ratio	Lower	Upper
112	100		
64	55.8	39.0	58.6
63	28.7	20.6	30.8

Instrument :
BNA_N
ClientSampleId :
MW-10B-062921DL

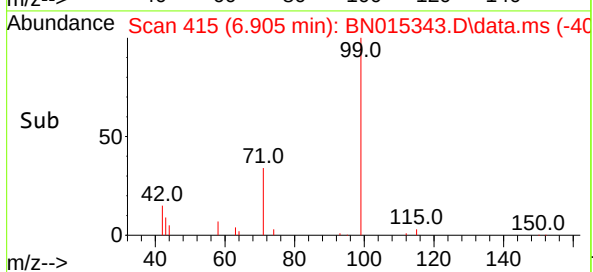
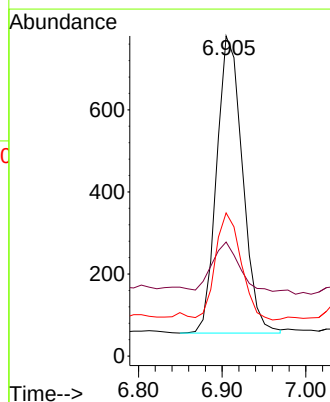
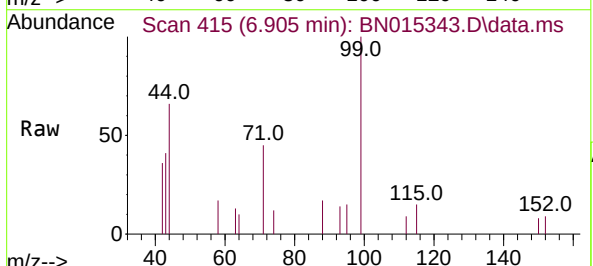
Manual Integrations
APPROVED

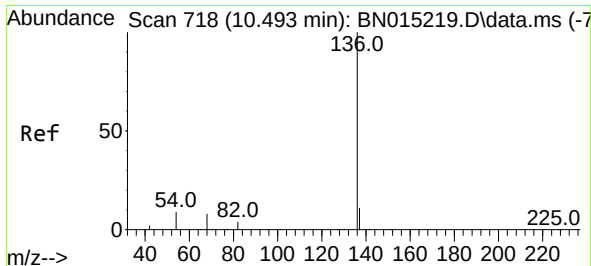
mohammad
7/7/2021 8:36:02 AM



#5
Phenol-d6
Concen: 0.03 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015343.D
Acq: 06 Jul 2021 18:00

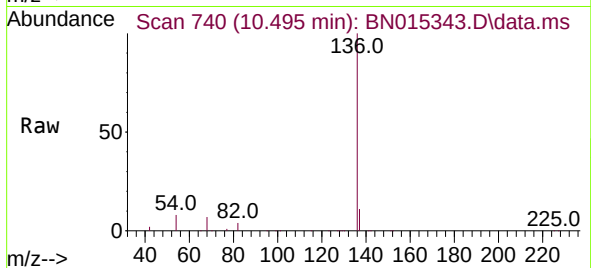
Tgt Ion:	99	Resp:	1555
Ion	Ratio	Lower	Upper
99	100		
42	16.8	8.9	13.3#
71	35.8	35.6	53.4





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015343.D
Acq: 06 Jul 2021 18:00

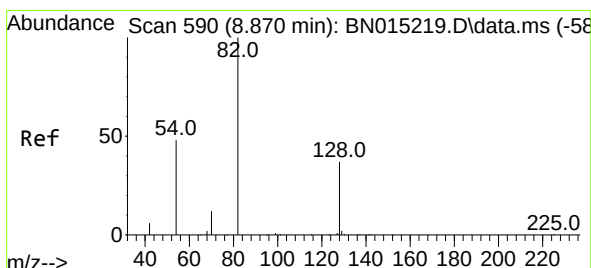
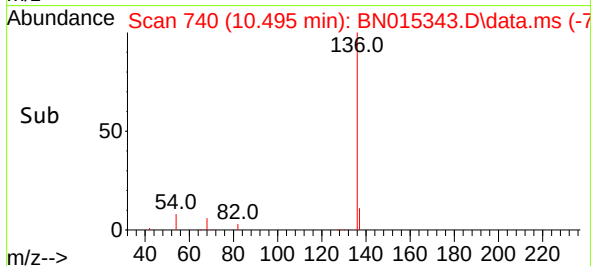
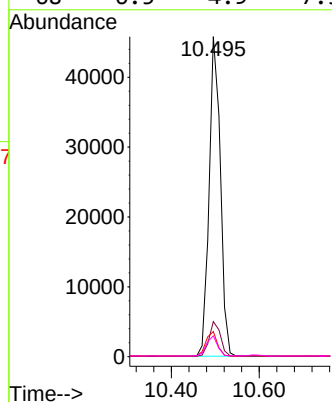
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921DL



Tgt Ion:	136	Resp:	80786
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.8	14.8
54	7.9	5.4	8.2
68	6.5	4.9	7.3

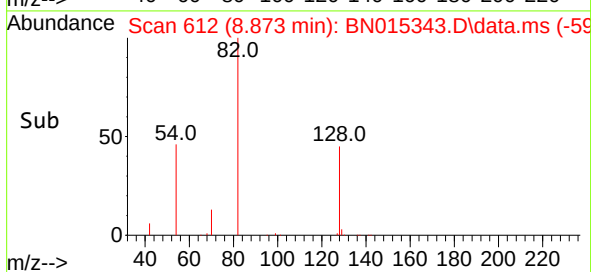
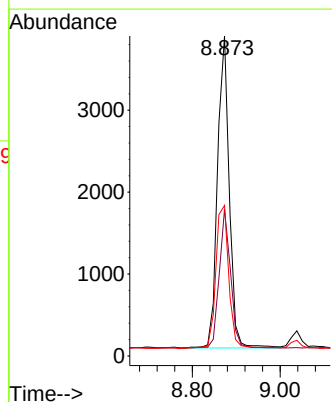
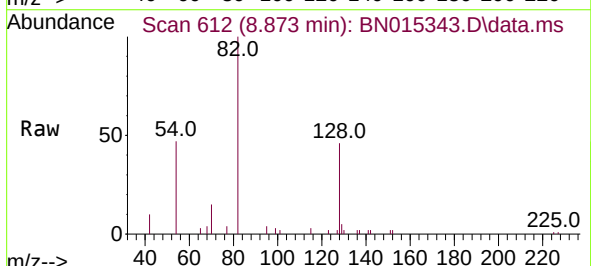
Manual Integrations
APPROVED

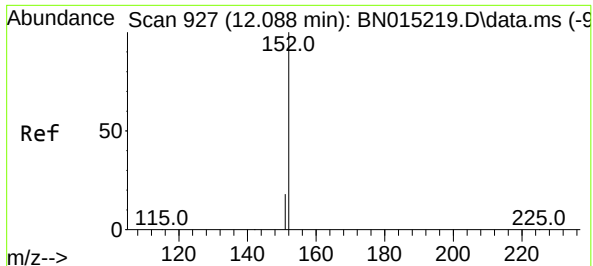
mohammad
7/7/2021 8:36:02 AM



#8
Nitrobenzene-d5
Concen: 0.16 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015343.D
Acq: 06 Jul 2021 18:00

Tgt Ion:	82	Resp:	7069
Ion Ratio	Lower	Upper	
82	100		
128	45.9	31.6	47.4
54	47.1	29.0	43.4





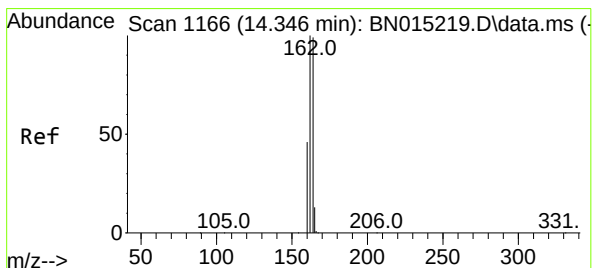
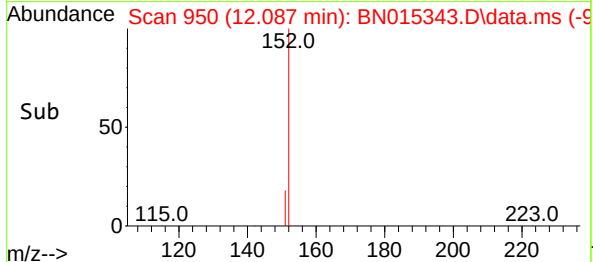
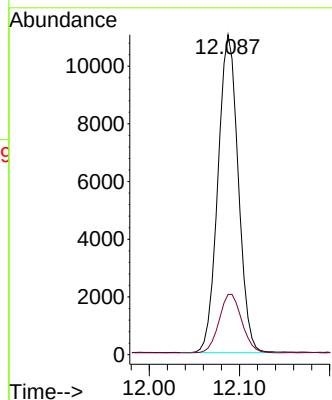
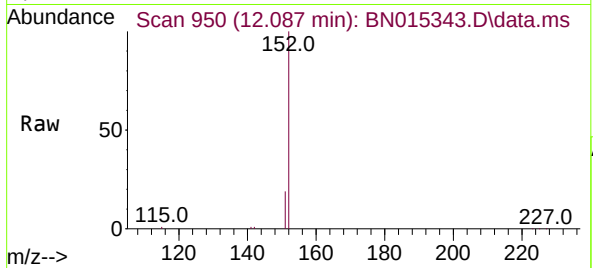
#11
2-Methylnaphthalene-d10
Concen: 0.13 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015343.D
Acq: 06 Jul 2021 18:00

Tgt Ion:152 Resp: 17271
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1

Instrument :
BNA_N
ClientSampleId :
MW-10B-062921DL

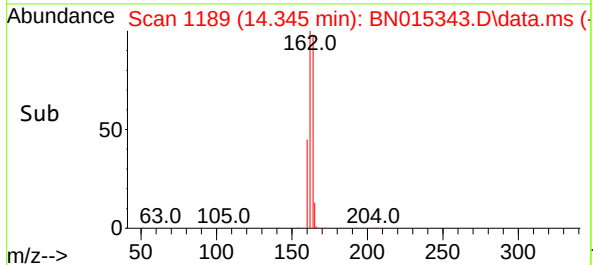
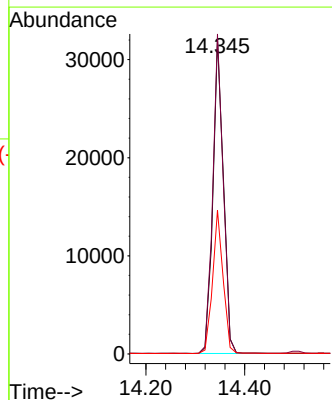
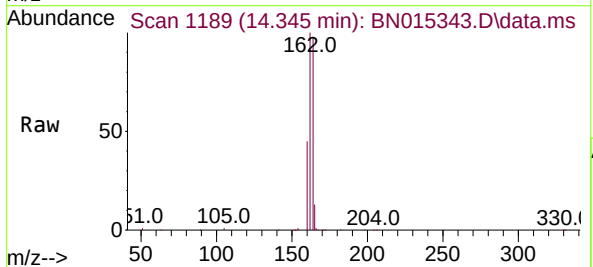
Manual Integrations
APPROVED

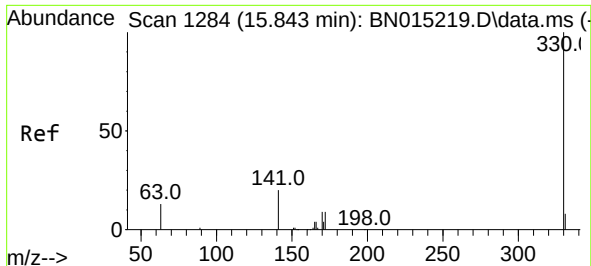
mohammad
7/7/2021 8:36:02 AM



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015343.D
Acq: 06 Jul 2021 18:00

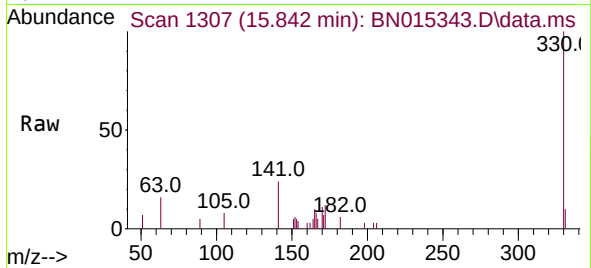
Tgt Ion:164 Resp: 47259
Ion Ratio Lower Upper
164 100
162 101.6 83.8 125.6
160 45.7 37.4 56.0





#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015343.D
Acq: 06 Jul 2021 18:00

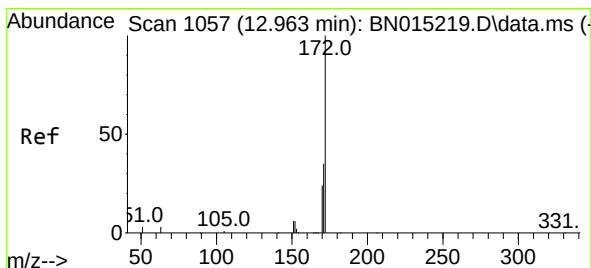
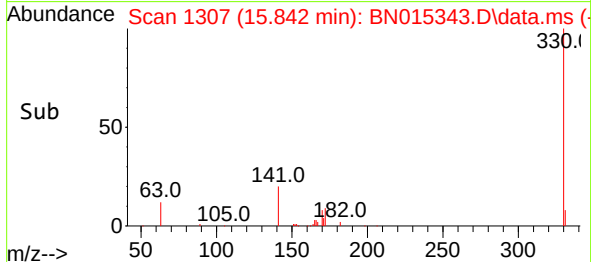
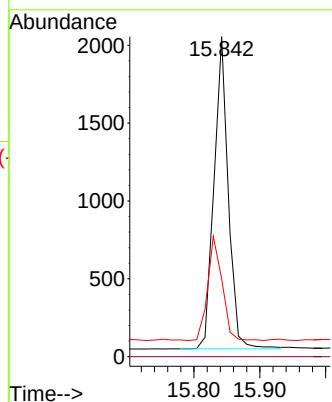
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921DL



Tgt Ion:330 Resp: 3018
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.0 22.4 33.6#

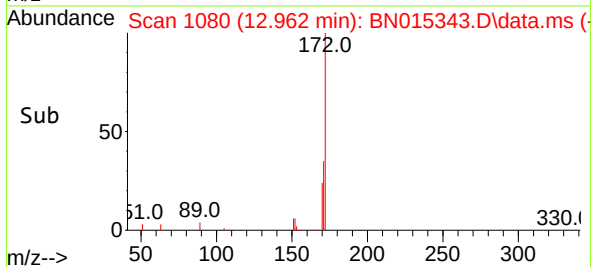
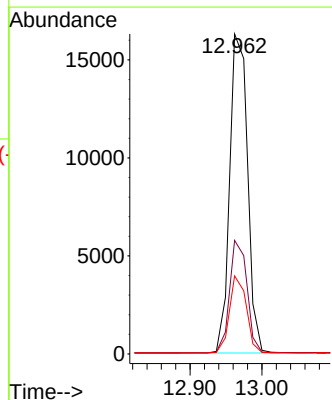
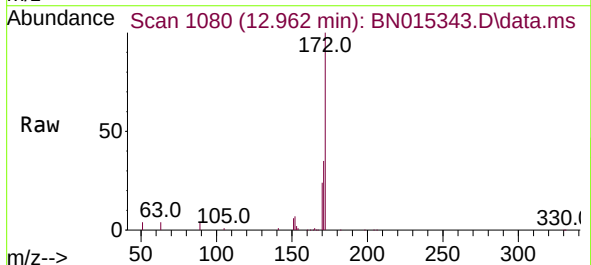
Manual Integrations
APPROVED

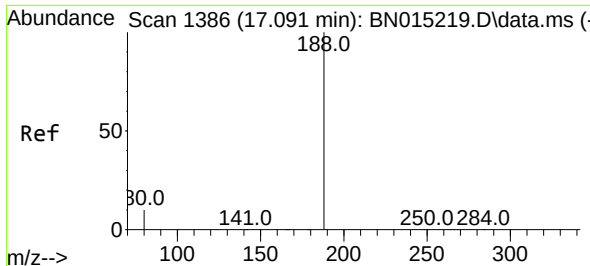
mohammad
7/7/2021 8:36:02 AM



#15
2-Fluorobiphenyl
Concen: 0.15 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015343.D
Acq: 06 Jul 2021 18:00

Tgt Ion:172 Resp: 28112
Ion Ratio Lower Upper
172 100
171 35.5 30.6 45.8
170 24.4 20.2 30.4





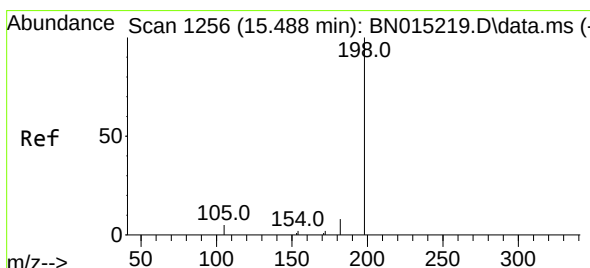
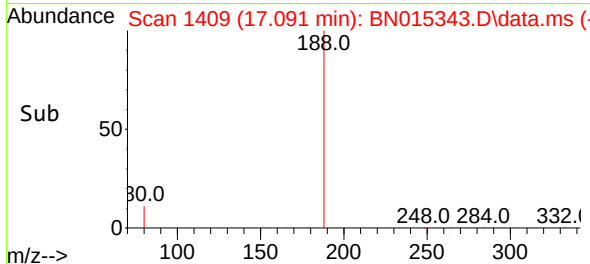
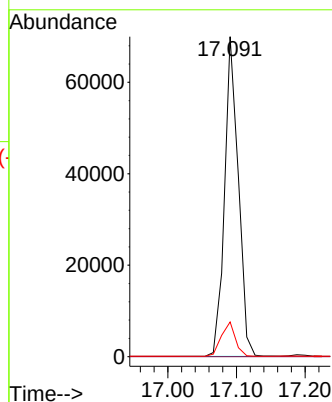
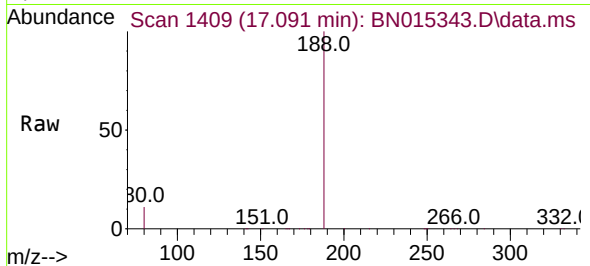
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BN015343.D
Acq: 06 Jul 2021 18:00

Tgt Ion:188 Resp: 97049
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 9.0 13.4

Instrument :
BNA_N
ClientSampleId :
MW-10B-062921DL

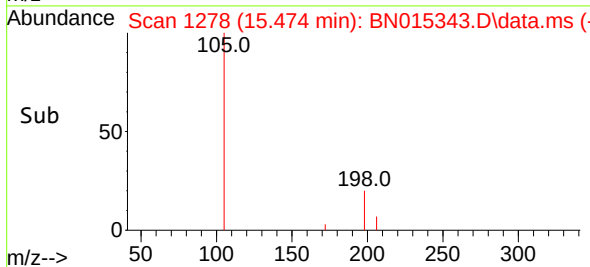
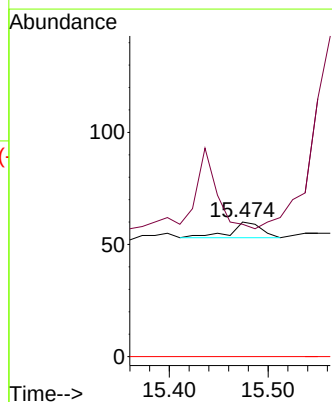
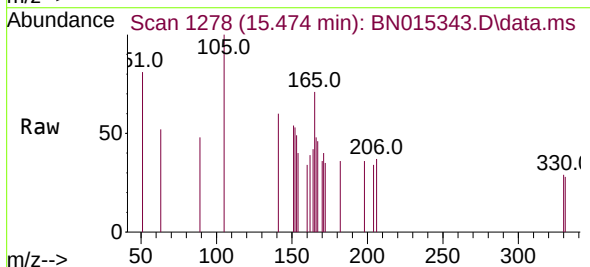
Manual Integrations
APPROVED

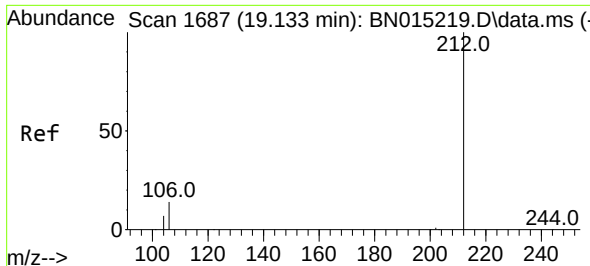
mohammad
7/7/2021 8:36:02 AM



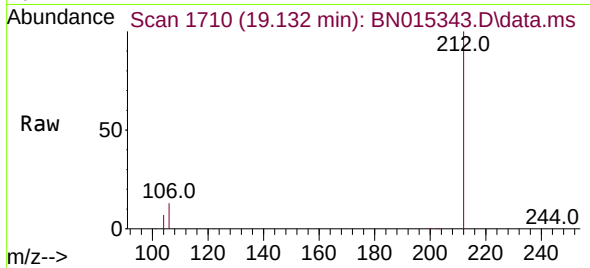
#20
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 15.474 min Scan# 1278
Delta R.T. -0.014 min
Lab File: BN015343.D
Acq: 06 Jul 2021 18:00

Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
182 98.3 34.5 51.7#
77 0.0 0.0 0.0

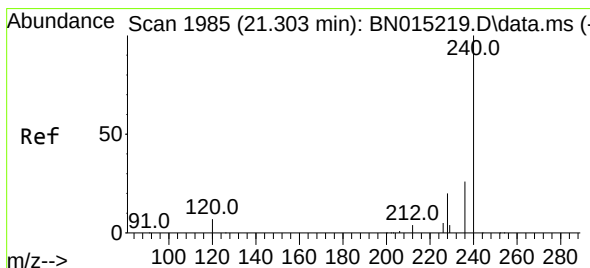
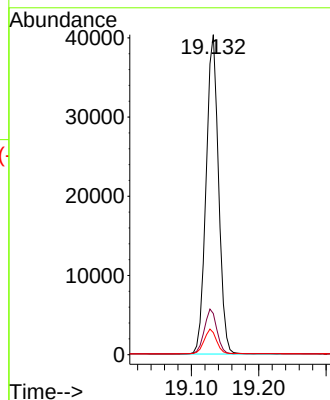
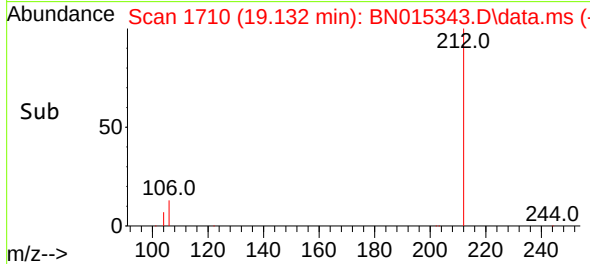




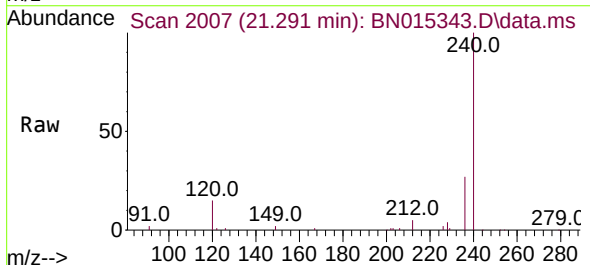
#27
Fluoranthene-d10
Concen: 0.18 ng
RT: 19.132 min Scan# 1710
Delta R.T. -0.001 min
Lab File: BN015343.D
Acq: 06 Jul 2021 18:00



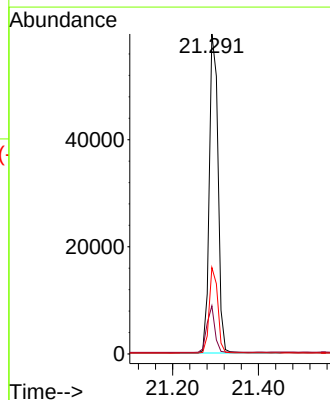
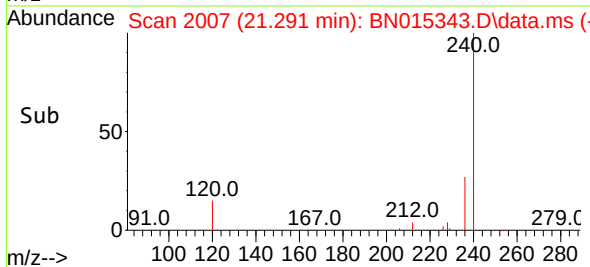
Tgt Ion:212 Resp: 51547
Ion Ratio Lower Upper
212 100
106 14.0 7.0 10.6#
104 7.9 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015343.D
Acq: 06 Jul 2021 18:00



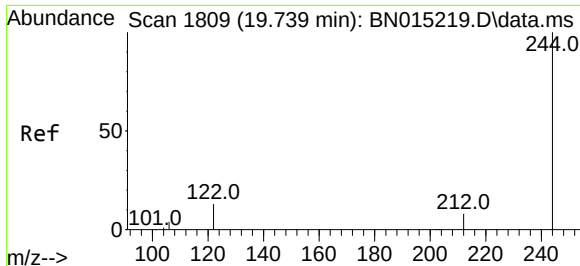
Tgt Ion:240 Resp: 84480
Ion Ratio Lower Upper
240 100
120 15.0 4.2 6.4#
236 27.0 21.4 32.2



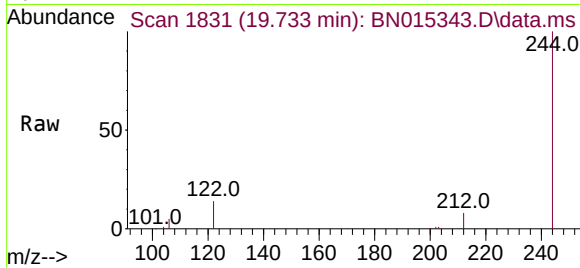
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921DL

Manual Integrations
APPROVED

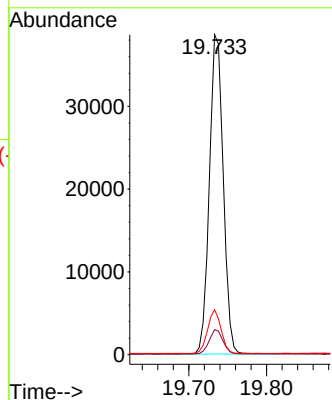
mohammad
7/7/2021 8:36:02 AM



#31
 Terphenyl-d14
 Concen: 0.24 ng
 RT: 19.733 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BN015343.D
 Acq: 06 Jul 2021 18:00



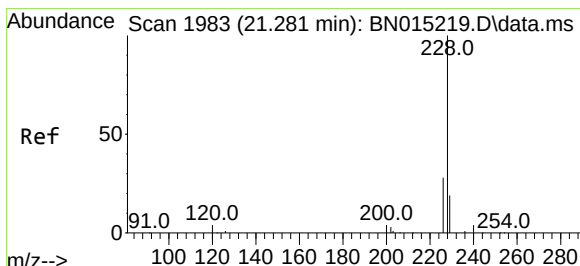
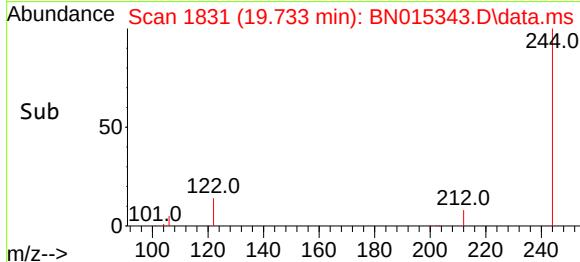
Tgt Ion:244 Resp: 47960
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 14.0 6.2 9.2#



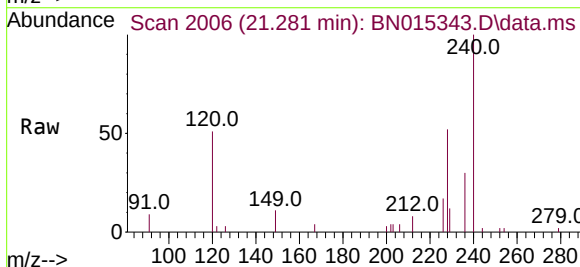
Instrument :
 BNA_N
 ClientSampleId :
 MW-10B-062921DL

Manual Integrations
 APPROVED

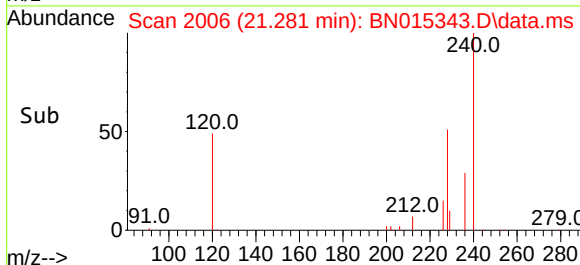
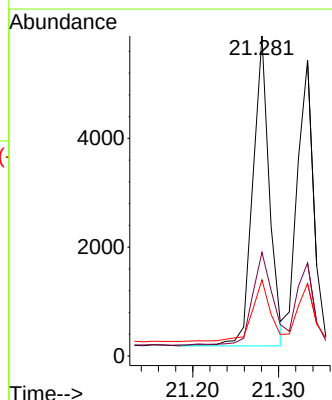
mohammad
 7/7/2021 8:36:02 AM

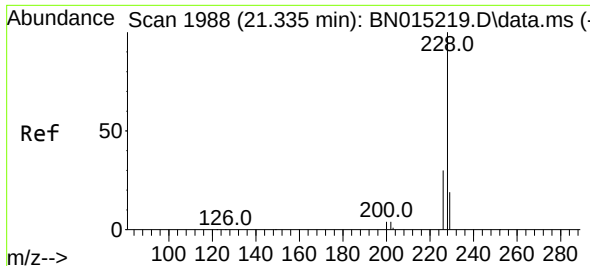


#32
 Benzo(a)anthracene
 Concen: 0.03 ng
 RT: 21.281 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: BN015343.D
 Acq: 06 Jul 2021 18:00



Tgt Ion:228 Resp: 7638
 Ion Ratio Lower Upper
 228 100
 226 32.4 23.0 34.6
 229 23.8 15.7 23.5#





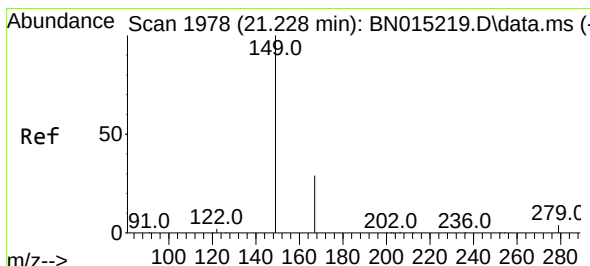
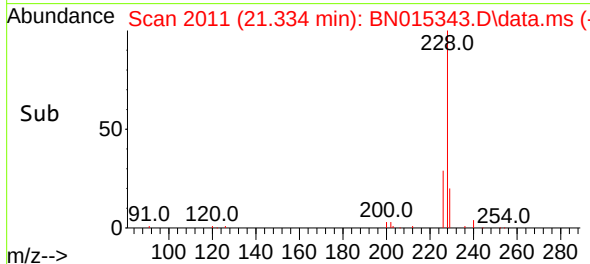
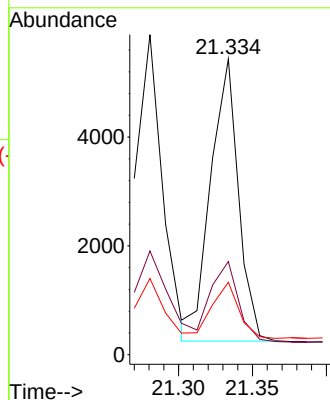
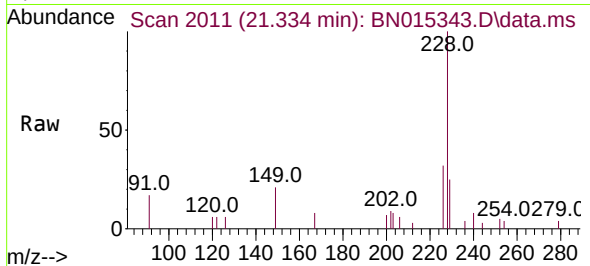
#33
Chrysene
Concen: 0.02 ng m
RT: 21.334 min Scan# 2011
Delta R.T. -0.001 min
Lab File: BN015343.D
Acq: 06 Jul 2021 18:00

Tgt Ion:	228	Resp:	6775
Ion Ratio	Lower	Upper	
228	100		
226	31.5	25.0	37.6
229	24.5	15.9	23.9#

Instrument :
BNA_N
ClientSampleID :
MW-10B-062921DL

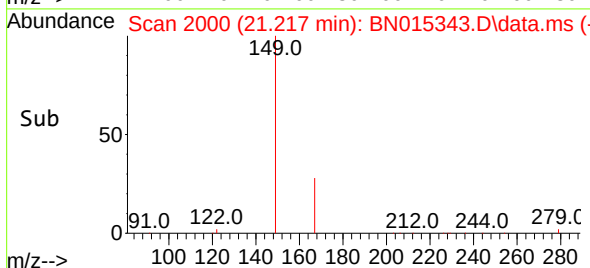
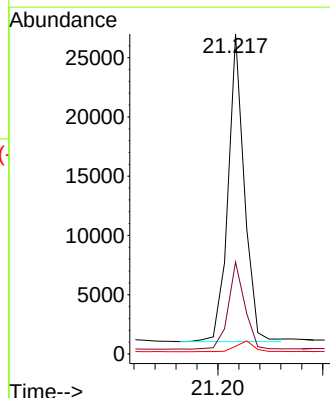
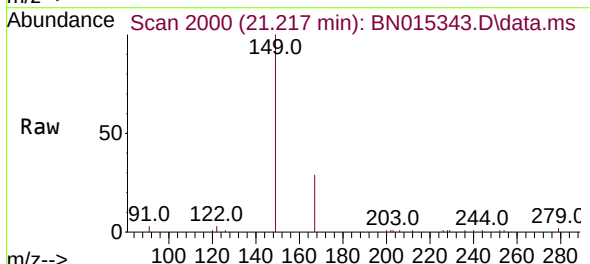
Manual Integrations
APPROVED

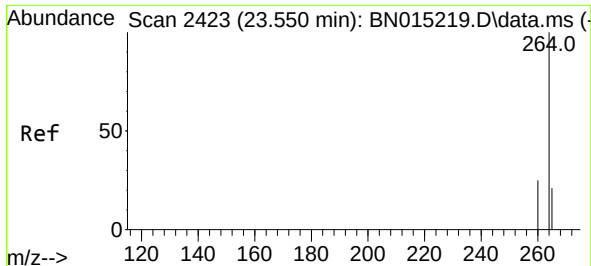
mohammad
7/7/2021 8:36:02 AM



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.42 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN015343.D
Acq: 06 Jul 2021 18:00

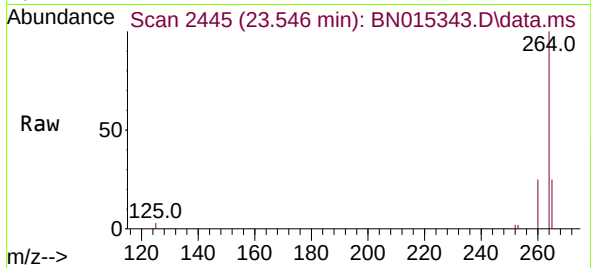
Tgt Ion:	149	Resp:	27991
Ion Ratio	Lower	Upper	
149	100		
167	28.7	28.9	43.3#
279	3.9	4.9	7.3#





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.546 min Scan# 2445
Delta R.T. -0.004 min
Lab File: BN015343.D
Acq: 06 Jul 2021 18:00

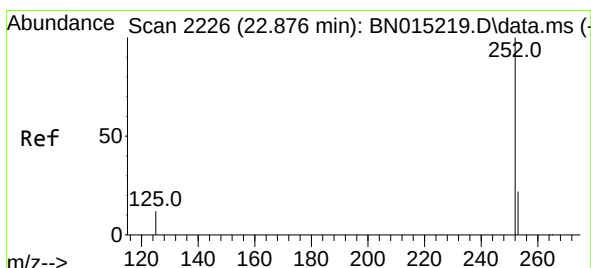
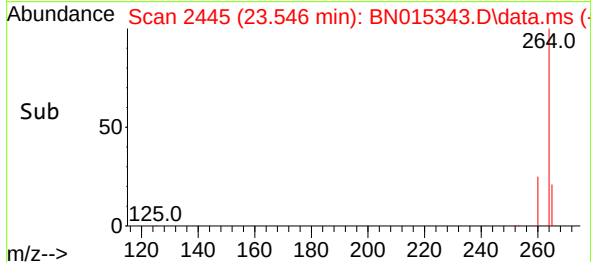
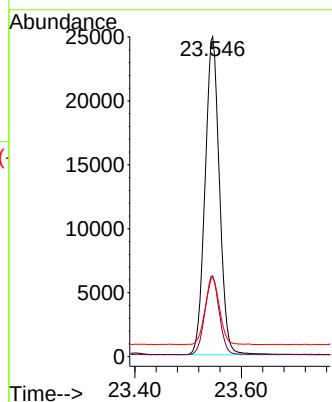
Instrument :
BNA_N
ClientSampleId :
MW-10B-062921DL



Tgt Ion:264 Resp: 46712
Ion Ratio Lower Upper
264 100
260 25.3 20.6 31.0
265 24.8 21.4 32.2

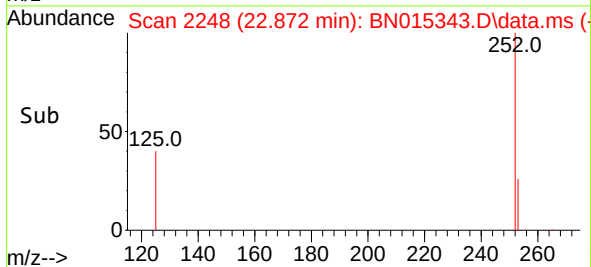
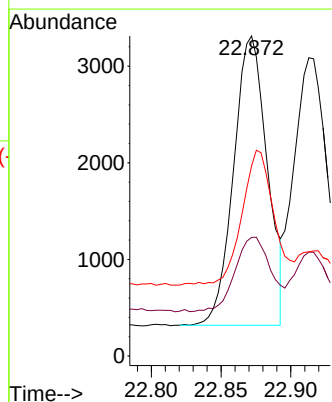
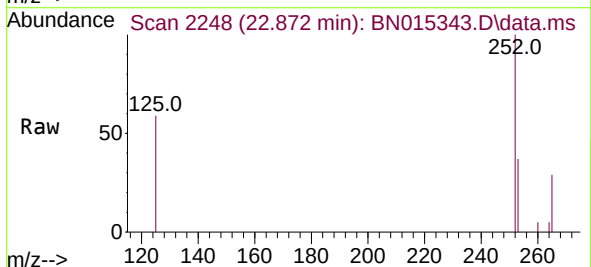
Manual Integrations
APPROVED

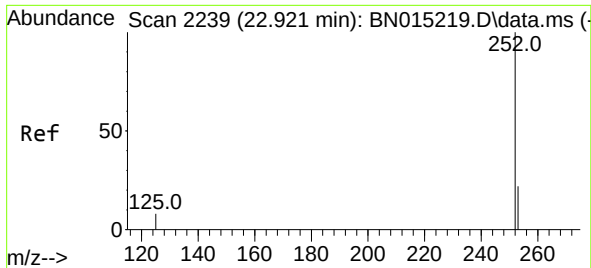
mohammad
7/7/2021 8:36:02 AM



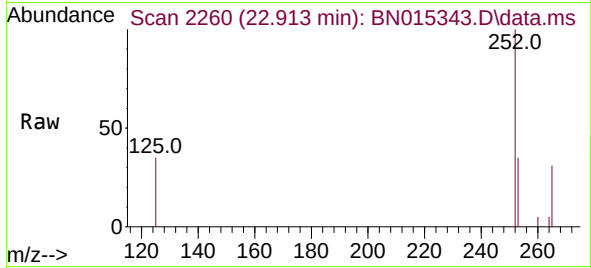
#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.872 min Scan# 2248
Delta R.T. -0.004 min
Lab File: BN015343.D
Acq: 06 Jul 2021 18:00

Tgt Ion:252 Resp: 5020
Ion Ratio Lower Upper
252 100
253 37.0 18.5 27.7#
125 59.3 5.8 8.6#

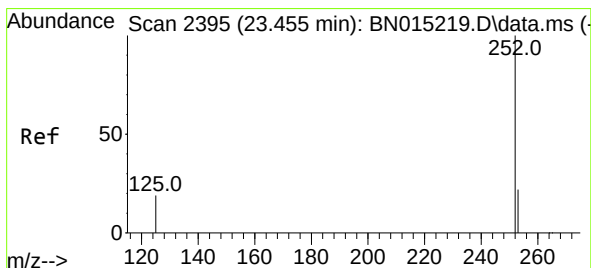
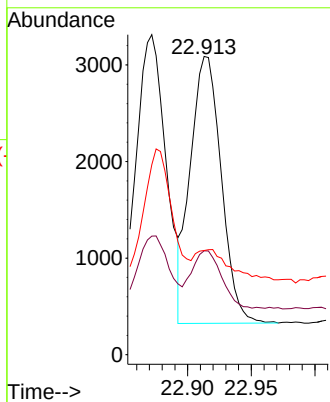
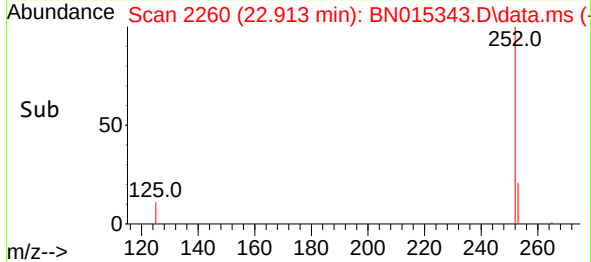




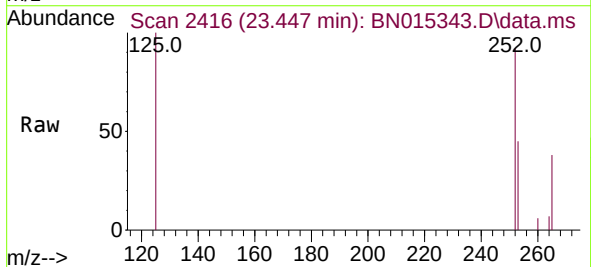
#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.913 min Scan# 2260
Delta R.T. -0.008 min
Lab File: BN015343.D
Acq: 06 Jul 2021 18:00



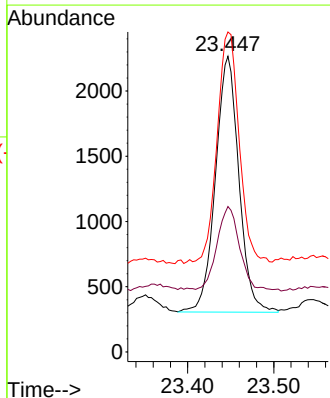
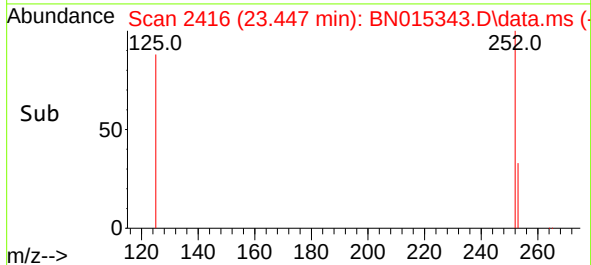
Tgt Ion:252 Resp: 4678
Ion Ratio Lower Upper
252 100
253 34.8 19.1 28.7#
125 34.9 5.4 8.0#



#39
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.447 min Scan# 2416
Delta R.T. -0.008 min
Lab File: BN015343.D
Acq: 06 Jul 2021 18:00



Tgt Ion:252 Resp: 3710
Ion Ratio Lower Upper
252 100
253 49.2 19.4 29.2#
125 108.3 7.4 11.2#



Instrument :
BNA_N
ClientSampleId :
MW-10B-062921DL

Manual Integrations
APPROVED

mohammad
7/7/2021 8:36:02 AM