

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092121\
 Data File : BN016387.D
 Acq On : 21 Sep 2021 21:33
 Operator : CG/JU
 Sample : M3835-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-04-(1.0)

Manual Integrations
 APPROVED

mohammad
 9/22/2021 4:43:10 PM

Quant Time: Sep 22 04:33:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 13:21:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	23324	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	103246	0.400	ng	# 0.00
13) Acenaphthene-d10	14.294	164	61948	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	120257	0.400	ng	0.00
29) Chrysene-d12	21.259	240	114789	0.400	ng	0.00
35) Perylene-d12	23.515	264	112008	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	6057	0.103	ng	0.02
5) Phenol-d6	6.859	99	4262	0.060	ng	0.00
8) Nitrobenzene-d5	8.810	82	17973	0.293	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	40942	0.252	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	6824	0.375	ng	0.01
15) 2-Fluorobiphenyl	12.924	172	53490	0.221	ng	0.00
27) Fluoranthene-d10	19.093	212	101414	0.291	ng	0.00
31) Terphenyl-d14	19.703	244	79067	0.297	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.495	128	2847380	10.236	ng	100
12) 2-Methylnaphthalene	12.114	142	46874	0.254	ng	98
17) Acenaphthene	14.357	154	22015	0.123	ng	97
18) Fluorene	15.347	166	27602m	0.124	ng	
25) Phenanthrene	17.090	178	43433m	0.128	ng	
26) Anthracene	17.188	178	31550	0.096	ng	98
34) Bis(2-ethylhexyl)phtha...	21.195	149	43365	0.218	ng	100

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

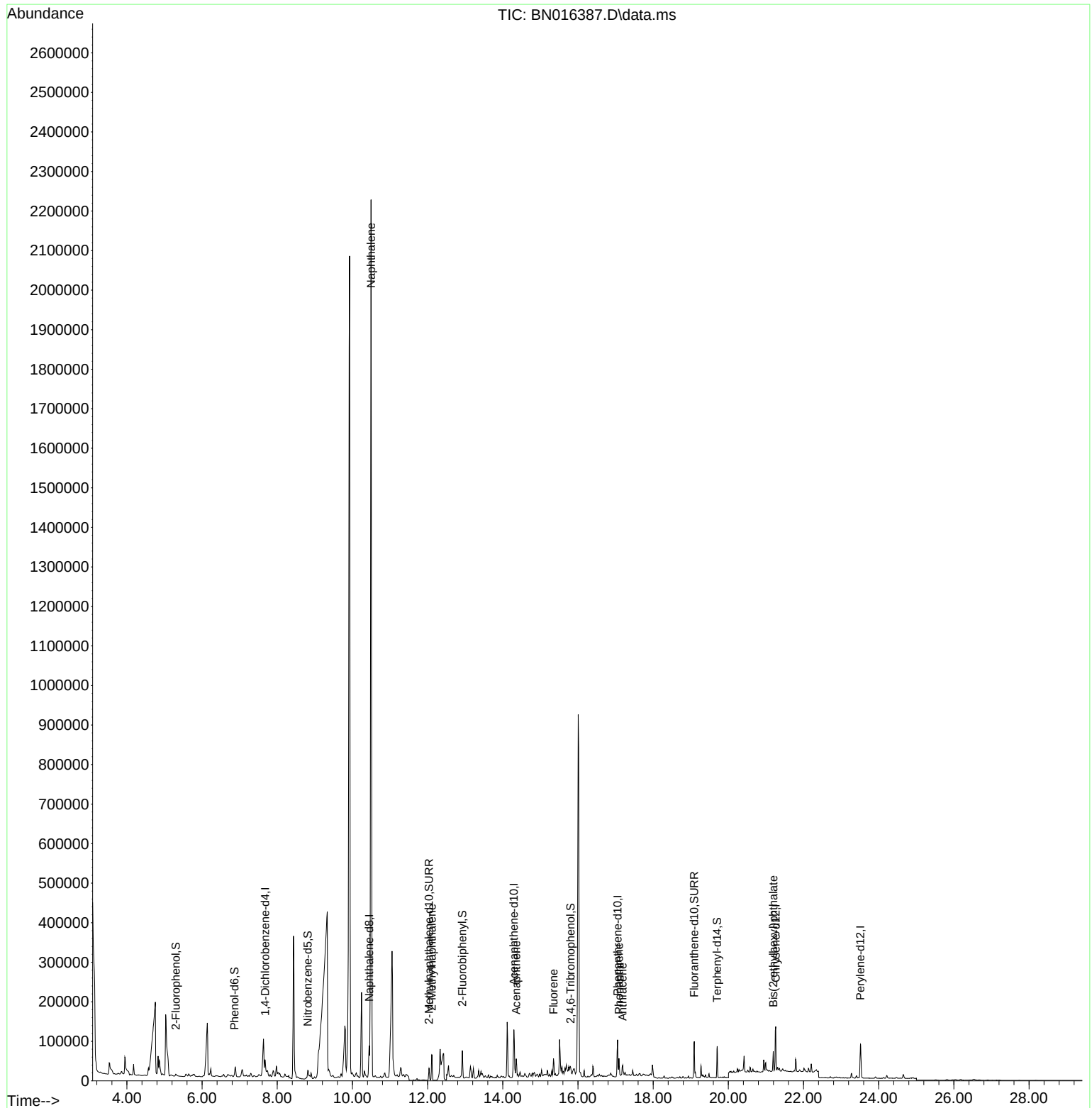
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092121\
Data File : BN016387.D
Acq On : 21 Sep 2021 21:33
Operator : CG/JU
Sample : M3835-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

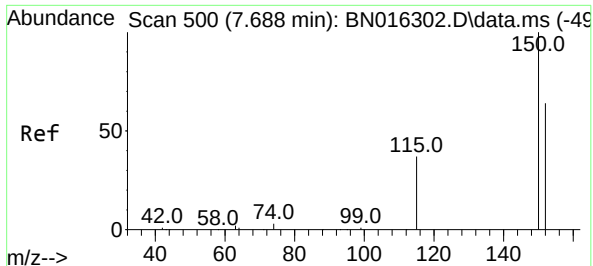
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.0)

Manual Integrations
APPROVED

mohammad
9/22/2021 4:43:10 PM

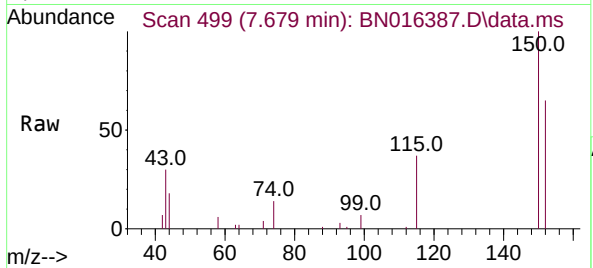
Quant Time: Sep 22 04:33:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 13:21:55 2021
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.679 min Scan# 499
 Delta R.T. 0.009 min
 Lab File: BN016387.D
 Acq: 21 Sep 2021 21:33

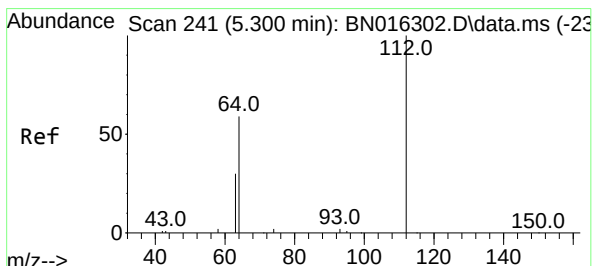
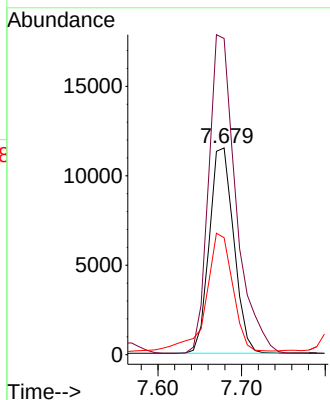
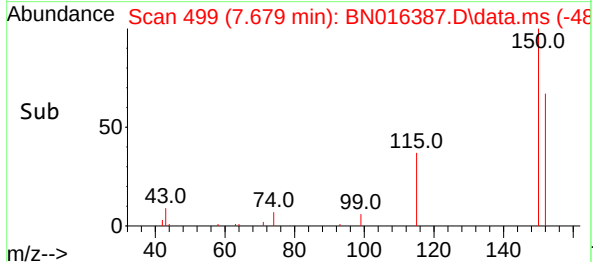
Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-04-(1.0)



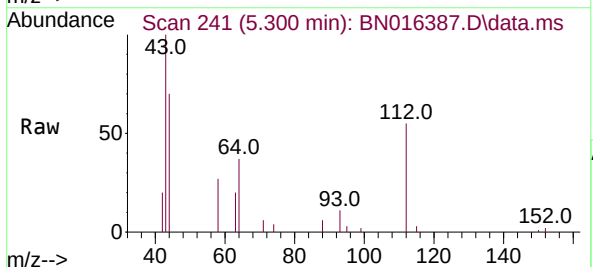
Tgt Ion:152 Resp: 23324
 Ion Ratio Lower Upper
 152 100
 150 152.9 125.6 188.4
 115 56.6 50.2 75.2

Manual Integrations
 APPROVED

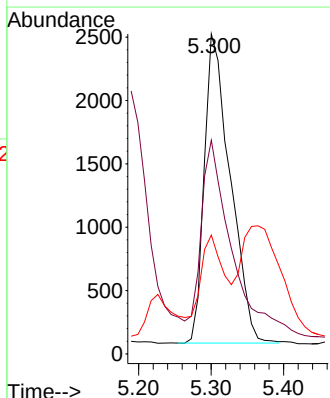
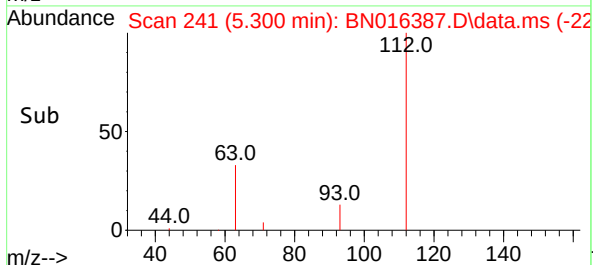
mohammad
 9/22/2021 4:43:10 PM

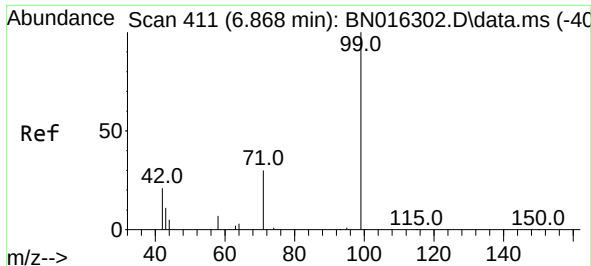


#4
 2-Fluorophenol
 Concen: 0.103 ng
 RT: 5.300 min Scan# 241
 Delta R.T. 0.019 min
 Lab File: BN016387.D
 Acq: 21 Sep 2021 21:33



Tgt Ion:112 Resp: 6057
 Ion Ratio Lower Upper
 112 100
 64 61.4 47.3 70.9
 63 22.3 23.4 35.0#





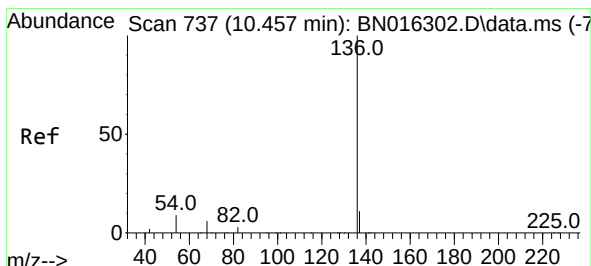
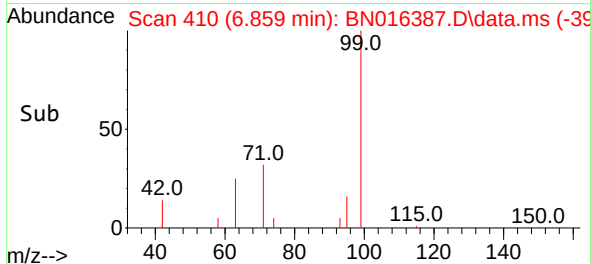
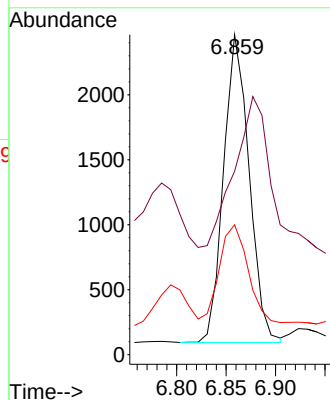
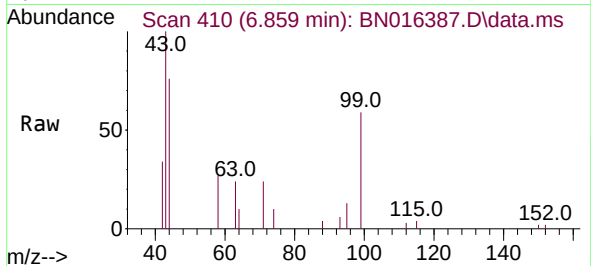
#5
Phenol-d6
Concen: 0.060 ng
RT: 6.859 min Scan# 410
Delta R.T. 0.009 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

Tgt Ion: 99 Resp: 4262
Ion Ratio Lower Upper
99 100
42 66.7 14.0 21.0#
71 34.8 23.8 35.6

Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.0)

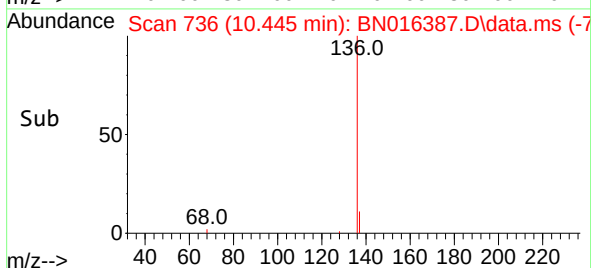
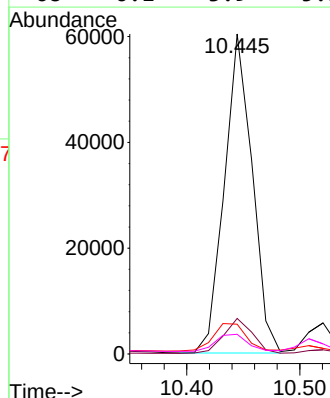
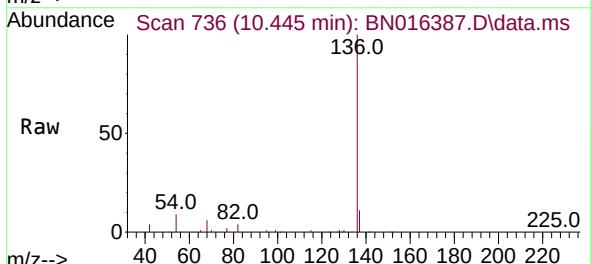
Manual Integrations
APPROVED

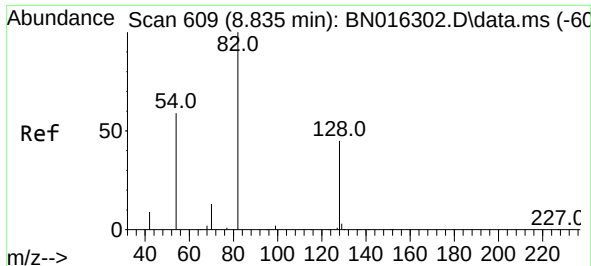
mohammad
9/22/2021 4:43:10 PM



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

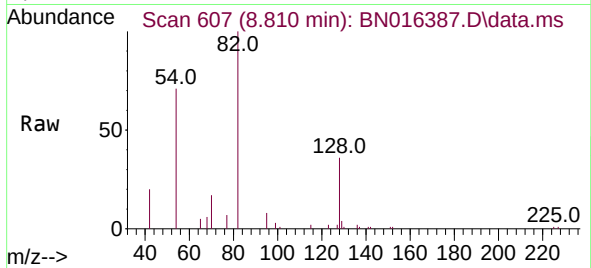
Tgt Ion: 136 Resp: 103246
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.3 5.3 7.9#
68 6.1 3.9 5.9#





#8
Nitrobenzene-d5
Concen: 0.293 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

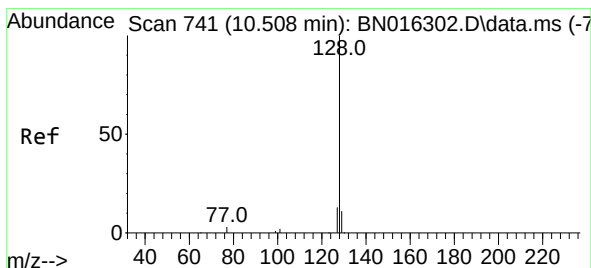
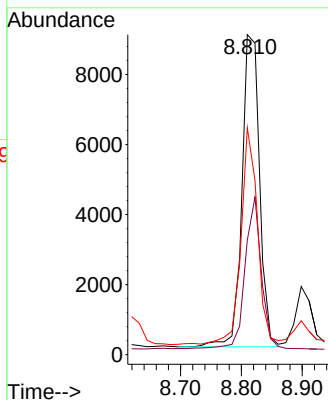
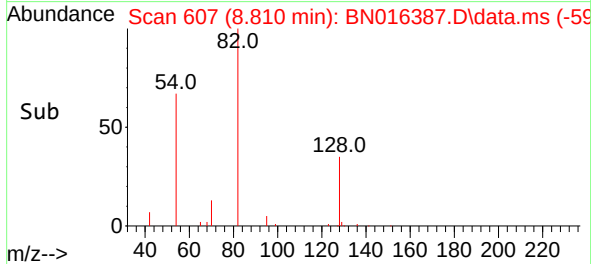
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.0)



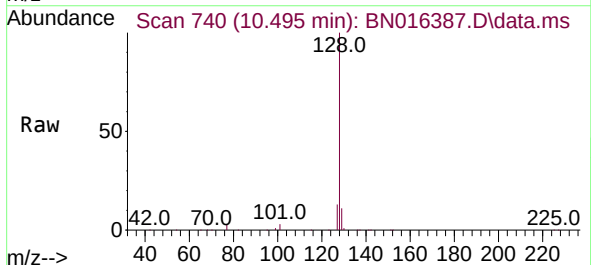
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.8	31.7	47.5
54	70.9	46.4	69.6

Manual Integrations
APPROVED

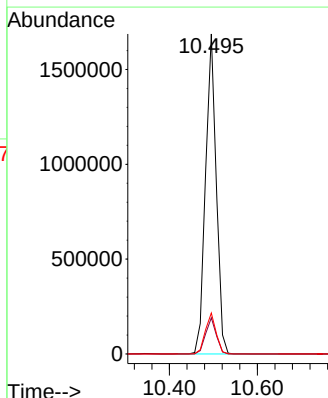
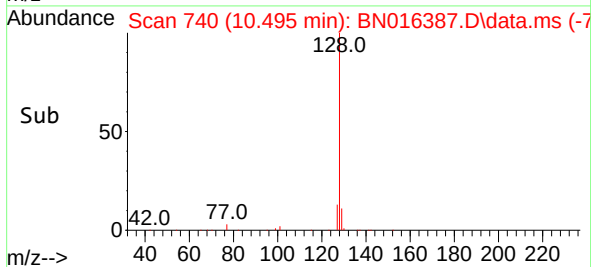
mohammad
9/22/2021 4:43:10 PM

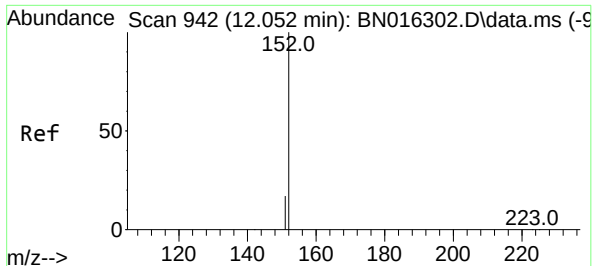


#9
Naphthalene
Concen: 10.236 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33



Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	12.8	10.1	15.1





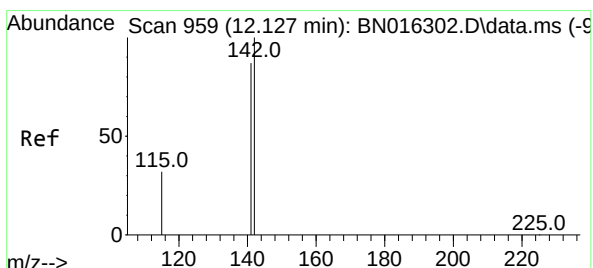
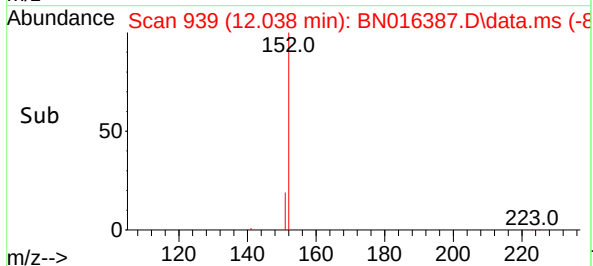
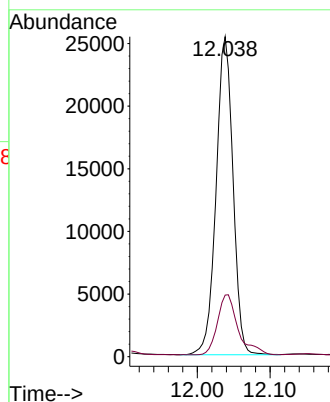
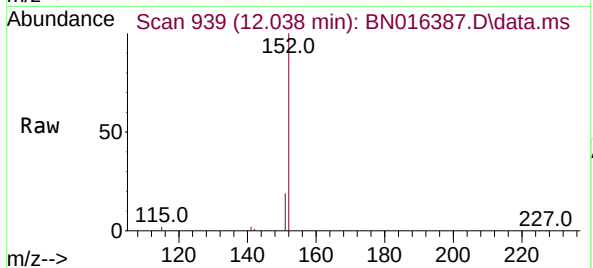
#11
2-Methylnaphthalene-d10
Concen: 0.252 ng
RT: 12.038 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

Tgt Ion:152 Resp: 40942
Ion Ratio Lower Upper
152 100
151 23.1 16.1 24.1

Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.0)

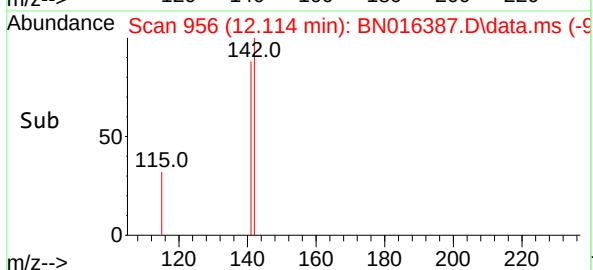
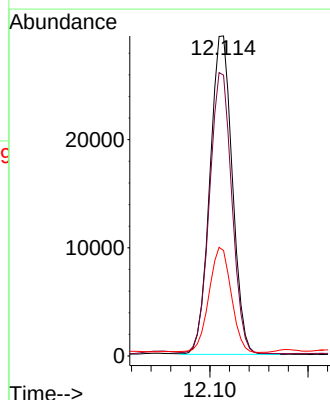
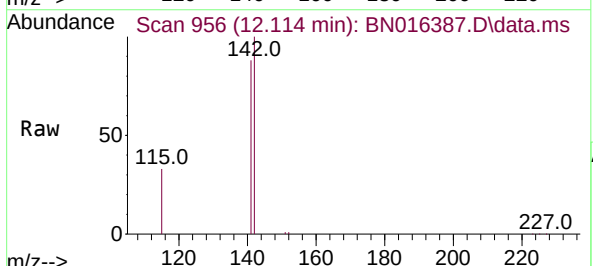
Manual Integrations
APPROVED

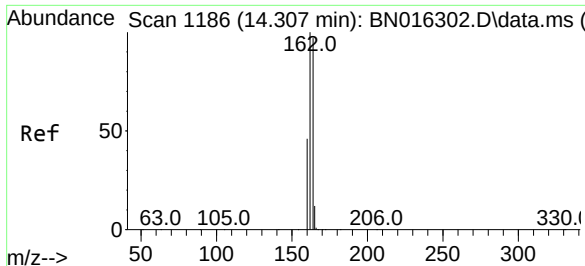
mohammad
9/22/2021 4:43:10 PM



#12
2-Methylnaphthalene
Concen: 0.254 ng
RT: 12.114 min Scan# 956
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

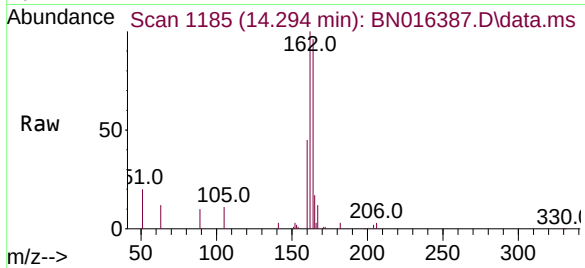
Tgt Ion:142 Resp: 46874
Ion Ratio Lower Upper
142 100
141 87.8 69.8 104.8
115 32.9 24.4 36.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

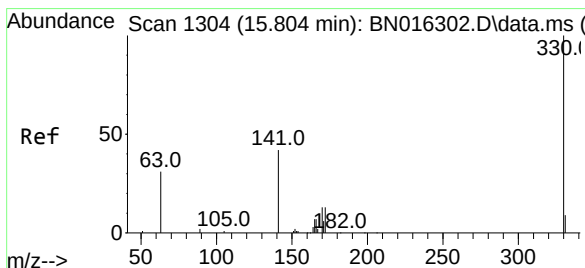
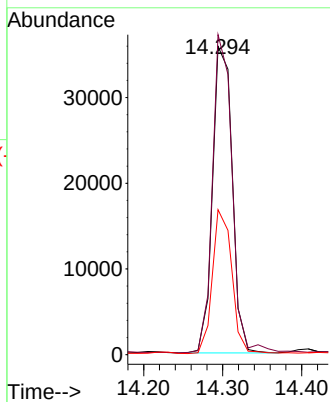
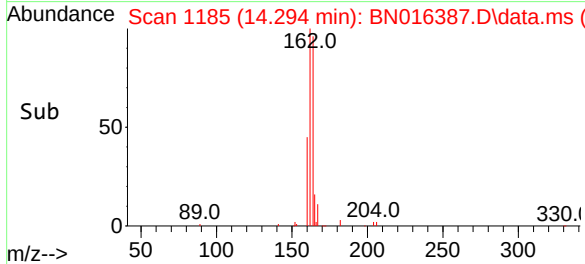
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.0)



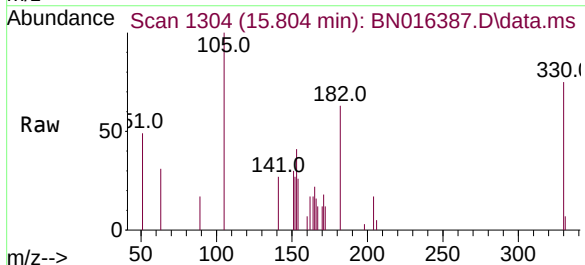
Tgt Ion:164 Resp: 61948
Ion Ratio Lower Upper
164 100
162 103.8 79.0 118.4
160 47.0 34.1 51.1

Manual Integrations
APPROVED

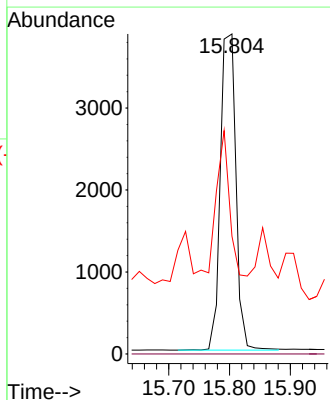
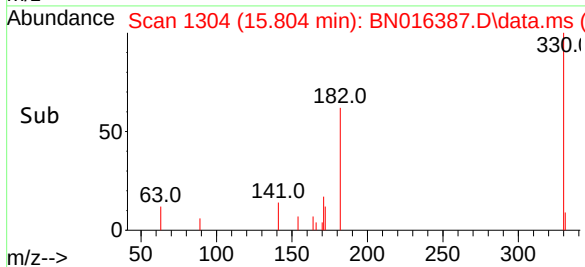
mohammad
9/22/2021 4:43:10 PM

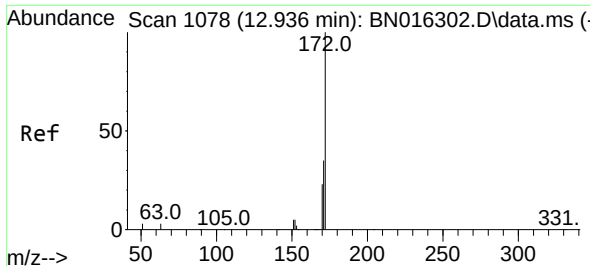


#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.013 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33



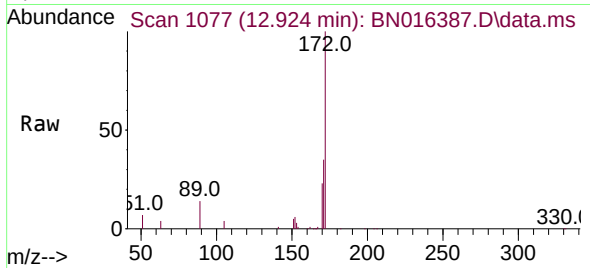
Tgt Ion:330 Resp: 6824
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.4 25.0 37.4#





#15
2-Fluorobiphenyl
Concen: 0.221 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

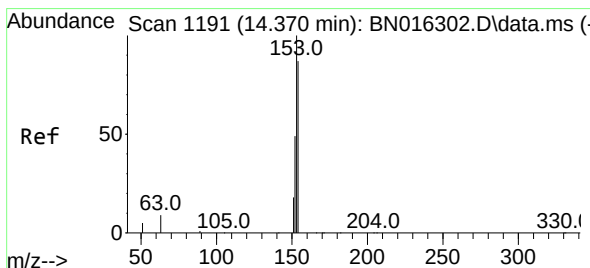
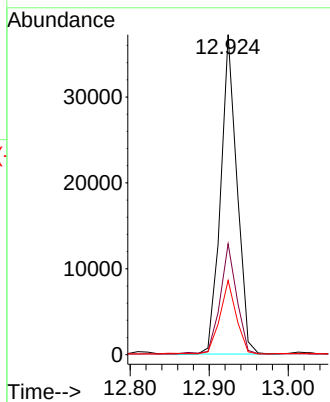
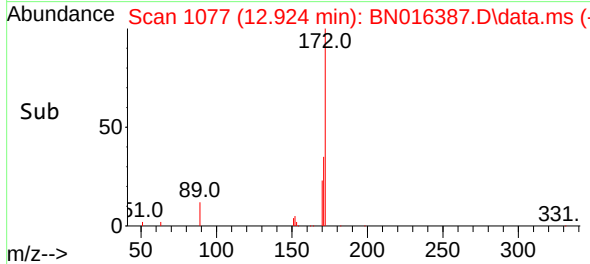
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.0)



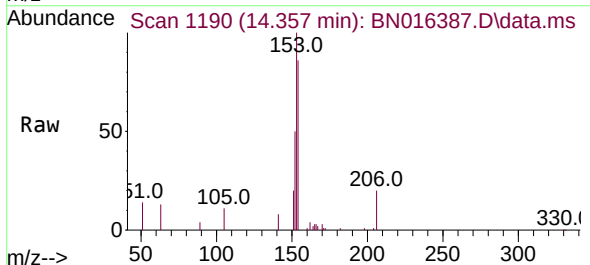
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.2	18.2	27.2

Manual Integrations
APPROVED

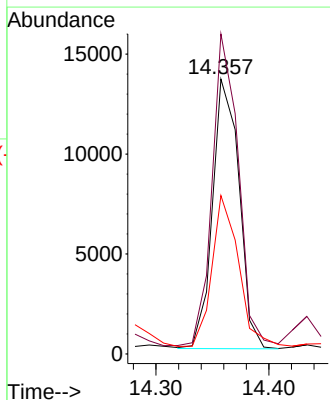
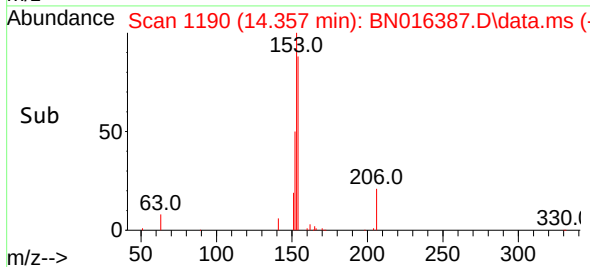
mohammad
9/22/2021 4:43:10 PM

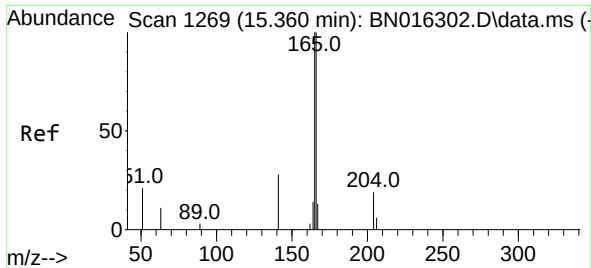


#17
Acenaphthene
Concen: 0.123 ng
RT: 14.357 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33



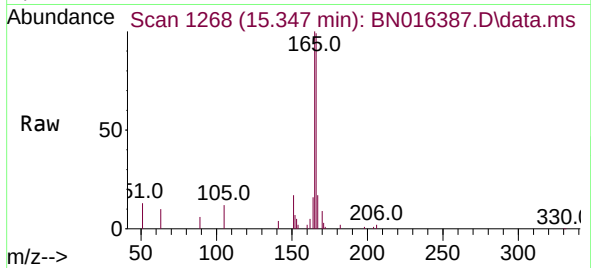
Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.3	133.9
152	56.6	42.2	63.4





#18
Fluorene
Concen: 0.124 ng m
RT: 15.347 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

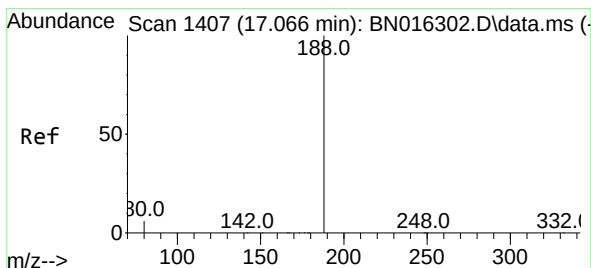
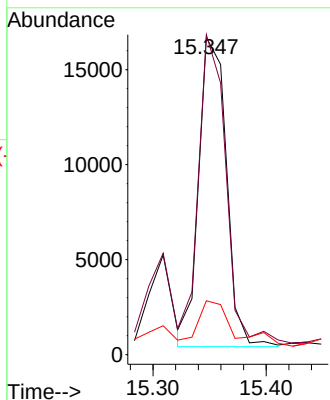
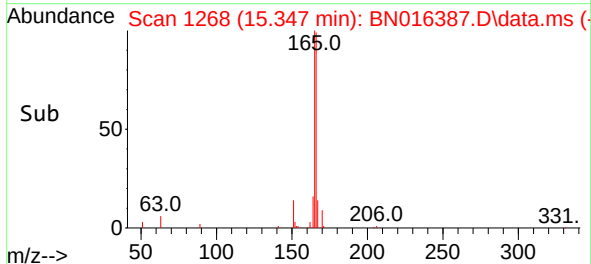
Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.0)



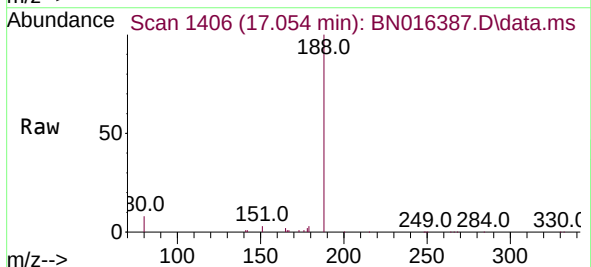
Tgt Ion:166 Resp: 27602
Ion Ratio Lower Upper
166 100
165 122.8 76.7 115.1#
167 19.3 10.9 16.3#

Manual Integrations
APPROVED

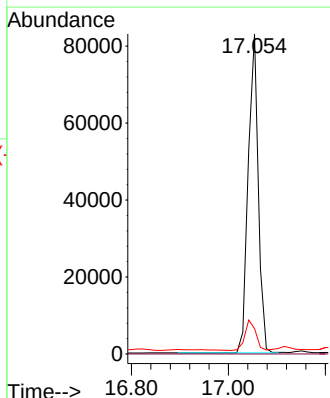
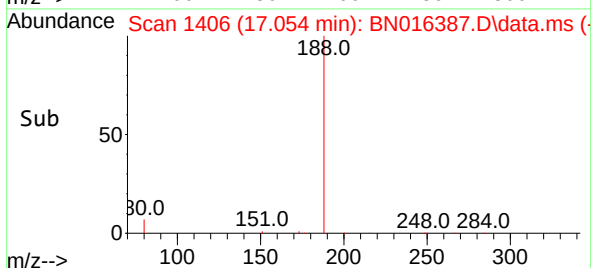
mohammad
9/22/2021 4:43:10 PM

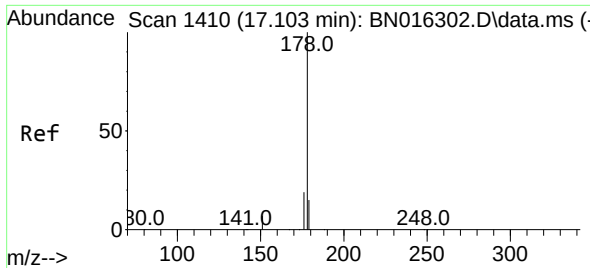


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

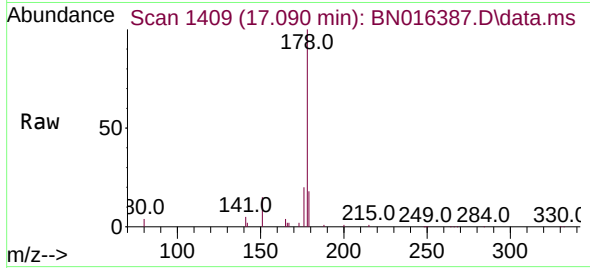


Tgt Ion:188 Resp: 120257
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 7.0 10.6

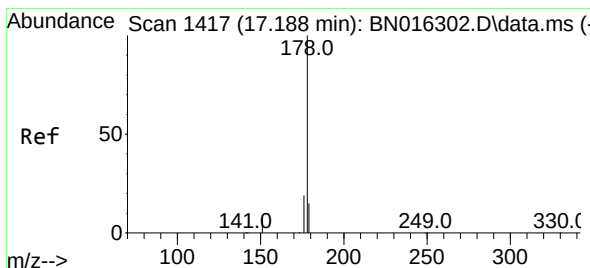
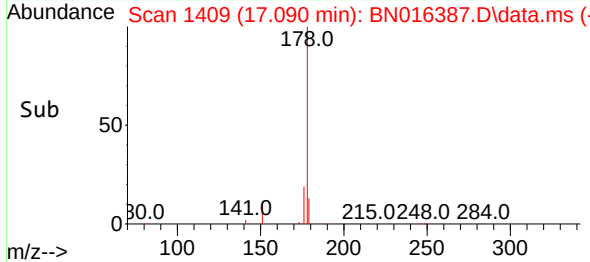
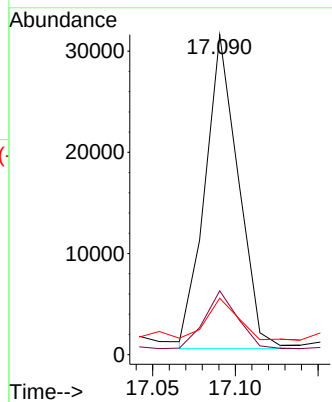




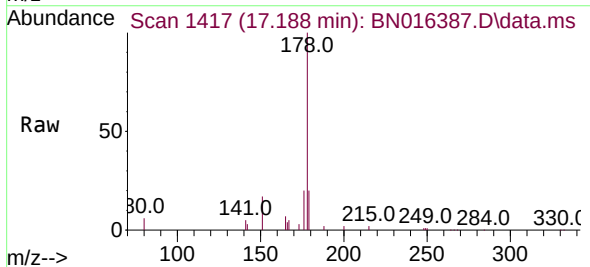
#25
Phenanthrene
Concen: 0.128 ng m
RT: 17.090 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33



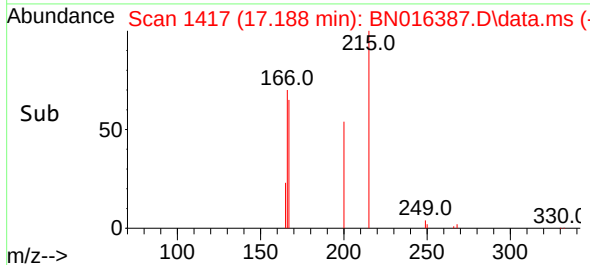
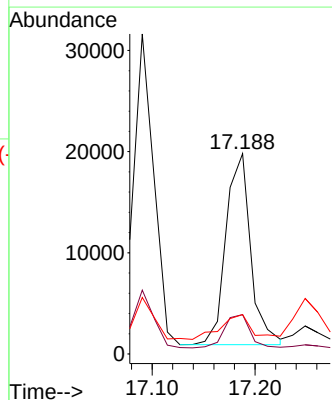
Tgt Ion:178 Resp: 43433
Ion Ratio Lower Upper
178 100
176 20.5 14.4 21.6
179 25.6 12.2 18.4#



#26
Anthracene
Concen: 0.096 ng
RT: 17.188 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33



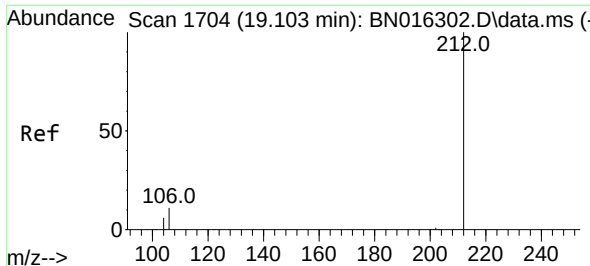
Tgt Ion:178 Resp: 31550
Ion Ratio Lower Upper
178 100
176 18.0 13.9 20.9
179 16.7 12.2 18.4



Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.0)

Manual Integrations
APPROVED

mohammad
9/22/2021 4:43:10 PM



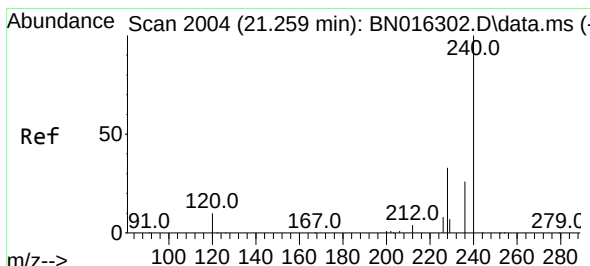
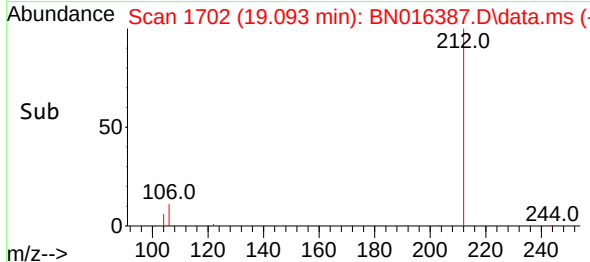
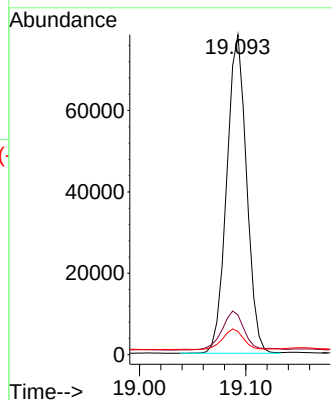
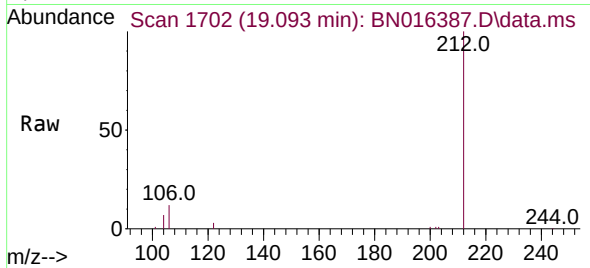
#27
Fluoranthene-d10
Concen: 0.291 ng
RT: 19.093 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

Tgt Ion:212 Resp: 101414
Ion Ratio Lower Upper
212 100
106 14.0 9.8 14.6
104 6.6 5.4 8.2

Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(1.0)

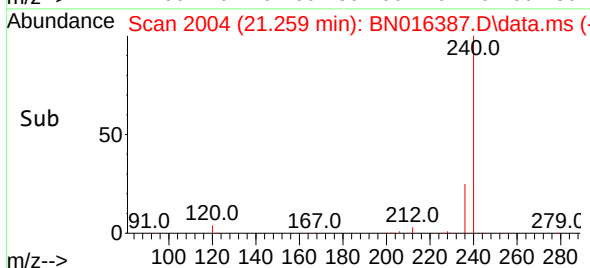
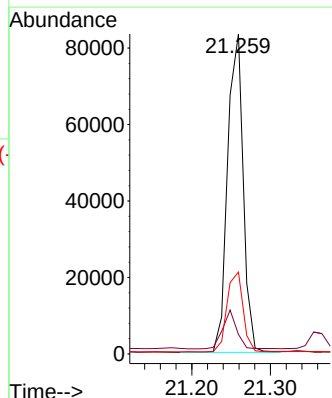
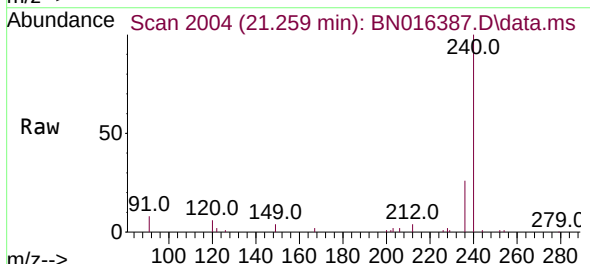
Manual Integrations
APPROVED

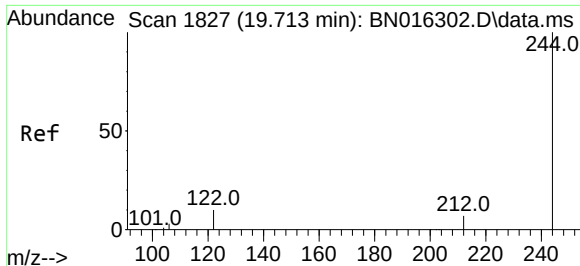
mohammad
9/22/2021 4:43:10 PM



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016387.D
Acq: 21 Sep 2021 21:33

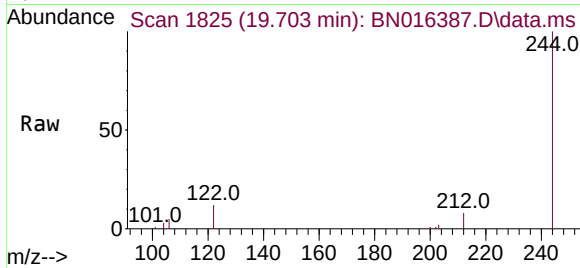
Tgt Ion:240 Resp: 114789
Ion Ratio Lower Upper
240 100
120 6.1 5.3 7.9
236 25.6 19.8 29.8





#31
 Terphenyl-d14
 Concen: 0.297 ng
 RT: 19.703 min Scan# 1825
 Delta R.T. 0.000 min
 Lab File: BN016387.D
 Acq: 21 Sep 2021 21:33

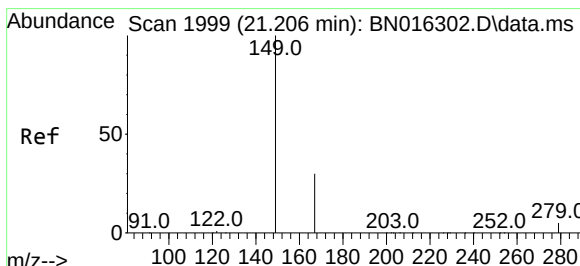
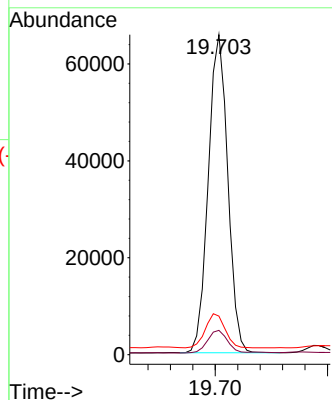
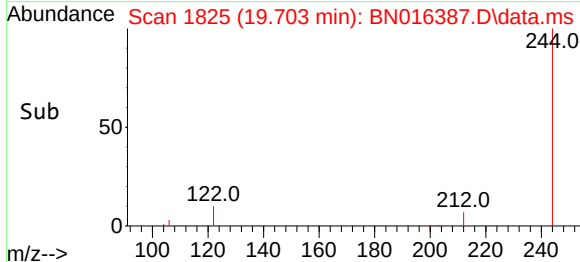
Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-04-(1.0)



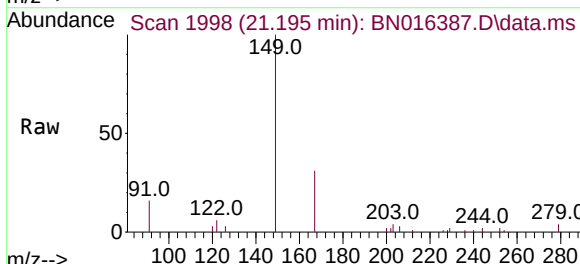
Tgt Ion:244 Resp: 79067
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.5 8.3
 122 12.1 9.0 13.4

Manual Integrations
 APPROVED

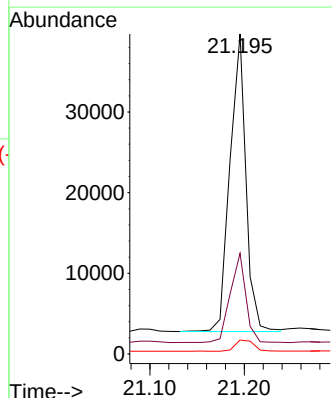
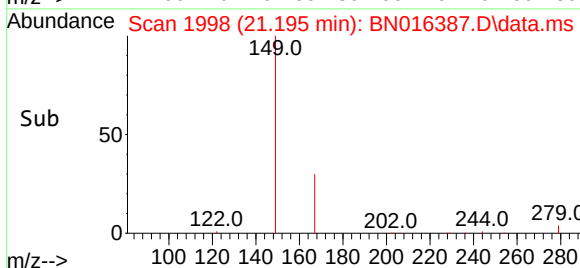
mohammad
 9/22/2021 4:43:10 PM

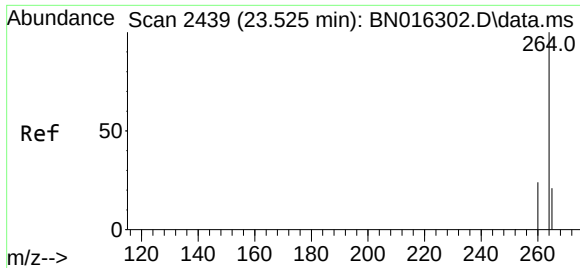


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.218 ng
 RT: 21.195 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: BN016387.D
 Acq: 21 Sep 2021 21:33



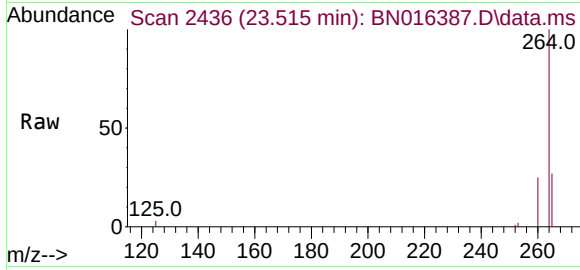
Tgt Ion:149 Resp: 43365
 Ion Ratio Lower Upper
 149 100
 167 29.3 23.4 35.0
 279 4.5 3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.515 min Scan# 2436
 Delta R.T. -0.007 min
 Lab File: BN016387.D
 Acq: 21 Sep 2021 21:33

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-04-(1.0)



Tgt Ion:264 Resp: 112008
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.9 28.3
 265 26.5 23.7 35.5

Manual Integrations
 APPROVED

mohammad
 9/22/2021 4:43:10 PM

