

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062921\
 Data File : BN015204.D
 Acq On : 30 Jun 2021 02:22
 Operator : CG/JU
 Sample : M2783-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20210617

Manual Integrations
 APPROVED

mohammad
 6/30/2021 2:15:06 PM

Quant Time: Jun 30 03:10:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 29 19:13:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	16791	0.400	ng	# 0.00
7) Naphthalene-d8	10.492	136	76155	0.400	ng	#-0.01
13) Acenaphthene-d10	14.346	164	35179	0.400	ng	0.00
19) Phenanthrene-d10	17.091	188	70158	0.400	ng	0.00
29) Chrysene-d12	21.292	240	66852	0.400	ng	#-0.01
35) Perylene-d12	23.540	264	56566	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	5000	0.138	ng	0.03
5) Phenol-d6	6.911	99	4677	0.084	ng	0.00
8) Nitrobenzene-d5	8.870	82	26993	0.388	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	43413	0.347	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	3152	0.385	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	66806	0.453	ng	-0.01
27) Fluoranthene-d10	19.128	212	82096	0.385	ng	0.00
31) Terphenyl-d14	19.734	244	79632	0.539	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.352	88	16249m	3.334	ng	Qvalue
6) bis(2-Chloroethyl)ether	7.169	93	3787	0.071	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.217	149	5679	0.305	ng	# 85

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

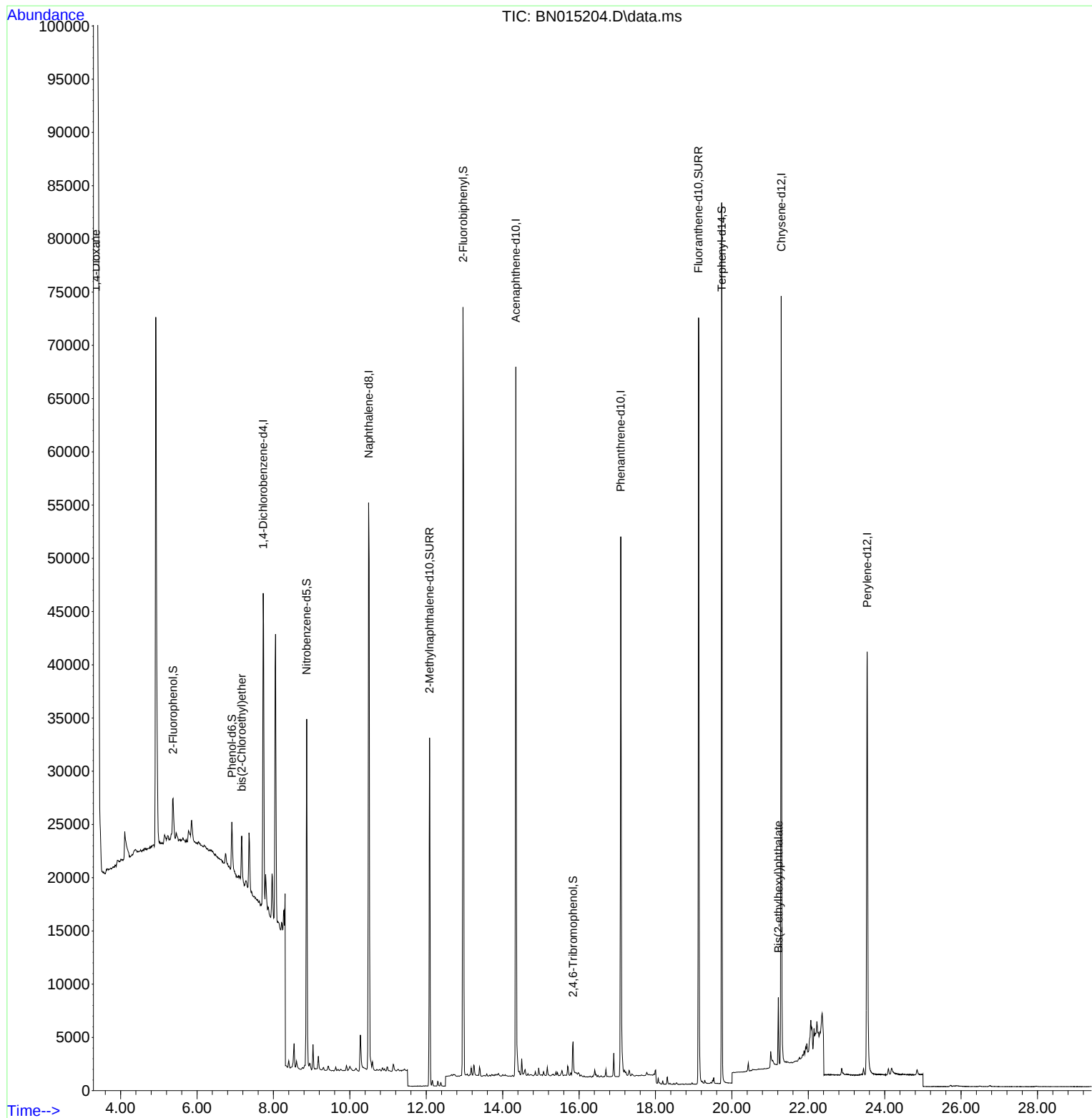
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062921\
Data File : BN015204.D
Acq On : 30 Jun 2021 02:22
Operator : CG/JU
Sample : M2783-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

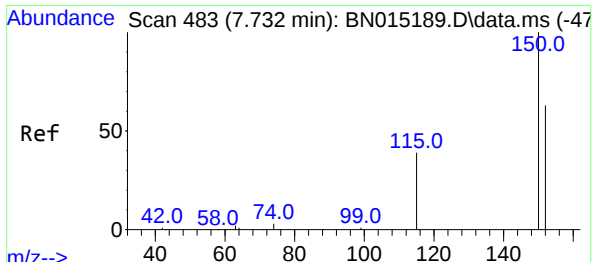
Instrument :
BNA_N
ClientSampleId :
RE114D1-20210617

Manual Integrations
APPROVED

mohammad
6/30/2021 2:15:06 PM

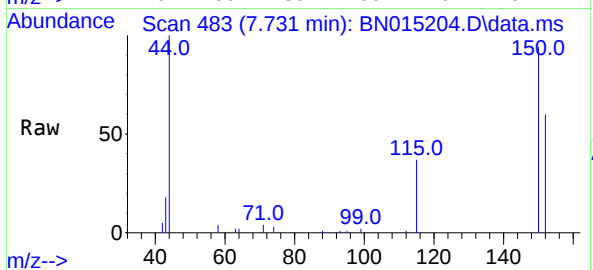
Quant Time: Jun 30 03:10:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 29 19:13:09 2021
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.731 min Scan# 483
 Delta R.T. -0.001 min
 Lab File: BN015204.D
 Acq: 30 Jun 2021 02:22

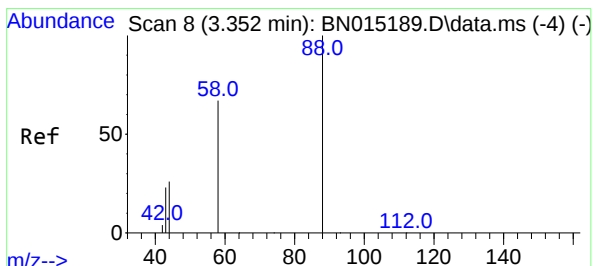
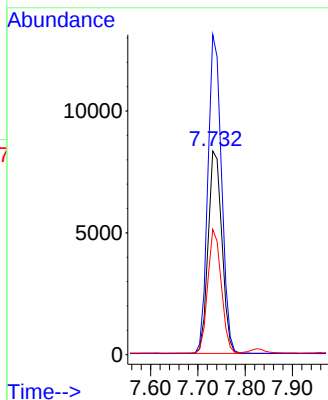
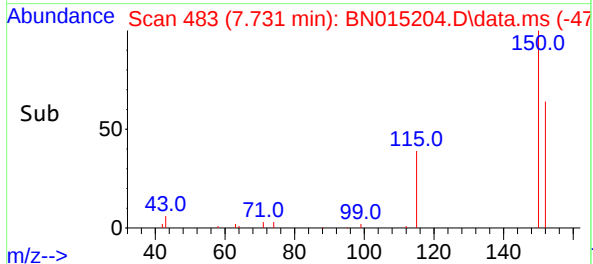
Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20210617



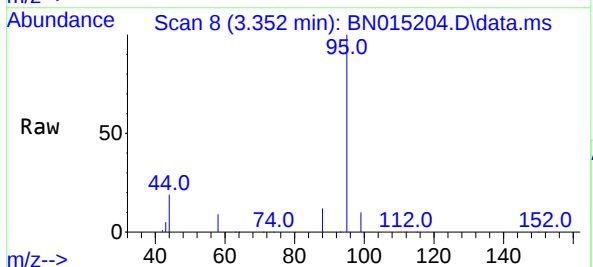
Tgt Ion:152 Resp: 16791
 Ion Ratio Lower Upper
 152 100
 150 157.1 119.0 178.6
 115 61.5 62.2 93.4#

Manual Integrations
 APPROVED

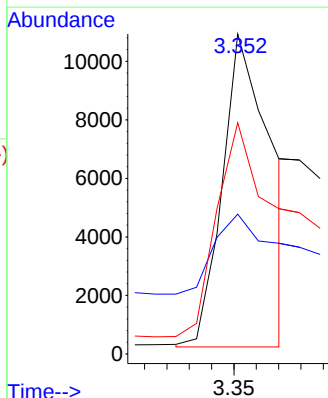
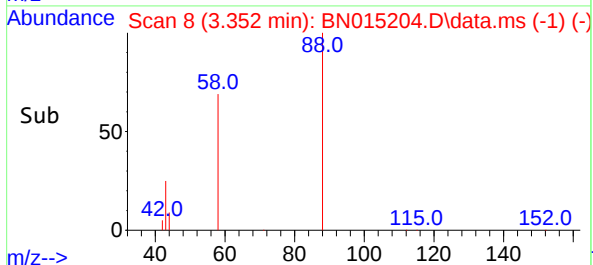
mohammad
 6/30/2021 2:15:06 PM

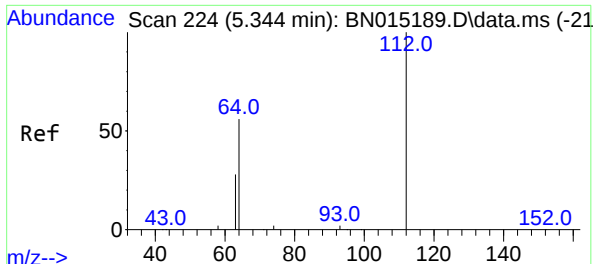


#2
 1,4-Dioxane
 Concen: 3.334 ng m
 RT: 3.352 min Scan# 8
 Delta R.T. -0.000 min
 Lab File: BN015204.D
 Acq: 30 Jun 2021 02:22



Tgt Ion: 88 Resp: 16249
 Ion Ratio Lower Upper
 88 100
 43 59.8 12.9 19.3#
 58 157.5 38.1 57.1#





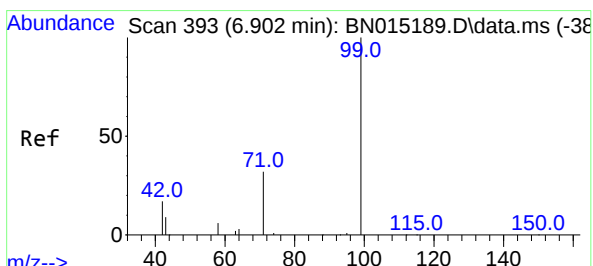
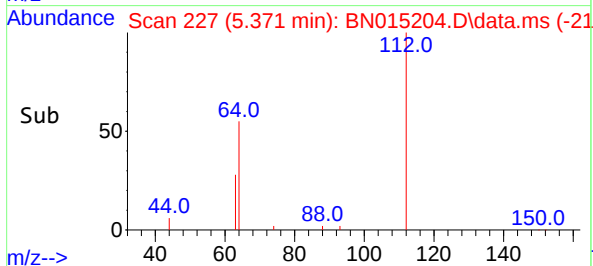
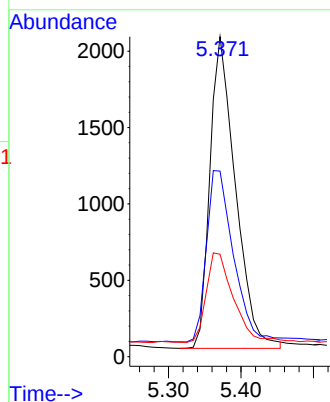
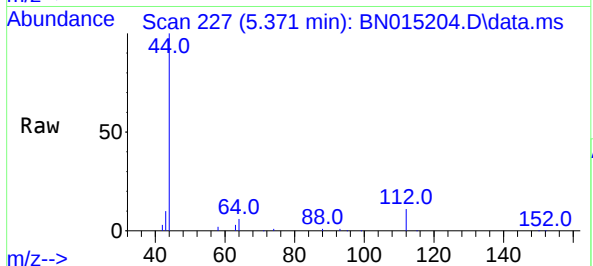
#4
2-Fluorophenol
Concen: 0.138 ng
RT: 5.371 min Scan# 227
Delta R.T. 0.027 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

Tgt Ion: 112 Resp: 5000
Ion Ratio Lower Upper
112 100
64 57.9 39.0 58.6
63 30.3 20.6 30.8

Instrument :
BNA_N
ClientSampleId :
RE114D1-20210617

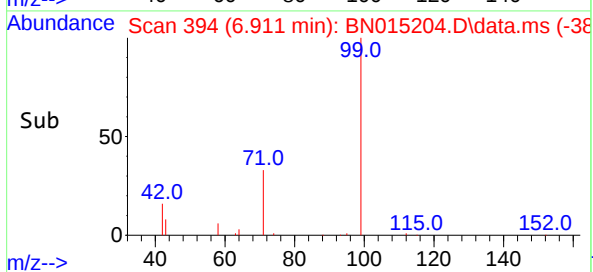
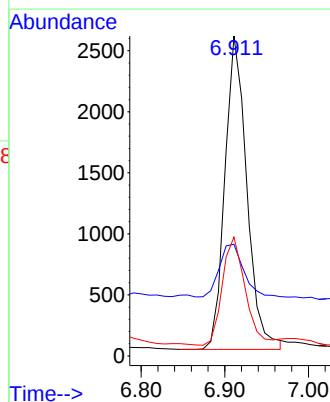
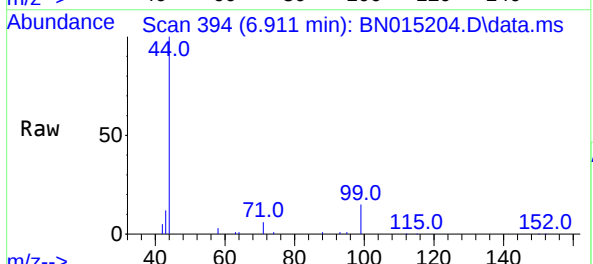
Manual Integrations
APPROVED

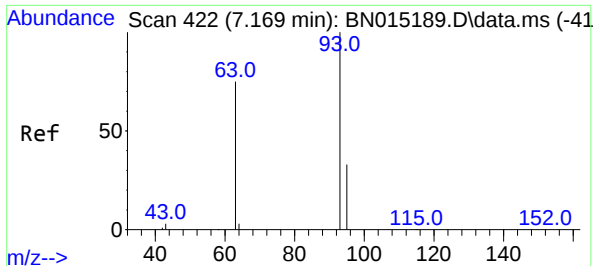
mohammad
6/30/2021 2:15:06 PM



#5
Phenol-d6
Concen: 0.084 ng
RT: 6.911 min Scan# 394
Delta R.T. 0.009 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

Tgt Ion: 99 Resp: 4677
Ion Ratio Lower Upper
99 100
42 18.5 8.9 13.3#
71 36.0 35.6 53.4





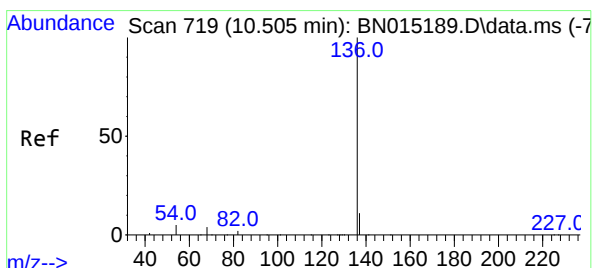
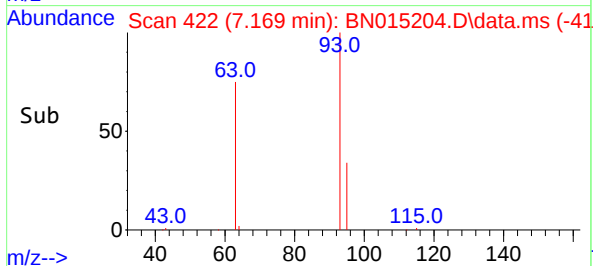
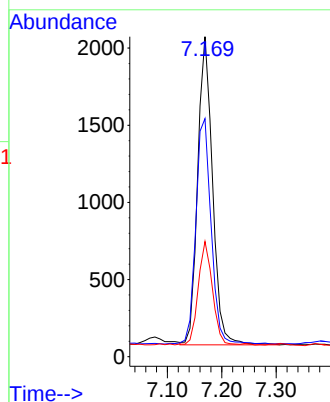
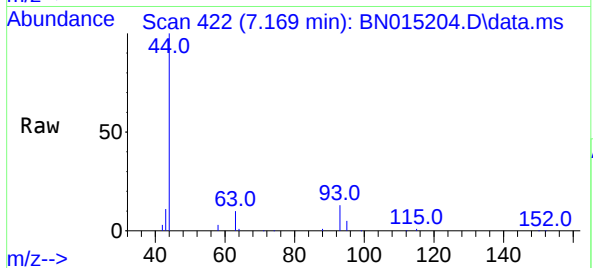
#6
bis(2-Chloroethyl)ether
Concen: 0.071 ng
RT: 7.169 min Scan# 422
Delta R.T. -0.000 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

Tgt Ion: 93	Resp: 3787
Ion Ratio	Lower Upper
93 100	
63 75.5	46.6 70.0#
95 32.0	28.6 42.8

Instrument :
BNA_N
ClientSampleId :
RE114D1-20210617

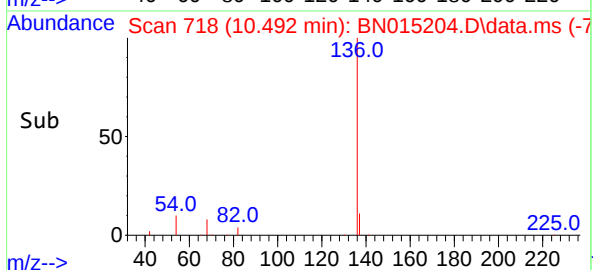
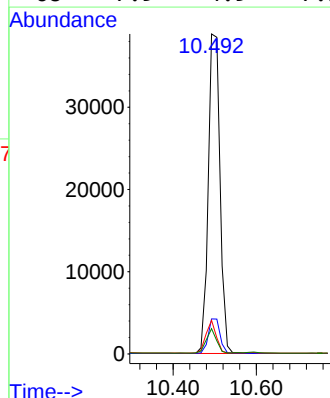
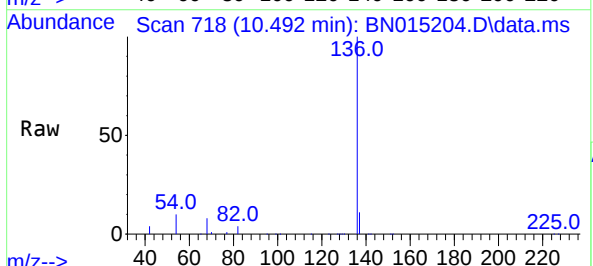
Manual Integrations
APPROVED

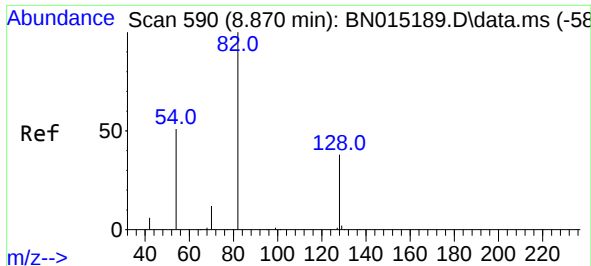
mohammad
6/30/2021 2:15:06 PM



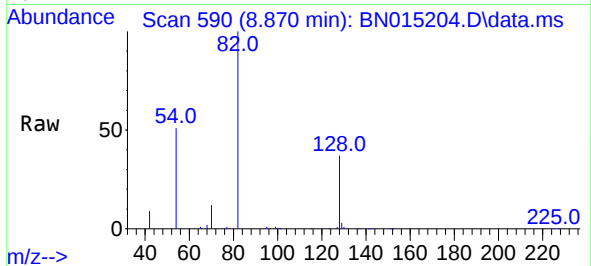
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.492 min Scan# 718
Delta R.T. -0.013 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

Tgt Ion:136	Resp: 76155
Ion Ratio	Lower Upper
136 100	
137 11.0	9.8 14.8
54 10.5	5.4 8.2#
68 7.9	4.9 7.3#

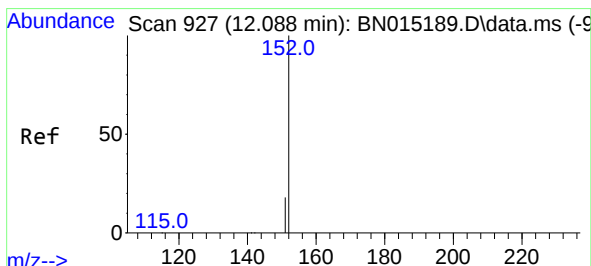
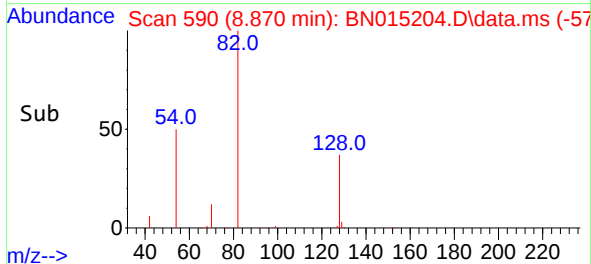
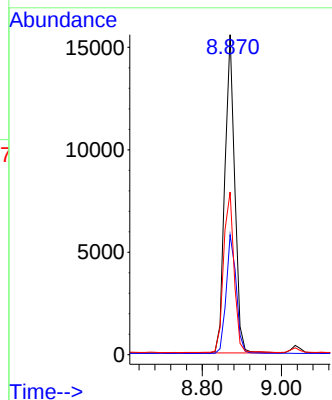




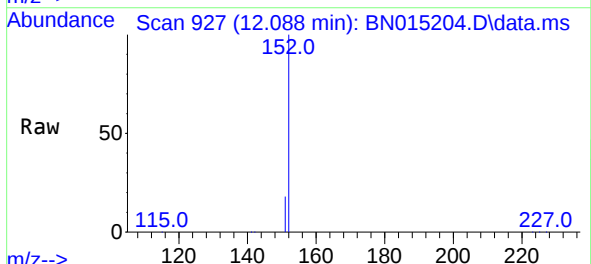
#8
Nitrobenzene-d5
Concen: 0.388 ng
RT: 8.870 min Scan# 590
Delta R.T. -0.000 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22



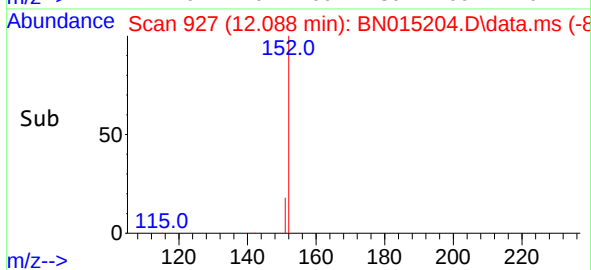
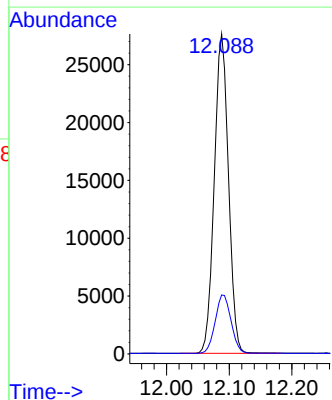
Tgt Ion: 82 Resp: 26993
Ion Ratio Lower Upper
82 100
128 37.4 31.6 47.4
54 50.8 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 12.088 min Scan# 927
Delta R.T. -0.000 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22



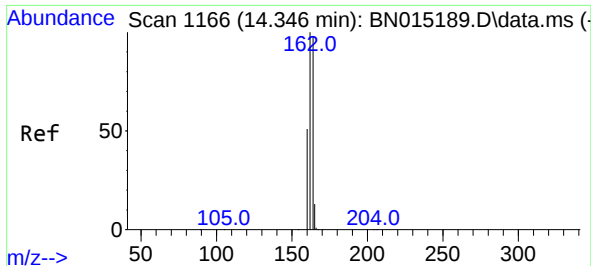
Tgt Ion: 152 Resp: 43413
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1



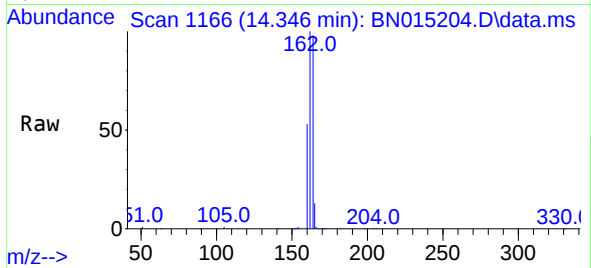
Instrument :
BNA_N
ClientSampleId :
RE114D1-20210617

Manual Integrations
APPROVED

mohammad
6/30/2021 2:15:06 PM

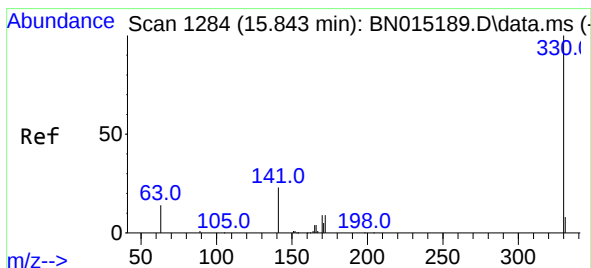
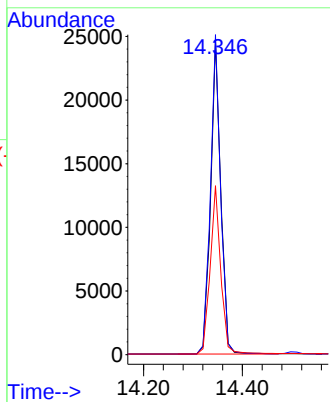
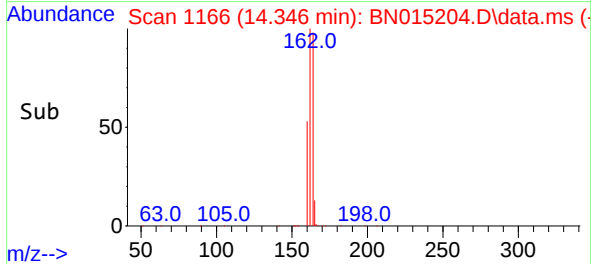


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.346 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

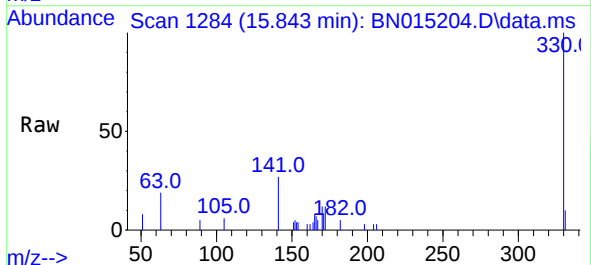


Tgt Ion:164 Resp: 35179

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.8	125.6
160	53.9	37.4	56.0

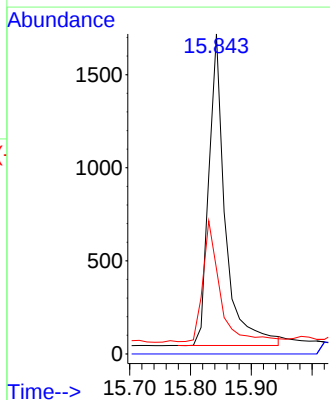
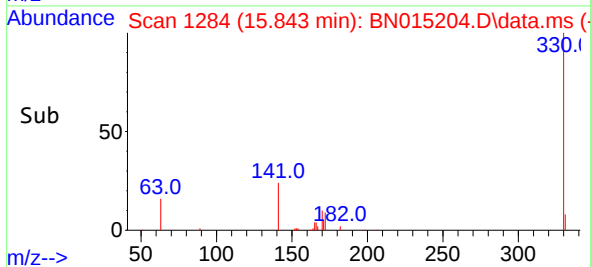


#14
2,4,6-Tribromophenol
Concen: 0.385 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22



Tgt Ion:330 Resp: 3152

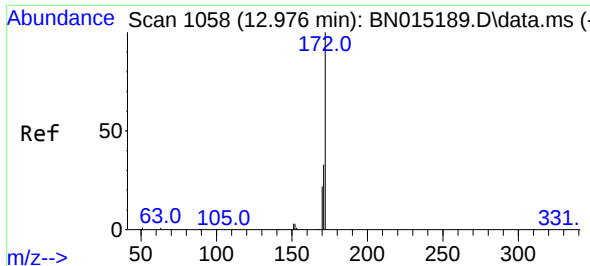
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.5	22.4	33.6#



Instrument :
BNA_N
ClientSampleId :
RE114D1-20210617

Manual Integrations
APPROVED

mohammad
6/30/2021 2:15:06 PM



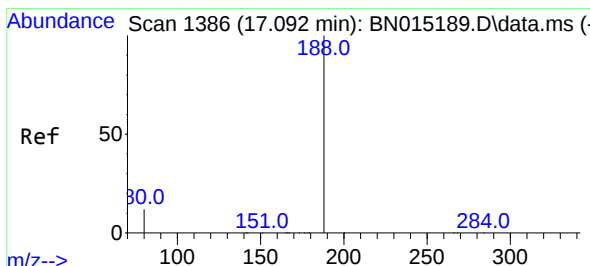
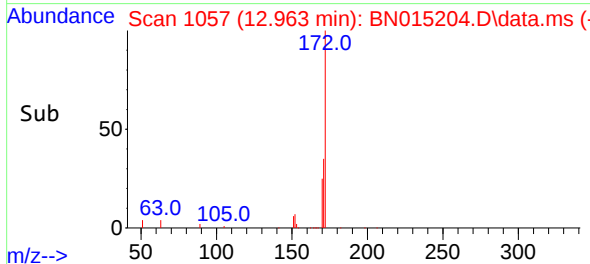
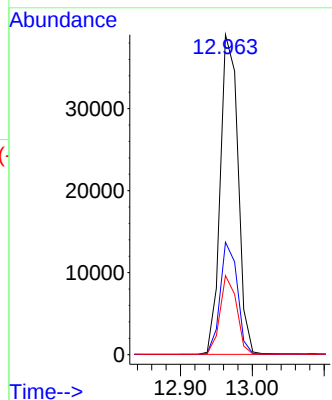
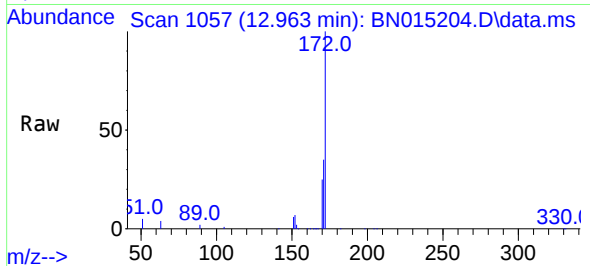
#15
2-Fluorobiphenyl
Concen: 0.453 ng
RT: 12.963 min Scan# 1057
Delta R.T. -0.013 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

Tgt Ion:172 Resp: 66806
Ion Ratio Lower Upper
172 100
171 35.2 30.6 45.8
170 24.7 20.2 30.4

Instrument :
BNA_N
ClientSampleId :
RE114D1-20210617

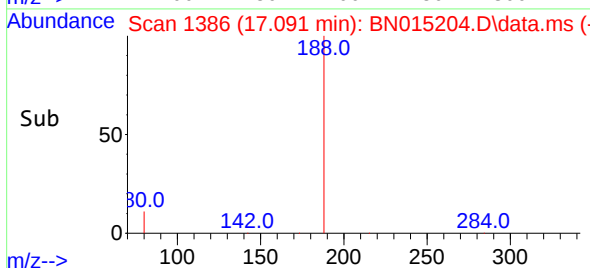
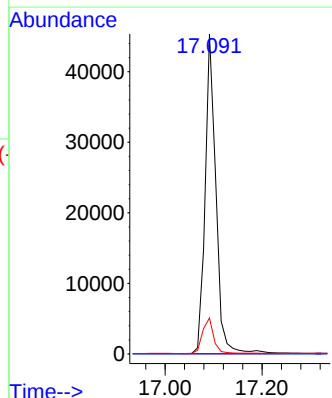
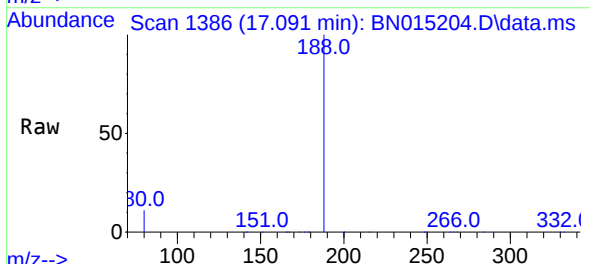
Manual Integrations
APPROVED

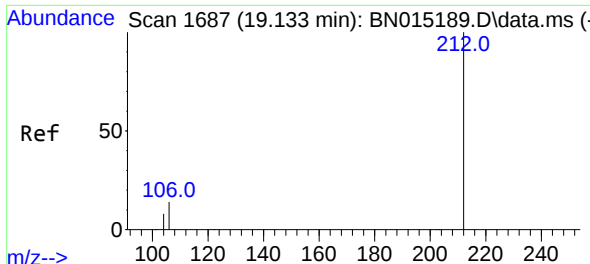
mohammad
6/30/2021 2:15:06 PM



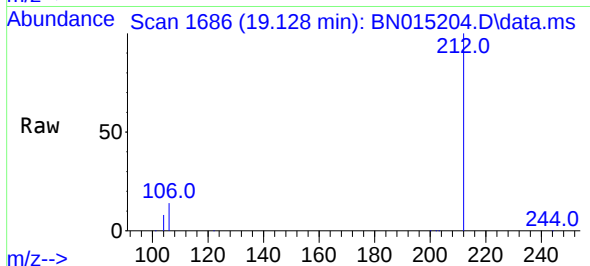
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.091 min Scan# 1386
Delta R.T. -0.001 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

Tgt Ion:188 Resp: 70158
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 9.0 13.4

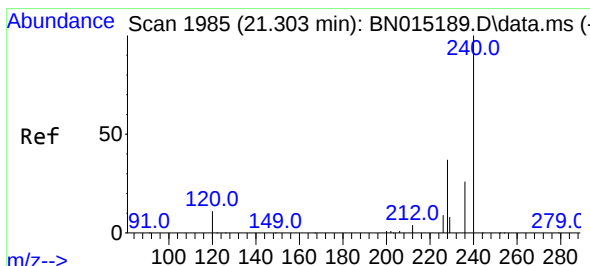
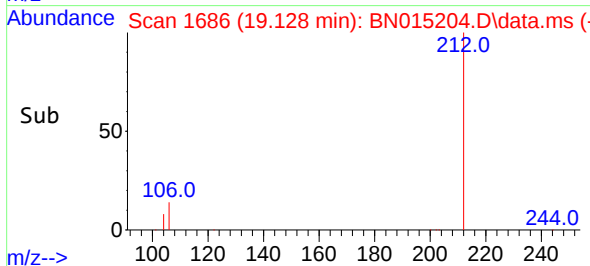
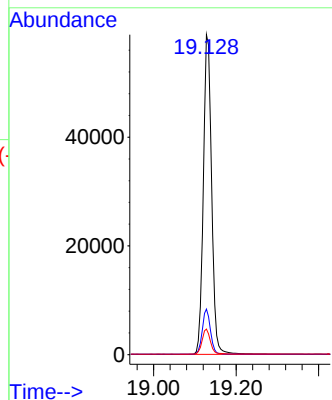




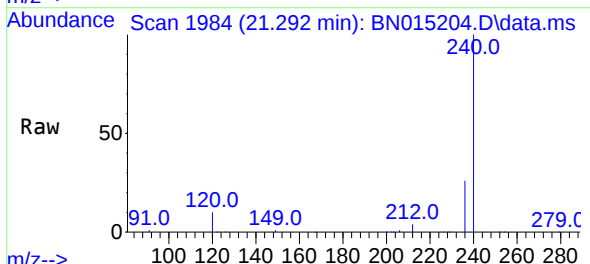
#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.128 min Scan# 1686
Delta R.T. -0.005 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22



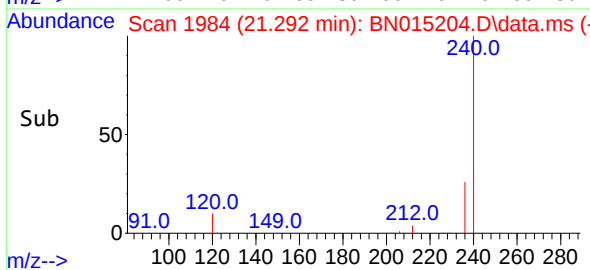
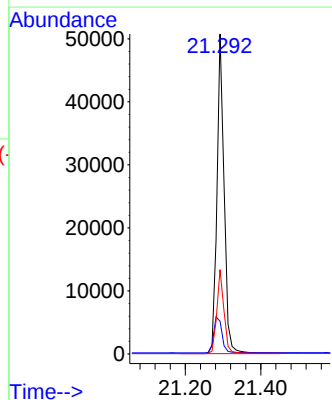
Tgt Ion:212 Resp: 82096
Ion Ratio Lower Upper
212 100
106 13.9 7.0 10.6#
104 7.9 4.1 6.1#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22



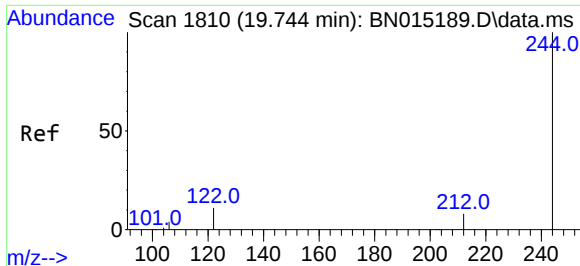
Tgt Ion:240 Resp: 66852
Ion Ratio Lower Upper
240 100
120 10.3 4.2 6.4#
236 26.4 21.4 32.2



Instrument :
BNA_N
ClientSampleId :
RE114D1-20210617

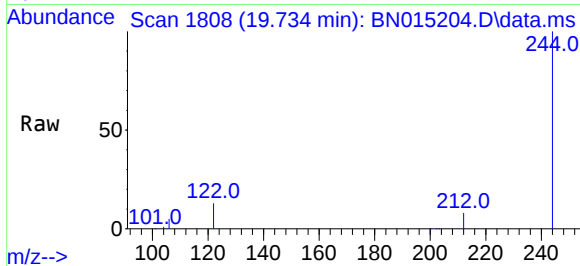
Manual Integrations
APPROVED

mohammad
6/30/2021 2:15:06 PM



#31
Terphenyl-d14
Concen: 0.539 ng
RT: 19.734 min Scan# 1808
Delta R.T. -0.010 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

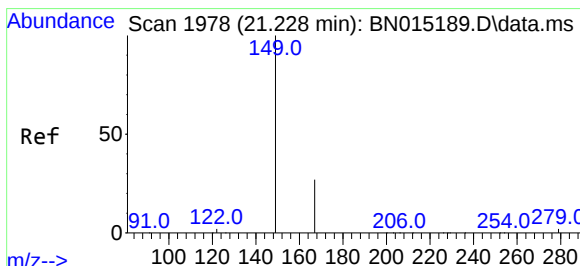
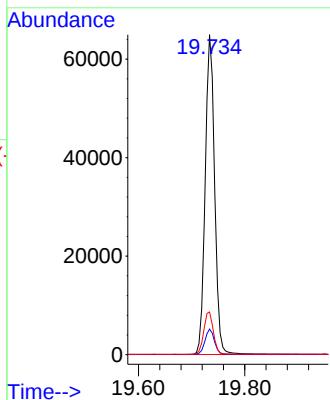
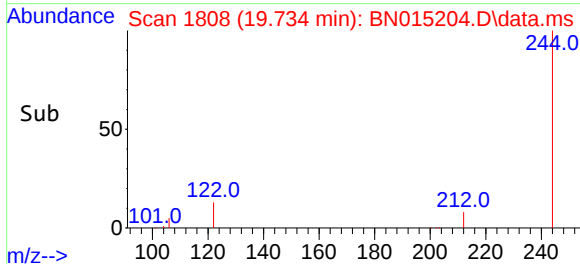
Instrument :
BNA_N
ClientSampleId :
RE114D1-20210617



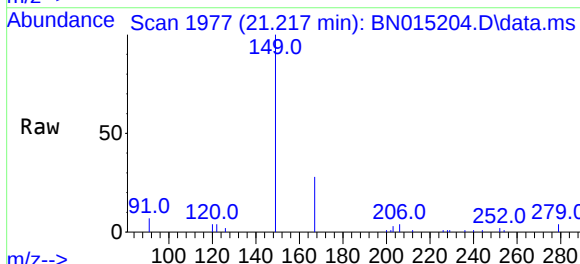
Tgt Ion:244 Resp: 79632
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 13.3 6.2 9.2#

Manual Integrations
APPROVED

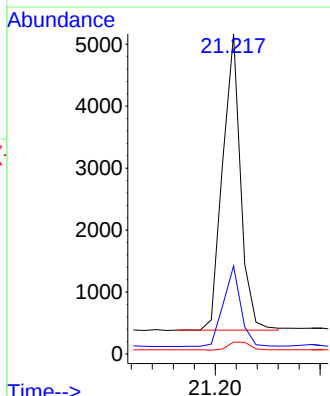
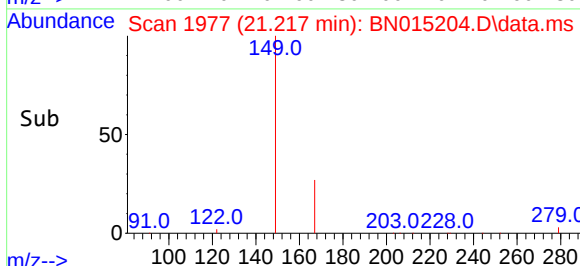
mohammad
6/30/2021 2:15:06 PM

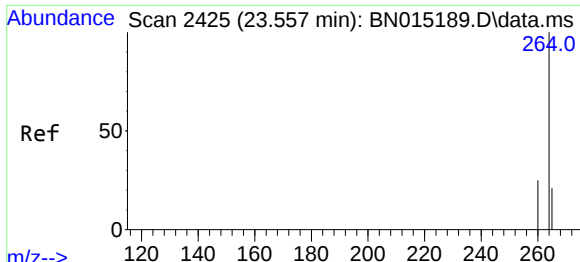


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.305 ng
RT: 21.217 min Scan# 1977
Delta R.T. -0.011 min
Lab File: BN015204.D
Acq: 30 Jun 2021 02:22

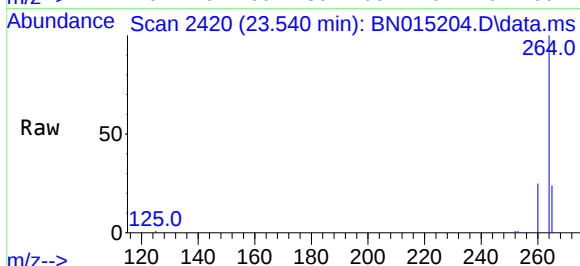


Tgt Ion:149 Resp: 5679
Ion Ratio Lower Upper
149 100
167 26.5 28.9 43.3#
279 3.1 4.9 7.3#

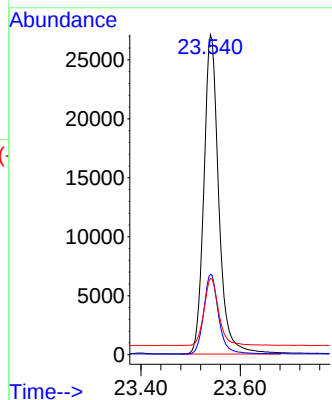
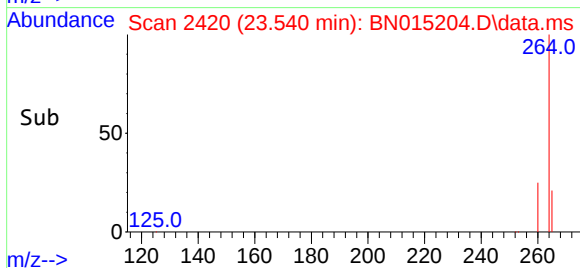




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.540 min Scan# 2420
 Delta R.T. -0.017 min
 Lab File: BN015204.D
 Acq: 30 Jun 2021 02:22



Tgt Ion:	264	Resp:	56566
Ion Ratio	Lower	Upper	
264	100		
260	25.1	20.6	31.0
265	23.9	21.4	32.2



Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20210617

Manual Integrations
 APPROVED

mohammad
 6/30/2021 2:15:06 PM