

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062921\
 Data File : BN015207.D
 Acq On : 30 Jun 2021 04:10
 Operator : CG/JU
 Sample : M2783-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20210617

Manual Integrations
 APPROVED

mohammad
 6/30/2021 2:15:14 PM

Quant Time: Jun 30 06:20:34 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	7.732	152	16310	0.400	ng	# 0.00
7) Naphthalene-d8	10.493	136	73676	0.400	ng	#-0.01
13) Acenaphthene-d10	14.346	164	34000	0.400	ng	0.00
19) Phenanthrene-d10	17.091	188	67257	0.400	ng	0.00
29) Chrysene-d12	21.292	240	62607	0.400	ng	#-0.01
35) Perylene-d12	23.537	264	52228	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	4491	0.127	ng	0.03
5) Phenol-d6	6.911	99	4191	0.078	ng	0.00
8) Nitrobenzene-d5	8.870	82	26285	0.390	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	42226	0.349	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	2657	0.360	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	63934	0.448	ng	-0.01
27) Fluoranthene-d10	19.128	212	78589	0.384	ng	0.00
31) Terphenyl-d14	19.734	244	75914	0.549	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.352	88	23203m	4.901	ng	Qvalue
6) bis(2-Chloroethyl)ether	7.169	93	2598	0.050	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.218	149	4866	0.301	ng	# 84

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

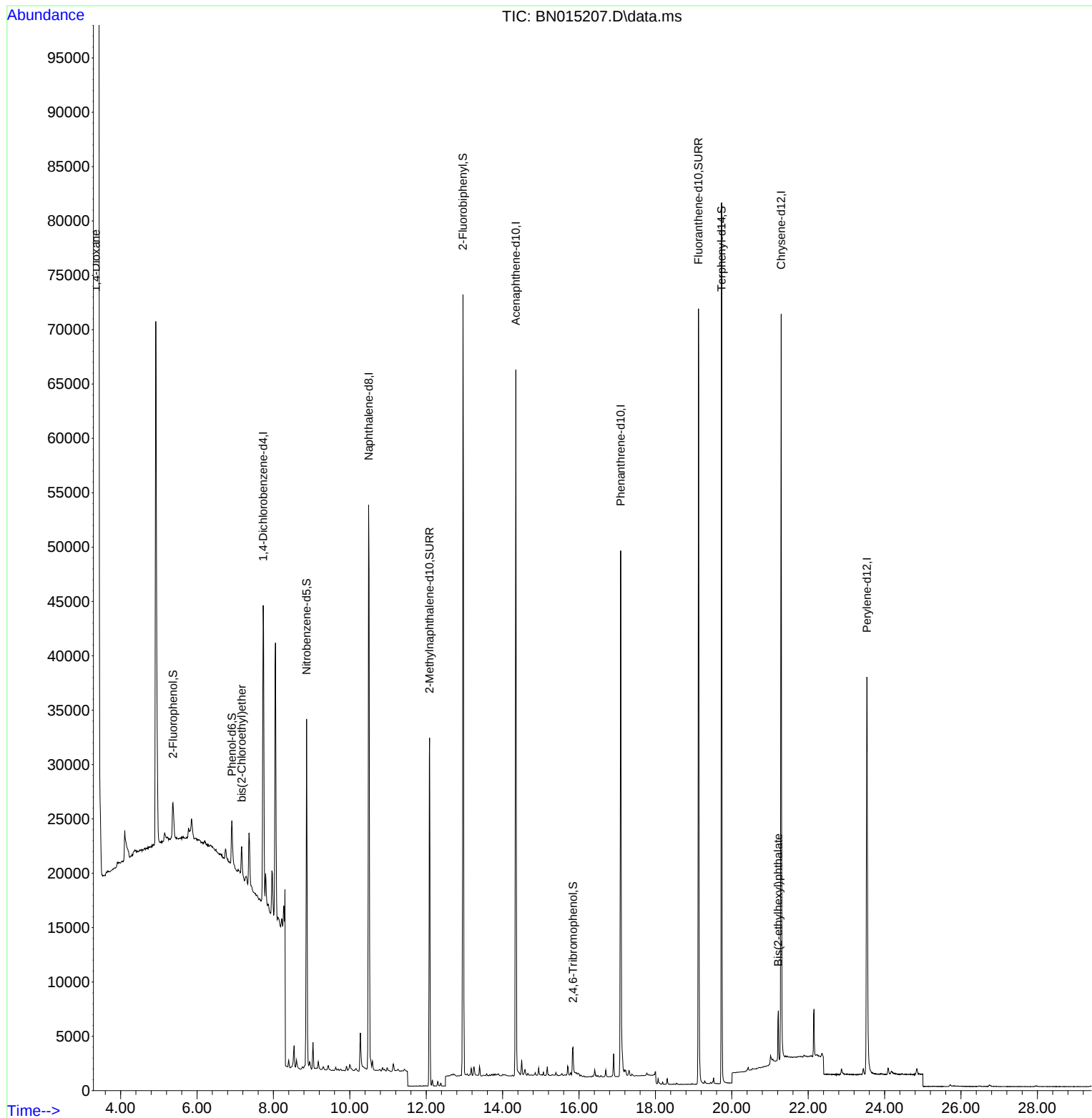
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062921\
Data File : BN015207.D
Acq On : 30 Jun 2021 04:10
Operator : CG/JU
Sample : M2783-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

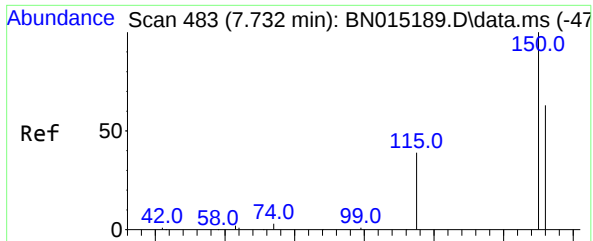
Instrument :
BNA_N
ClientSampleId :
RE115D2-20210617

Manual Integrations
APPROVED

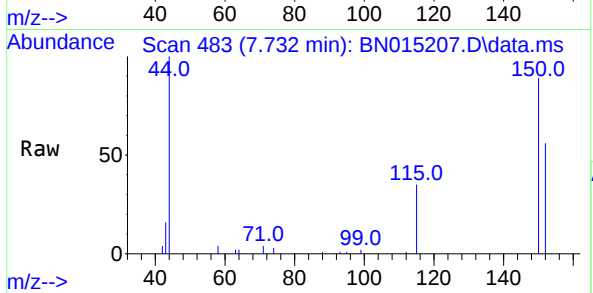
mohammad
6/30/2021 2:15:14 PM

Quant Time: Jun 30 06:20:34 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

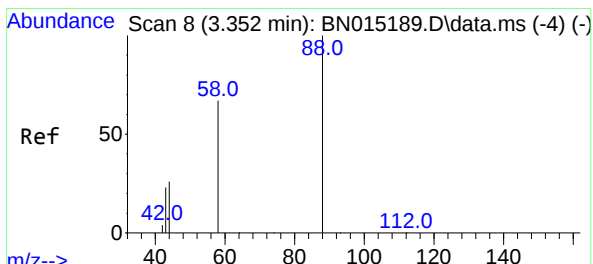
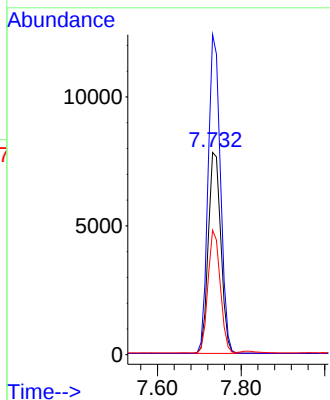
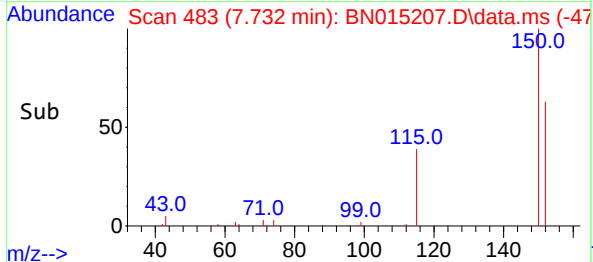




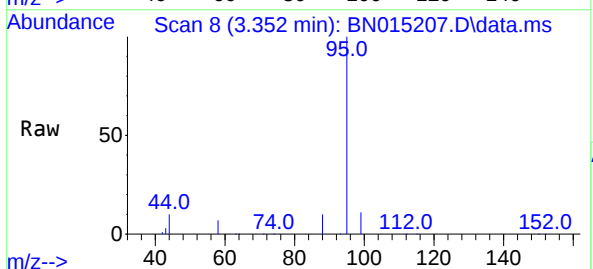
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.732 min Scan# 483
Delta R.T. -0.000 min
Lab File: BN015207.D
Acq: 30 Jun 2021 04:10



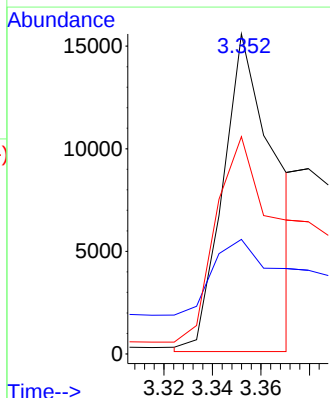
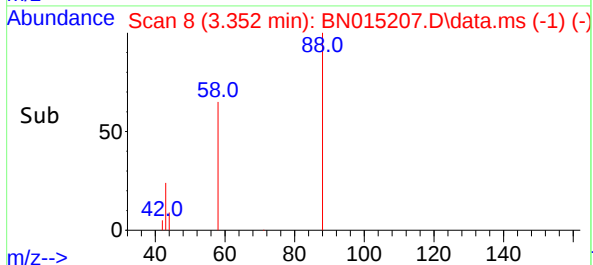
Tgt Ion:152 Resp: 16310
Ion Ratio Lower Upper
152 100
150 158.2 119.0 178.6
115 61.5 62.2 93.4#



#2
1,4-Dioxane
Concen: 4.901 ng m
RT: 3.352 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN015207.D
Acq: 30 Jun 2021 04:10



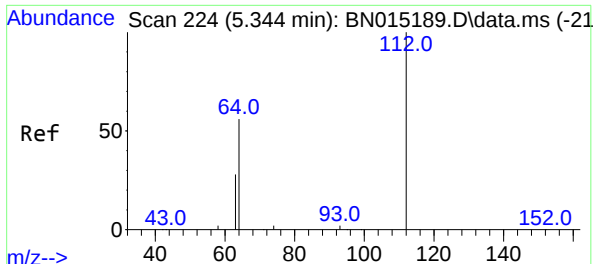
Tgt Ion: 88 Resp: 23203
Ion Ratio Lower Upper
88 100
43 60.0 12.9 19.3#
58 156.2 38.1 57.1#



Instrument :
BNA_N
ClientSampleId :
RE115D2-20210617

Manual Integrations
APPROVED

mohammad
6/30/2021 2:15:14 PM



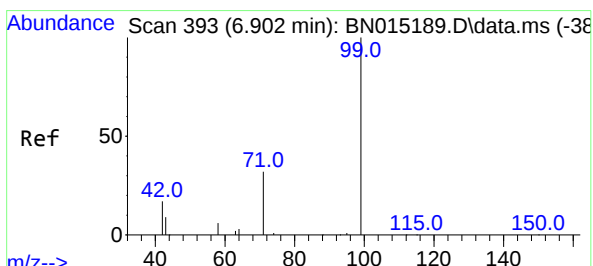
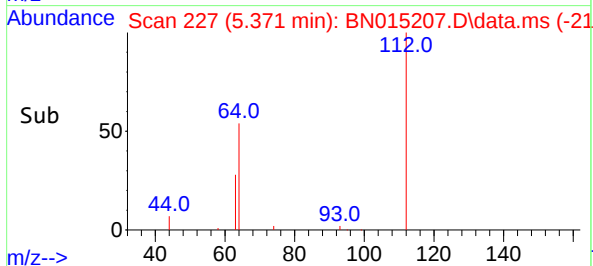
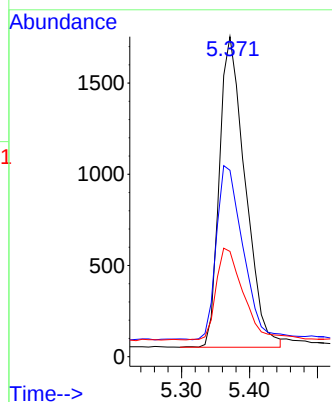
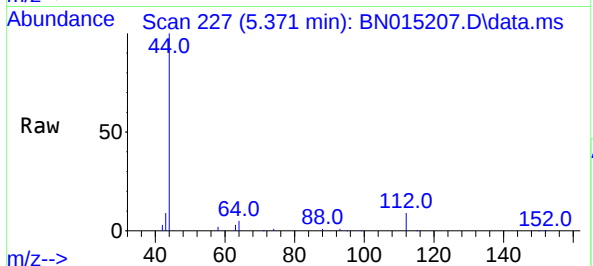
#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.371 min Scan# 227
Delta R.T. 0.028 min
Lab File: BN015207.D
Acq: 30 Jun 2021 04:10

Tgt Ion: 112 Resp: 4491
Ion Ratio Lower Upper
112 100
64 57.9 39.0 58.6
63 31.0 20.6 30.8#

Instrument :
BNA_N
ClientSampleId :
RE115D2-20210617

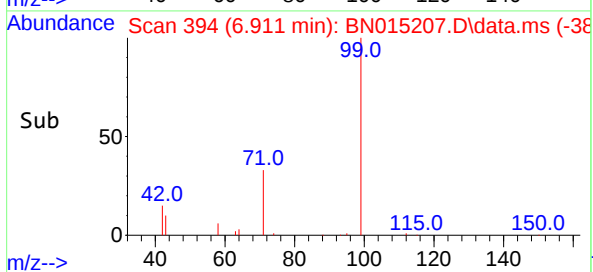
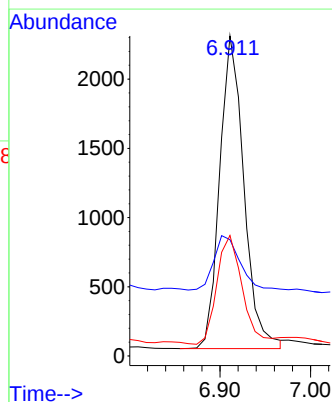
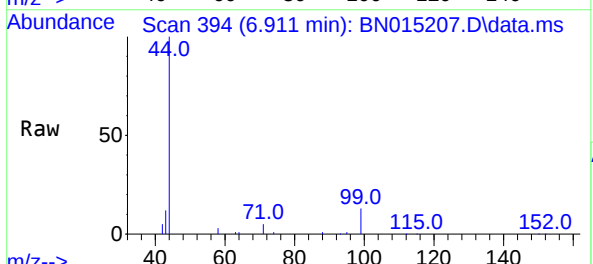
Manual Integrations
APPROVED

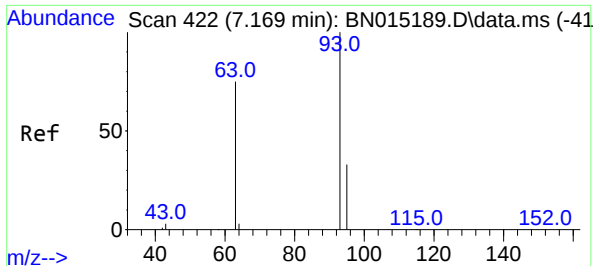
mohammad
6/30/2021 2:15:14 PM



#5
Phenol-d6
Concen: 0.078 ng
RT: 6.911 min Scan# 394
Delta R.T. 0.009 min
Lab File: BN015207.D
Acq: 30 Jun 2021 04:10

Tgt Ion: 99 Resp: 4191
Ion Ratio Lower Upper
99 100
42 18.5 8.9 13.3#
71 36.4 35.6 53.4





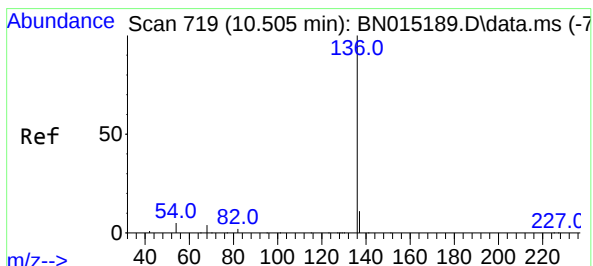
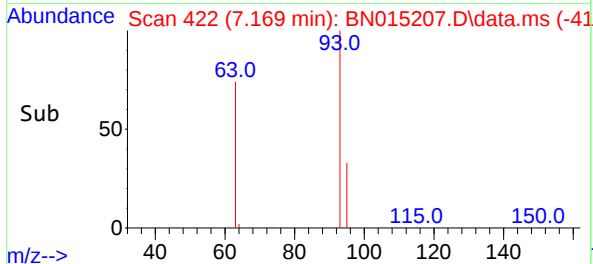
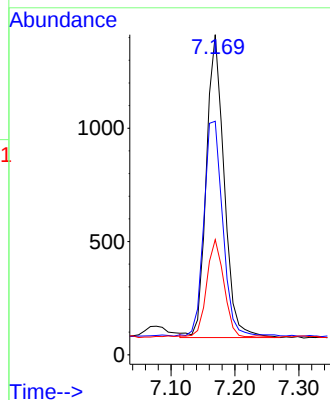
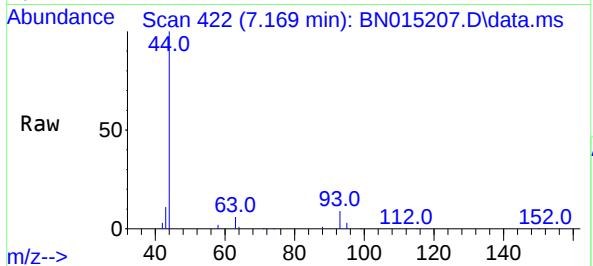
#6
bis(2-Chloroethyl)ether
Concen: 0.050 ng
RT: 7.169 min Scan# 422
Delta R.T. -0.000 min
Lab File: BN015207.D
Acq: 30 Jun 2021 04:10

Tgt Ion: 93 Resp: 2598
Ion Ratio Lower Upper
93 100
63 75.4 46.6 70.0#
95 30.8 28.6 42.8

Instrument :
BNA_N
ClientSampleId :
RE115D2-20210617

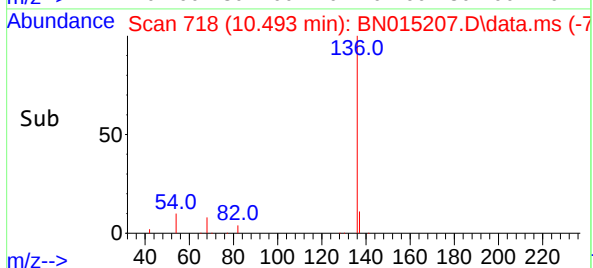
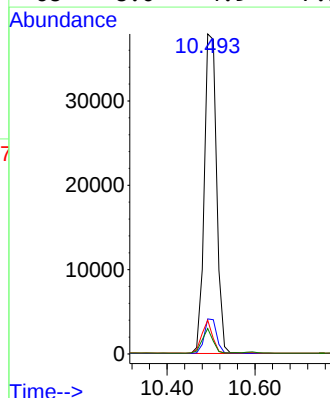
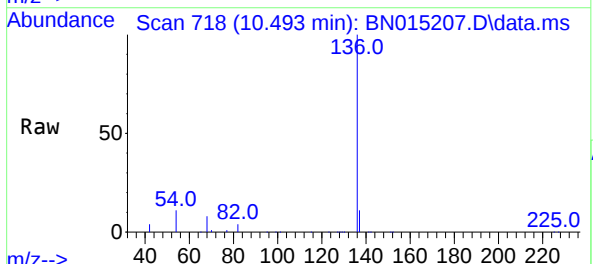
Manual Integrations
APPROVED

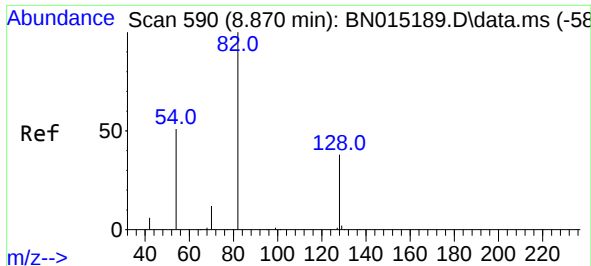
mohammad
6/30/2021 2:15:14 PM



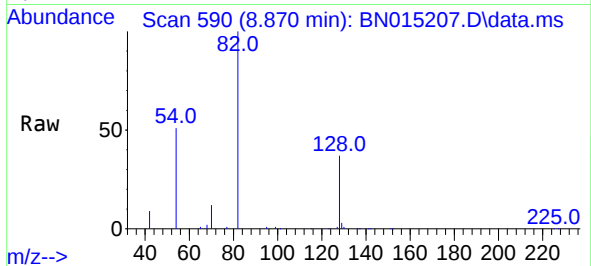
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.493 min Scan# 718
Delta R.T. -0.013 min
Lab File: BN015207.D
Acq: 30 Jun 2021 04:10

Tgt Ion: 136 Resp: 73676
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 10.6 5.4 8.2#
68 8.0 4.9 7.3#

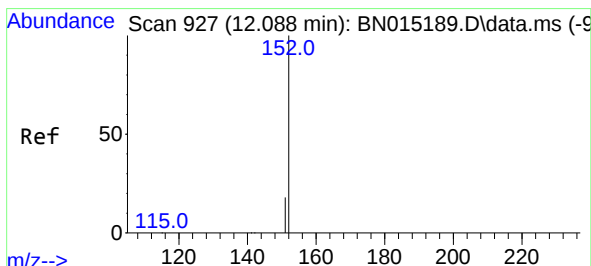
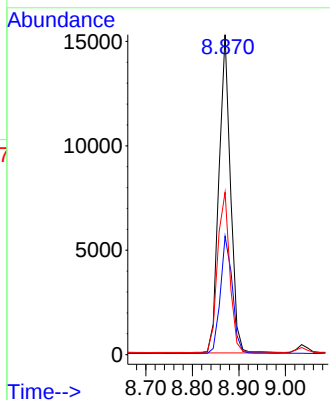
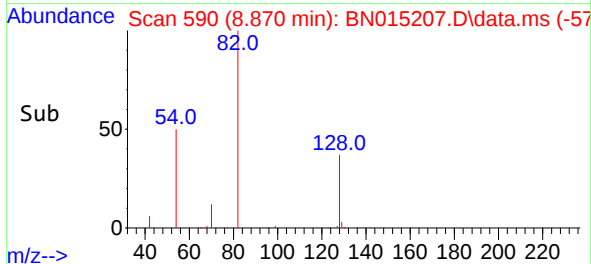




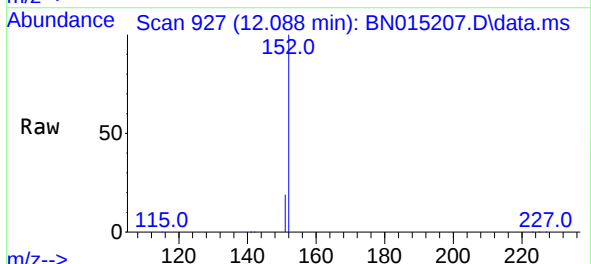
#8
Nitrobenzene-d5
Concen: 0.390 ng
RT: 8.870 min Scan# 590
Delta R.T. -0.000 min
Lab File: BN015207.D
Acq: 30 Jun 2021 04:10



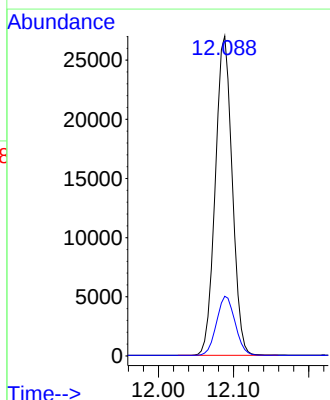
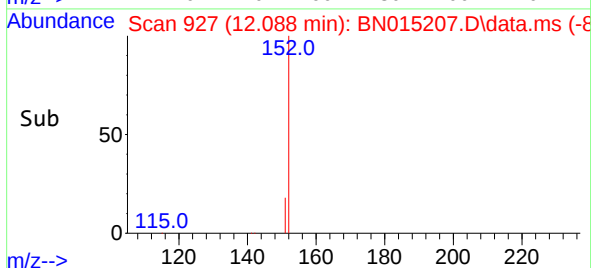
Tgt Ion: 82 Resp: 26285
Ion Ratio Lower Upper
82 100
128 37.0 31.6 47.4
54 50.7 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.088 min Scan# 927
Delta R.T. -0.000 min
Lab File: BN015207.D
Acq: 30 Jun 2021 04:10



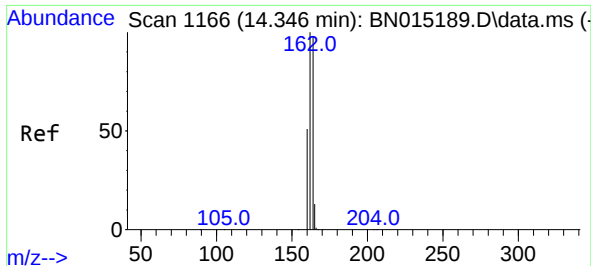
Tgt Ion: 152 Resp: 42226
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1



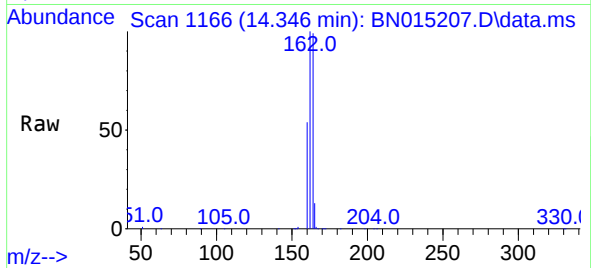
Instrument :
BNA_N
ClientSampleId :
RE115D2-20210617

Manual Integrations
APPROVED

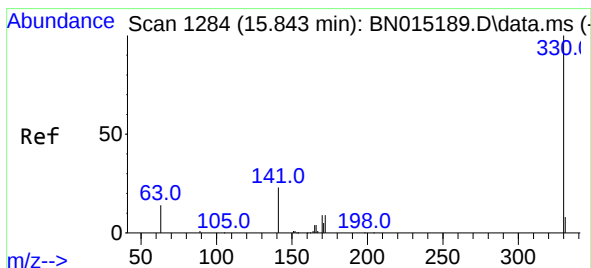
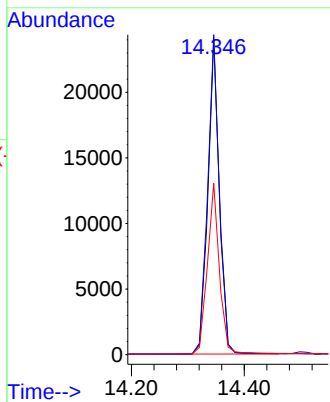
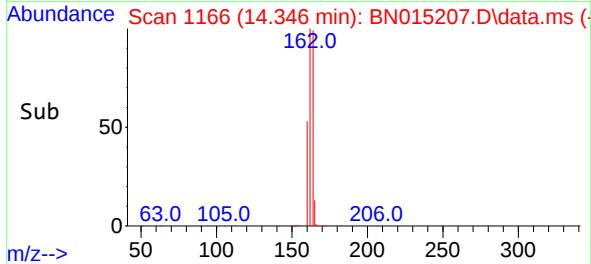
mohammad
6/30/2021 2:15:14 PM



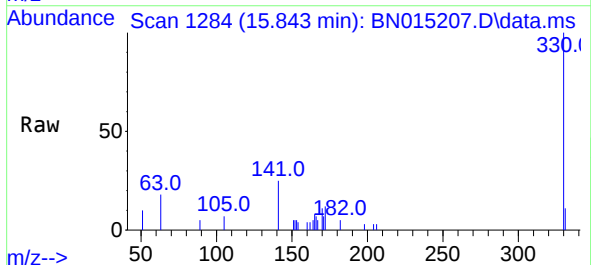
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.346 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BN015207.D
Acq: 30 Jun 2021 04:10



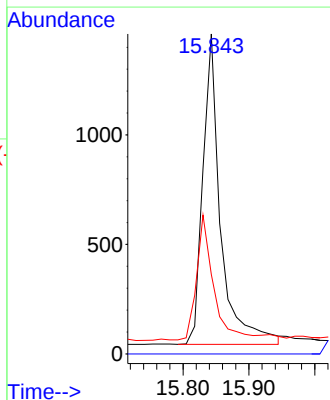
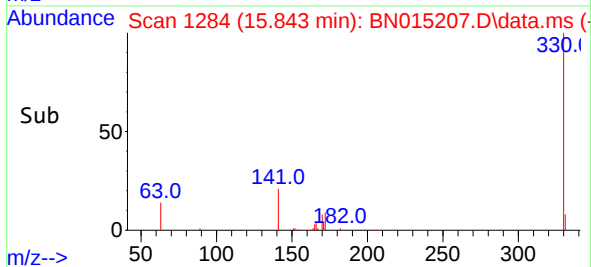
Tgt Ion:164 Resp: 34000
Ion Ratio Lower Upper
164 100
162 101.3 83.8 125.6
160 54.3 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.360 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015207.D
Acq: 30 Jun 2021 04:10



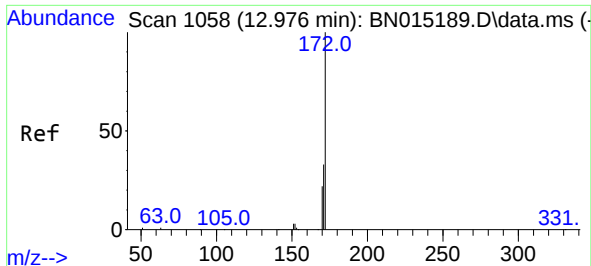
Tgt Ion:330 Resp: 2657
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.6 22.4 33.6#



Instrument :
BNA_N
ClientSampleId :
RE115D2-20210617

Manual Integrations
APPROVED

mohammad
6/30/2021 2:15:14 PM



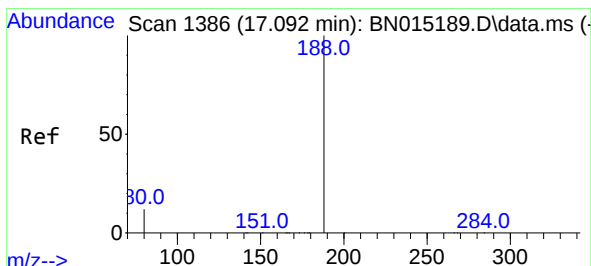
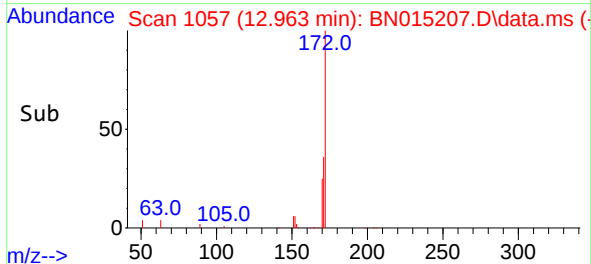
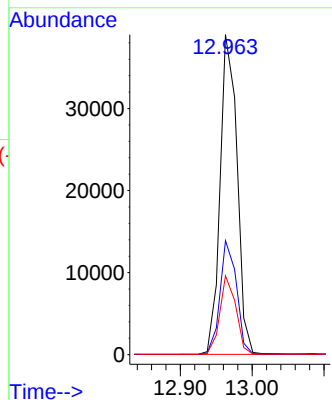
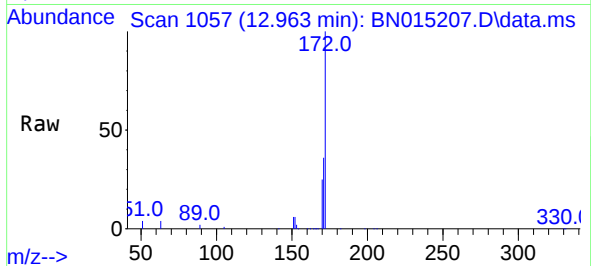
#15
2-Fluorobiphenyl
Concen: 0.448 ng
RT: 12.963 min Scan# 1057
Delta R.T. -0.013 min
Lab File: BN015207.D
Acq: 30 Jun 2021 04:10

Tgt Ion:172 Resp: 63934
Ion Ratio Lower Upper
172 100
171 35.7 30.6 45.8
170 24.6 20.2 30.4

Instrument :
BNA_N
ClientSampleId :
RE115D2-20210617

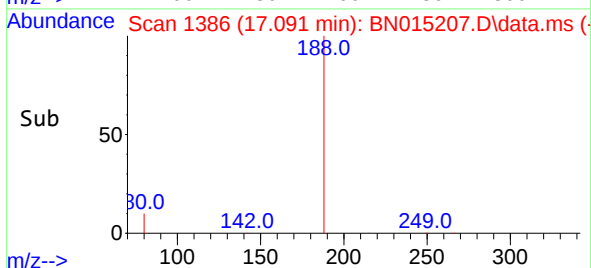
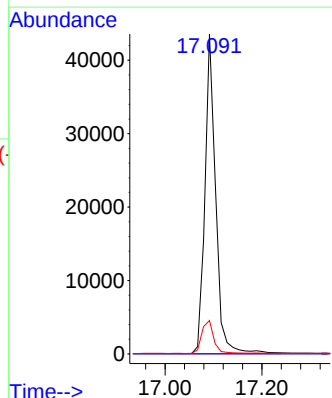
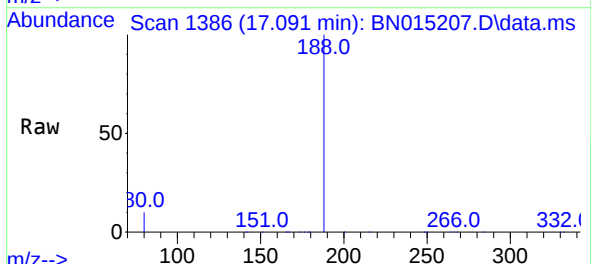
Manual Integrations
APPROVED

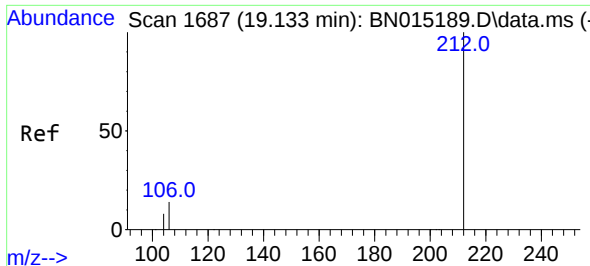
mohammad
6/30/2021 2:15:14 PM



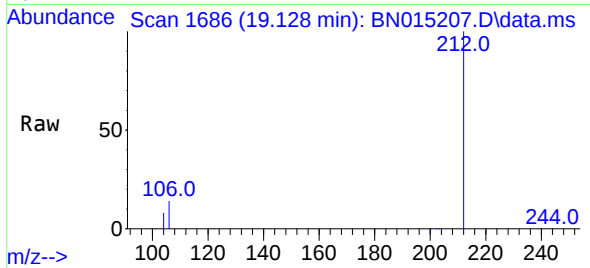
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.091 min Scan# 1386
Delta R.T. -0.001 min
Lab File: BN015207.D
Acq: 30 Jun 2021 04:10

Tgt Ion:188 Resp: 67257
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 9.0 13.4

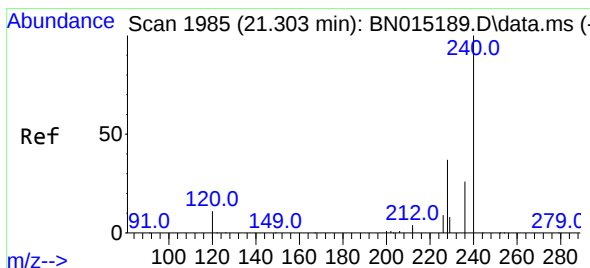
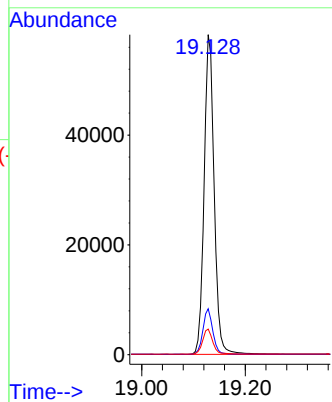
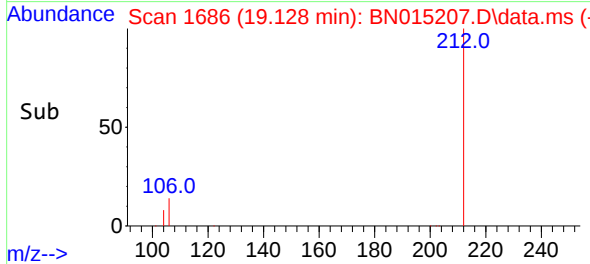




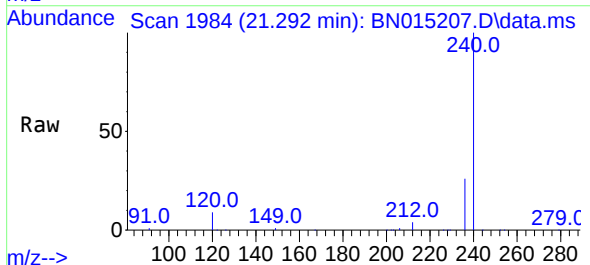
#27
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.128 min Scan# 1686
Delta R.T. -0.005 min
Lab File: BN015207.D
Acq: 30 Jun 2021 04:10



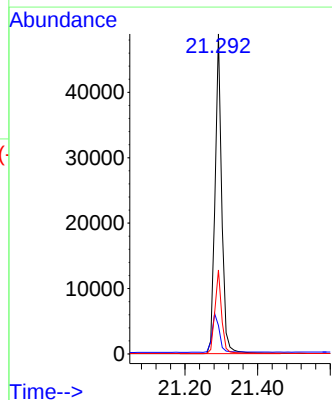
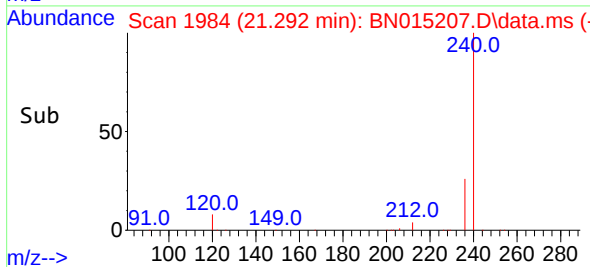
Tgt Ion:212 Resp: 78589
Ion Ratio Lower Upper
212 100
106 14.0 7.0 10.6#
104 8.0 4.1 6.1#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015207.D
Acq: 30 Jun 2021 04:10



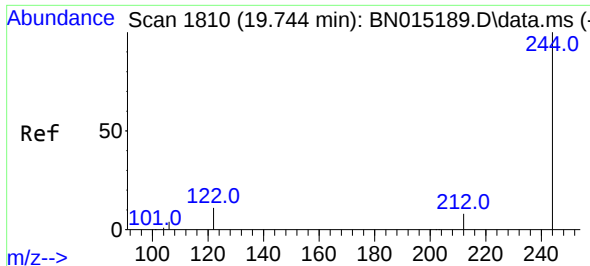
Tgt Ion:240 Resp: 62607
Ion Ratio Lower Upper
240 100
120 8.9 4.2 6.4#
236 26.2 21.4 32.2



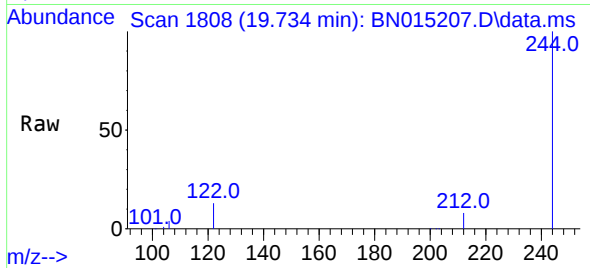
Instrument :
BNA_N
ClientSampleId :
RE115D2-20210617

Manual Integrations
APPROVED

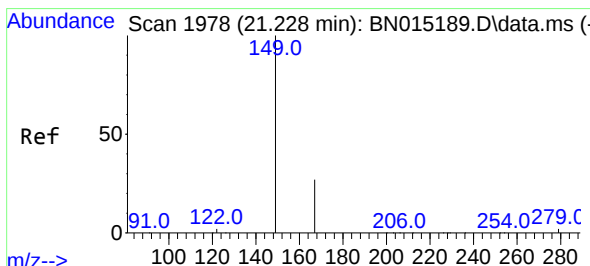
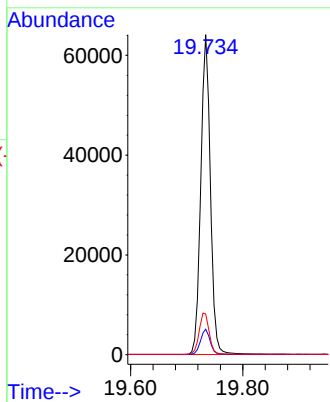
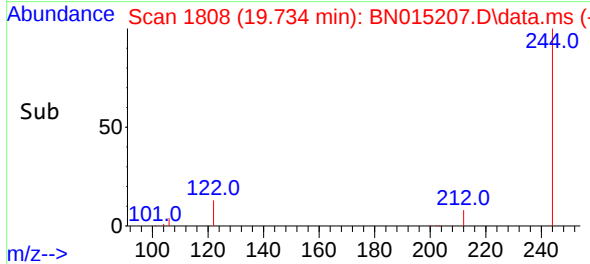
mohammad
6/30/2021 2:15:14 PM



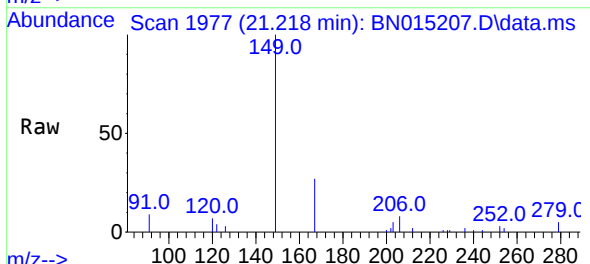
#31
Terphenyl-d14
Concen: 0.549 ng
RT: 19.734 min Scan# 1808
Delta R.T. -0.010 min
Lab File: BN015207.D
Acq: 30 Jun 2021 04:10



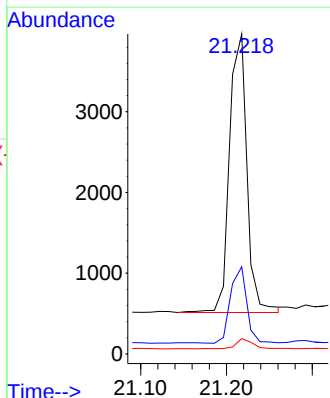
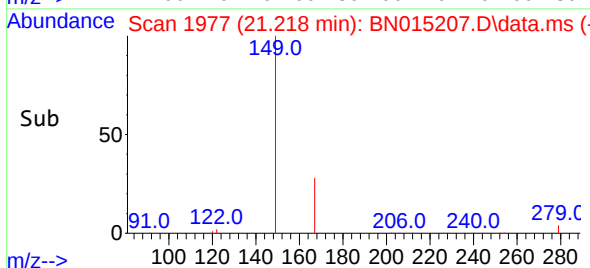
Tgt Ion:244 Resp: 75914
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 12.7 6.2 9.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.301 ng
RT: 21.218 min Scan# 1977
Delta R.T. -0.010 min
Lab File: BN015207.D
Acq: 30 Jun 2021 04:10



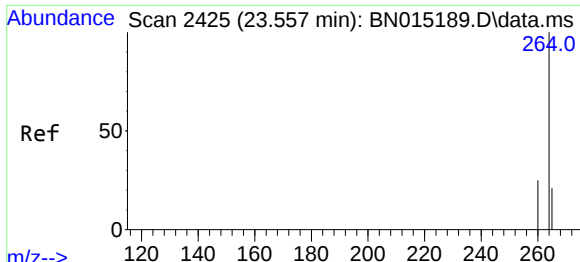
Tgt Ion:149 Resp: 4866
Ion Ratio Lower Upper
149 100
167 25.5 28.9 43.3#
279 3.6 4.9 7.3#



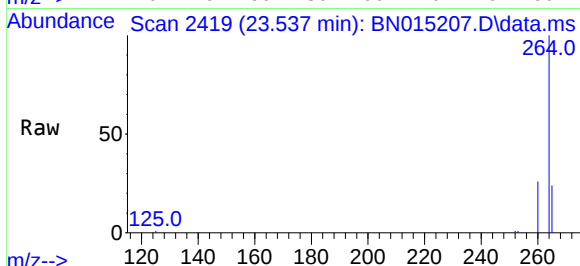
Instrument :
BNA_N
ClientSampleId :
RE115D2-20210617

Manual Integrations
APPROVED

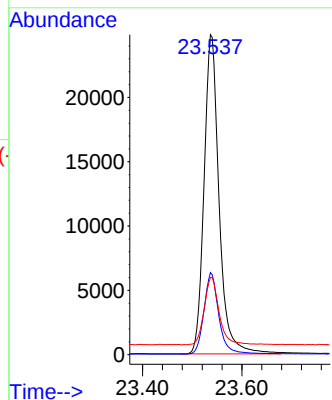
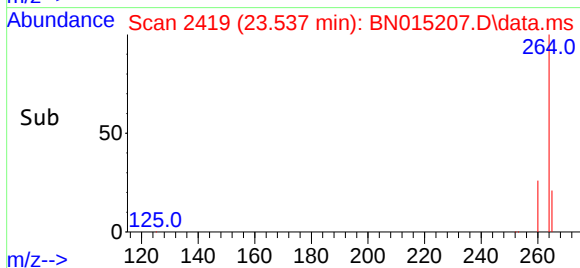
mohammad
6/30/2021 2:15:14 PM



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.537 min Scan# 2419
 Delta R.T. -0.021 min
 Lab File: BN015207.D
 Acq: 30 Jun 2021 04:10



Tgt Ion:	264	Resp:	52228
Ion Ratio	Lower	Upper	
264	100		
260	25.7	20.6	31.0
265	24.2	21.4	32.2



Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20210617

Manual Integrations
 APPROVED

mohammad
 6/30/2021 2:15:14 PM