

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062921\
 Data File : BN015203.D
 Acq On : 30 Jun 2021 01:46
 Operator : CG/JU
 Sample : M2783-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20210617

Manual Integrations
 APPROVED

mohammad
 6/30/2021 2:15:03 PM

Quant Time: Jun 30 02:42:30 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	16767	0.400	ng	# 0.00
7) Naphthalene-d8	10.505	136	75865	0.400	ng	# 0.00
13) Acenaphthene-d10	14.346	164	35567	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	69524	0.400	ng	0.00
29) Chrysene-d12	21.292	240	66535	0.400	ng	#-0.01
35) Perylene-d12	23.537	264	54765	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	4306	0.119	ng	0.03
5) Phenol-d6	6.911	99	3890	0.070	ng	0.00
8) Nitrobenzene-d5	8.870	82	26163	0.377	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	42252	0.339	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	2853	0.365	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	64913	0.435	ng	-0.01
27) Fluoranthene-d10	19.129	212	81357	0.385	ng	0.00
31) Terphenyl-d14	19.734	244	84129	0.573	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.361	88	7536m	1.548	ng	Qvalue
24) Pentachlorophenol	16.751	266	33	0.245	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.218	149	6867	0.314	ng	# 84

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

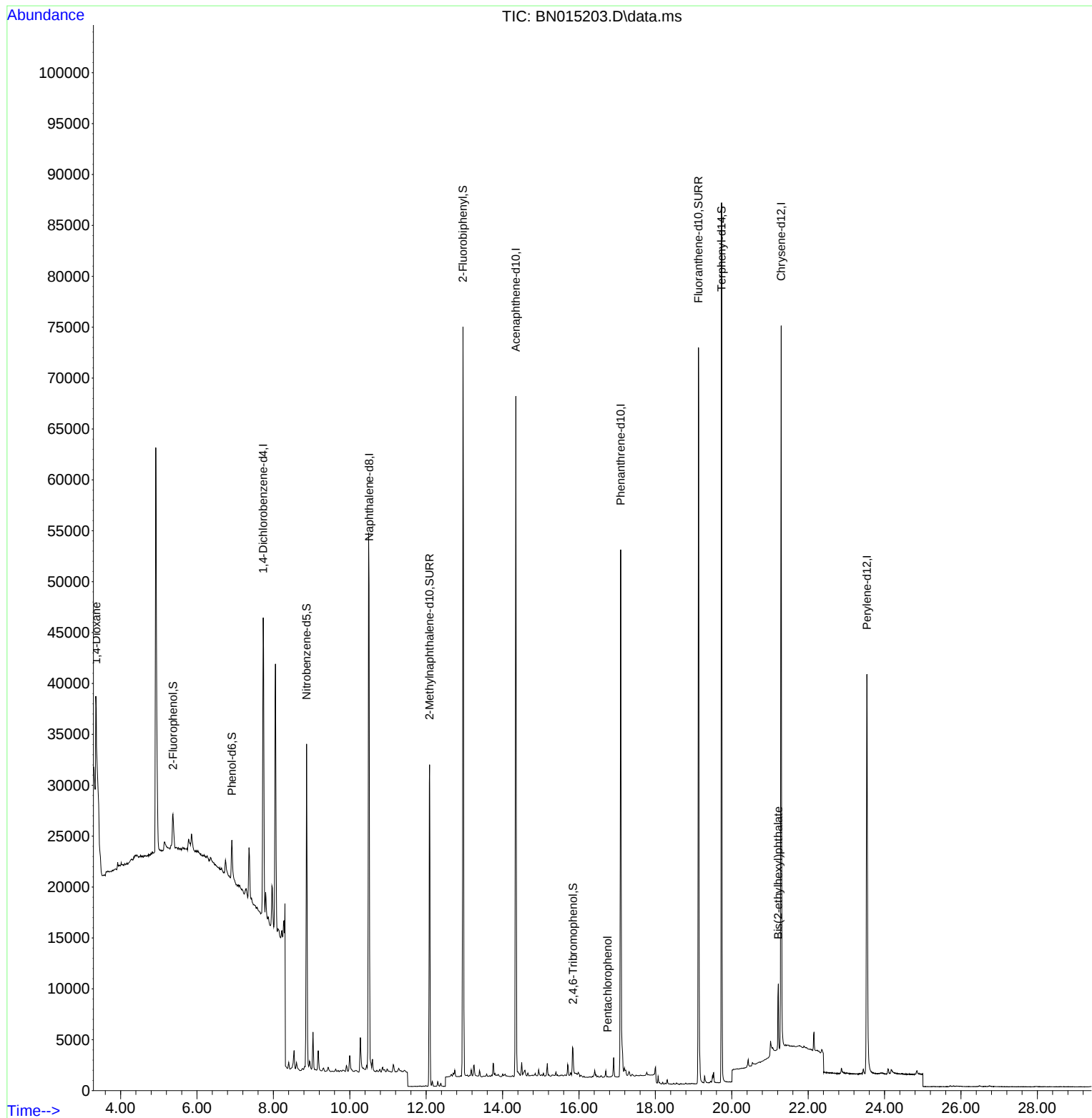
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062921\
Data File : BN015203.D
Acq On : 30 Jun 2021 01:46
Operator : CG/JU
Sample : M2783-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

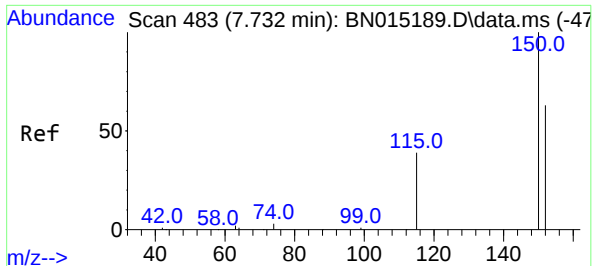
Instrument :
BNA_N
ClientSampleId :
RE134D4-20210617

Manual Integrations
APPROVED

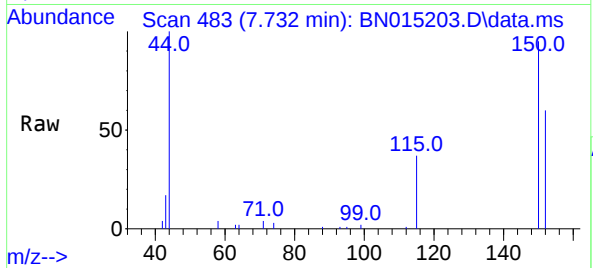
mohammad
6/30/2021 2:15:03 PM

Quant Time: Jun 30 02:42:30 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

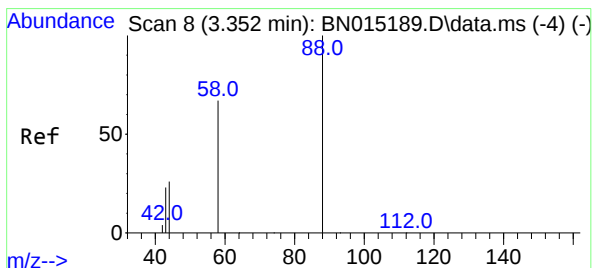
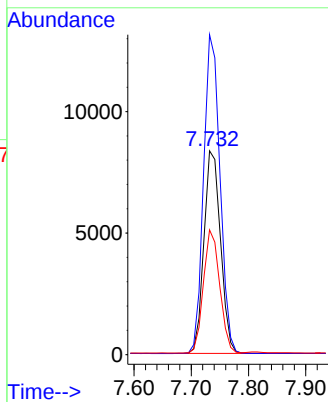
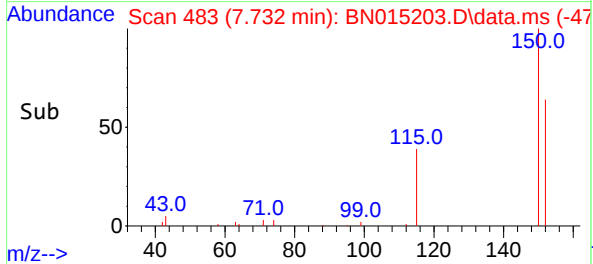




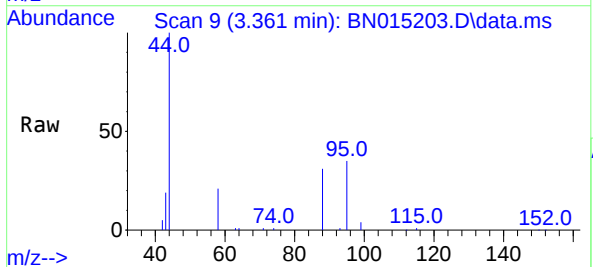
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.732 min Scan# 483
Delta R.T. -0.000 min
Lab File: BN015203.D
Acq: 30 Jun 2021 01:46



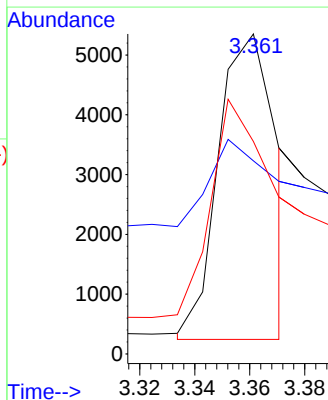
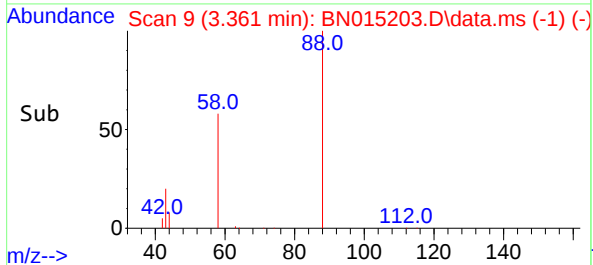
Tgt Ion: 152 Resp: 16767
Ion Ratio Lower Upper
152 100
150 156.9 119.0 178.6
115 61.2 62.2 93.4#



#2
1,4-Dioxane
Concen: 1.548 ng m
RT: 3.361 min Scan# 9
Delta R.T. 0.009 min
Lab File: BN015203.D
Acq: 30 Jun 2021 01:46



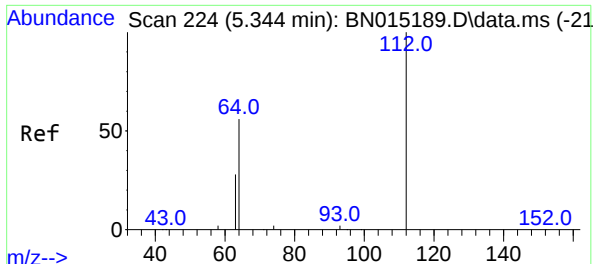
Tgt Ion: 88 Resp: 7536
Ion Ratio Lower Upper
88 100
43 48.1 12.9 19.3#
58 149.1 38.1 57.1#



Instrument :
BNA_N
ClientSampleId :
RE134D4-20210617

Manual Integrations
APPROVED

mohammad
6/30/2021 2:15:03 PM



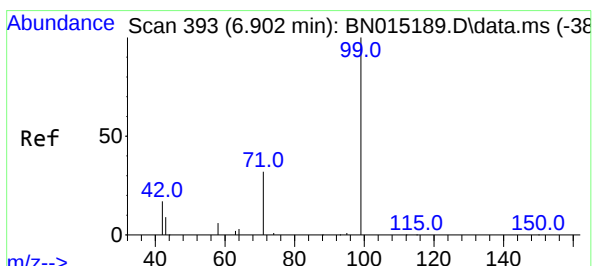
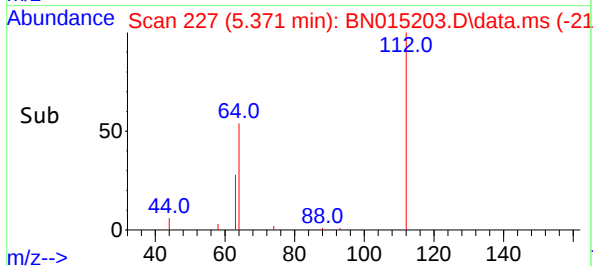
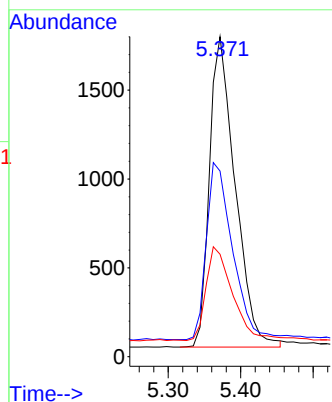
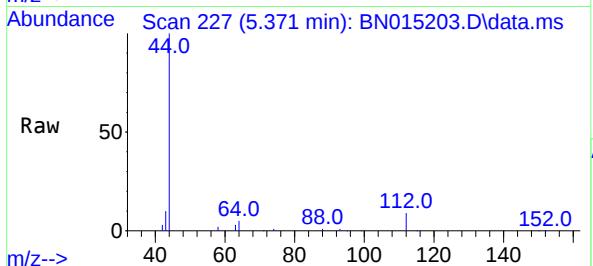
#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.371 min Scan# 227
Delta R.T. 0.028 min
Lab File: BN015203.D
Acq: 30 Jun 2021 01:46

Tgt Ion: 112 Resp: 4306
Ion Ratio Lower Upper
112 100
64 58.0 39.0 58.6
63 30.7 20.6 30.8

Instrument :
BNA_N
ClientSampleId :
RE134D4-20210617

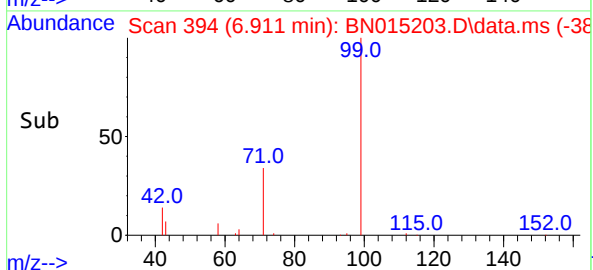
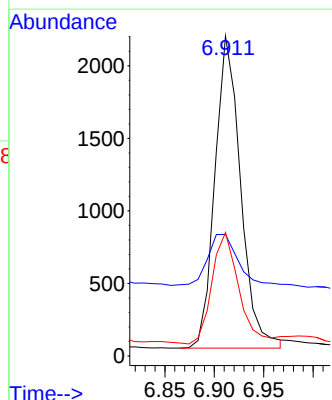
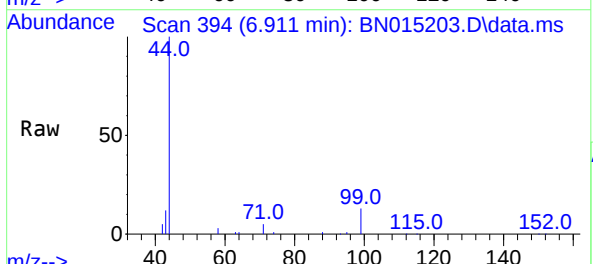
Manual Integrations
APPROVED

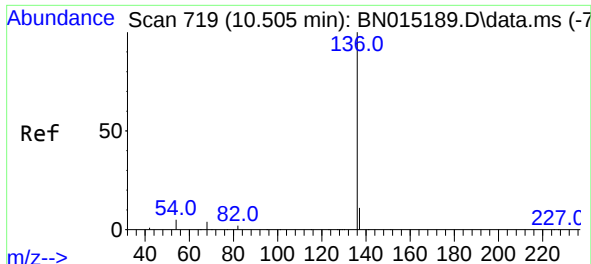
mohammad
6/30/2021 2:15:03 PM



#5
Phenol-d6
Concen: 0.070 ng
RT: 6.911 min Scan# 394
Delta R.T. 0.009 min
Lab File: BN015203.D
Acq: 30 Jun 2021 01:46

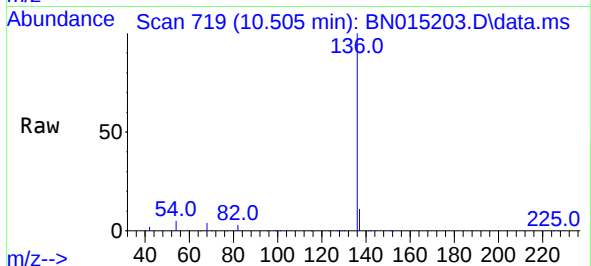
Tgt Ion: 99 Resp: 3890
Ion Ratio Lower Upper
99 100
42 18.8 8.9 13.3#
71 37.1 35.6 53.4





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.505 min Scan# 719
Delta R.T. 0.000 min
Lab File: BN015203.D
Acq: 30 Jun 2021 01:46

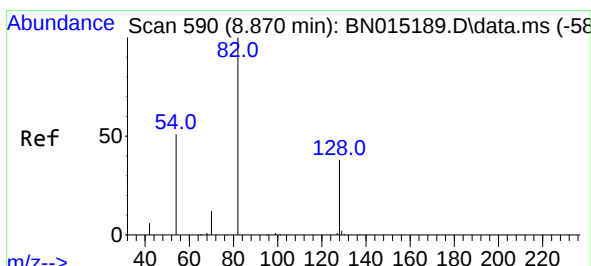
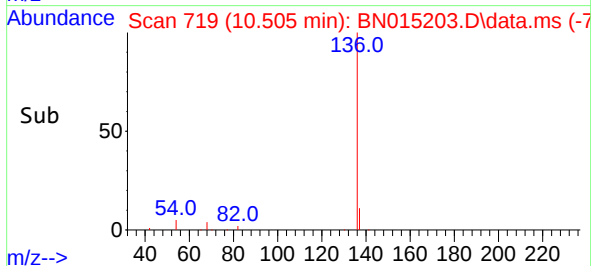
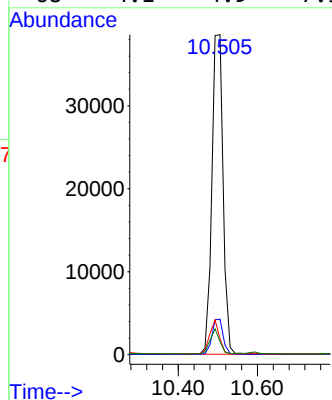
Instrument :
BNA_N
ClientSampleId :
RE134D4-20210617



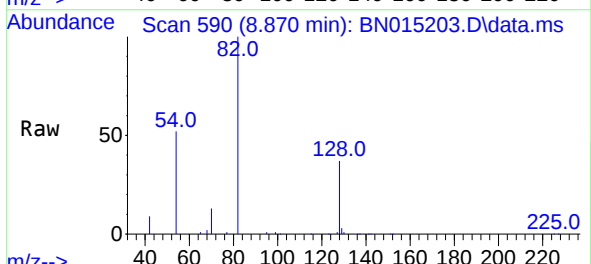
Tgt Ion:	136	Resp:	75865
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.8
54	4.9	5.4	8.2#
68	4.1	4.9	7.3#

Manual Integrations
APPROVED

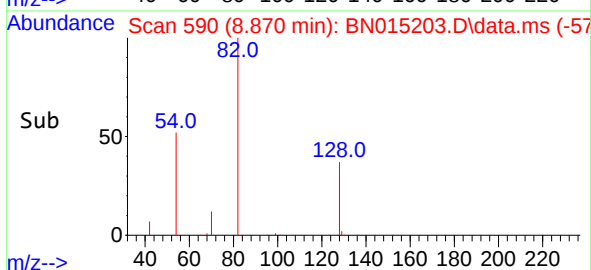
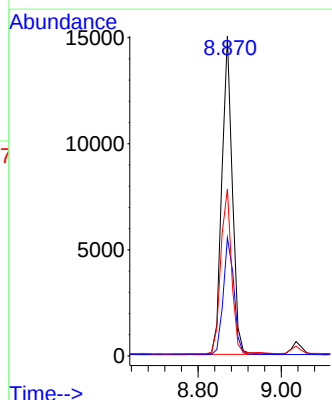
mohammad
6/30/2021 2:15:03 PM

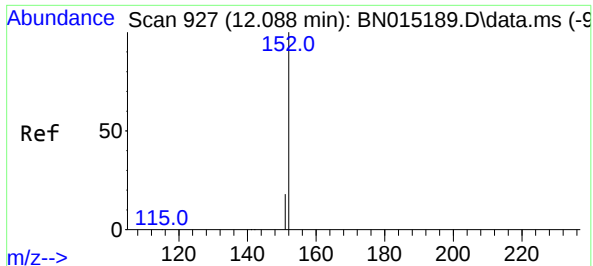


#8
Nitrobenzene-d5
Concen: 0.377 ng
RT: 8.870 min Scan# 590
Delta R.T. 0.000 min
Lab File: BN015203.D
Acq: 30 Jun 2021 01:46



Tgt Ion:	82	Resp:	26163
Ion	Ratio	Lower	Upper
82	100		
128	36.9	31.6	47.4
54	52.2	29.0	43.4#





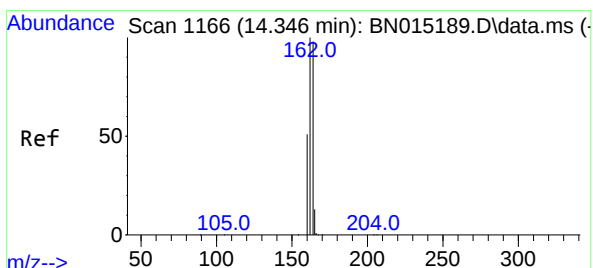
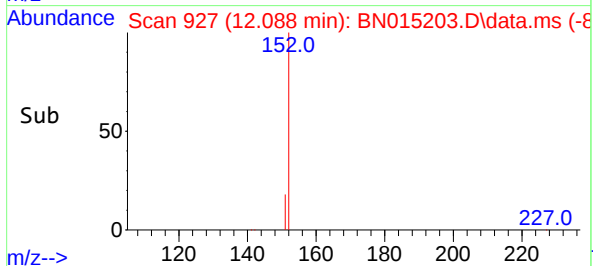
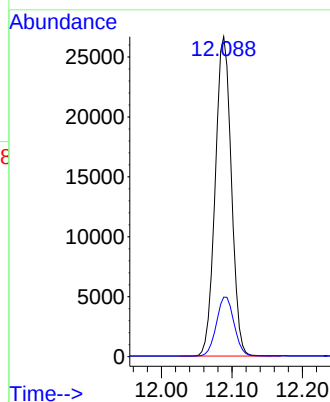
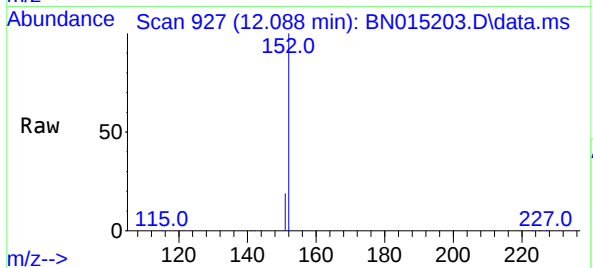
#11
2-Methylnaphthalene-d10
Concen: 0.339 ng
RT: 12.088 min Scan# 927
Delta R.T. 0.000 min
Lab File: BN015203.D
Acq: 30 Jun 2021 01:46

Tgt Ion:152 Resp: 42252
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1

Instrument :
BNA_N
ClientSampleId :
RE134D4-20210617

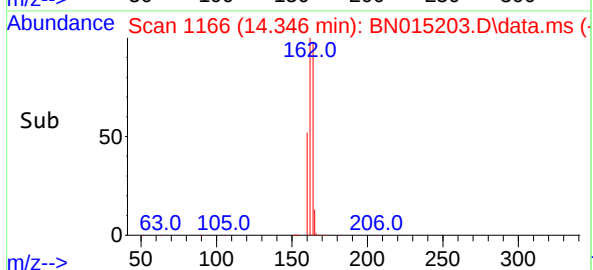
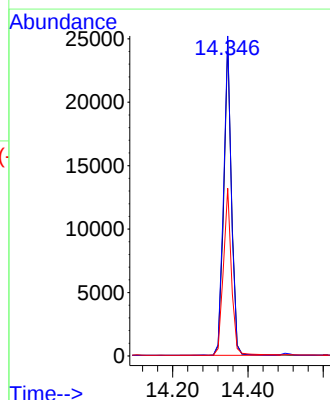
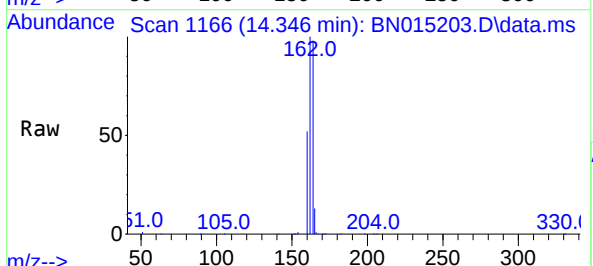
Manual Integrations
APPROVED

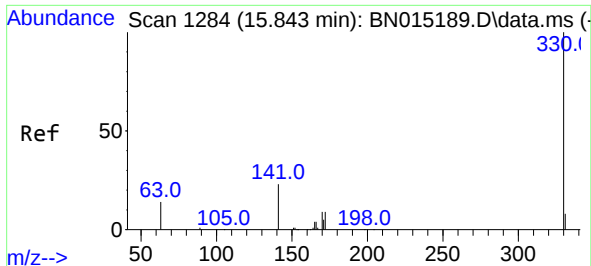
mohammad
6/30/2021 2:15:03 PM



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.346 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BN015203.D
Acq: 30 Jun 2021 01:46

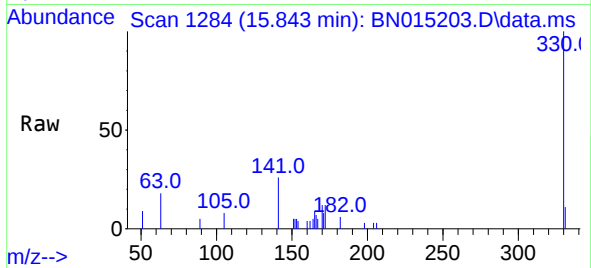
Tgt Ion:164 Resp: 35567
Ion Ratio Lower Upper
164 100
162 101.6 83.8 125.6
160 53.2 37.4 56.0





#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.843 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BN015203.D
Acq: 30 Jun 2021 01:46

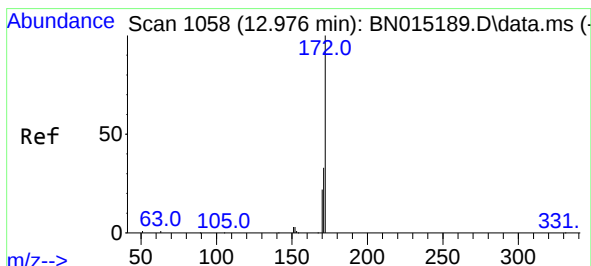
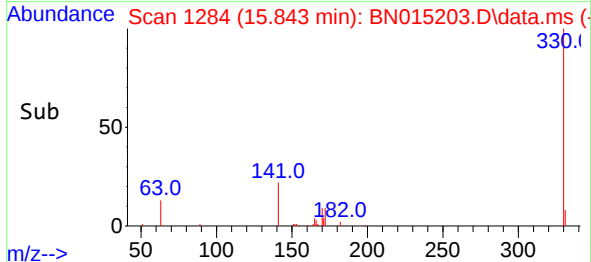
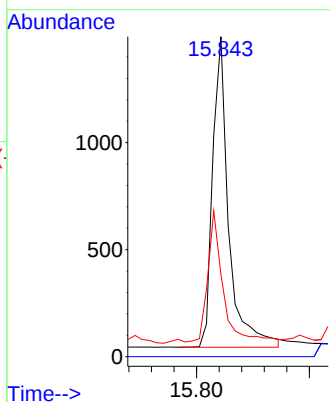
Instrument :
BNA_N
ClientSampleId :
RE134D4-20210617



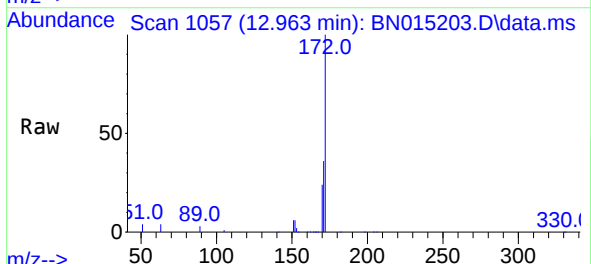
Tgt Ion:330 Resp: 2853
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.4 22.4 33.6#

Manual Integrations
APPROVED

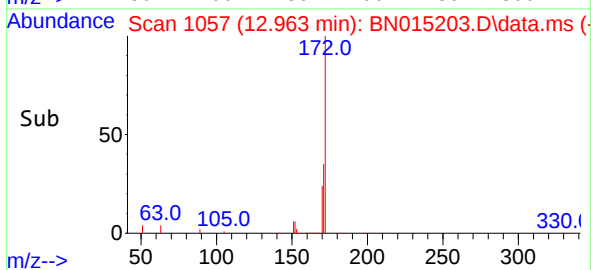
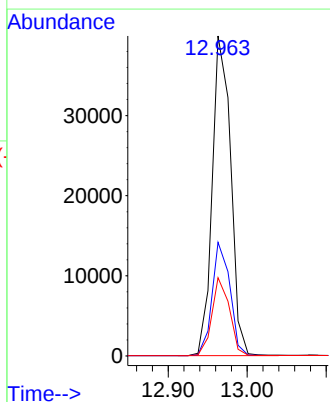
mohammad
6/30/2021 2:15:03 PM

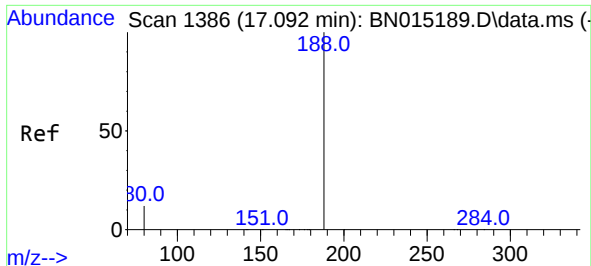


#15
2-Fluorobiphenyl
Concen: 0.435 ng
RT: 12.963 min Scan# 1057
Delta R.T. -0.013 min
Lab File: BN015203.D
Acq: 30 Jun 2021 01:46



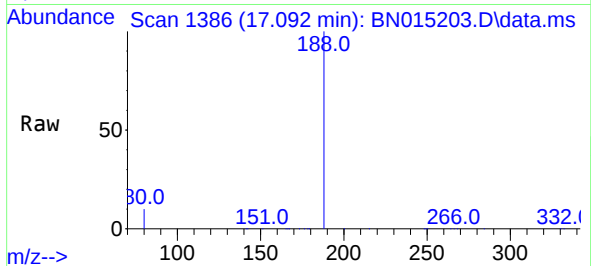
Tgt Ion:172 Resp: 64913
Ion Ratio Lower Upper
172 100
171 35.5 30.6 45.8
170 24.5 20.2 30.4





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BN015203.D
Acq: 30 Jun 2021 01:46

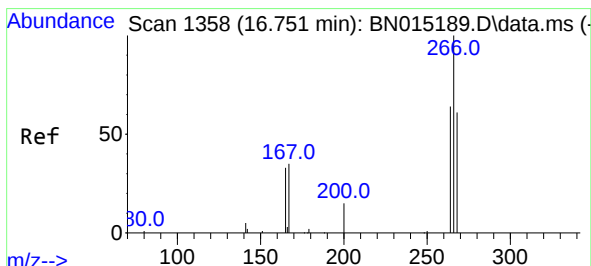
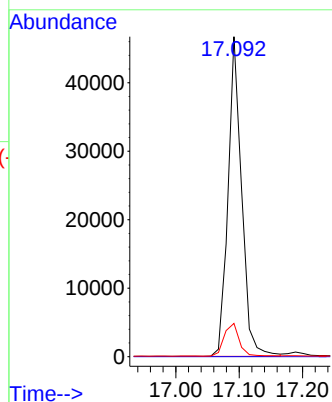
Instrument :
BNA_N
ClientSampleId :
RE134D4-20210617



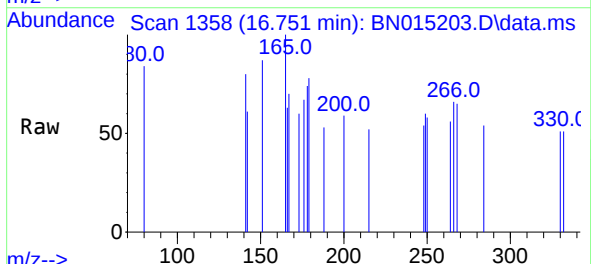
Tgt Ion:188 Resp: 69524
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 9.0 13.4

Manual Integrations
APPROVED

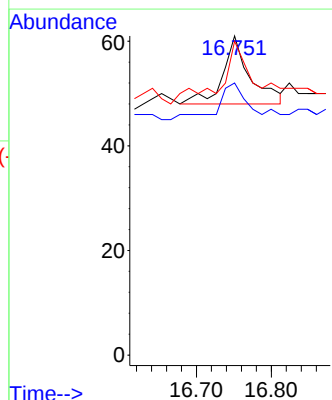
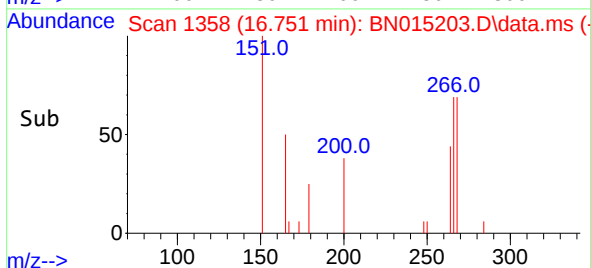
mohammad
6/30/2021 2:15:03 PM

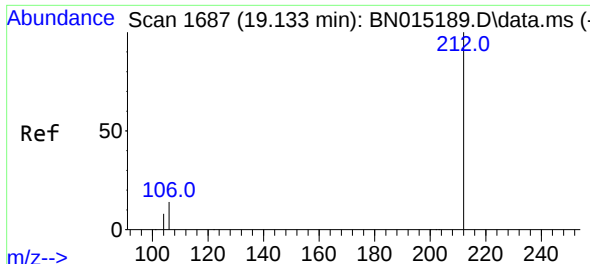


#24
Pentachlorophenol
Concen: 0.245 ng
RT: 16.751 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BN015203.D
Acq: 30 Jun 2021 01:46



Tgt Ion:266 Resp: 33
Ion Ratio Lower Upper
266 100
264 36.4 51.0 76.4#
268 60.6 50.6 76.0





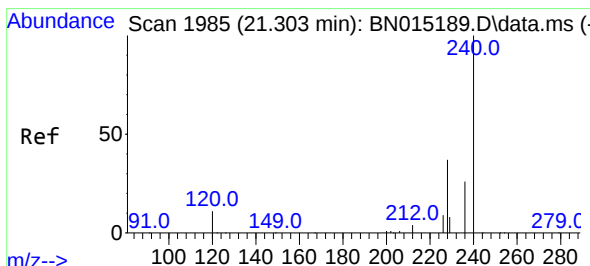
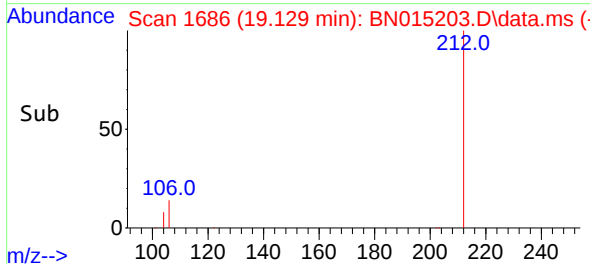
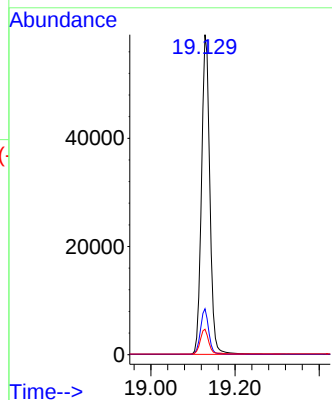
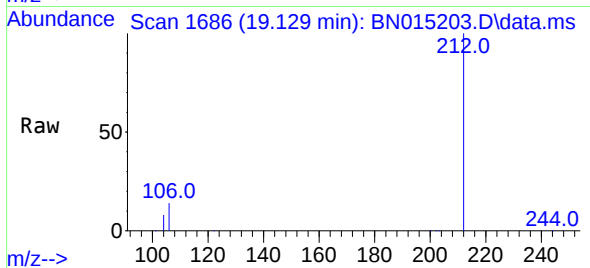
#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.129 min Scan# 1686
Delta R.T. -0.005 min
Lab File: BN015203.D
Acq: 30 Jun 2021 01:46

Tgt Ion:212 Resp: 81357
Ion Ratio Lower Upper
212 100
106 14.0 7.0 10.6#
104 8.0 4.1 6.1#

Instrument :
BNA_N
ClientSampleId :
RE134D4-20210617

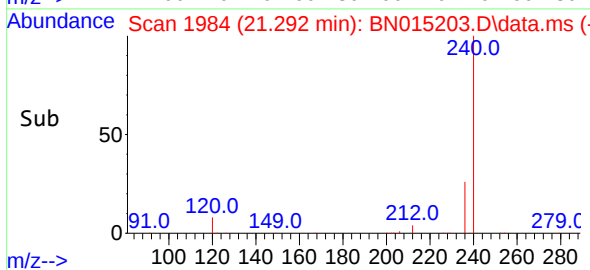
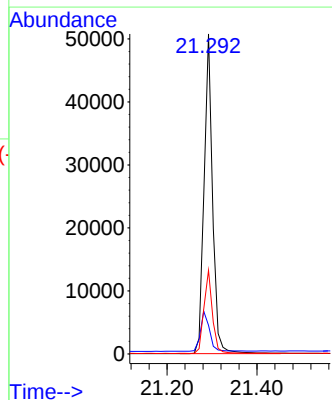
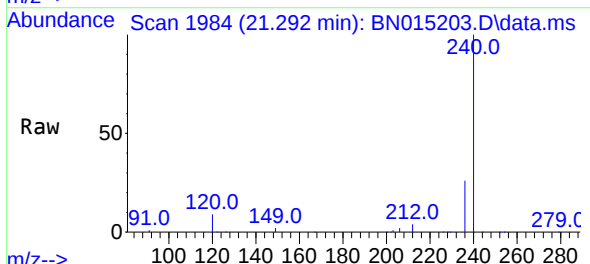
Manual Integrations
APPROVED

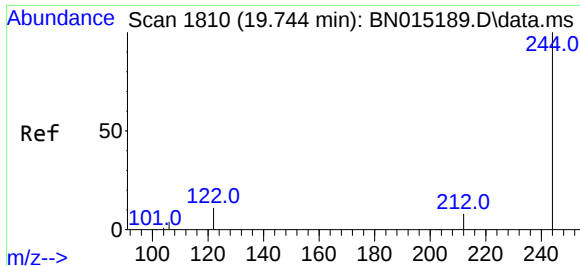
mohammad
6/30/2021 2:15:03 PM



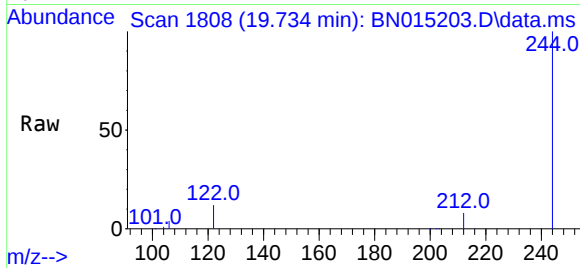
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015203.D
Acq: 30 Jun 2021 01:46

Tgt Ion:240 Resp: 66535
Ion Ratio Lower Upper
240 100
120 8.9 4.2 6.4#
236 26.2 21.4 32.2

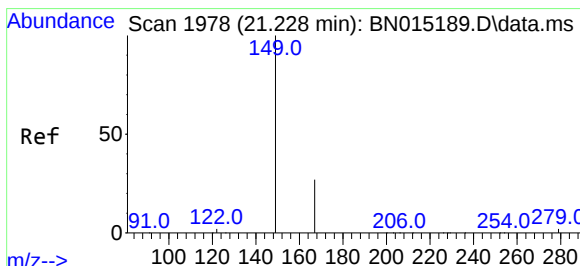
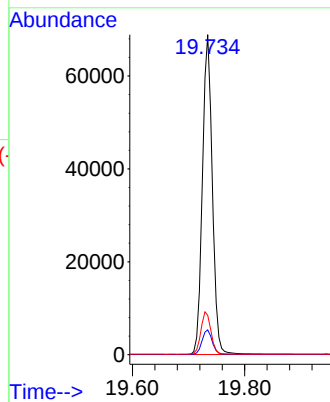
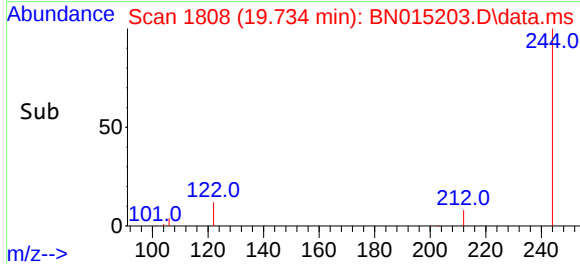




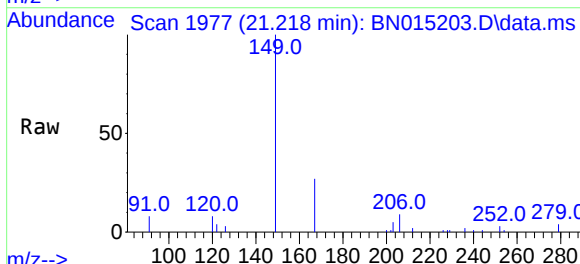
#31
Terphenyl-d14
Concen: 0.573 ng
RT: 19.734 min Scan# 1808
Delta R.T. -0.010 min
Lab File: BN015203.D
Acq: 30 Jun 2021 01:46



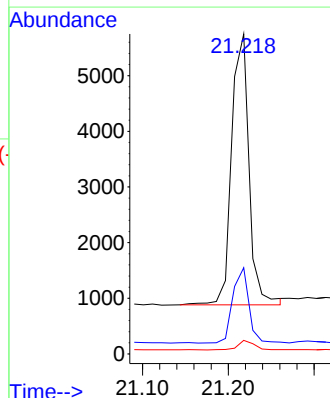
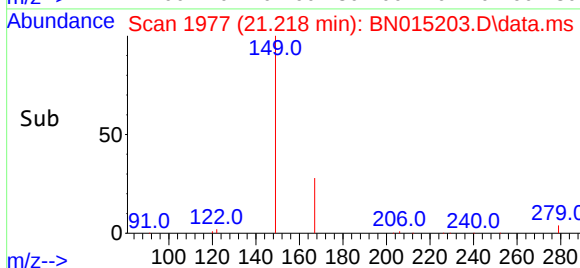
Tgt Ion:244 Resp: 84129
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 12.3 6.2 9.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.314 ng
RT: 21.218 min Scan# 1977
Delta R.T. -0.010 min
Lab File: BN015203.D
Acq: 30 Jun 2021 01:46



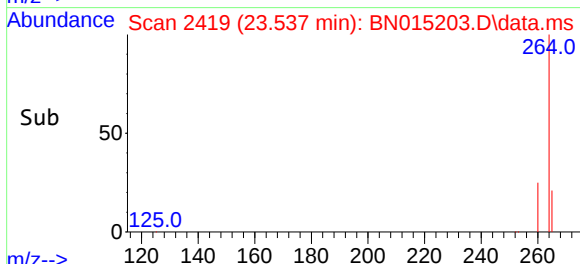
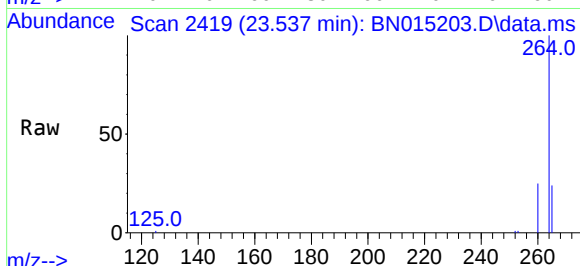
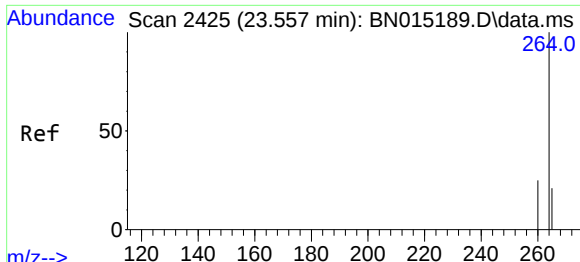
Tgt Ion:149 Resp: 6867
Ion Ratio Lower Upper
149 100
167 25.8 28.9 43.3#
279 3.2 4.9 7.3#



Instrument :
BNA_N
ClientSampleId :
RE134D4-20210617

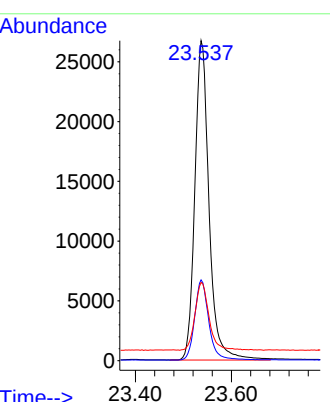
Manual Integrations
APPROVED

mohammad
6/30/2021 2:15:03 PM



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.537 min Scan# 2419
 Delta R.T. -0.020 min
 Lab File: BN015203.D
 Acq: 30 Jun 2021 01:46

Tgt Ion: 264	Resp: 54765
Ion Ratio	Lower Upper
264 100	
260 25.2	20.6 31.0
265 24.4	21.4 32.2



Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20210617

Manual Integrations
 APPROVED
 mohammad
 6/30/2021 2:15:03 PM