

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
 Data File : BN014077.D
 Acq On : 24 Mar 2021 19:11
 Operator : CG/JU
 Sample : M1787-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE-125D1-20210319

Manual Integrations
 APPROVED

mohammad
 3/25/2021 11:50:50 AM

Quant Time: Mar 25 05:37:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 11:06:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	4650	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	17924	0.40	ng	#-0.01
13) Acenaphthene-d10	14.321	164	10412	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	24041	0.40	ng	-0.01
29) Chrysene-d12	21.239	240	23315	0.40	ng	# 0.00
36) Perylene-d12	23.441	264	21908	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1451	0.14	ng	0.00
5) Phenol-d6	6.863	99	1041	0.08	ng	0.00
8) Nitrobenzene-d5	8.832	82	3797	0.32	ng	-0.01
11) 2-Methylnaphthalene-d10	12.062	152	9602	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1296	0.38	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	13377	0.34	ng	-0.01
27) Fluoranthene-d10	19.089	212	27543	0.41	ng	0.00
31) Terphenyl-d14	19.690	244	28991	0.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	34139	5.57	ng	96
25) Phenanthrene	17.104	178	1973m	0.03	ng	
34) Bis(2-ethylhexyl)phtha...	21.154	149	2824	0.11	ng	97

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

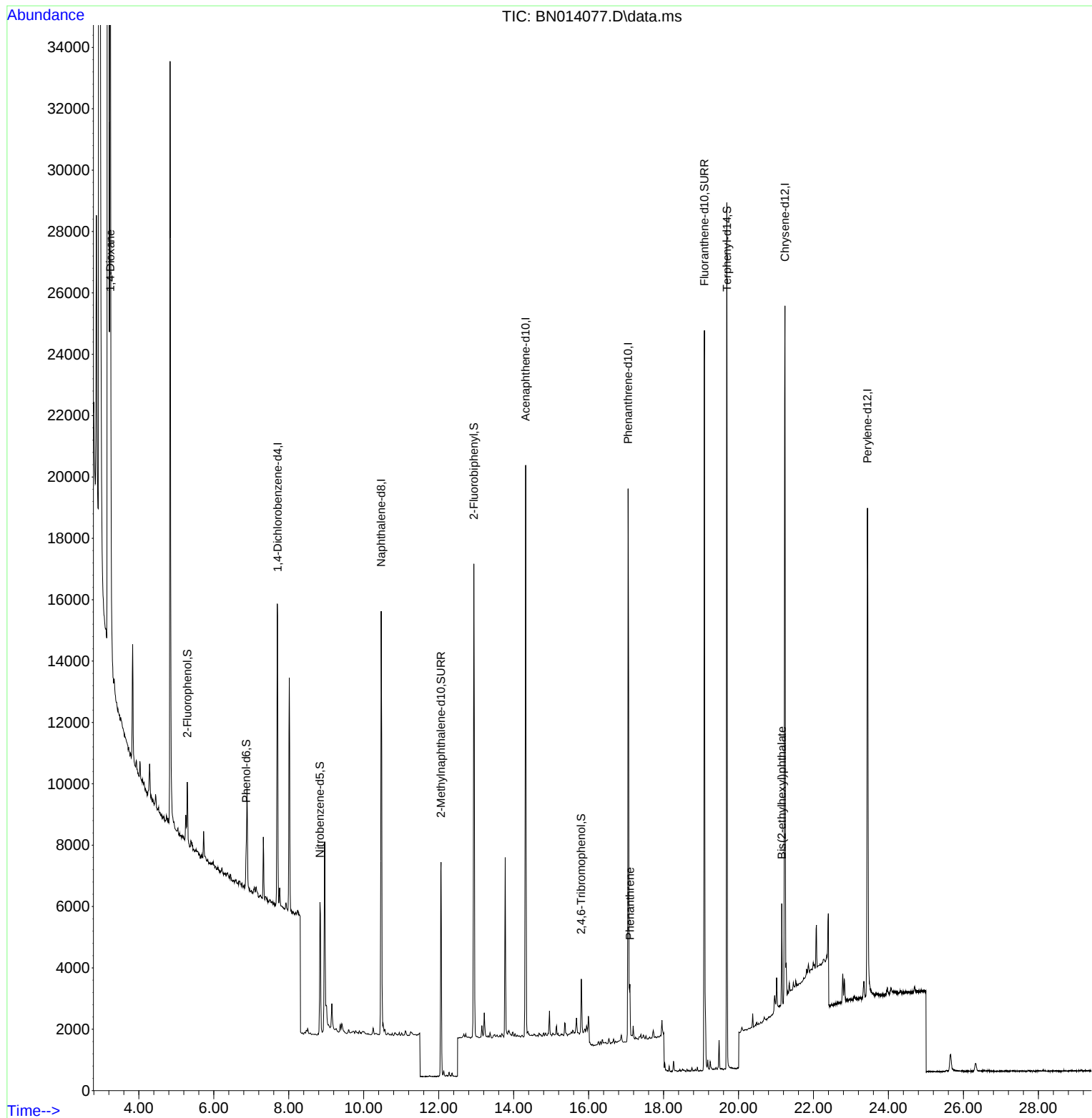
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
Data File : BN014077.D
Acq On : 24 Mar 2021 19:11
Operator : CG/JU
Sample : M1787-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

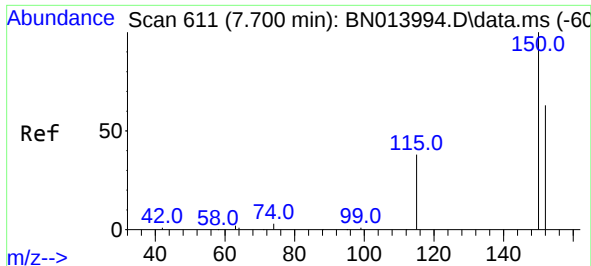
Instrument :
BNA_N
ClientSampleId :
RE-125D1-20210319

Manual Integrations
APPROVED

mohammad
3/25/2021 11:50:50 AM

Quant Time: Mar 25 05:37:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 11:06:27 2021
Response via : Initial Calibration





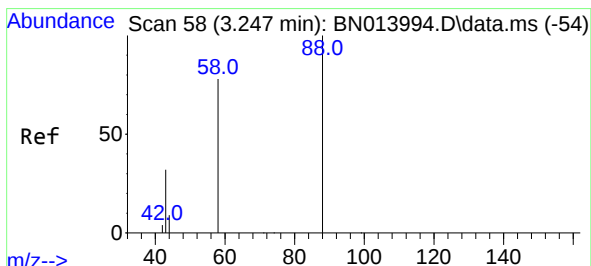
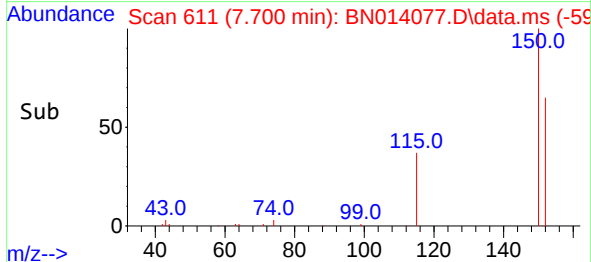
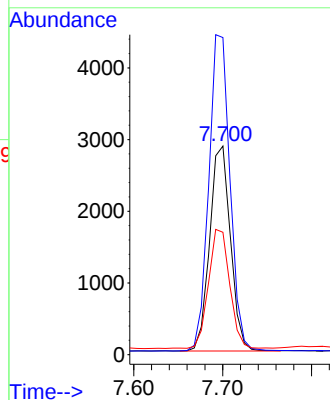
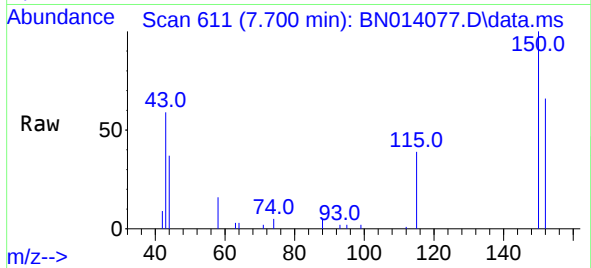
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014077.D
 Acq: 24 Mar 2021 19:11

Tgt Ion: 152 Resp: 4650
 Ion Ratio Lower Upper
 152 100
 150 152.0 121.8 182.8
 115 58.7 46.6 69.8

Instrument :
 BNA_N
 ClientSampleId :
 RE-125D1-20210319

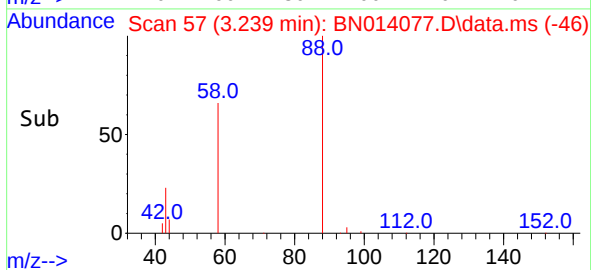
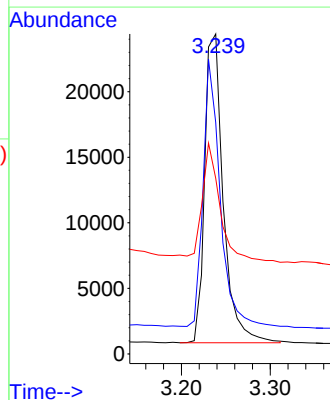
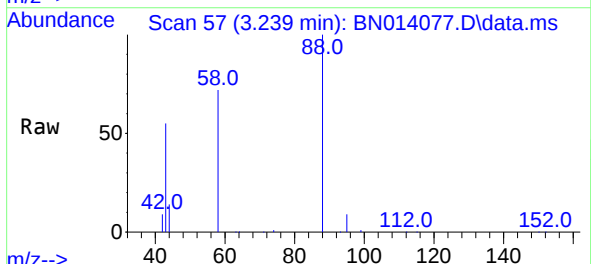
Manual Integrations
 APPROVED

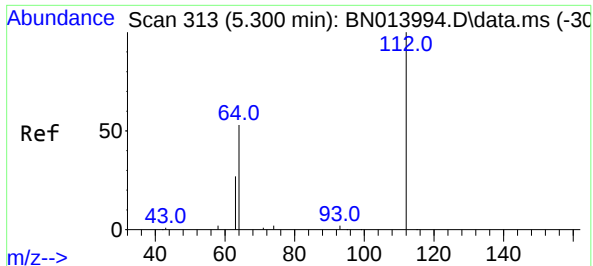
mohammad
 3/25/2021 11:50:50 AM



#2
 1,4-Dioxane
 Concen: 5.57 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.008 min
 Lab File: BN014077.D
 Acq: 24 Mar 2021 19:11

Tgt Ion: 88 Resp: 34139
 Ion Ratio Lower Upper
 88 100
 58 78.7 64.6 96.8
 43 37.1 26.6 40.0





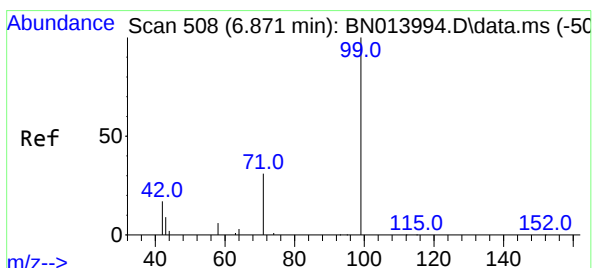
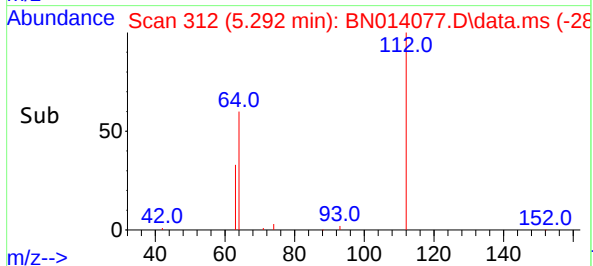
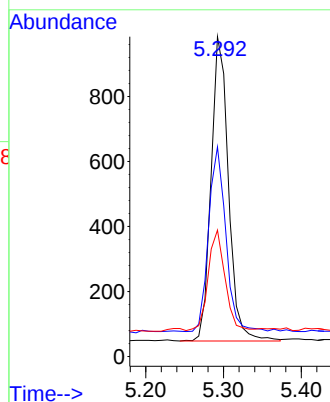
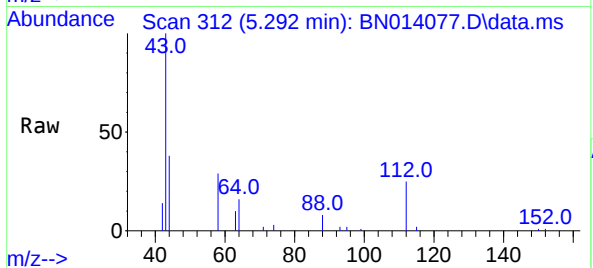
#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014077.D
Acq: 24 Mar 2021 19:11

Tgt Ion:	112	Resp:	1451
Ion Ratio	Lower	Upper	
112	100		
64	60.1	44.3	66.5
63	31.8	23.0	34.6

Instrument :
BNA_N
ClientSampleId :
RE-125D1-20210319

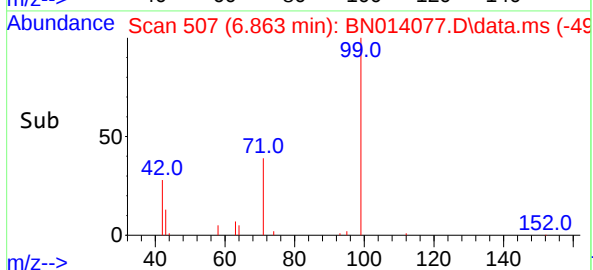
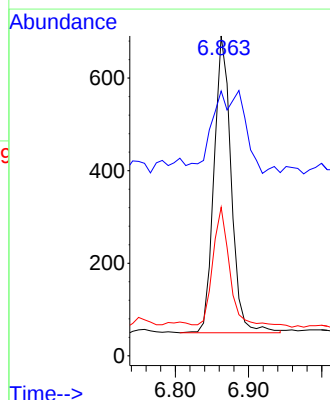
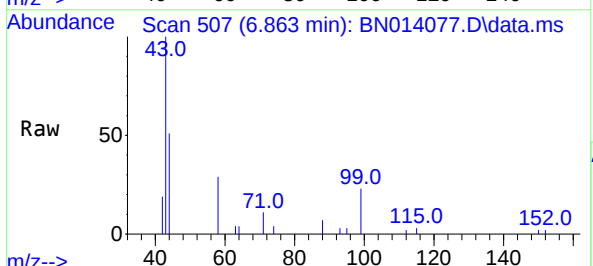
Manual Integrations
APPROVED

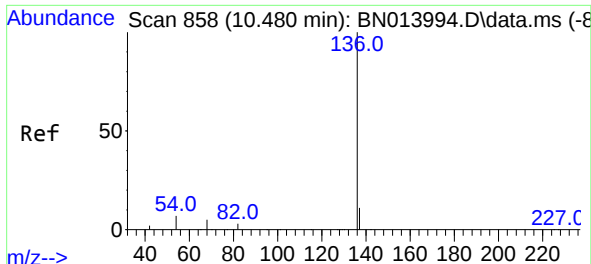
mohammad
3/25/2021 11:50:50 AM



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014077.D
Acq: 24 Mar 2021 19:11

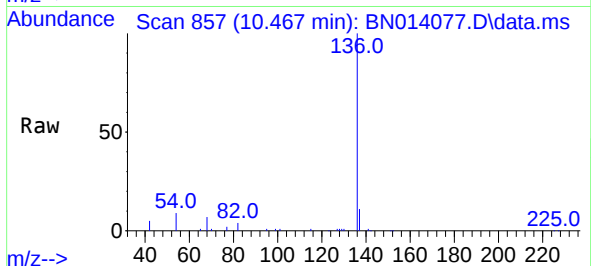
Tgt Ion:	99	Resp:	1041
Ion Ratio	Lower	Upper	
99	100		
42	21.6	15.2	22.8
71	40.7	26.1	39.1





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014077.D
Acq: 24 Mar 2021 19:11

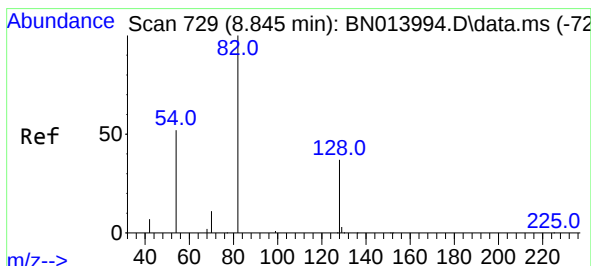
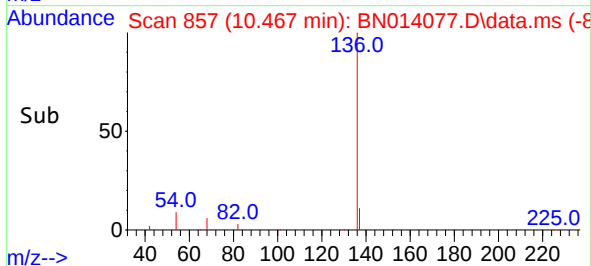
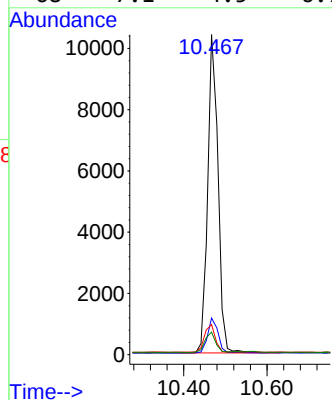
Instrument :
BNA_N
ClientSampleId :
RE-125D1-20210319



Tgt Ion:136 Resp: 17924
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.4 6.4 9.6
68 7.1 4.5 6.7#

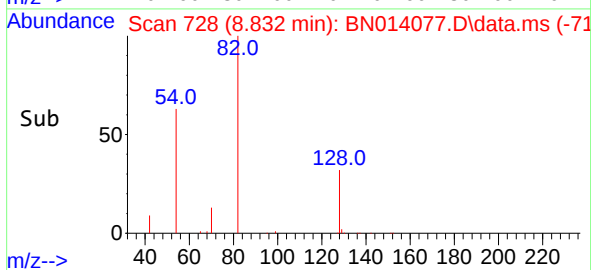
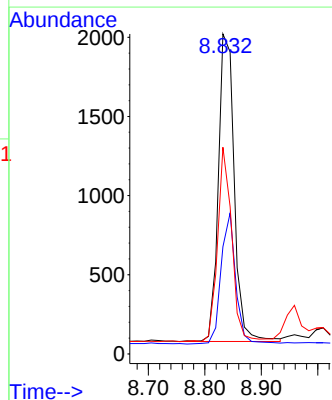
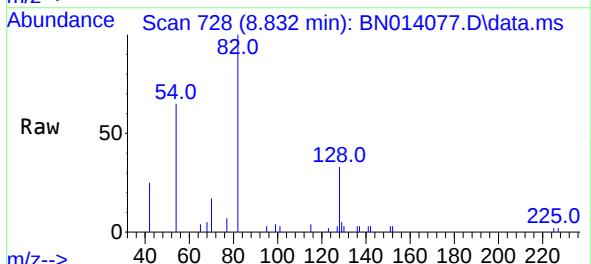
Manual Integrations
APPROVED

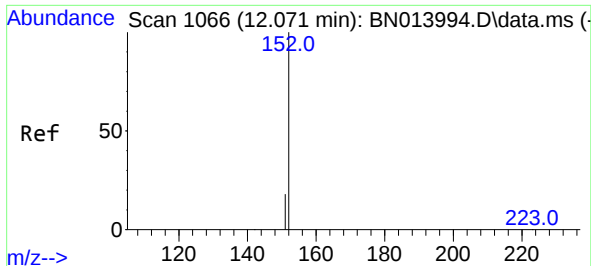
mohammad
3/25/2021 11:50:50 AM



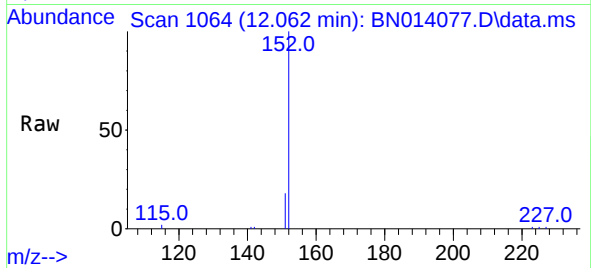
#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014077.D
Acq: 24 Mar 2021 19:11

Tgt Ion: 82 Resp: 3797
Ion Ratio Lower Upper
82 100
128 33.5 39.2 58.8#
54 64.6 40.1 60.1#

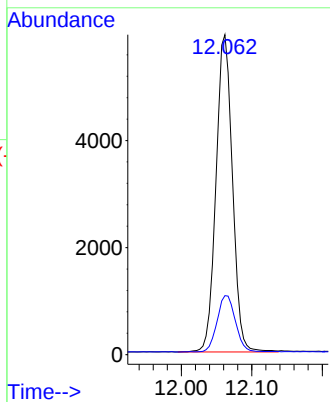
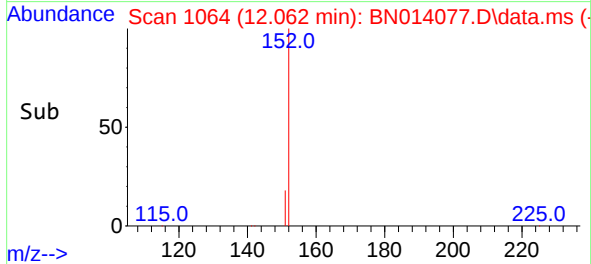




#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.062 min Scan# 1064
Delta R.T. -0.004 min
Lab File: BN014077.D
Acq: 24 Mar 2021 19:11



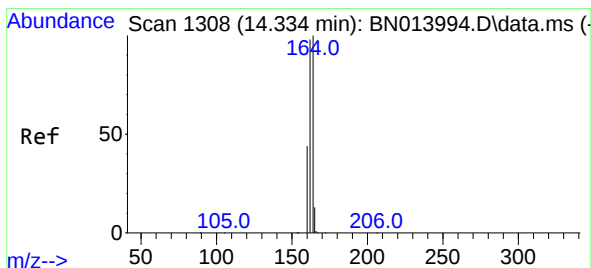
Tgt Ion:152 Resp: 9602
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2



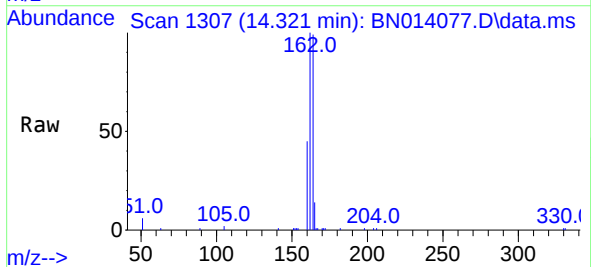
Instrument :
BNA_N
ClientSampleId :
RE-125D1-20210319

Manual Integrations
APPROVED

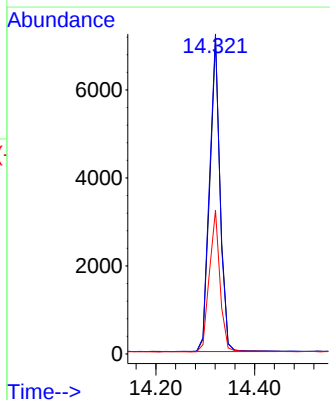
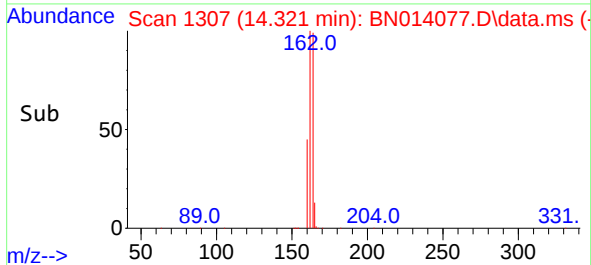
mohammad
3/25/2021 11:50:50 AM

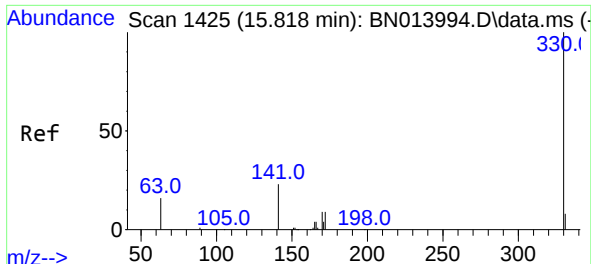


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014077.D
Acq: 24 Mar 2021 19:11



Tgt Ion:164 Resp: 10412
Ion Ratio Lower Upper
164 100
162 101.3 79.6 119.4
160 45.6 36.0 54.0





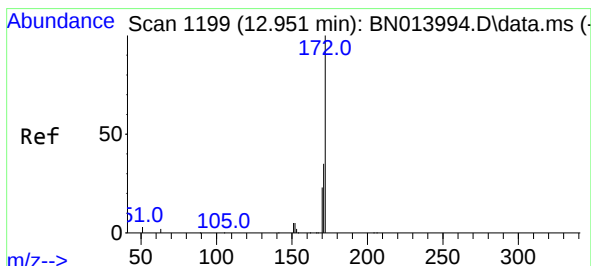
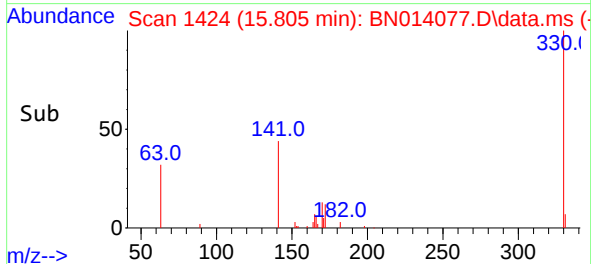
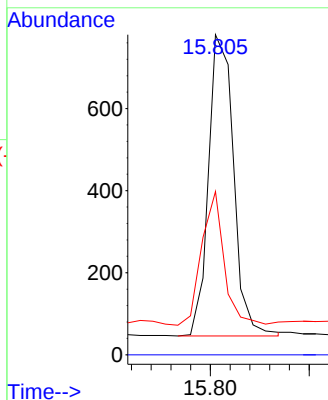
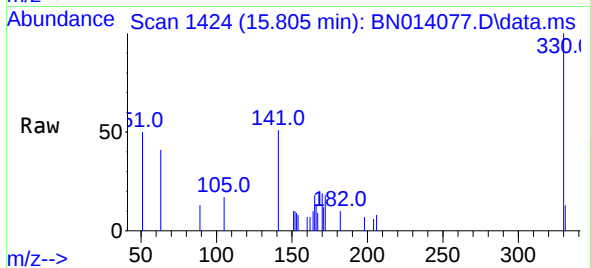
#14
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014077.D
Acq: 24 Mar 2021 19:11

Tgt Ion: 330 Resp: 1296
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.6 26.8 40.2

Instrument :
BNA_N
ClientSampleId :
RE-125D1-20210319

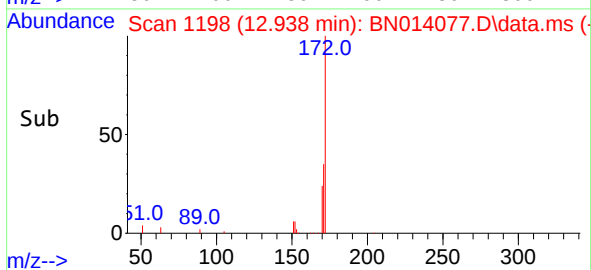
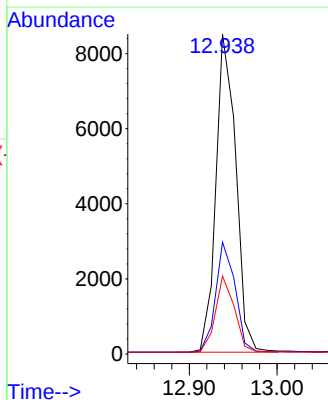
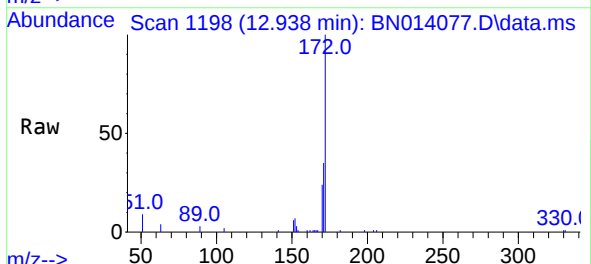
Manual Integrations
APPROVED

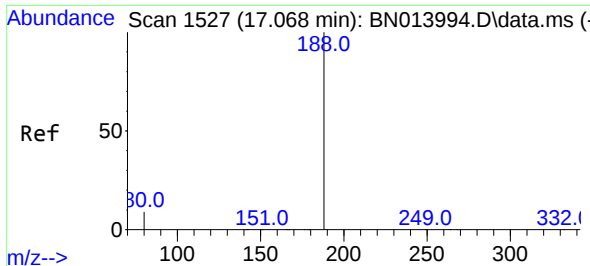
mohammad
3/25/2021 11:50:50 AM



#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014077.D
Acq: 24 Mar 2021 19:11

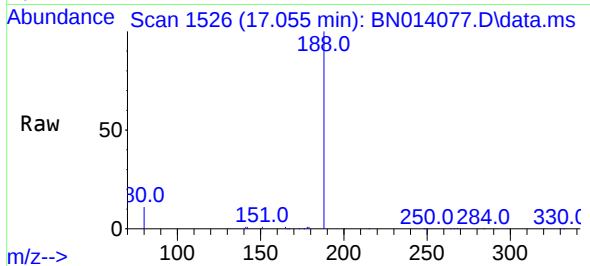
Tgt Ion: 172 Resp: 13377
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 24.3 18.9 28.3





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014077.D
Acq: 24 Mar 2021 19:11

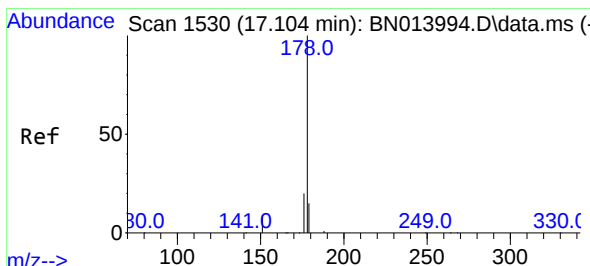
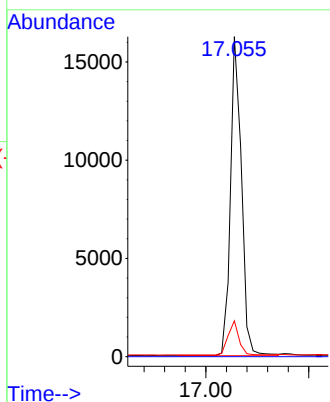
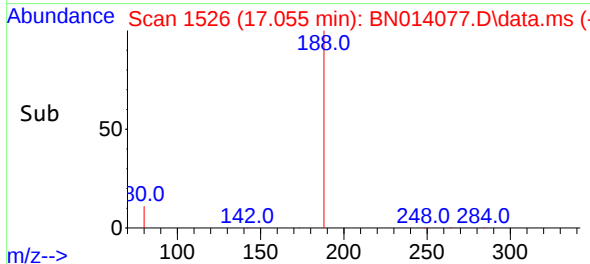
Instrument :
BNA_N
ClientSampleId :
RE-125D1-20210319



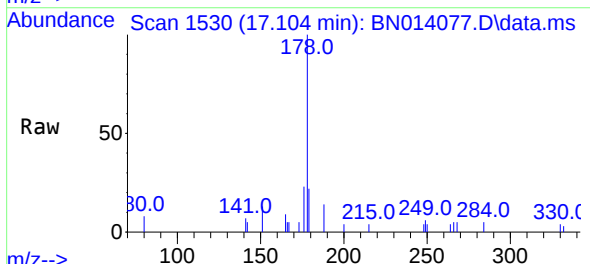
Tgt Ion:188 Resp: 24041
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 9.0 13.6

Manual Integrations
APPROVED

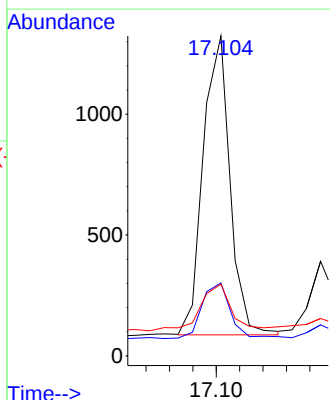
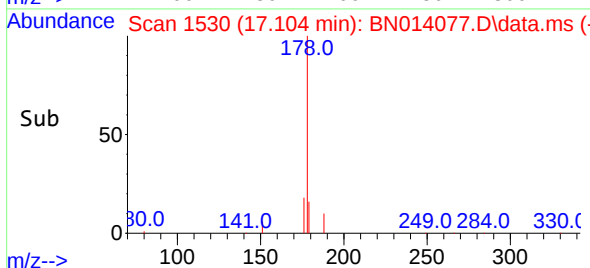
mohammad
3/25/2021 11:50:50 AM

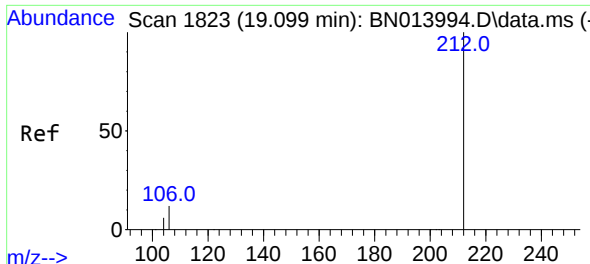


#25
Phenanthrene
Concen: 0.03 ng m
RT: 17.104 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BN014077.D
Acq: 24 Mar 2021 19:11

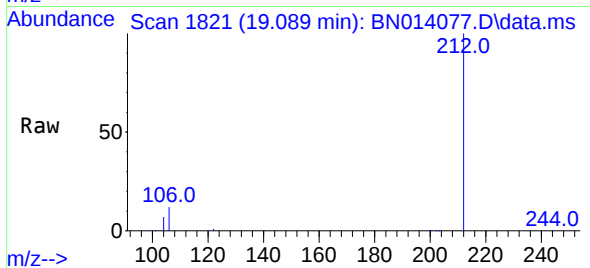


Tgt Ion:178 Resp: 1973
Ion Ratio Lower Upper
178 100
176 4.6 15.0 22.4#
179 4.5 12.3 18.5#



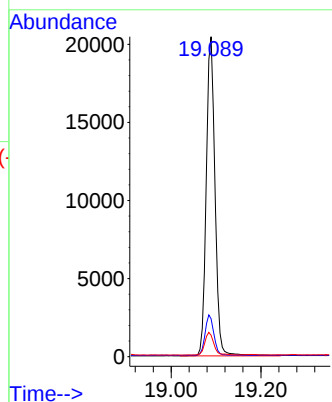


#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.089 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN014077.D
Acq: 24 Mar 2021 19:11



Tgt Ion: 212 Resp: 27543

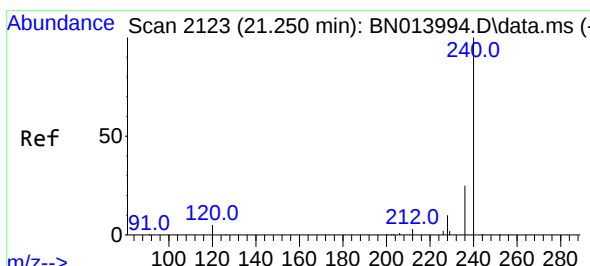
Ion	Ratio	Lower	Upper
212	100		
106	12.6	9.7	14.5
104	7.3	5.5	8.3



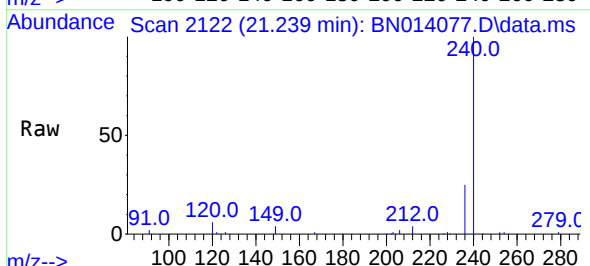
Instrument :
BNA_N
ClientSampleId :
RE-125D1-20210319

Manual Integrations
APPROVED

mohammad
3/25/2021 11:50:50 AM

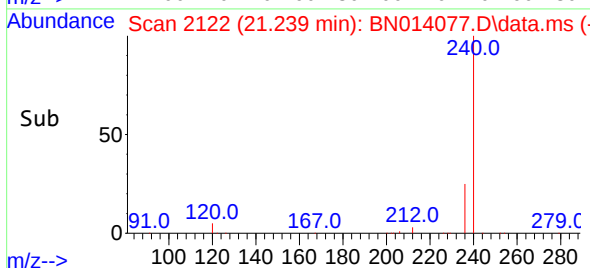
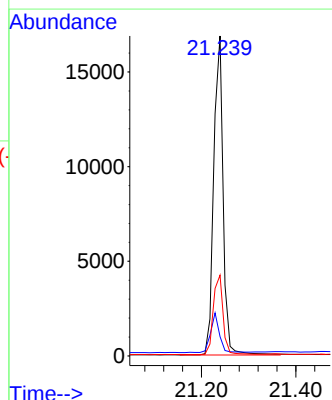


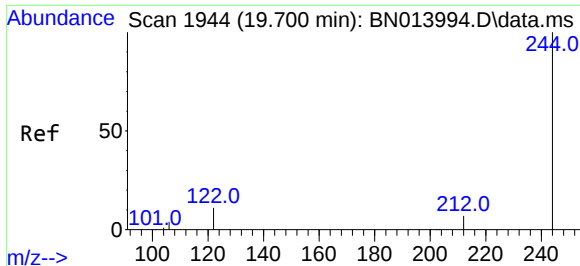
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.239 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BN014077.D
Acq: 24 Mar 2021 19:11



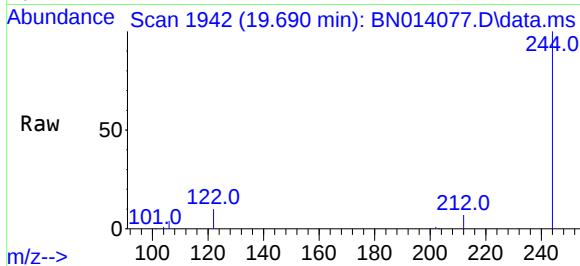
Tgt Ion: 240 Resp: 23315

Ion	Ratio	Lower	Upper
240	100		
120	6.0	10.2	15.4
236	25.3	21.3	31.9

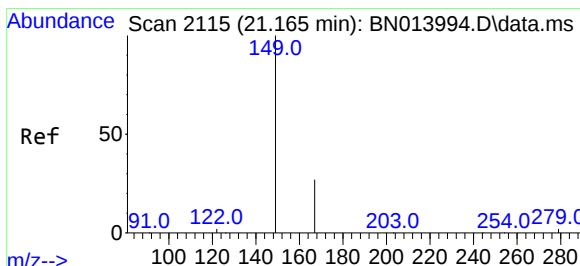
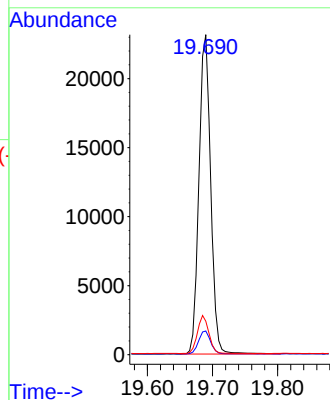
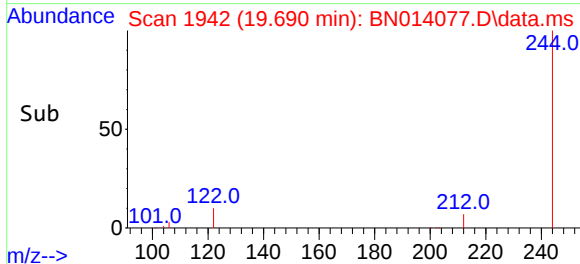




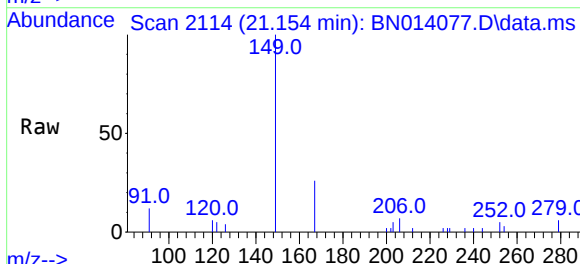
#31
Terphenyl-d14
Concen: 0.57 ng
RT: 19.690 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BN014077.D
Acq: 24 Mar 2021 19:11



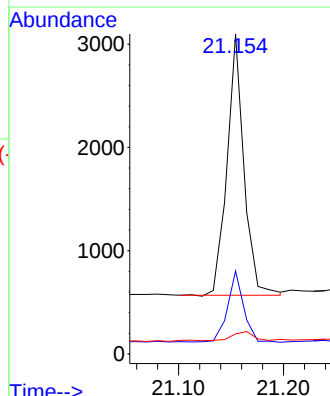
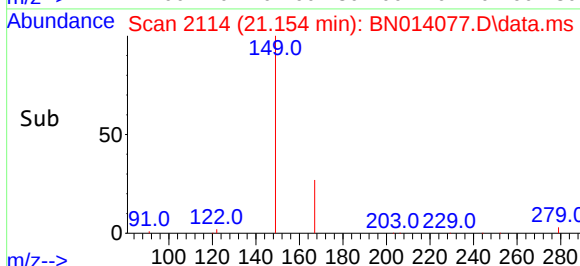
Tgt Ion:244 Resp: 28991
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 10.5 9.8 14.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 21.154 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BN014077.D
Acq: 24 Mar 2021 19:11



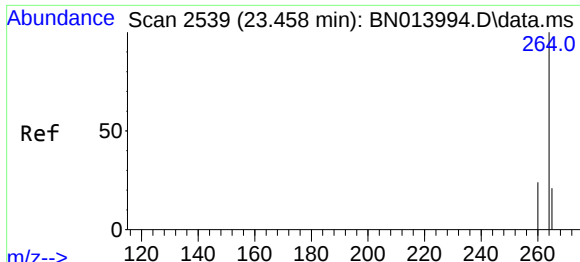
Tgt Ion:149 Resp: 2824
Ion Ratio Lower Upper
149 100
167 26.0 22.1 33.1
279 4.5 3.5 5.3



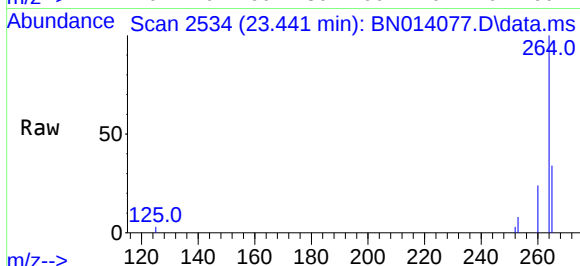
Instrument :
BNA_N
ClientSampleId :
RE-125D1-20210319

Manual Integrations
APPROVED

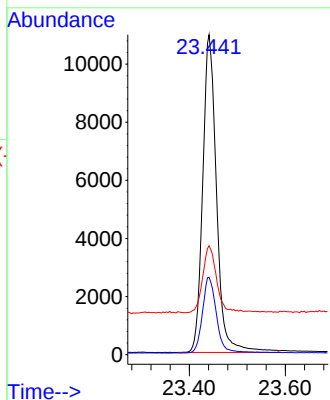
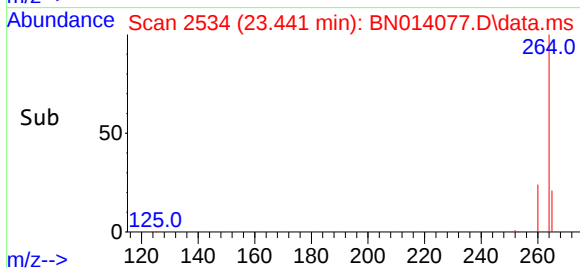
mohammad
3/25/2021 11:50:50 AM



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.441 min Scan# 2534
 Delta R.T. -0.006 min
 Lab File: BN014077.D
 Acq: 24 Mar 2021 19:11



Tgt Ion:	264	Resp:	21908
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.3	28.9
265	34.1	66.2	99.4#



Instrument :
 BNA_N
 ClientSampleId :
 RE-125D1-20210319

Manual Integrations
 APPROVED

mohammad
 3/25/2021 11:50:50 AM