

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017829.D
 Acq On : 09 Dec 2021 10:34
 Operator : CG/JU
 Sample : M4922-20
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20211130

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 10 01:53:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	20689	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	82697	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	58600	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	123923	0.400	ng	0.00
29) Chrysene-d12	21.293	240	105330	0.400	ng	# 0.01
35) Perylene-d12	23.589	264	78647	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	4999	0.100	ng	0.00
5) Phenol-d6	6.903	99	2742	0.058	ng	0.00
8) Nitrobenzene-d5	8.859	82	13721	0.249	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	36053	0.219	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	5435	0.177	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	55208	0.257	ng	0.00
27) Fluoranthene-d10	19.129	212	125481	0.303	ng	0.00
31) Terphenyl-d14	19.735	244	104025	0.460	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	1675m	0.220	ng	Qvalue
25) Phenanthrene	17.129	178	9739	0.030	ng	96
28) Fluoranthene	19.159	202	9288	0.023	ng	99
34) Bis(2-ethylhexyl)phtha...	21.218	149	21848	0.149	ng	99

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

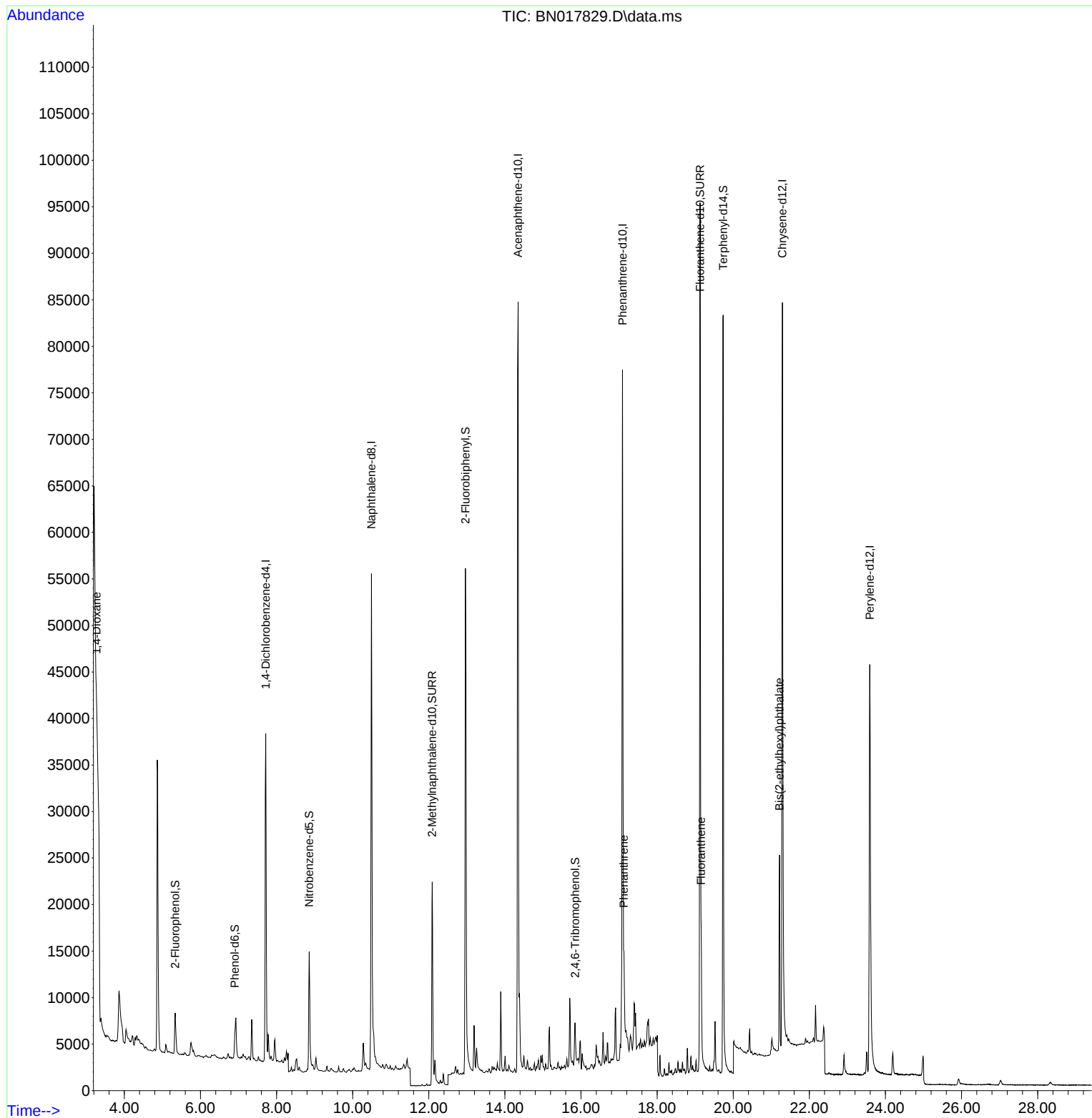
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
Data File : BN017829.D
Acq On : 09 Dec 2021 10:34
Operator : CG/JU
Sample : M4922-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

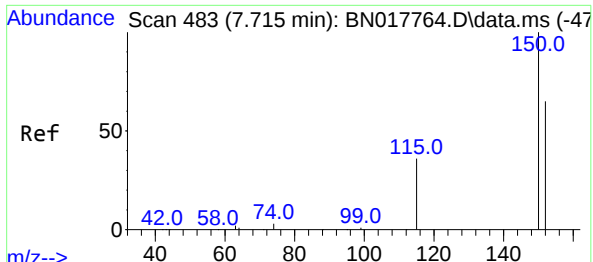
Instrument :
BNA_N
ClientSampleId :
RE117D1-20211130

Quant Time: Dec 10 01:53:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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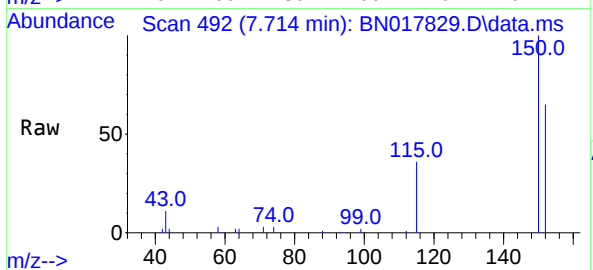
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#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.714 min Scan# 492
Delta R.T. -0.001 min
Lab File: BN017829.D
Acq: 09 Dec 2021 10:34

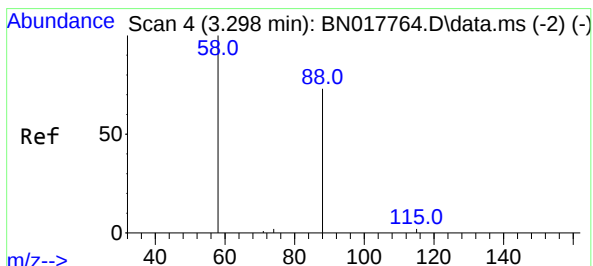
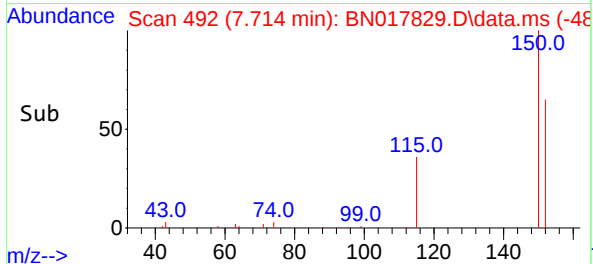
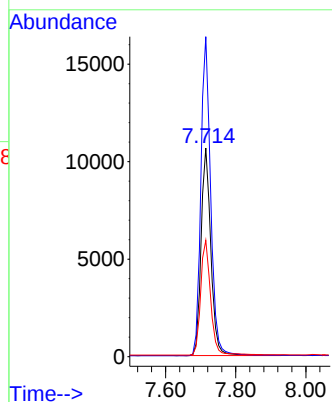
Instrument :
BNA_N
ClientSampleId :
RE117D1-20211130



Tgt Ion:152 Resp: 20689
Ion Ratio Lower Upper
152 100
150 153.4 123.0 184.4
115 55.7 45.3 67.9

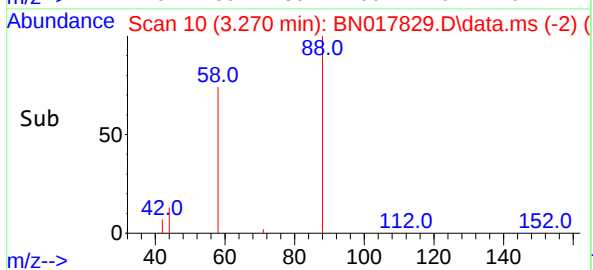
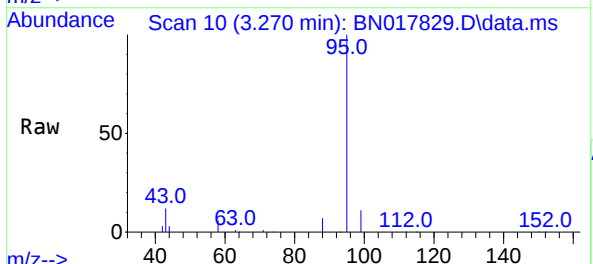
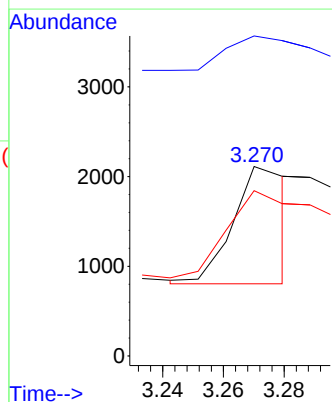
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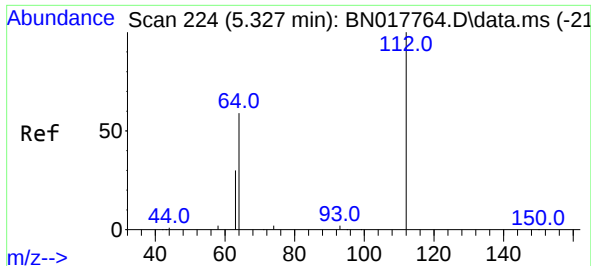
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#2
1,4-Dioxane
Concen: 0.220 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.028 min
Lab File: BN017829.D
Acq: 09 Dec 2021 10:34

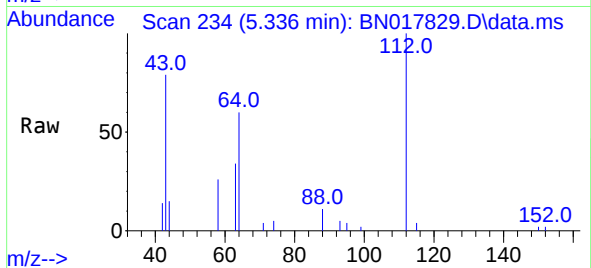
Tgt Ion: 88 Resp: 1675
Ion Ratio Lower Upper
88 100
43 80.1 0.0 0.0#
58 172.5 0.0 0.0#





#4
2-Fluorophenol
Concen: 0.100 ng
RT: 5.336 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017829.D
Acq: 09 Dec 2021 10:34

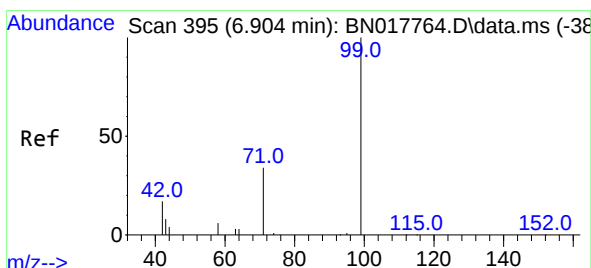
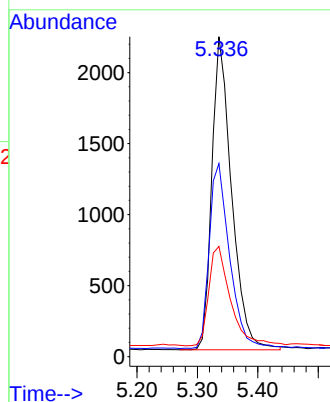
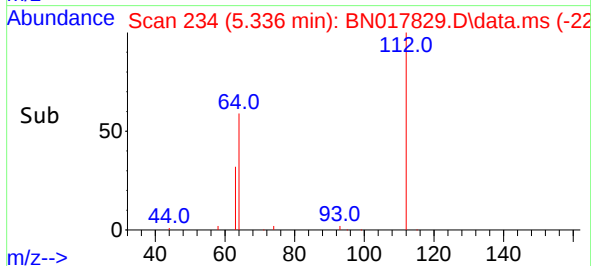
Instrument :
BNA_N
ClientSampleId :
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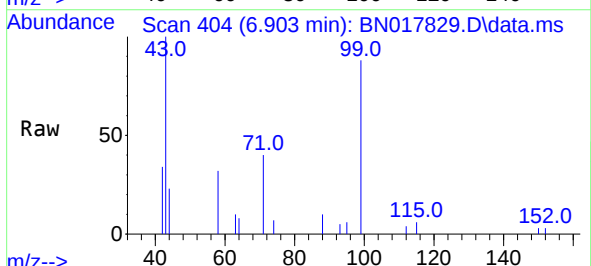
Tgt Ion: 112 Resp: 499
Ion Ratio Lower Upper
112 100
64 61.3 49.3 73.9
63 35.0 25.8 38.8

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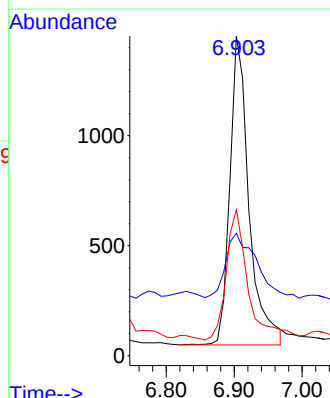
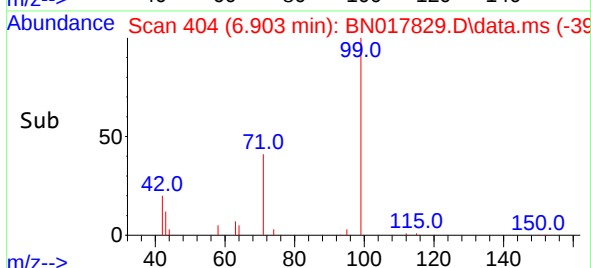
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Supervised By :mohammad ahmed 12/15/2021

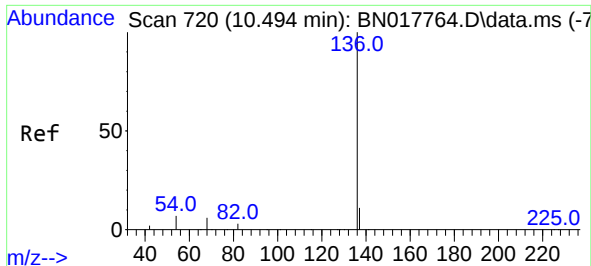


#5
Phenol-d6
Concen: 0.058 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.001 min
Lab File: BN017829.D
Acq: 09 Dec 2021 10:34



Tgt Ion: 99 Resp: 2742
Ion Ratio Lower Upper
99 100
42 32.4 16.6 25.0#
71 46.7 29.0 43.4#





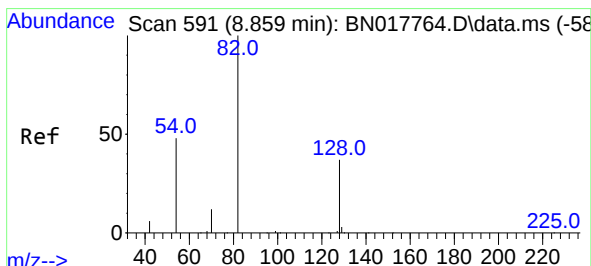
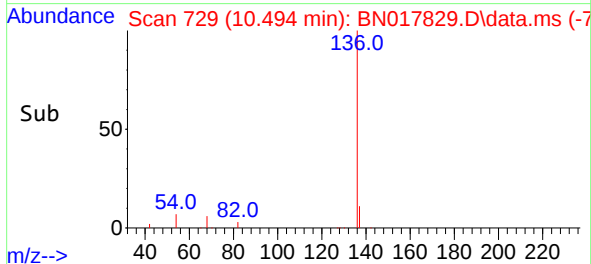
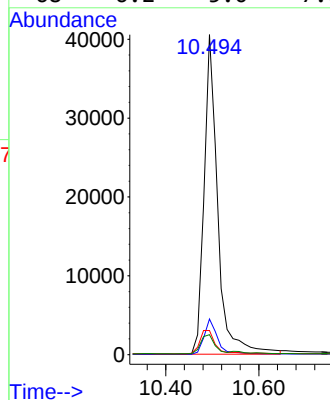
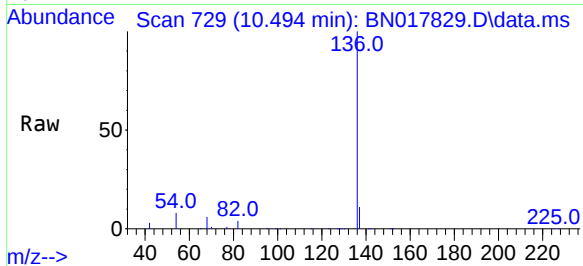
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 71
Delta R.T. -0.001 min
Lab File: BN017829.D
Acq: 09 Dec 2021 10:34

Instrument :
BNA_N
ClientSampleId :
RE117D1-20211130

Tgt Ion:	136	Resp:	8269
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	7.5	5.9	8.9
68	6.2	5.0	7.6

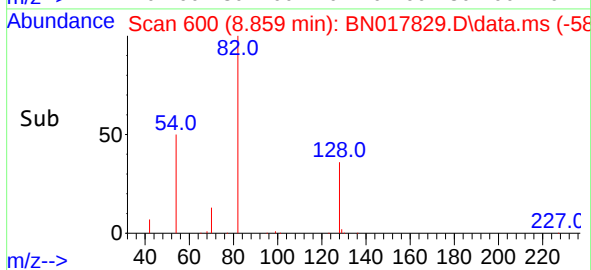
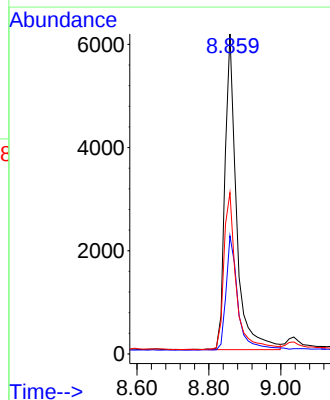
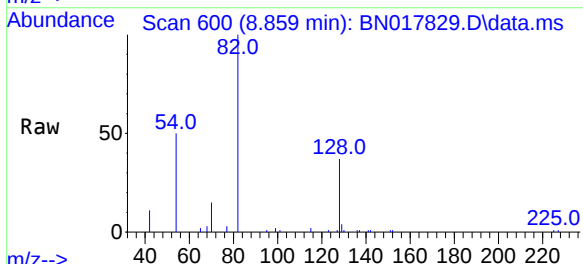
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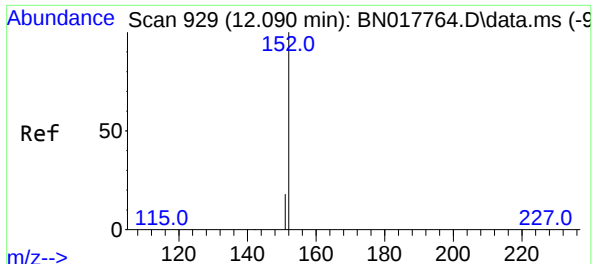
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#8
Nitrobenzene-d5
Concen: 0.249 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.001 min
Lab File: BN017829.D
Acq: 09 Dec 2021 10:34

Tgt Ion:	82	Resp:	13721
Ion Ratio	Lower	Upper	
82	100		
128	36.9	30.2	45.2
54	50.4	39.0	58.6





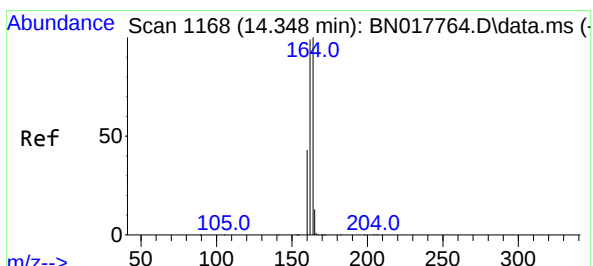
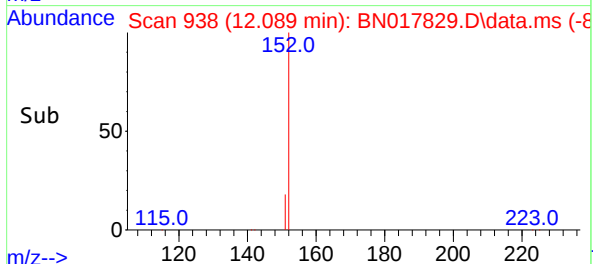
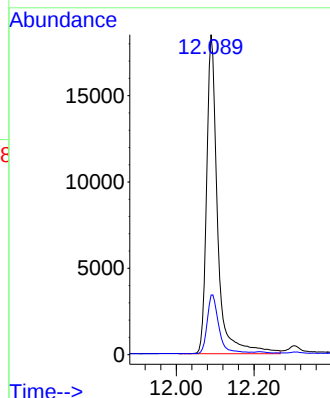
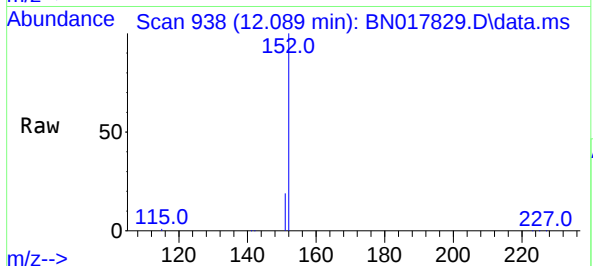
#11
2-Methylnaphthalene-d10
Concen: 0.219 ng
RT: 12.089 min Scan# 911
Delta R.T. -0.001 min
Lab File: BN017829.D
Acq: 09 Dec 2021 10:34

Instrument :
BNA_N
ClientSampleId :
RE117D1-20211130

Tgt Ion:152 Resp: 3605
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6

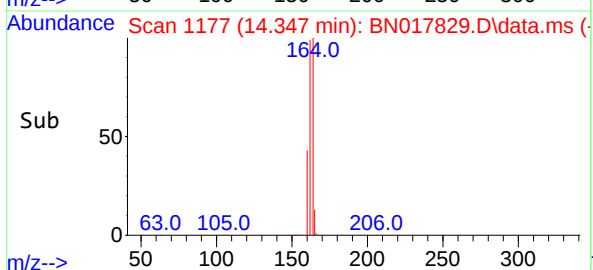
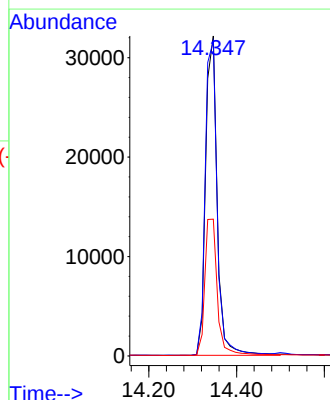
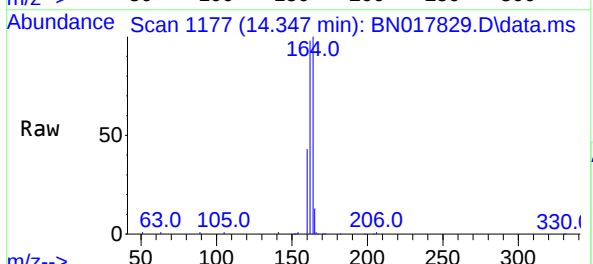
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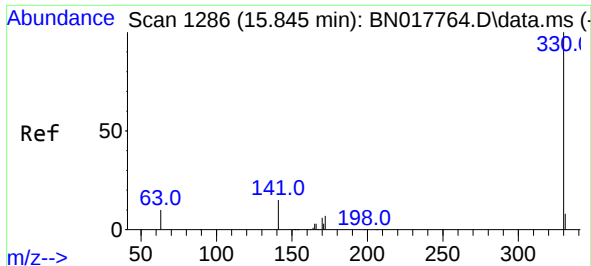
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Supervised By :mohammad ahmed 12/15/2021



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1177
Delta R.T. -0.001 min
Lab File: BN017829.D
Acq: 09 Dec 2021 10:34

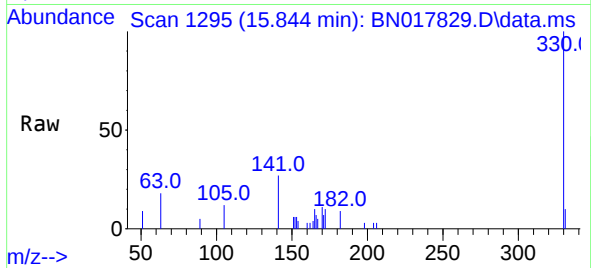
Tgt Ion:164 Resp: 58600
Ion Ratio Lower Upper
164 100
162 98.5 79.0 118.6
160 42.7 34.6 52.0





#14
2,4,6-Tribromophenol
Concen: 0.177 ng
RT: 15.844 min Scan# 1067
Delta R.T. -0.001 min
Lab File: BN017829.D
Acq: 09 Dec 2021 10:34

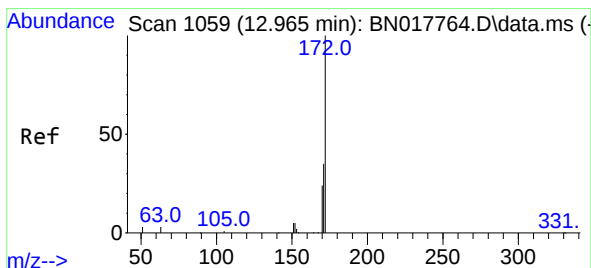
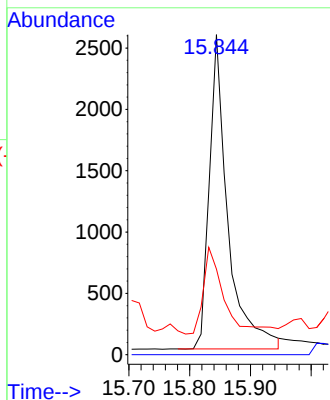
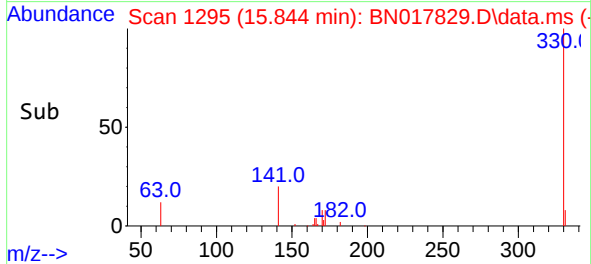
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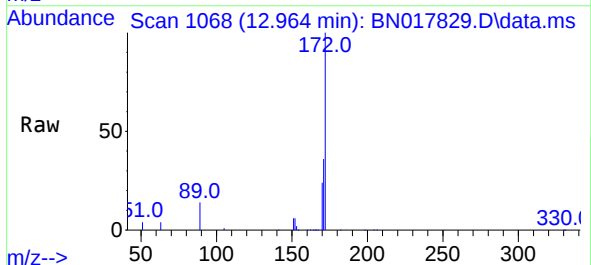
Tgt Ion:330 Resp: 5438
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.1 21.5 32.3

Manual Integrations
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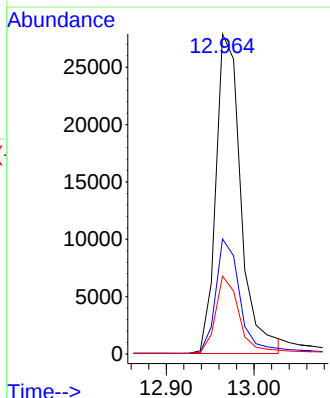
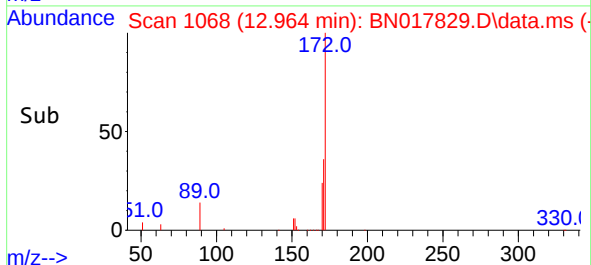
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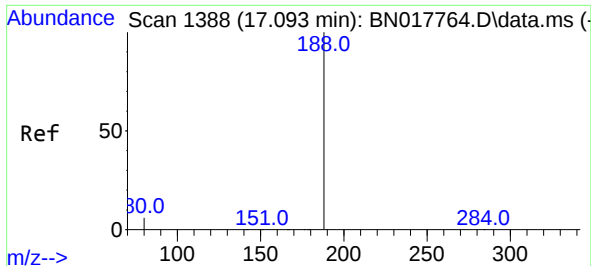


#15
2-Fluorobiphenyl
Concen: 0.257 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.001 min
Lab File: BN017829.D
Acq: 09 Dec 2021 10:34



Tgt Ion:172 Resp: 55208
Ion Ratio Lower Upper
172 100
171 35.9 28.1 42.1
170 24.3 18.9 28.3





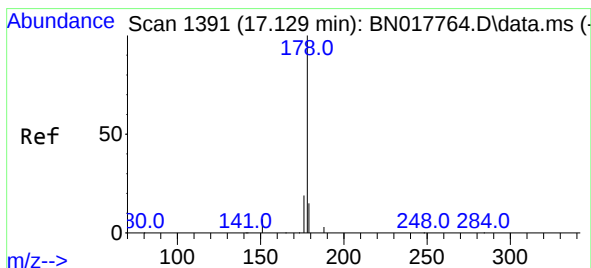
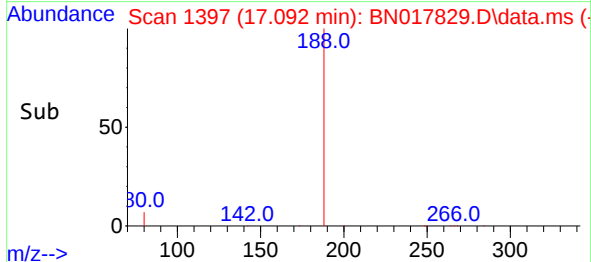
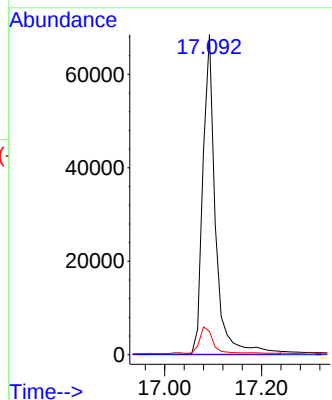
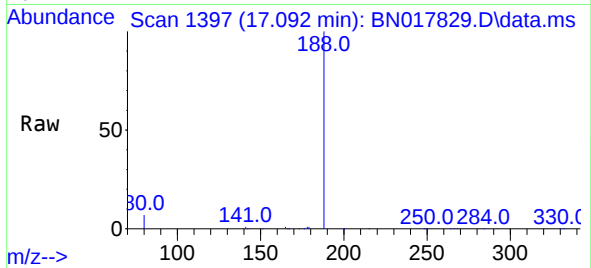
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.001 min
Lab File: BN017829.D
Acq: 09 Dec 2021 10:34

Instrument :
BNA_N
ClientSampleId :
RE117D1-20211130

Tgt Ion:188 Resp: 12392
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.3 5.1 7.7

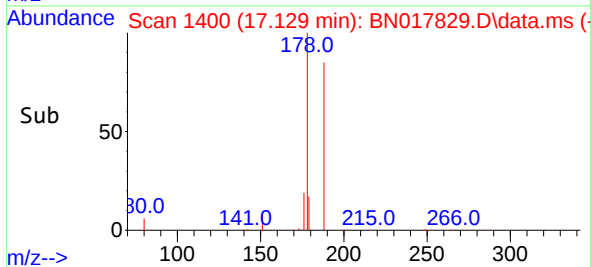
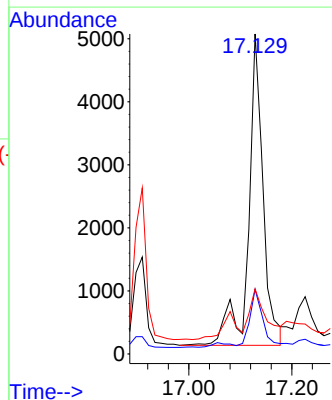
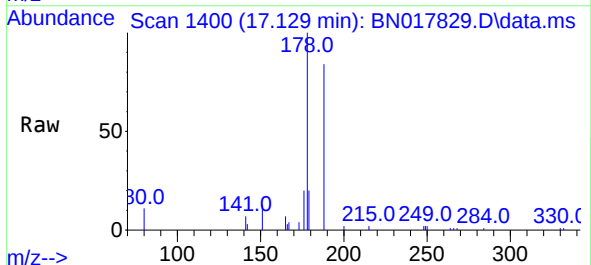
Manual Integrations
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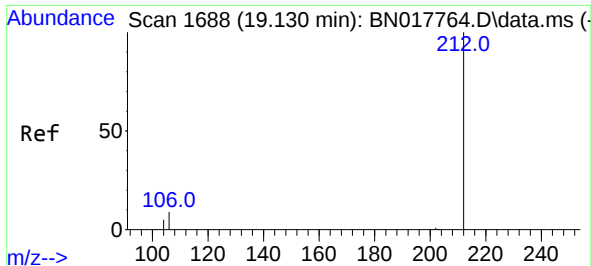
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



#25
Phenanthrene
Concen: 0.030 ng
RT: 17.129 min Scan# 1400
Delta R.T. -0.001 min
Lab File: BN017829.D
Acq: 09 Dec 2021 10:34

Tgt Ion:178 Resp: 9739
Ion Ratio Lower Upper
178 100
176 16.0 15.0 22.6
179 14.7 12.5 18.7





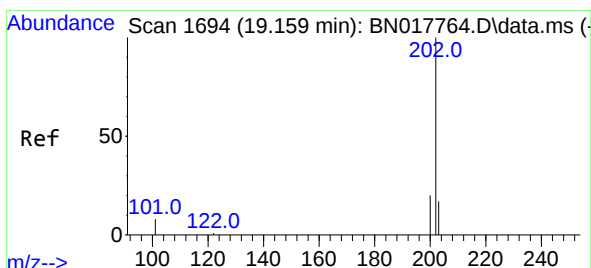
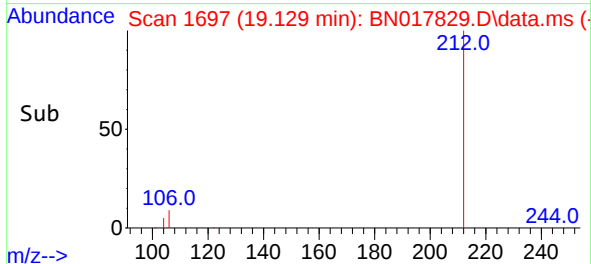
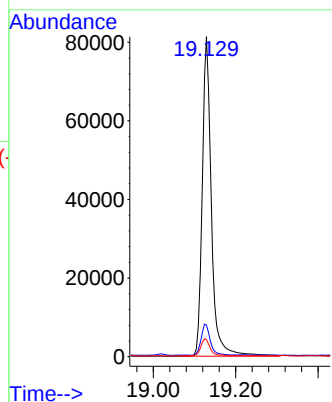
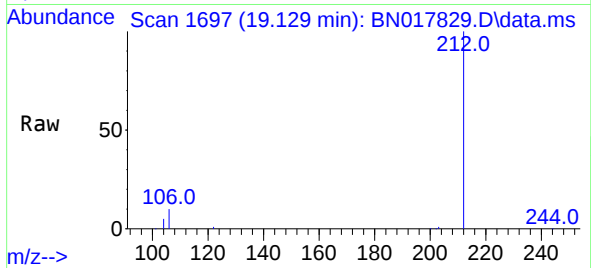
#27
Fluoranthene-d10
Concen: 0.303 ng
RT: 19.129 min Scan# 1703
Delta R.T. -0.001 min
Lab File: BN017829.D
Acq: 09 Dec 2021 10:34

Instrument :
BNA_N
ClientSampleId :
RE117D1-20211130

Tgt Ion:212 Resp: 12548
Ion Ratio Lower Upper
212 100
106 9.7 8.2 12.2
104 5.6 4.6 6.8

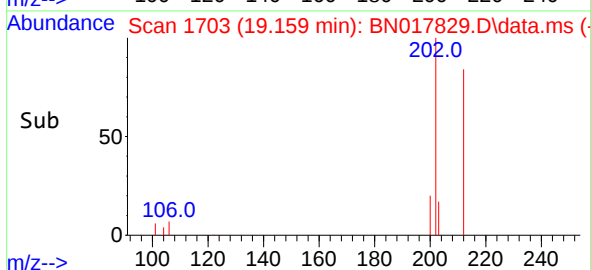
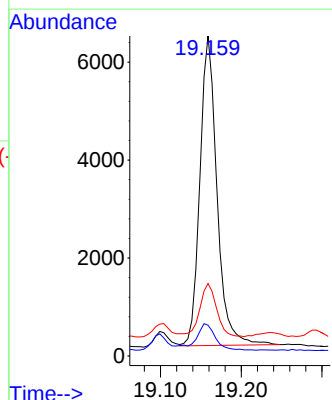
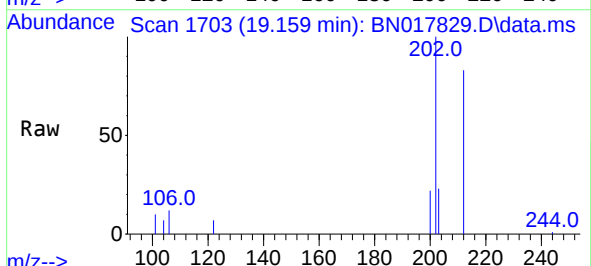
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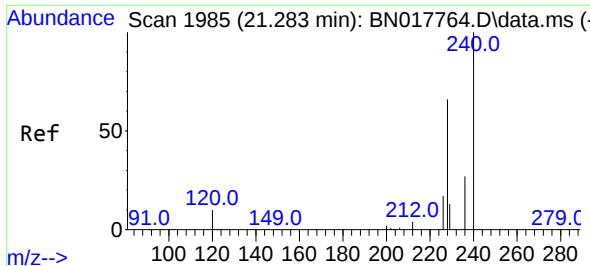
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



#28
Fluoranthene
Concen: 0.023 ng
RT: 19.159 min Scan# 1703
Delta R.T. -0.001 min
Lab File: BN017829.D
Acq: 09 Dec 2021 10:34

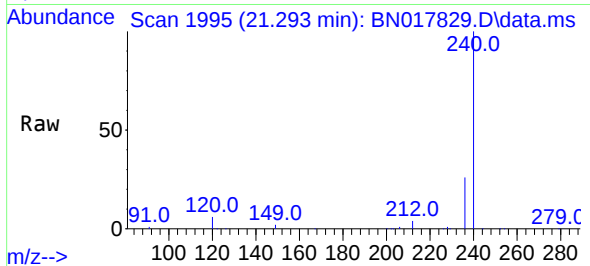
Tgt Ion:202 Resp: 9288
Ion Ratio Lower Upper
202 100
101 8.8 7.2 10.8
203 17.8 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1985
Delta R.T. 0.010 min
Lab File: BN017829.D
Acq: 09 Dec 2021 10:34

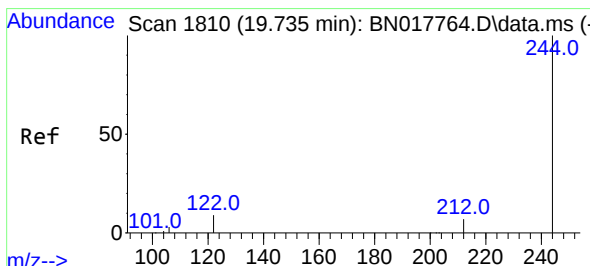
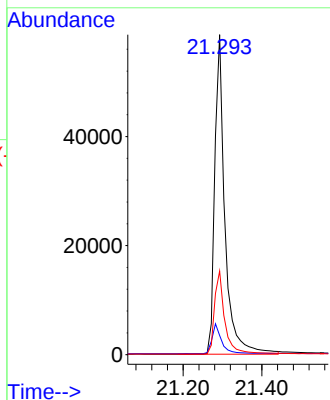
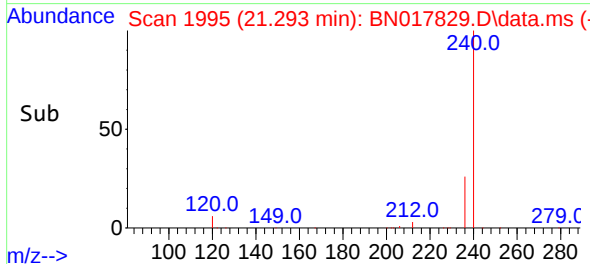
Instrument :
BNA_N
ClientSampleId :
RE117D1-20211130



Tgt Ion:240 Resp: 105330
Ion Ratio Lower Upper
240 100
120 6.0 7.9 11.9
236 26.1 21.4 32.2

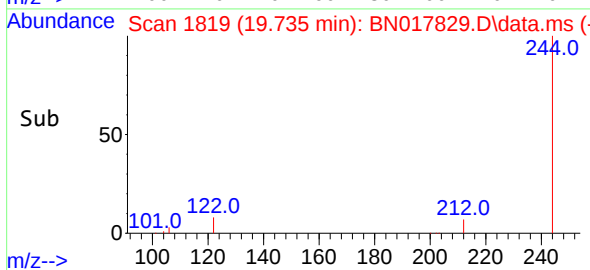
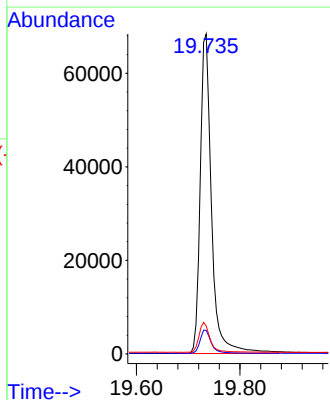
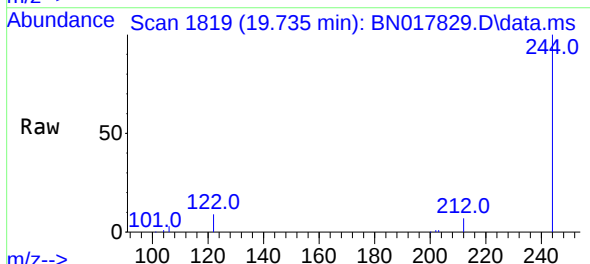
Manual Integrations
APPROVED

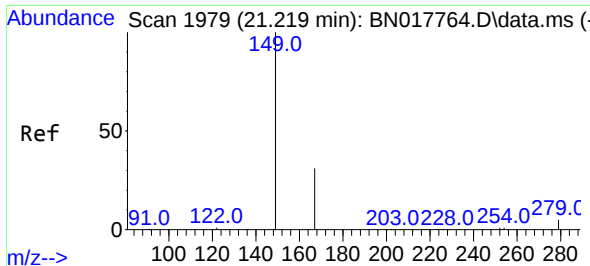
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



#31
Terphenyl-d14
Concen: 0.460 ng
RT: 19.735 min Scan# 1819
Delta R.T. -0.001 min
Lab File: BN017829.D
Acq: 09 Dec 2021 10:34

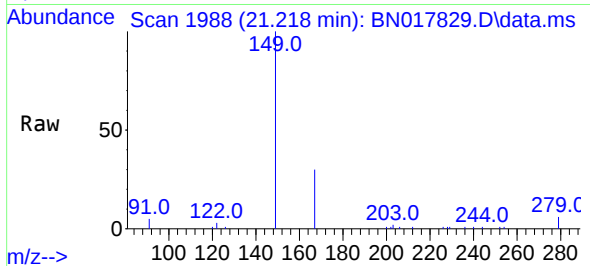
Tgt Ion:244 Resp: 104025
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 8.7 7.1 10.7





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.149 ng
RT: 21.218 min Scan# 1979
Delta R.T. -0.001 min
Lab File: BN017829.D
Acq: 09 Dec 2021 10:34

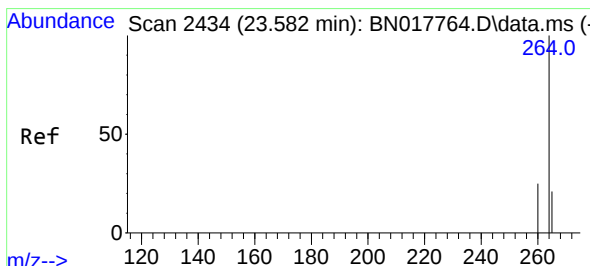
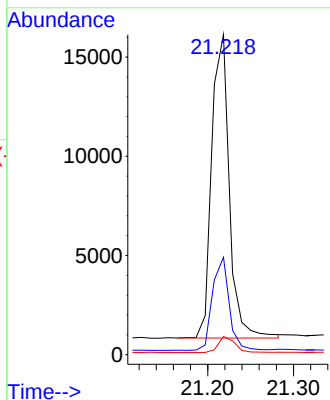
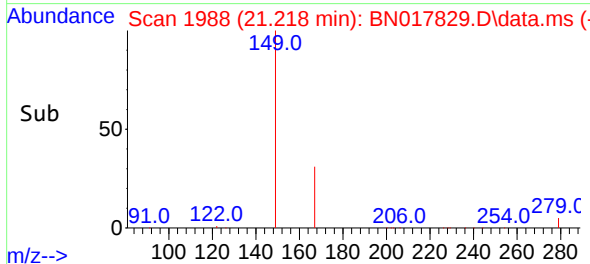
Instrument :
BNA_N
ClientSampleId :
RE117D1-20211130



Tgt Ion:149 Resp: 21848
Ion Ratio Lower Upper
149 100
167 29.1 23.5 35.3
279 5.2 3.8 5.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.589 min Scan# 2445
Delta R.T. 0.006 min
Lab File: BN017829.D
Acq: 09 Dec 2021 10:34

Tgt Ion:264 Resp: 78647
Ion Ratio Lower Upper
264 100
260 24.9 20.0 30.0
265 23.1 20.5 30.7

