

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017848.D
 Acq On : 09 Dec 2021 23:18
 Operator : CG/JU
 Sample : M4923-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20211130

Quant Time: Dec 10 06:50:16 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :Yogesh Patel 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	19232	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	76194	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	51867	0.400	ng	-0.01
19) Phenanthrene-d10	17.092	188	105210	0.400	ng	0.00
29) Chrysene-d12	21.282	240	88046	0.400	ng	0.00
35) Perylene-d12	23.582	264	58644	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.335	112	4386	0.094	ng	0.00
5) Phenol-d6	6.903	99	2305	0.052	ng	0.00
8) Nitrobenzene-d5	8.859	82	12675	0.250	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	33466	0.220	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3646	0.134	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	51695	0.272	ng	0.00
27) Fluoranthene-d10	19.124	212	125826	0.358	ng	0.00
31) Terphenyl-d14	19.730	244	103347	0.546	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	34449m	4.866	ng	
6) bis(2-Chloroethyl)ether	7.143	93	2554	0.051	ng	98
25) Phenanthrene	17.129	178	5708	0.021	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.208	149	24057	0.196	ng	99

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

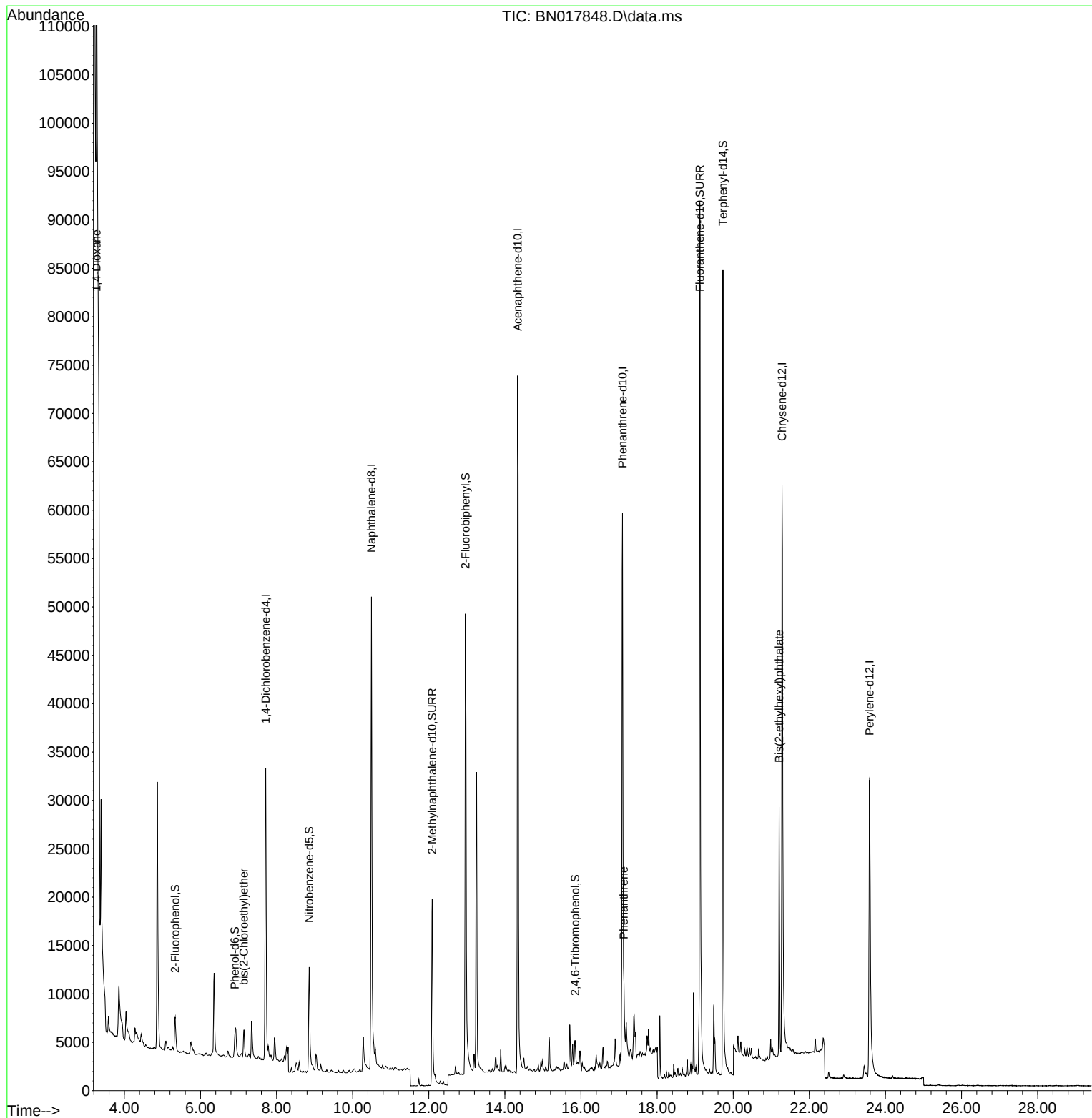
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
Data File : BN017848.D
Acq On : 09 Dec 2021 23:18
Operator : CG/JU
Sample : M4923-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

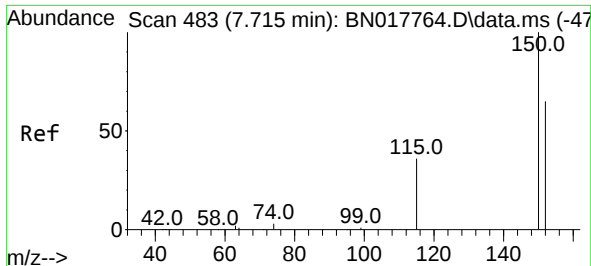
Instrument :
BNA_N
ClientSampleId :
RE115D1-20211130

Quant Time: Dec 10 06:50:16 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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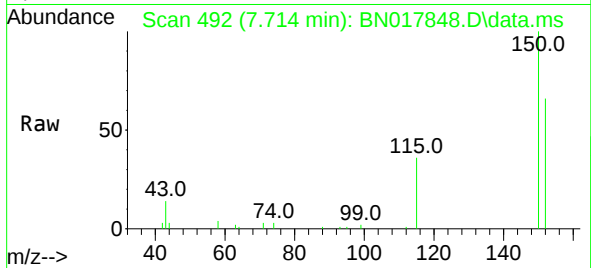
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.714 min Scan# 492
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

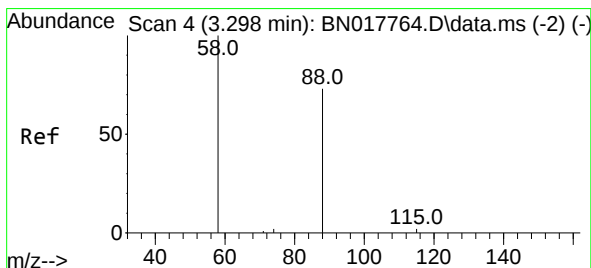
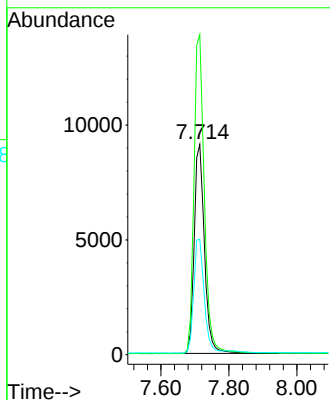
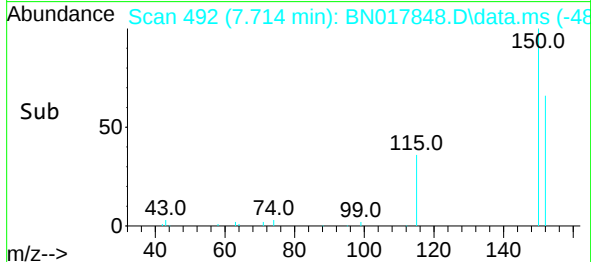
Instrument :
BNA_N
ClientSampleId :
RE115D1-20211130



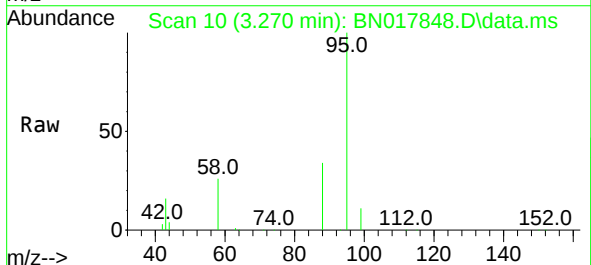
Tgt Ion:152 Resp: 19232
Ion Ratio Lower Upper
152 100
150 152.2 123.0 184.4
115 54.9 45.3 67.9

Manual Integrations
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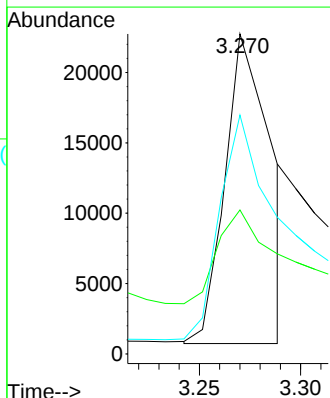
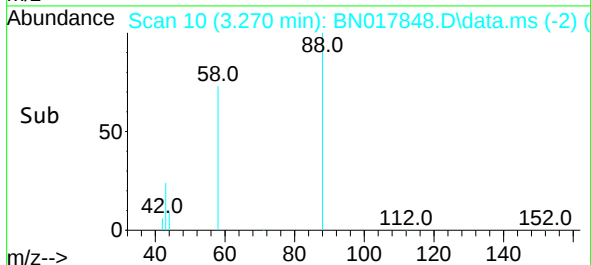
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

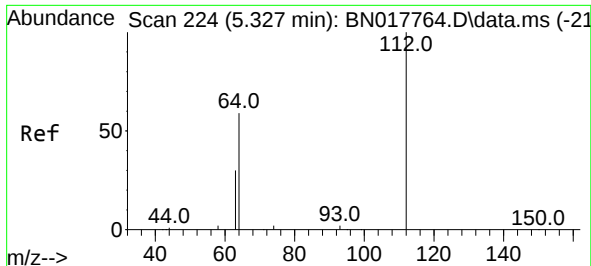


#2
1,4-Dioxane
Concen: 4.866 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.028 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18



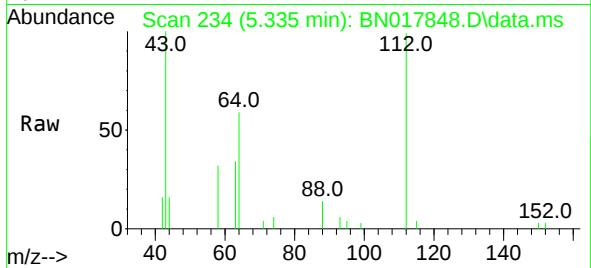
Tgt Ion: 88 Resp: 34449
Ion Ratio Lower Upper
88 100
43 47.2 0.0 0.0#
58 114.2 0.0 0.0#





#4
2-Fluorophenol
Concen: 0.094 ng
RT: 5.335 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

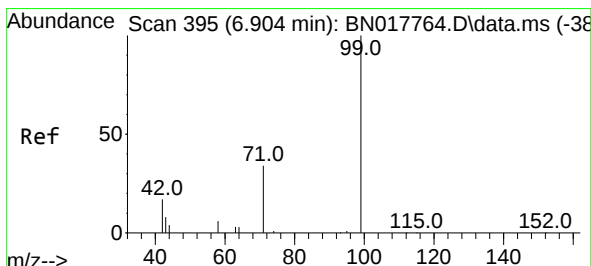
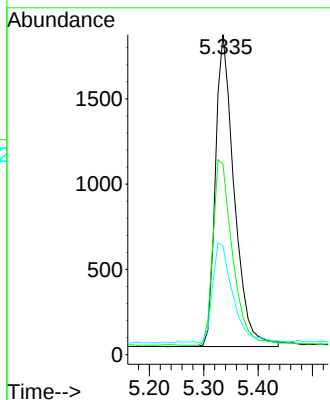
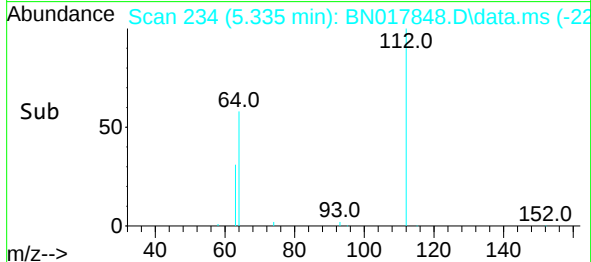
Instrument :
BNA_N
ClientSampleId :
RE115D1-20211130



Tgt Ion: 112 Resp: 4380
Ion Ratio Lower Upper
112 100
64 62.2 49.3 73.9
63 33.7 25.8 38.8

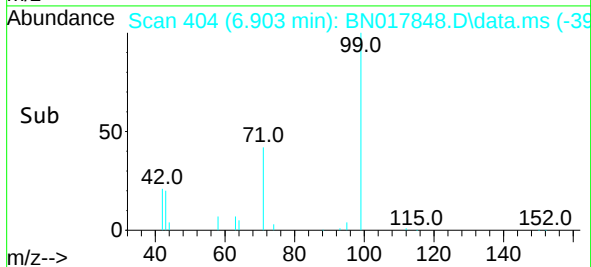
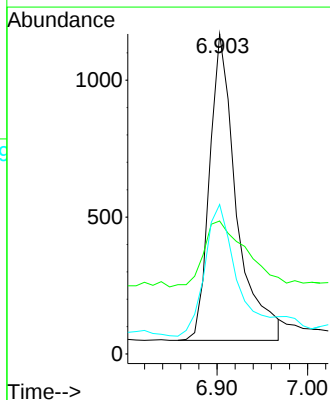
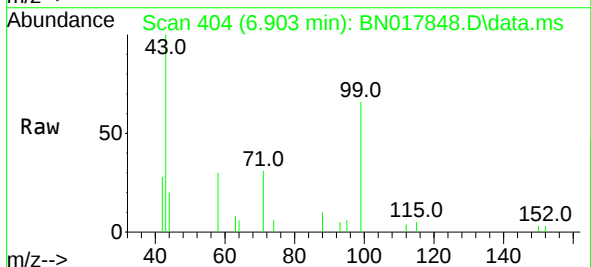
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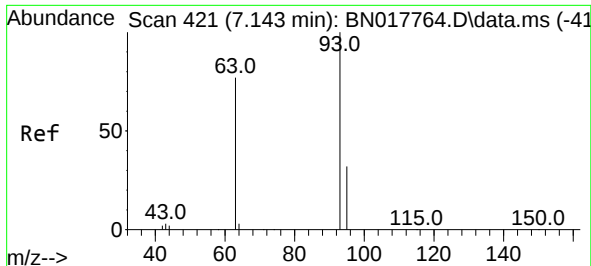
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#5
Phenol-d6
Concen: 0.052 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Tgt Ion: 99 Resp: 2305
Ion Ratio Lower Upper
99 100
42 33.8 16.6 25.0#
71 51.2 29.0 43.4#





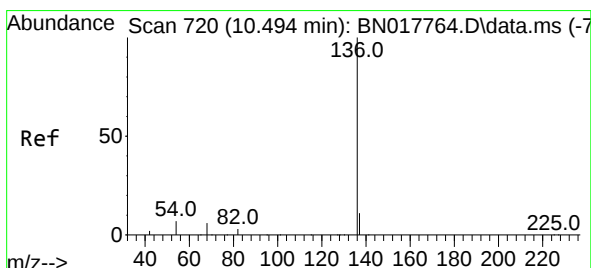
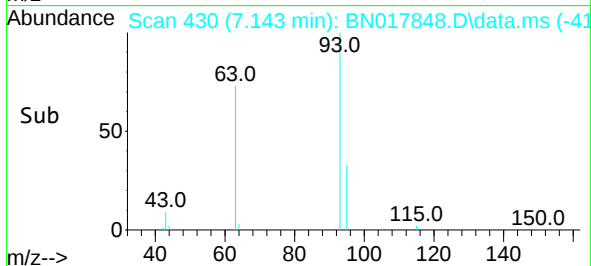
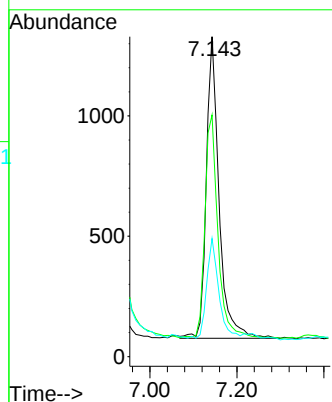
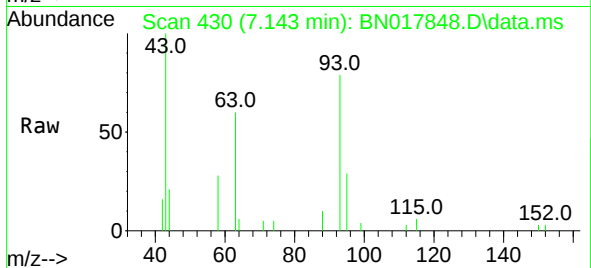
#6
bis(2-Chloroethyl)ether
Concen: 0.051 ng
RT: 7.143 min Scan# 41
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Instrument :
BNA_N
ClientSampleId :
RE115D1-20211130

Tgt Ion: 93 Resp: 2554
Ion Ratio Lower Upper
93 100
63 76.0 62.0 93.0
95 30.8 26.4 39.6

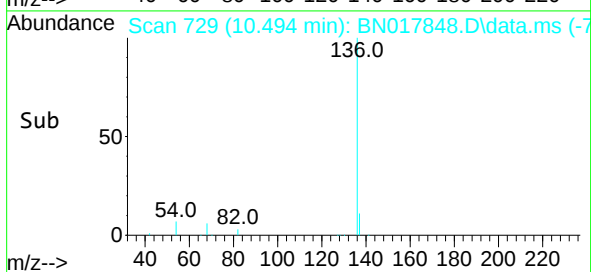
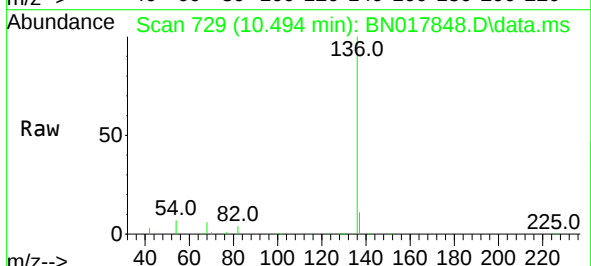
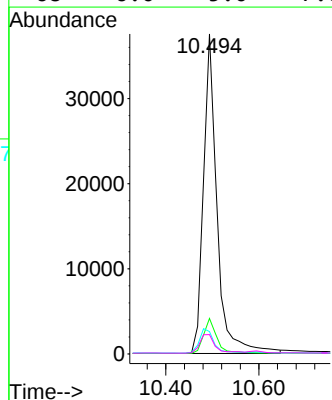
Manual Integrations
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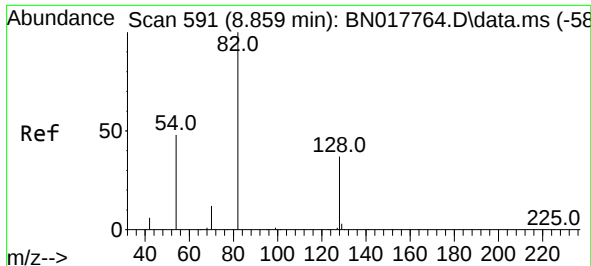
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Tgt Ion:136 Resp: 76194
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.0 5.9 8.9
68 6.0 5.0 7.6





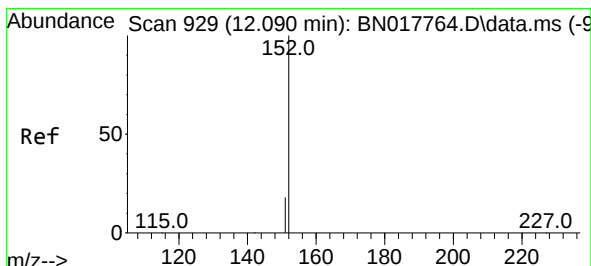
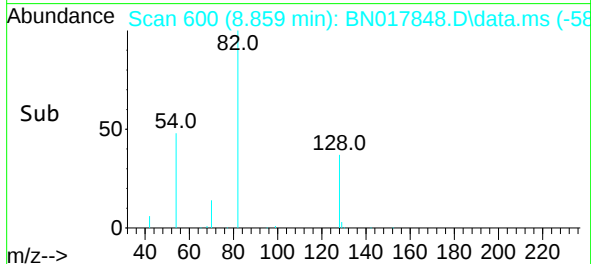
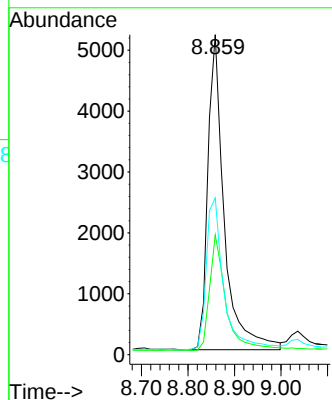
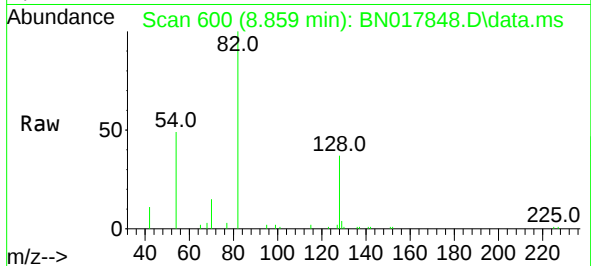
#8
Nitrobenzene-d5
Concen: 0.250 ng
RT: 8.859 min Scan# 601
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Instrument :
BNA_N
ClientSampleId :
RE115D1-20211130

Tgt Ion: 82 Resp: 1267
Ion Ratio Lower Upper
82 100
128 37.5 30.2 45.2
54 49.0 39.0 58.6

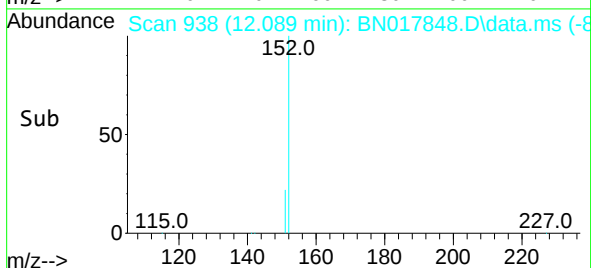
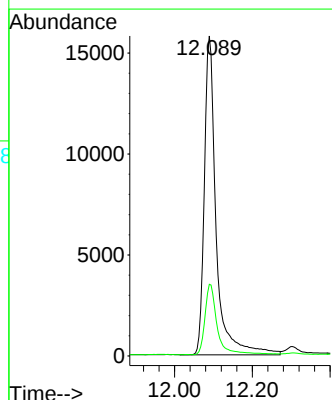
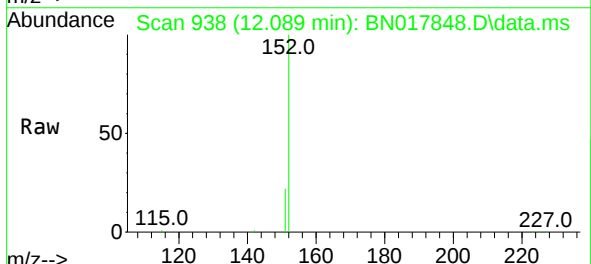
Manual Integrations
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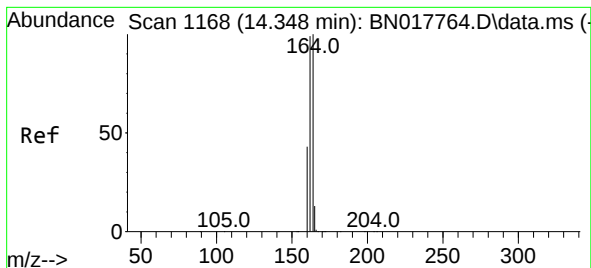
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#11
2-Methylnaphthalene-d10
Concen: 0.220 ng
RT: 12.089 min Scan# 938
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

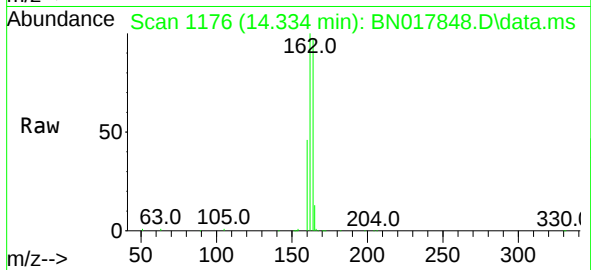
Tgt Ion:152 Resp: 33466
Ion Ratio Lower Upper
152 100
151 22.9 16.4 24.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1168
Delta R.T. -0.013 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

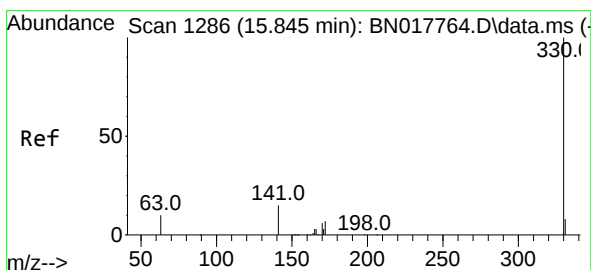
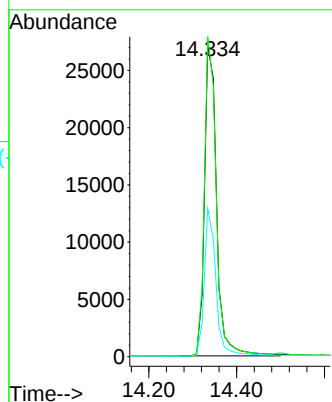
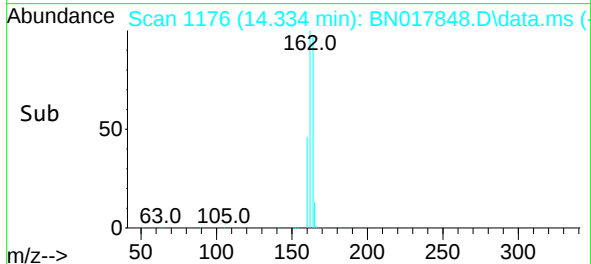
Instrument :
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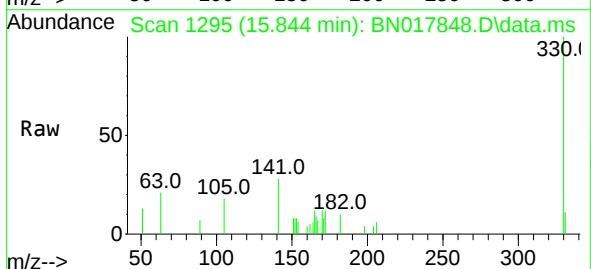
Tgt Ion:164 Resp: 5186
Ion Ratio Lower Upper
164 100
162 102.9 79.0 118.6
160 47.6 34.6 52.0

Manual Integrations
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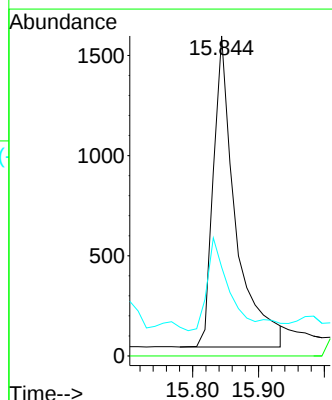
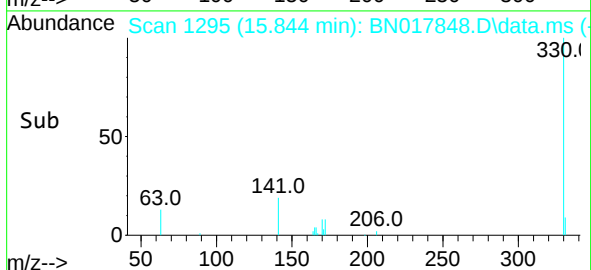
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Supervised By :Yogesh Patel 12/15/2021

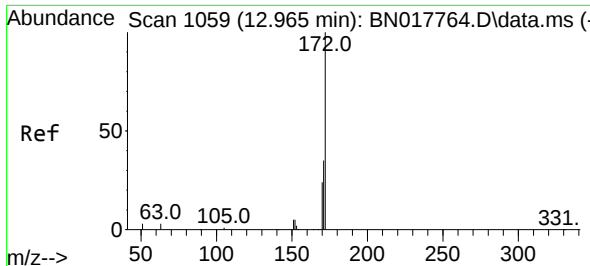


#14
2,4,6-Tribromophenol
Concen: 0.134 ng
RT: 15.844 min Scan# 1295
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18



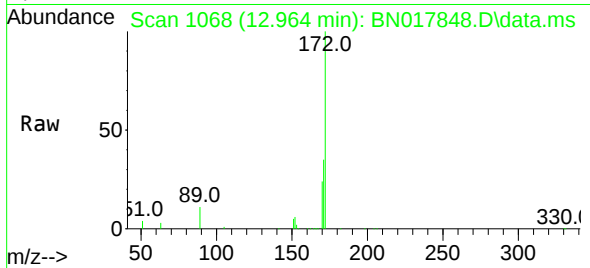
Tgt Ion:330 Resp: 3646
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.3 21.5 32.3





#15
2-Fluorobiphenyl
Concen: 0.272 ng
RT: 12.964 min Scan# 1059
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

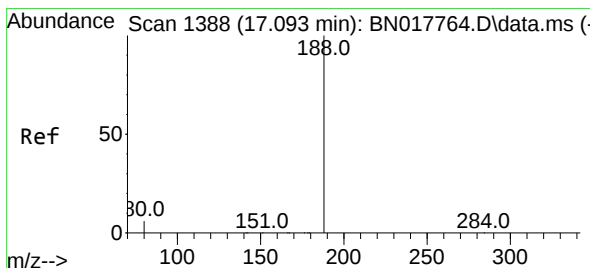
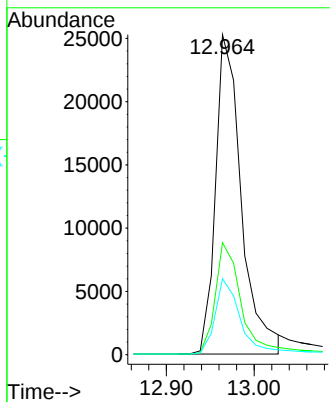
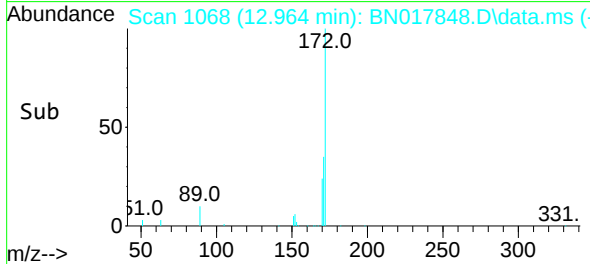
Instrument :
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Tgt Ion:172 Resp: 5169
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.7 18.9 28.3

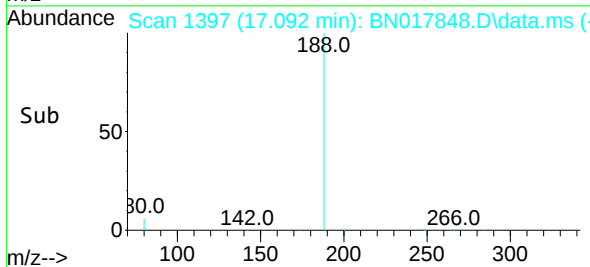
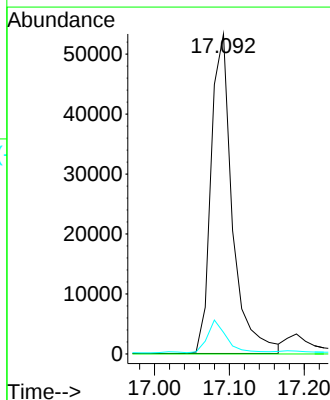
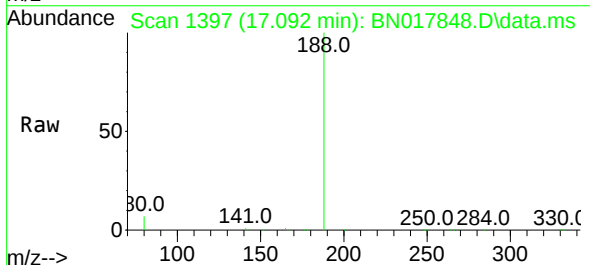
Manual Integrations
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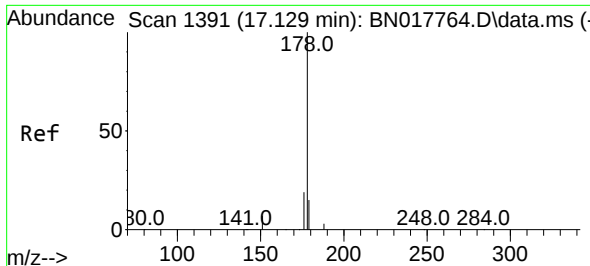
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

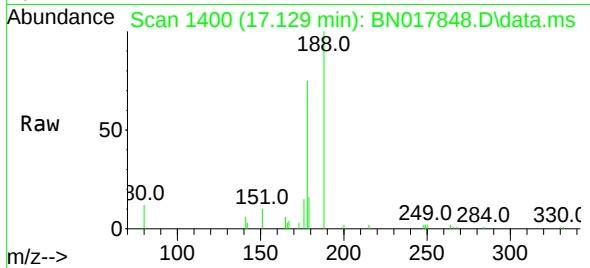
Tgt Ion:188 Resp: 105210
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.7 5.1 7.7





#25
Phenanthrene
Concen: 0.021 ng
RT: 17.129 min Scan# 1400
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

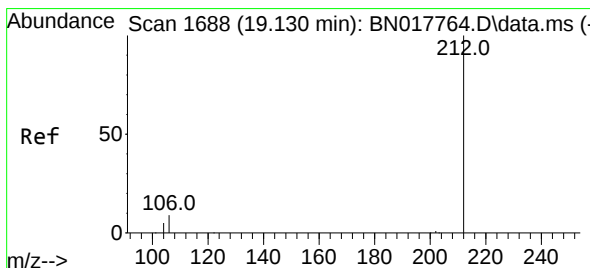
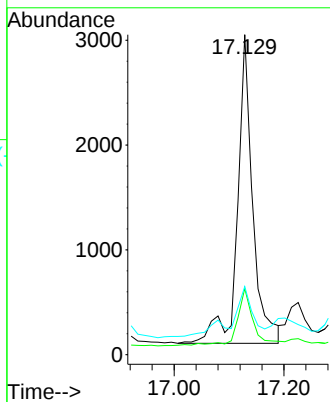
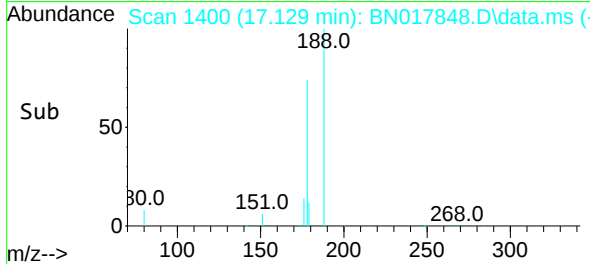
Instrument :
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Tgt Ion:178 Resp: 5708
Ion Ratio Lower Upper
178 100
176 20.2 15.0 22.6
179 12.1 12.5 18.7

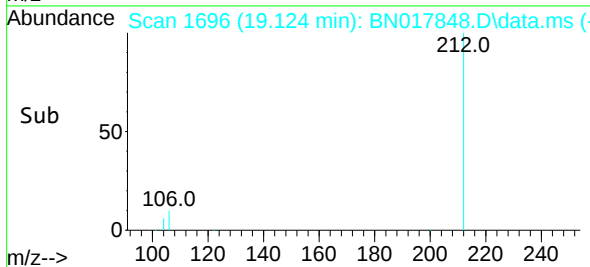
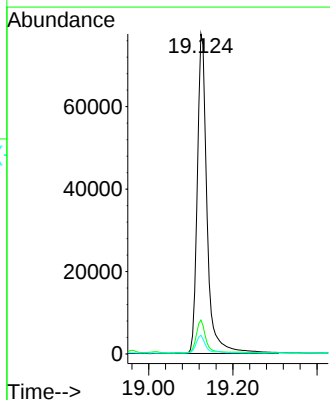
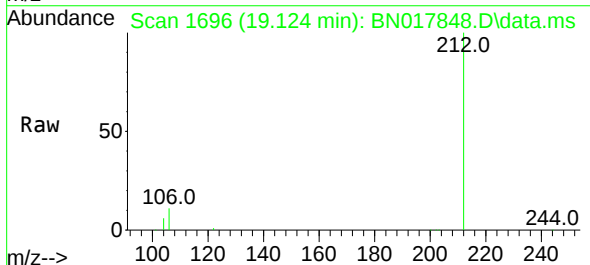
Manual Integrations
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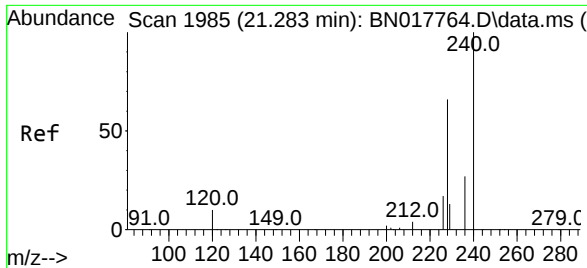
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#27
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

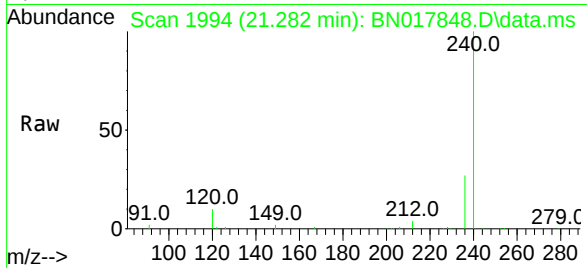
Tgt Ion:212 Resp: 125826
Ion Ratio Lower Upper
212 100
106 9.7 8.2 12.2
104 5.8 4.6 6.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.282 min Scan# 1985
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

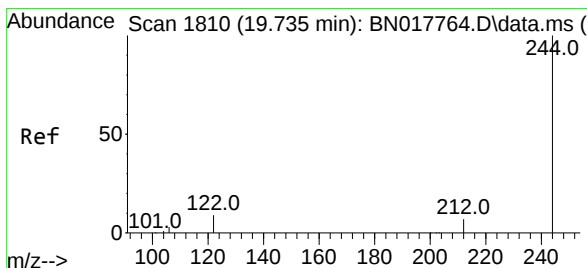
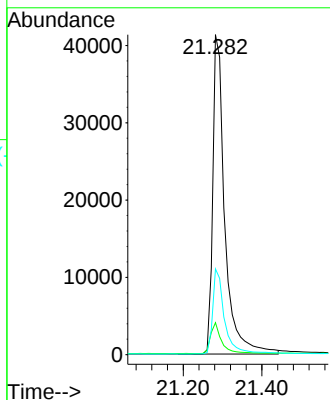
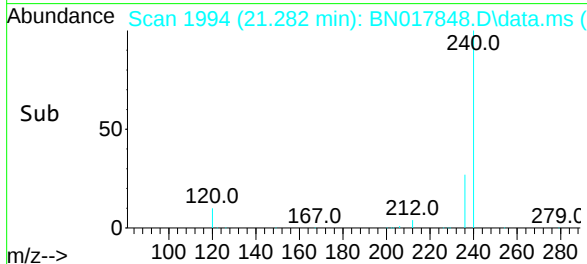
Instrument :
BNA_N
ClientSampleId :
RE115D1-20211130



Tgt Ion:240 Resp: 88040
Ion Ratio Lower Upper
240 100
120 10.0 7.9 11.9
236 26.8 21.4 32.2

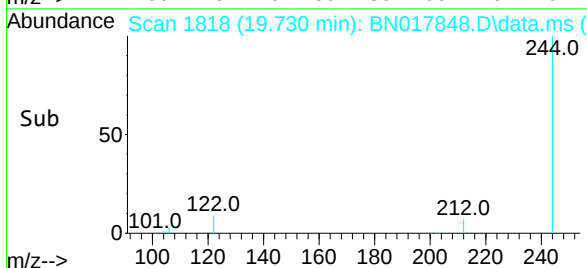
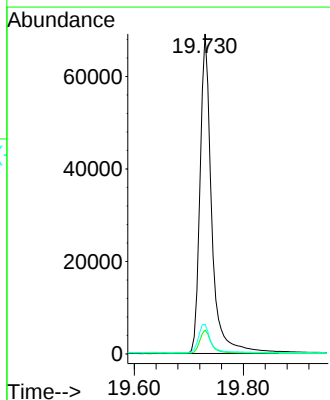
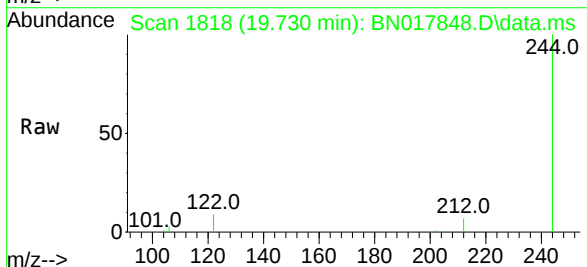
Manual Integrations
APPROVED

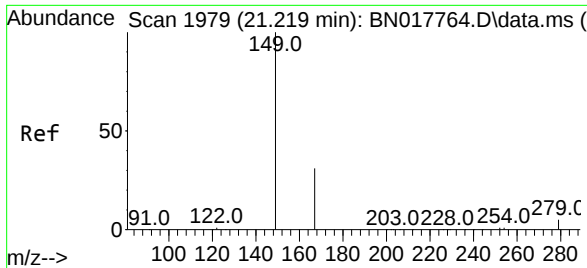
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#31
Terphenyl-d14
Concen: 0.546 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

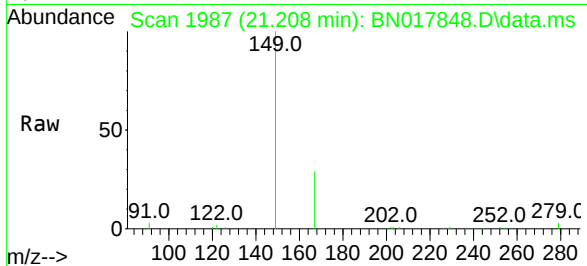
Tgt Ion:244 Resp: 103347
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 9.2 7.1 10.7





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.196 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.011 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

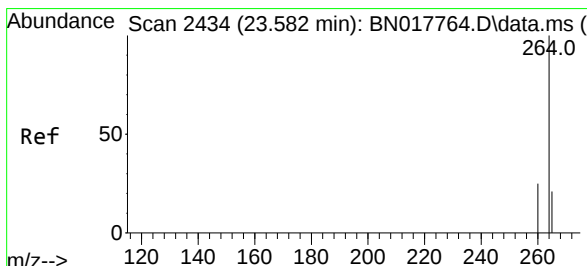
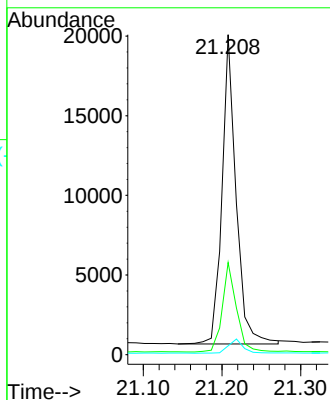
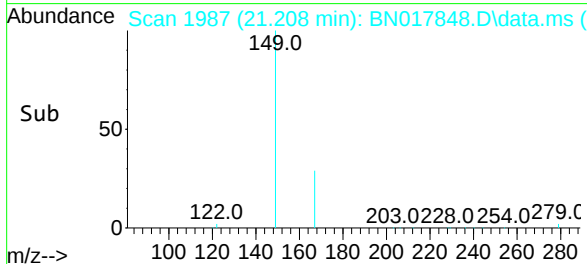
Instrument :
BNA_N
ClientSampleId :
RE115D1-20211130



Tgt Ion:149 Resp: 2405
Ion Ratio Lower Upper
149 100
167 29.0 23.5 35.3
279 4.7 3.8 5.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.582 min Scan# 2443
Delta R.T. -0.001 min
Lab File: BN017848.D
Acq: 09 Dec 2021 23:18

Tgt Ion:264 Resp: 58644
Ion Ratio Lower Upper
264 100
260 25.0 20.0 30.0
265 23.2 20.5 30.7

