

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110823\
 Data File : BN028502.D
 Acq On : 08 Nov 2023 16:44
 Operator : MA/JU
 Sample : 05096-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :mohammad ahmed 11/09/2023

Quant Time: Nov 08 17:50:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 00:27:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	10334	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	34239	0.400	ng	#-0.01
13) Acenaphthene-d10	14.364	164	38322	0.400	ng	# 0.00
19) Phenanthrene-d10	17.109	188	46406	0.400	ng	# 0.00
29) Chrysene-d12	21.320	240	37496	0.400	ng	# 0.00
35) Perylene-d12	23.637	264	36808	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	3317	0.107	ng	0.00
5) Phenol-d6	6.887	99	2529	0.064	ng	0.00
8) Nitrobenzene-d5	8.865	82	6459	0.211	ng	0.00
11) 2-Methylnaphthalene-d10	12.098	152	11305	0.190	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	3661	0.170	ng	0.00
15) 2-Fluorobiphenyl	12.985	172	18669	0.111	ng	0.00
27) Fluoranthene-d10	19.153	212	39894	0.281	ng	0.00
31) Terphenyl-d14	19.762	244	24006	0.241	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.552	128	2214	0.021	ng	# 92
30) Pyrene	19.548	202	75967m	0.425	ng	
34) Bis(2-ethylhexyl)phtha...	21.257	149	14603	0.151	ng	# 93

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

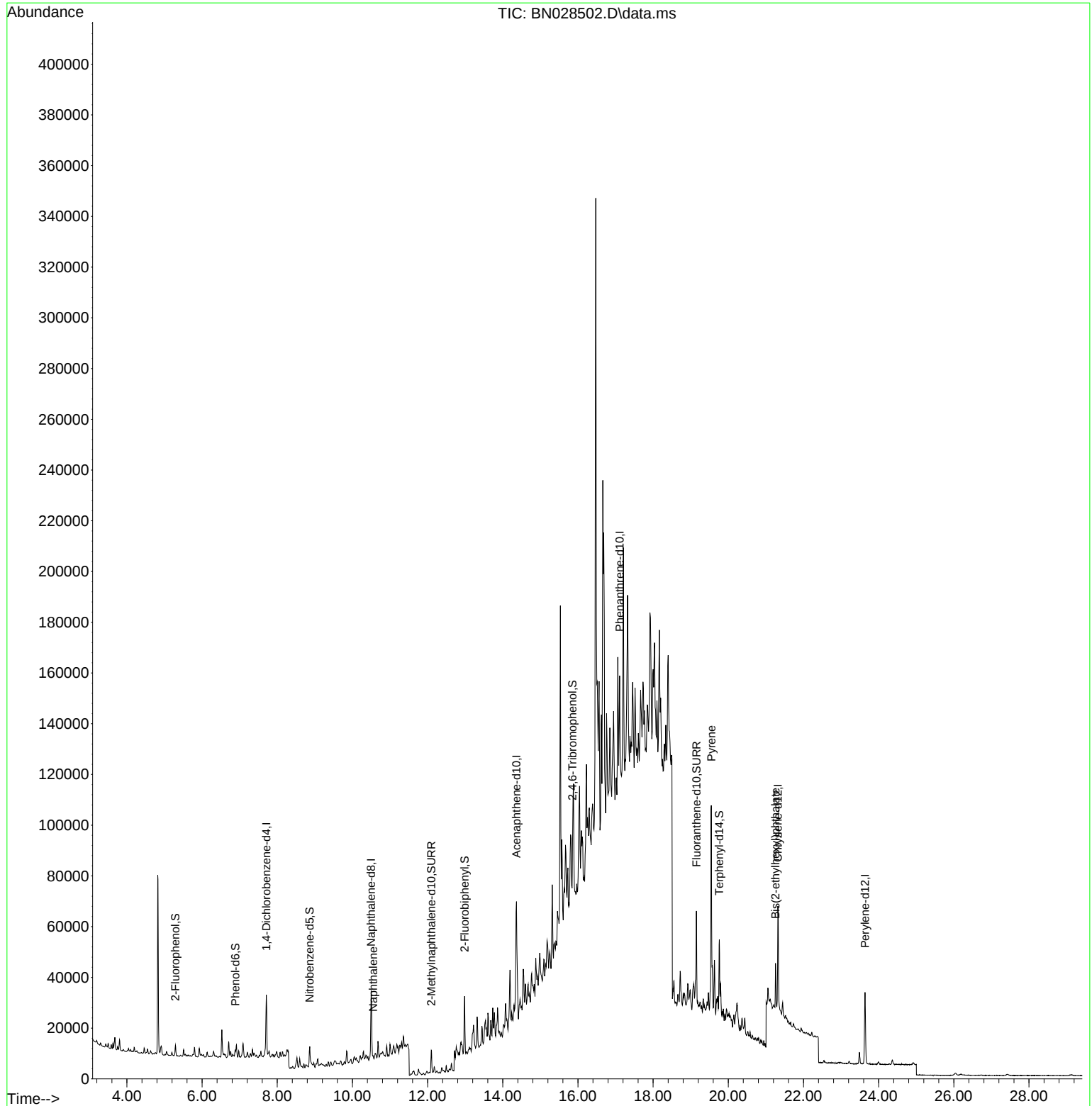
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110823\
Data File : BN028502.D
Acq On : 08 Nov 2023 16:44
Operator : MA/JU
Sample : 05096-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

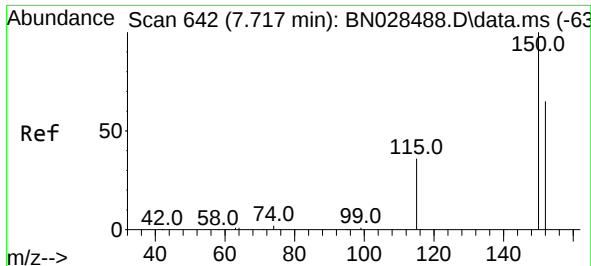
Instrument :
BNA_N
ClientSampleId :
MW-2

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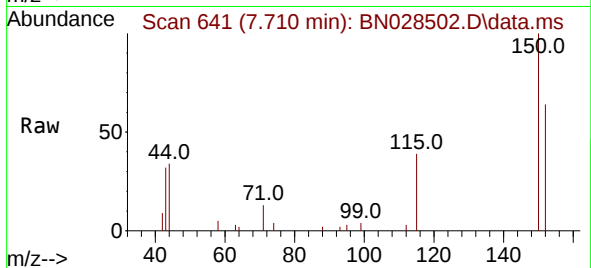
Quant Time: Nov 08 17:50:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 08 00:27:19 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 642
Delta R.T. -0.007 min
Lab File: BN028502.D
Acq: 08 Nov 2023 16:44

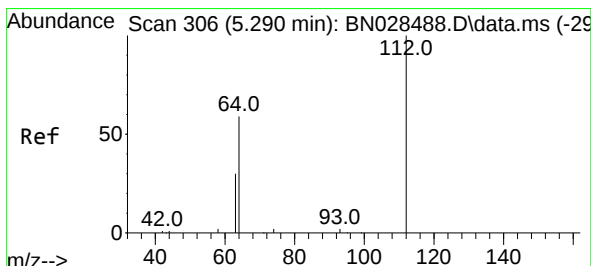
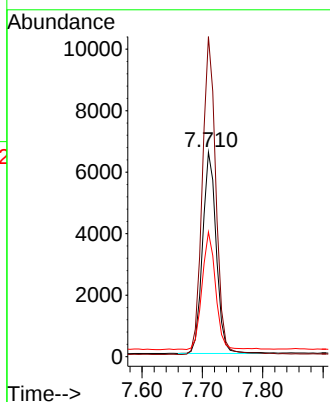
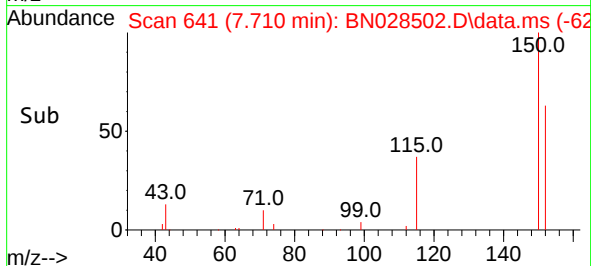
Instrument :
BNA_N
ClientSampleId :
MW-2



Tgt Ion:152 Resp: 10334
Ion Ratio Lower Upper
152 100
150 156.5 122.5 183.7
115 61.0 47.5 71.3

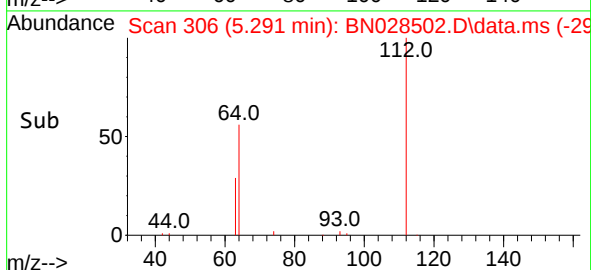
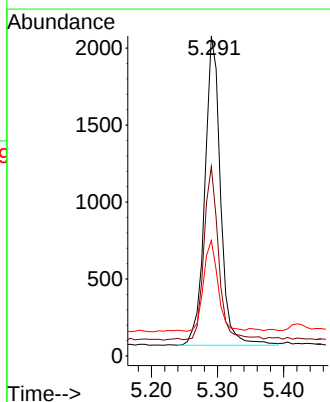
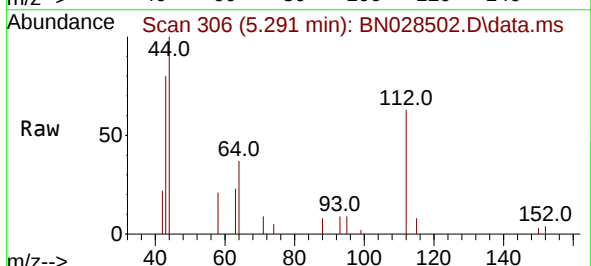
Manual Integrations
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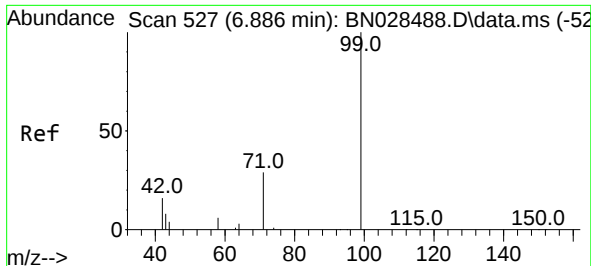
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/09/2023



#4
2-Fluorophenol
Concen: 0.107 ng
RT: 5.291 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN028502.D
Acq: 08 Nov 2023 16:44

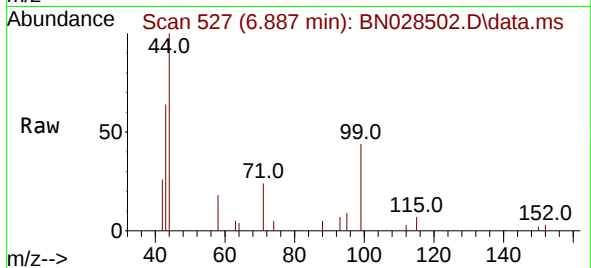
Tgt Ion:112 Resp: 3317
Ion Ratio Lower Upper
112 100
64 51.4 44.6 67.0
63 26.7 23.3 34.9





#5
Phenol-d6
Concen: 0.064 ng
RT: 6.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN028502.D
Acq: 08 Nov 2023 16:44

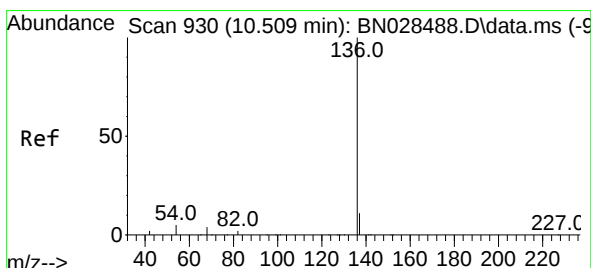
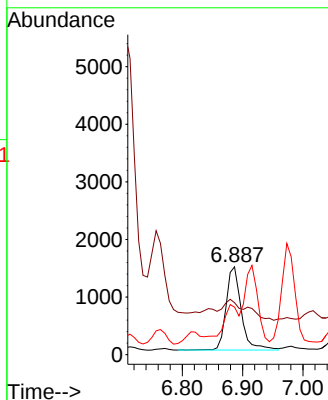
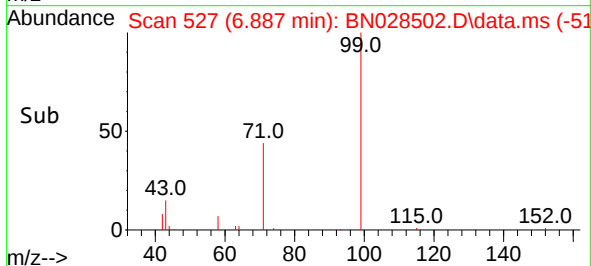
Instrument :
BNA_N
ClientSampleId :
MW-2



Tgt Ion: 99 Resp: 2529
Ion Ratio Lower Upper
99 100
42 10.8 15.8 23.8#
71 44.7 25.1 37.7#

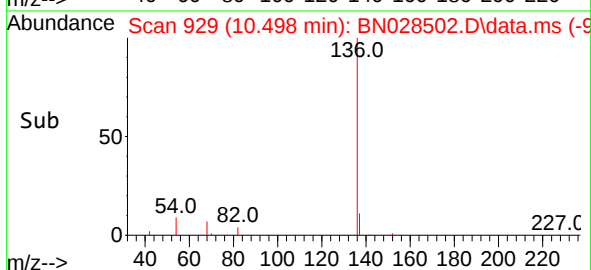
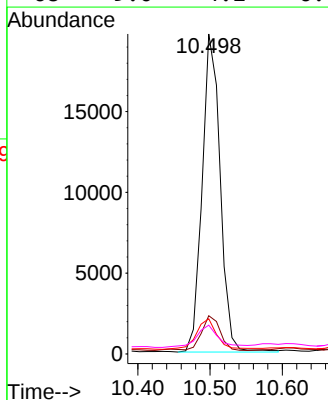
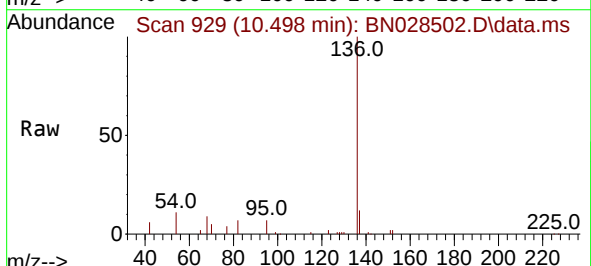
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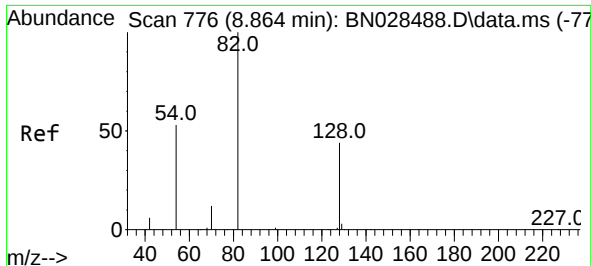
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/09/2023



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN028502.D
Acq: 08 Nov 2023 16:44

Tgt Ion:136 Resp: 34239
Ion Ratio Lower Upper
136 100
137 11.9 9.0 13.4
54 11.0 5.1 7.7#
68 9.0 4.2 6.4#





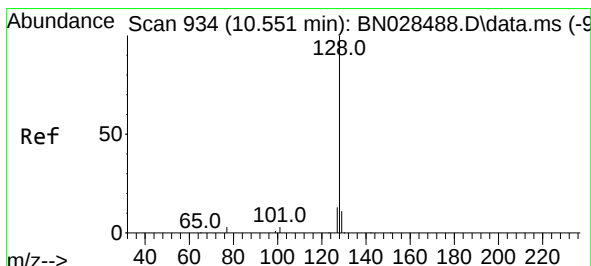
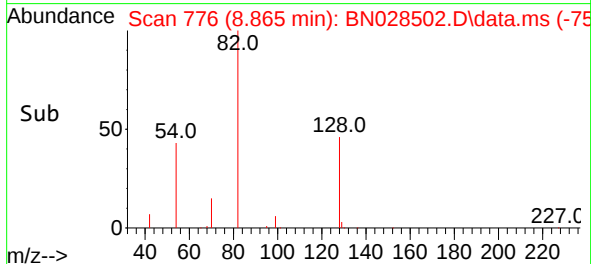
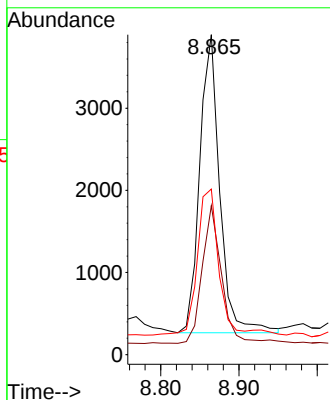
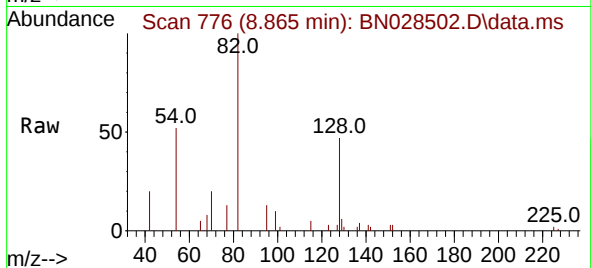
#8
Nitrobenzene-d5
Concen: 0.211 ng
RT: 8.865 min Scan# 776
Delta R.T. 0.000 min
Lab File: BN028502.D
Acq: 08 Nov 2023 16:44

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion: 82 Resp: 6459
Ion Ratio Lower Upper
82 100
128 46.6 36.5 54.7
54 51.7 43.8 65.8

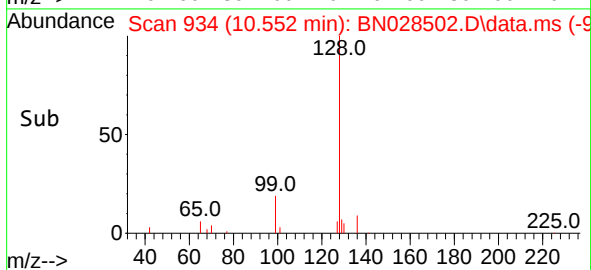
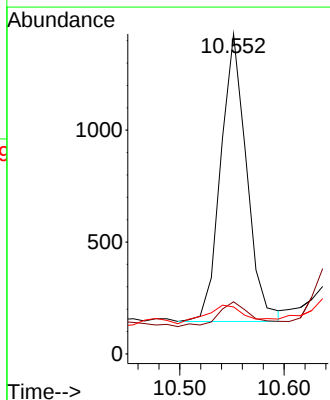
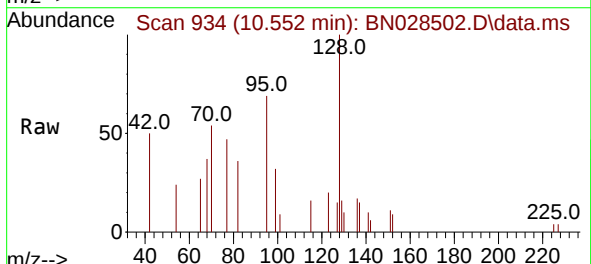
Manual Integrations
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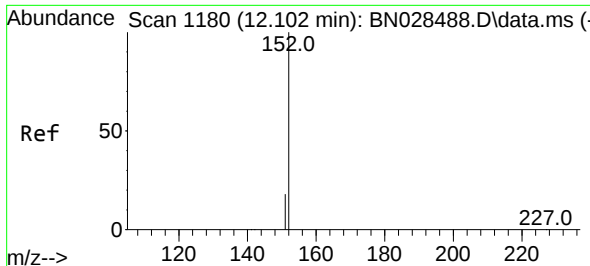
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/09/2023



#9
Naphthalene
Concen: 0.021 ng
RT: 10.552 min Scan# 934
Delta R.T. 0.000 min
Lab File: BN028502.D
Acq: 08 Nov 2023 16:44

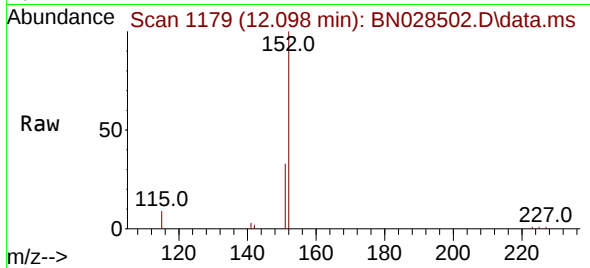
Tgt Ion:128 Resp: 2214
Ion Ratio Lower Upper
128 100
129 16.3 9.1 13.7#
127 14.7 10.6 15.8





#11
2-Methylnaphthalene-d10
Concen: 0.190 ng
RT: 12.098 min Scan# 1180
Delta R.T. -0.004 min
Lab File: BN028502.D
Acq: 08 Nov 2023 16:44

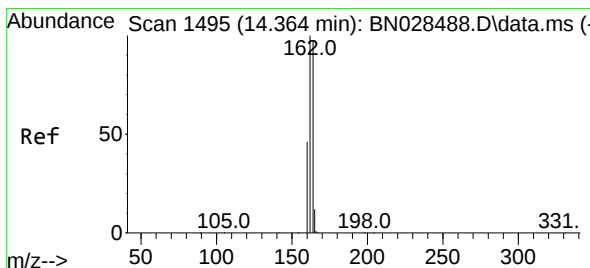
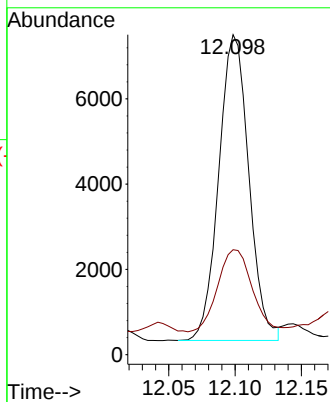
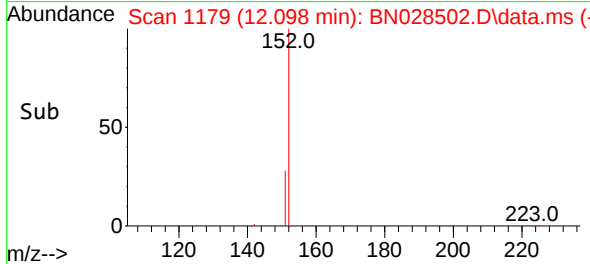
Instrument :
BNA_N
ClientSampleId :
MW-2



Tgt Ion:152 Resp: 1130
Ion Ratio Lower Upper
152 100
151 30.8 16.1 24.1

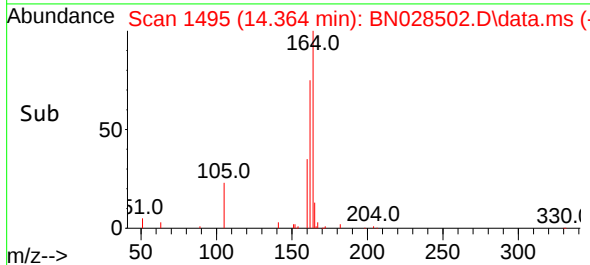
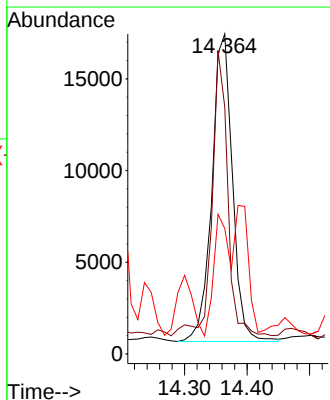
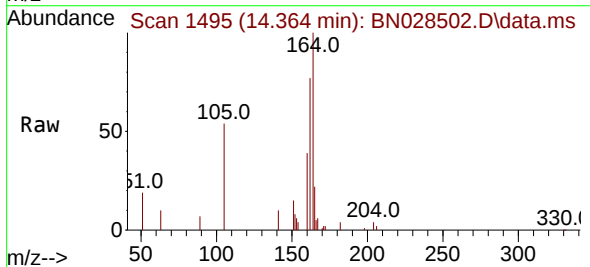
Manual Integrations
APPROVED

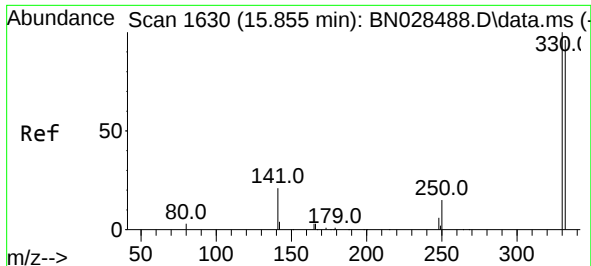
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/09/2023



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.364 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BN028502.D
Acq: 08 Nov 2023 16:44

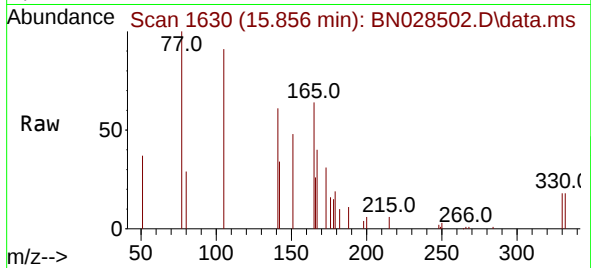
Tgt Ion:164 Resp: 38322
Ion Ratio Lower Upper
164 100
162 77.2 82.5 123.7#
160 39.2 38.1 57.1





#14
2,4,6-Tribromophenol
Concen: 0.170 ng
RT: 15.856 min Scan# 1630
Delta R.T. 0.000 min
Lab File: BN028502.D
Acq: 08 Nov 2023 16:44

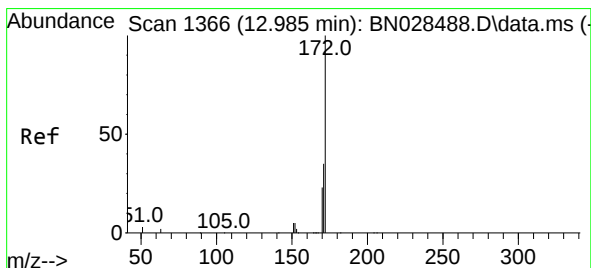
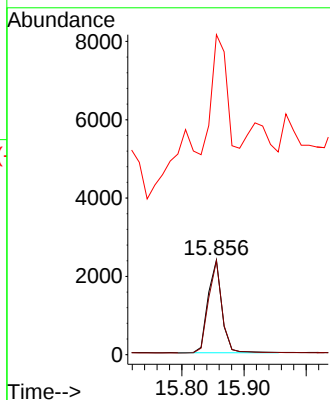
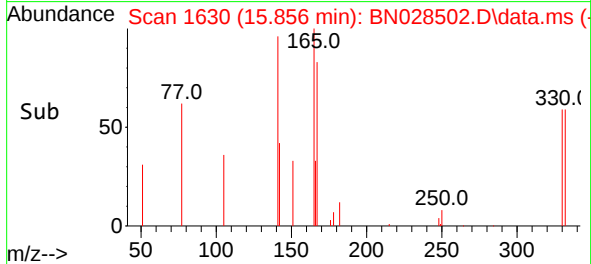
Instrument :
BNA_N
ClientSampleId :
MW-2



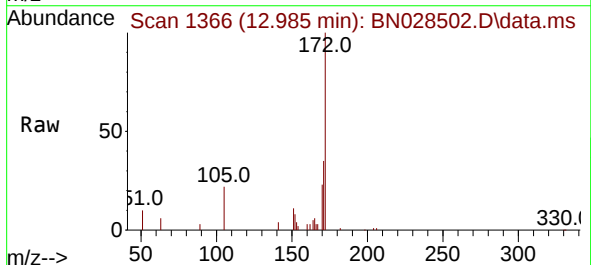
Tgt Ion: 330 Resp: 366
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 144.5 32.6 49.0

Manual Integrations
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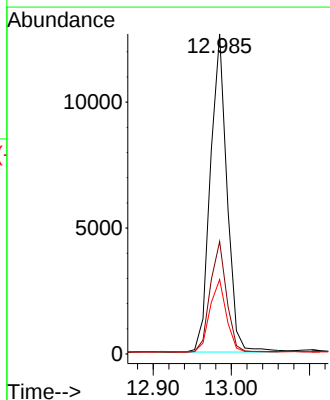
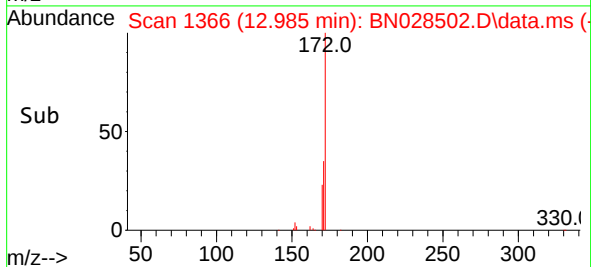
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/09/2023

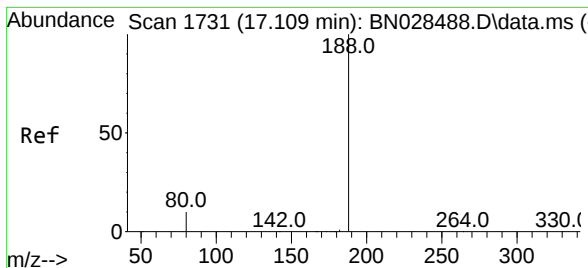


#15
2-Fluorobiphenyl
Concen: 0.111 ng
RT: 12.985 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BN028502.D
Acq: 08 Nov 2023 16:44



Tgt Ion: 172 Resp: 18669
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.3 18.9 28.3





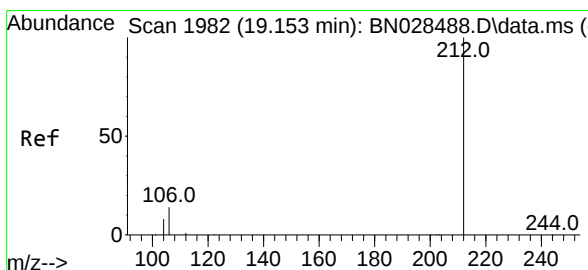
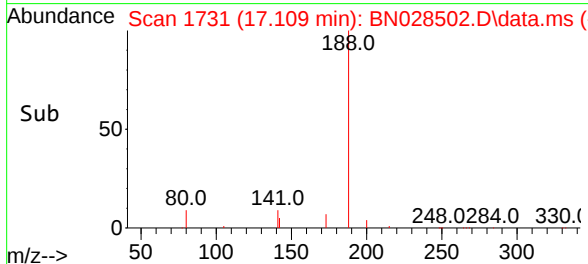
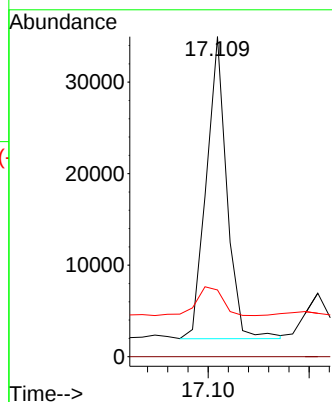
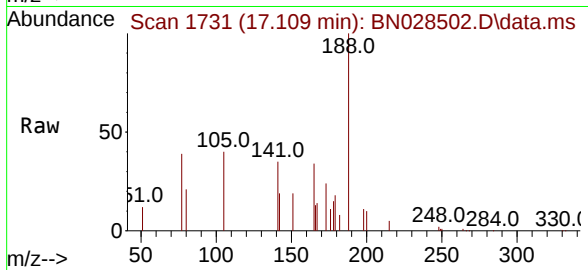
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Phenanthrene-d10
Concen: 0.400 ng
RT: 17.109 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN028502.D
Acq: 08 Nov 2023 16:44

Instrument :
BNA_N
ClientSampleId :
MW-2

Tgt Ion:188 Resp: 46400
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 20.9 8.3 12.5

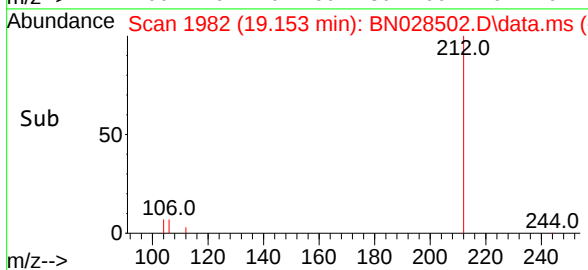
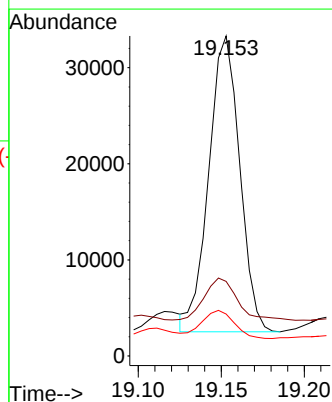
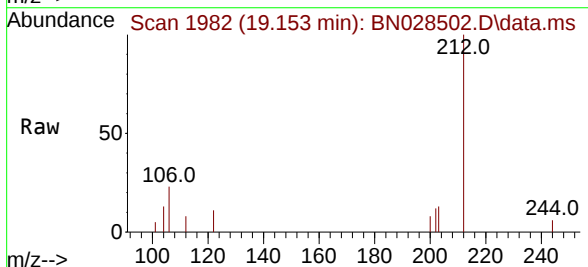
Manual Integrations
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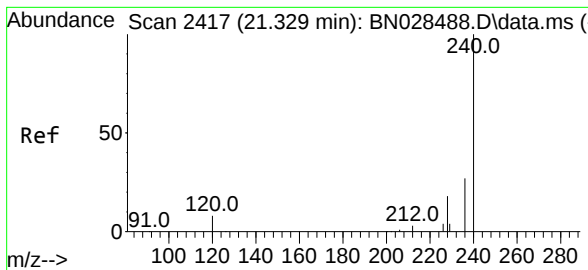
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/09/2023



#27
Fluoranthene-d10
Concen: 0.281 ng
RT: 19.153 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BN028502.D
Acq: 08 Nov 2023 16:44

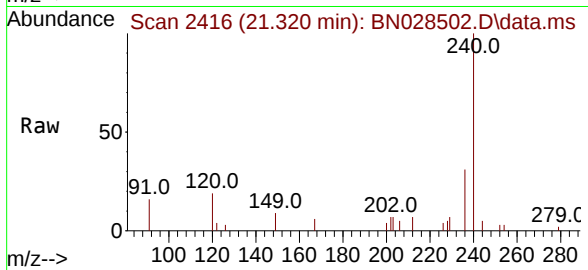
Tgt Ion:212 Resp: 39894
Ion Ratio Lower Upper
212 100
106 15.7 11.5 17.3
104 10.1 6.4 9.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.320 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN028502.D
Acq: 08 Nov 2023 16:44

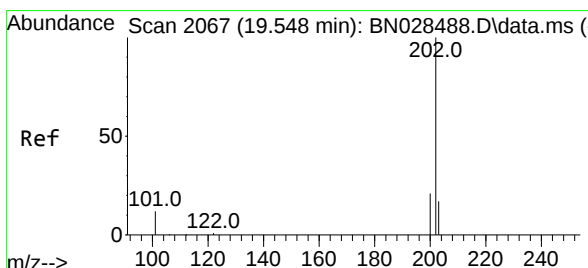
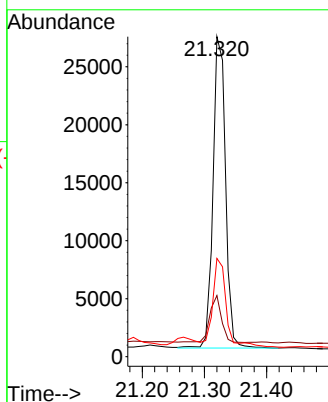
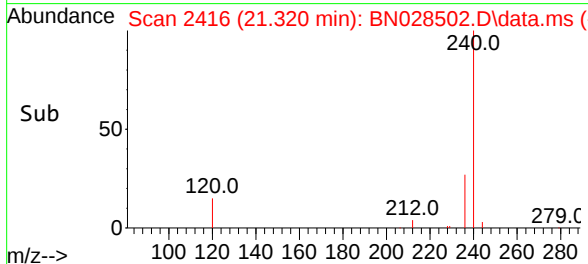
Instrument :
BNA_N
ClientSampleId :
MW-2



Tgt Ion:240 Resp: 37490
Ion Ratio Lower Upper
240 100
120 19.1 7.6 11.4
236 30.7 21.9 32.9

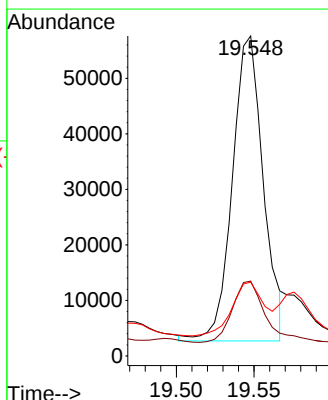
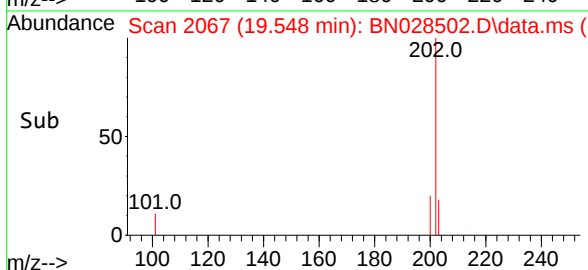
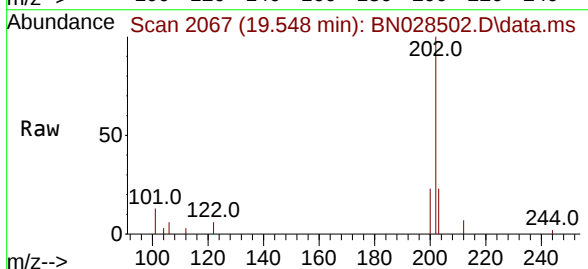
Manual Integrations
APPROVED

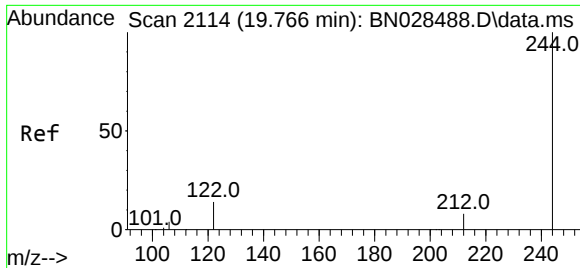
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/09/2023



#30
Pyrene
Concen: 0.425 ng m
RT: 19.548 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BN028502.D
Acq: 08 Nov 2023 16:44

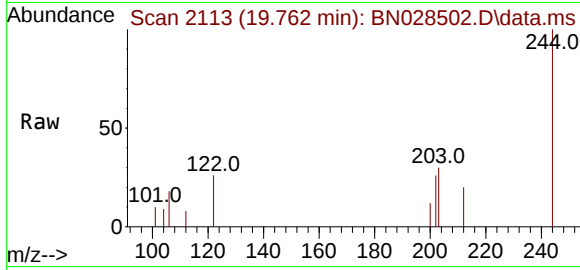
Tgt Ion:202 Resp: 75967
Ion Ratio Lower Upper
202 100
200 21.6 16.5 24.7
203 18.4 14.3 21.5





#31
 Terphenyl-d14
 Concen: 0.241 ng
 RT: 19.762 min Scan# 2113
 Delta R.T. -0.004 min
 Lab File: BN028502.D
 Acq: 08 Nov 2023 16:44

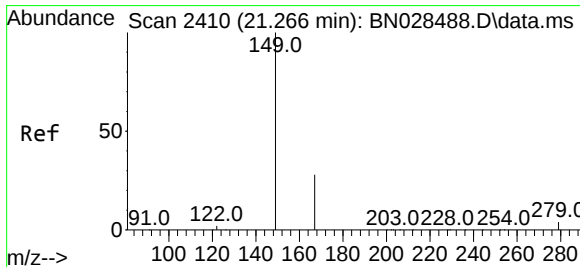
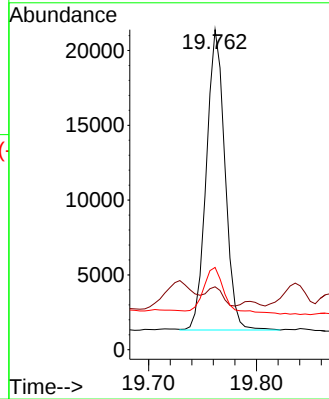
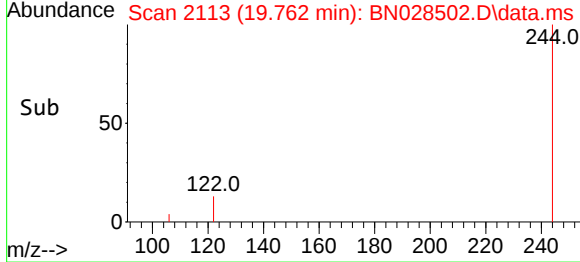
Instrument :
 BNA_N
 ClientSampleId :
 MW-2



Tgt Ion:244 Resp: 24000
 Ion Ratio Lower Upper
 244 100
 212 19.7 6.6 9.8
 122 25.7 11.4 17.2

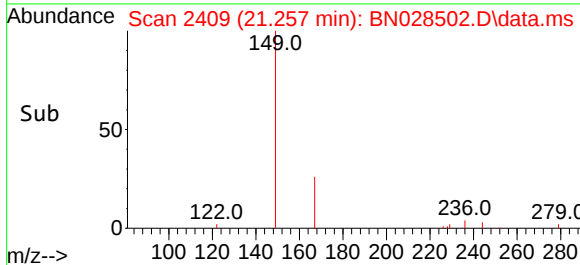
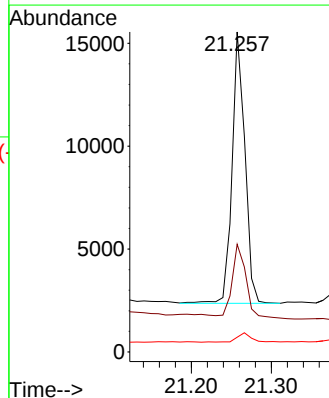
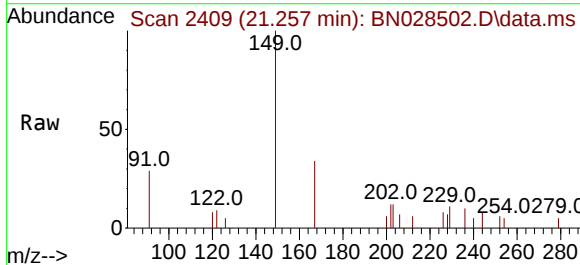
Manual Integrations
 APPROVED

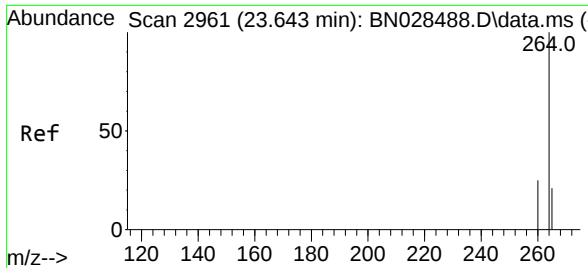
Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :mohammad ahmed 11/09/2023



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.151 ng
 RT: 21.257 min Scan# 2409
 Delta R.T. -0.009 min
 Lab File: BN028502.D
 Acq: 08 Nov 2023 16:44

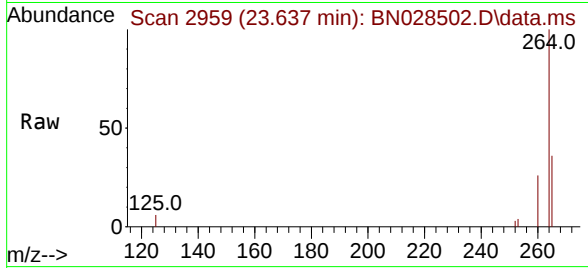
Tgt Ion:149 Resp: 14603
 Ion Ratio Lower Upper
 149 100
 167 30.1 21.0 31.4
 279 3.9 2.6 3.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.637 min Scan# 2961
 Delta R.T. -0.006 min
 Lab File: BN028502.D
 Acq: 08 Nov 2023 16:44

Instrument :
 BNA_N
 ClientSampleId :
 MW-2



Tgt Ion:264 Resp: 36808
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.7 31.1
 265 35.8 31.6 47.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :mohammad ahmed 11/09/2023

