

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070824\
 Data File : BN032553.D
 Acq On : 08 Jul 2024 16:08
 Operator : MA/JU
 Sample : P3156-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-070224

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/09/2024

Quant Time: Jul 08 17:11:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 08 15:11:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	3375m	0.400	ng	0.01
7) Naphthalene-d8	10.378	136	10451m	0.400	ng	0.02
13) Acenaphthene-d10	14.242	164	6584	0.400	ng	0.02
19) Phenanthrene-d10	17.016	188	13876	0.400	ng	# 0.02
29) Chrysene-d12	21.220	240	12148	0.400	ng	# 0.02
35) Perylene-d12	23.443	264	7391	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	1541	0.161	ng	0.02
5) Phenol-d6	6.866	99	1132m	0.090	ng	0.08
8) Nitrobenzene-d5	8.819	82	2992m	0.345	ng	0.07
11) 2-Methylnaphthalene-d10	11.979	152	5822m	0.350	ng	0.02
14) 2,4,6-Tribromophenol	15.775	330	1005	0.318	ng	0.02
15) 2-Fluorobiphenyl	12.863	172	8717m	0.349	ng	0.02
27) Fluoranthene-d10	19.044	212	15776	0.418	ng	0.01
31) Terphenyl-d14	19.639	244	12446	0.419	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	502	0.121	ng	# 17
34) Bis(2-ethylhexyl)phtha...	21.103	149	2912	0.093	ng	# 96

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

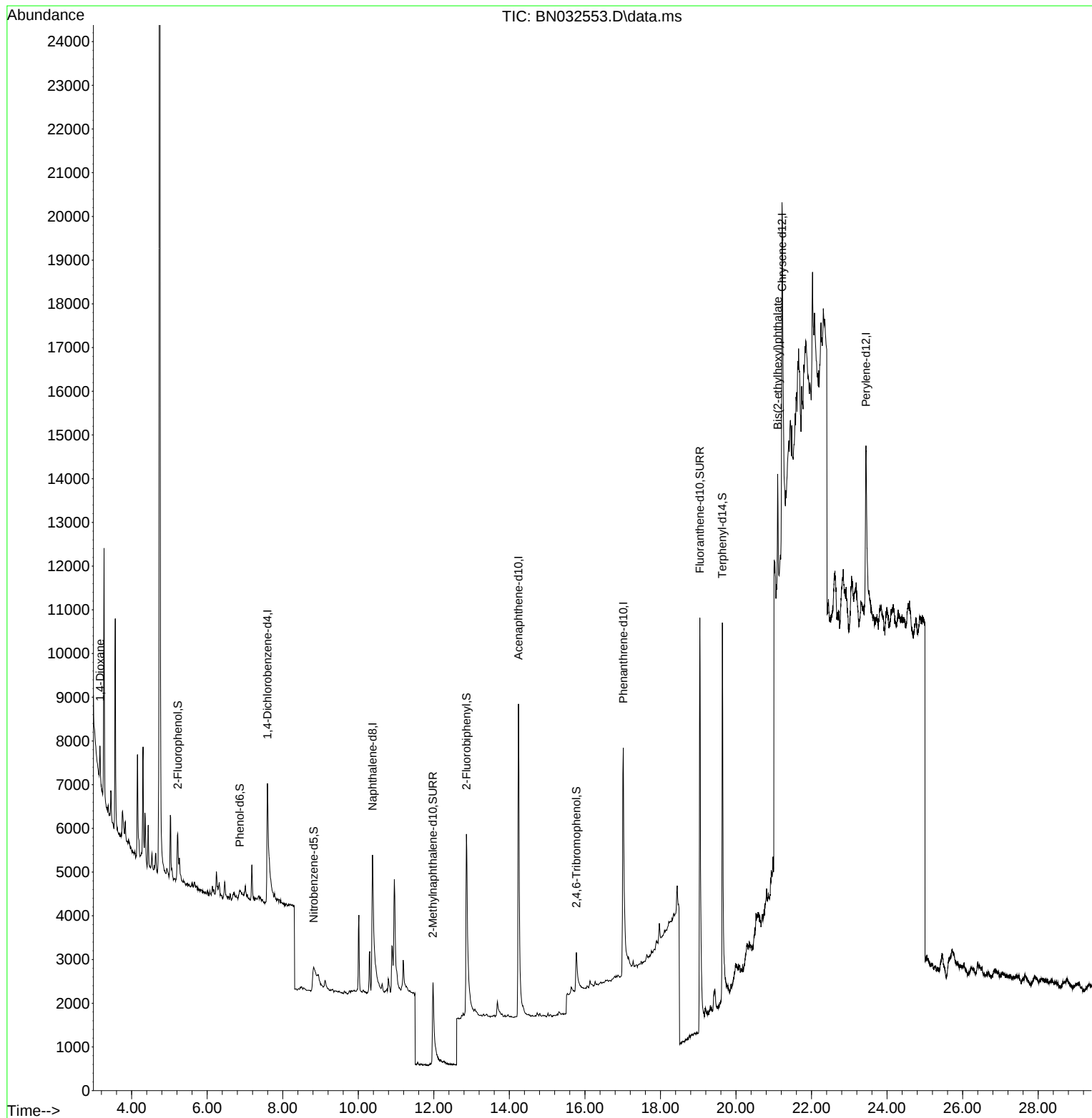
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070824\
Data File : BN032553.D
Acq On : 08 Jul 2024 16:08
Operator : MA/JU
Sample : P3156-03
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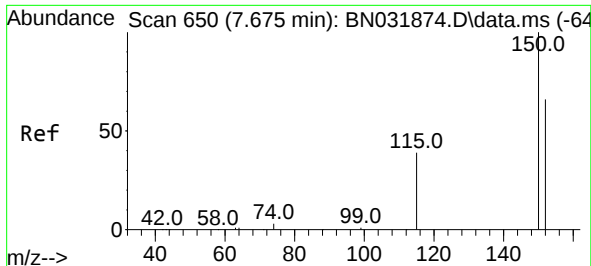
Instrument :
BNA_N
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EB-01-070224

Quant Time: Jul 08 17:11:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 08 15:11:21 2024
Response via : Initial Calibration

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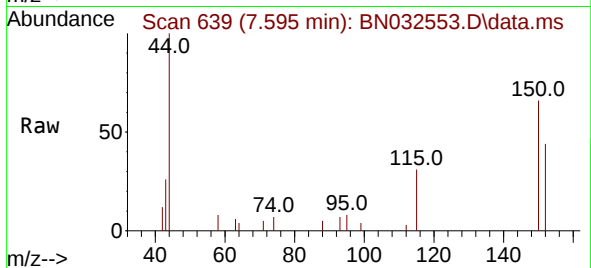
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng m
 RT: 7.595 min Scan# 61
 Delta R.T. 0.014 min
 Lab File: BN032553.D
 Acq: 08 Jul 2024 16:08

Instrument :

BNA_N

ClientSampleId :

EB-01-070224



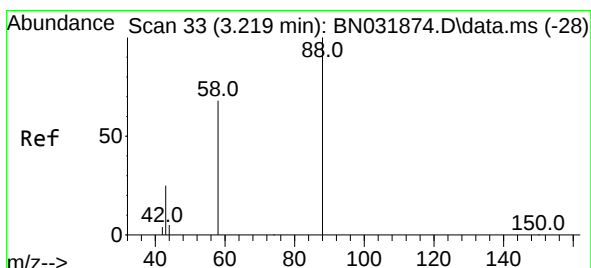
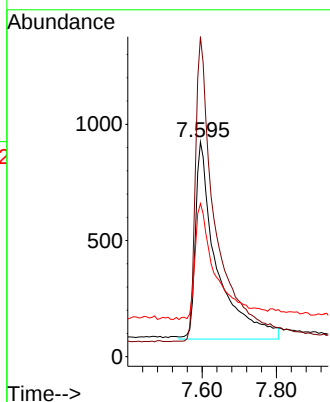
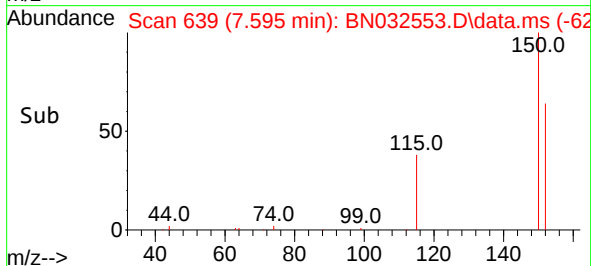
Tgt Ion: 152 Resp: 3375
 Ion Ratio Lower Upper
 152 100
 150 149.0 121.0 181.4
 115 71.3 49.4 74.0

Manual Integrations

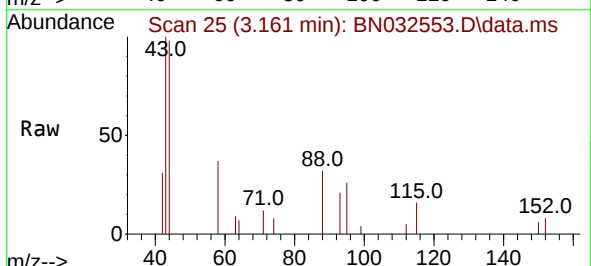
APPROVED

Reviewed By :Yogesh Patel 07/09/2024

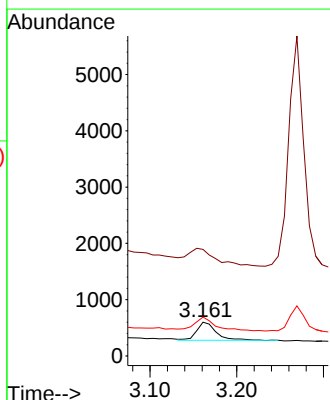
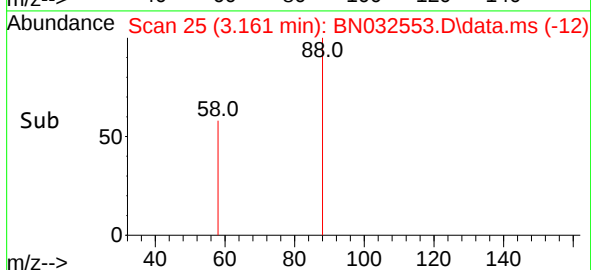
Supervised By :mohammad ahmed 07/09/2024



#2
 1,4-Dioxane
 Concen: 0.121 ng
 RT: 3.161 min Scan# 25
 Delta R.T. -0.007 min
 Lab File: BN032553.D
 Acq: 08 Jul 2024 16:08



Tgt Ion: 88 Resp: 502
 Ion Ratio Lower Upper
 88 100
 43 141.8 22.7 34.1#
 58 83.9 51.3 76.9#





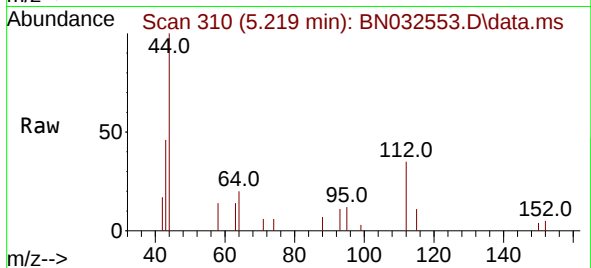
#4
2-Fluorophenol
Concen: 0.161 ng
RT: 5.219 min Scan# 317
Delta R.T. 0.022 min
Lab File: BN032553.D
Acq: 08 Jul 2024 16:08

Instrument :

BNA_N

ClientSampleId :

EB-01-070224



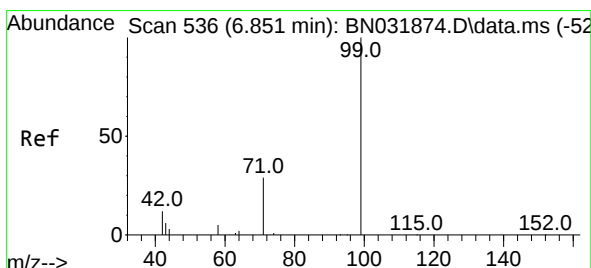
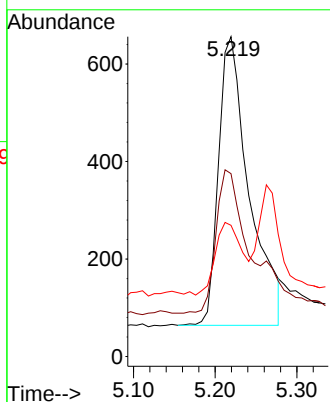
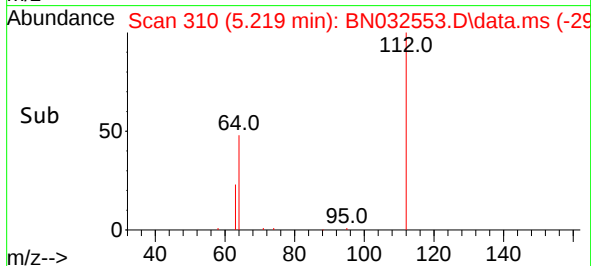
Tgt Ion:112 Resp: 154
Ion Ratio Lower Upper
112 100
64 54.2 42.4 63.6
63 21.9 22.1 33.1

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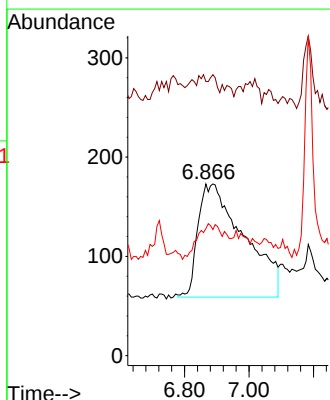
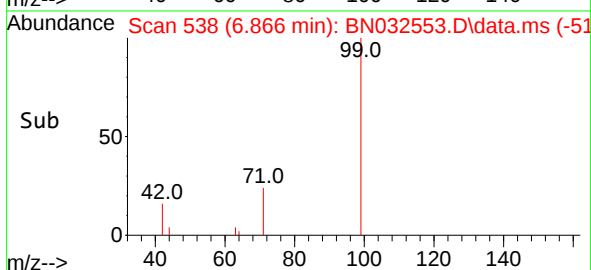
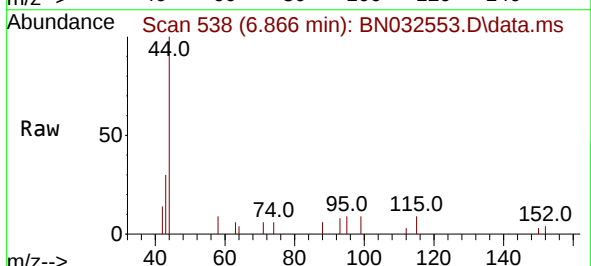
Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/09/2024



#5
Phenol-d6
Concen: 0.090 ng m
RT: 6.866 min Scan# 538
Delta R.T. 0.079 min
Lab File: BN032553.D
Acq: 08 Jul 2024 16:08

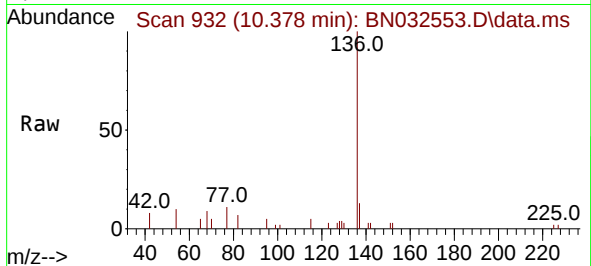
Tgt Ion: 99 Resp: 1132
Ion Ratio Lower Upper
99 100
42 0.4 12.8 19.2#
71 0.0 25.4 38.2#





#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.378 min Scan# 91
Delta R.T. 0.021 min
Lab File: BN032553.D
Acq: 08 Jul 2024 16:08

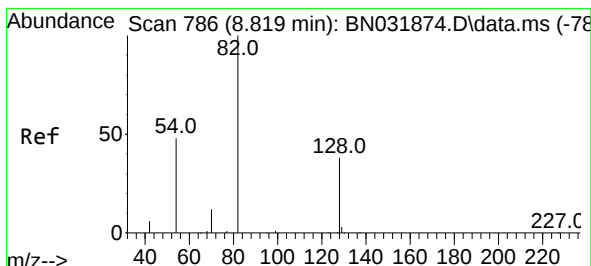
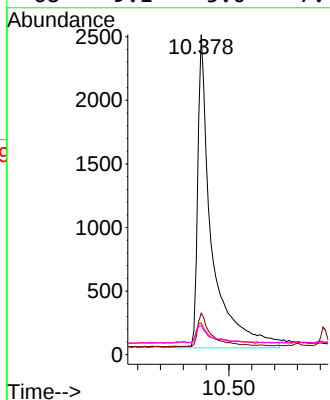
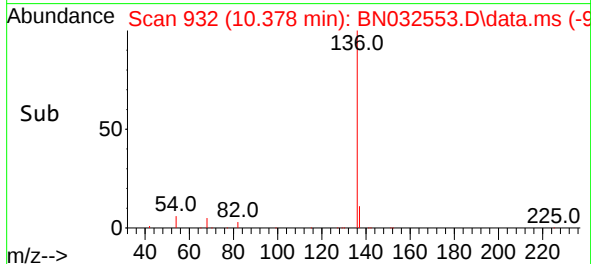
Instrument :
BNA_N
ClientSampleId :
EB-01-070224



Tgt Ion:136 Resp: 1045
Ion Ratio Lower Upper
136 100
137 13.0 8.9 13.3
54 9.9 5.6 8.4
68 9.1 5.0 7.4#

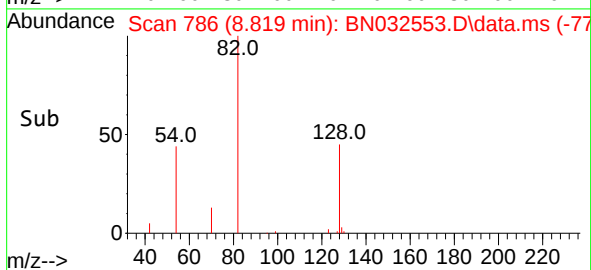
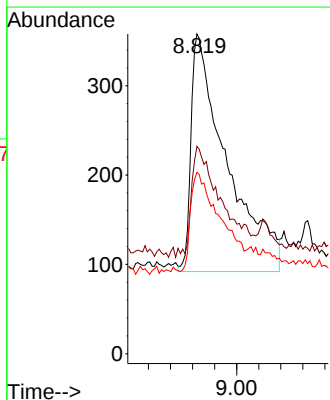
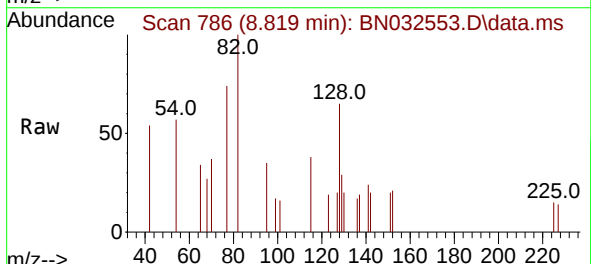
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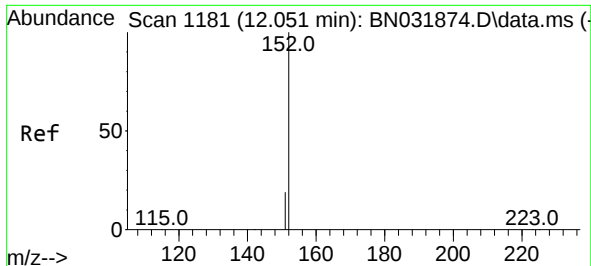
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#8
Nitrobenzene-d5
Concen: 0.345 ng m
RT: 8.819 min Scan# 786
Delta R.T. 0.075 min
Lab File: BN032553.D
Acq: 08 Jul 2024 16:08

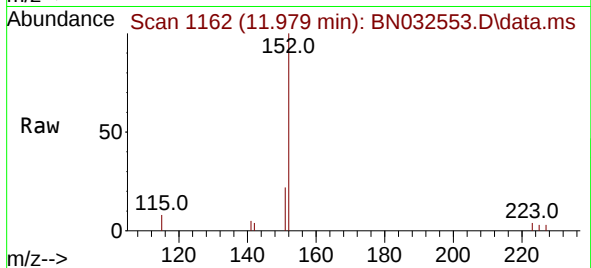
Tgt Ion: 82 Resp: 2992
Ion Ratio Lower Upper
82 100
128 64.8 32.1 48.1#
54 56.7 39.7 59.5





#11
2-Methylnaphthalene-d10
Concen: 0.350 ng m
RT: 11.979 min Scan# 1181
Delta R.T. 0.023 min
Lab File: BN032553.D
Acq: 08 Jul 2024 16:08

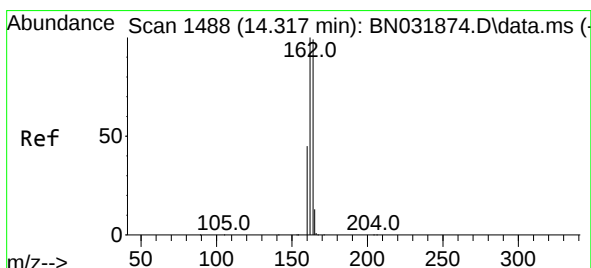
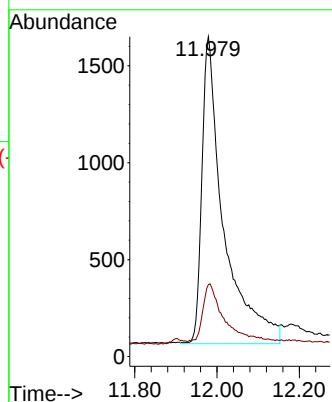
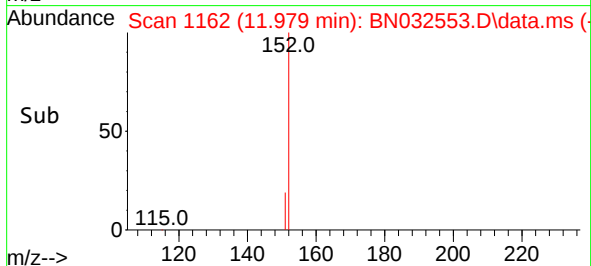
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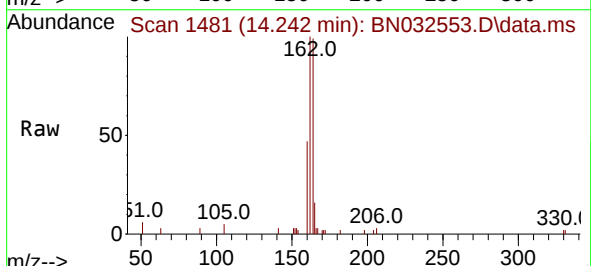
Tgt Ion:152 Resp: 582
Ion Ratio Lower Upper
152 100
151 16.2 16.3 24.5

Manual Integrations
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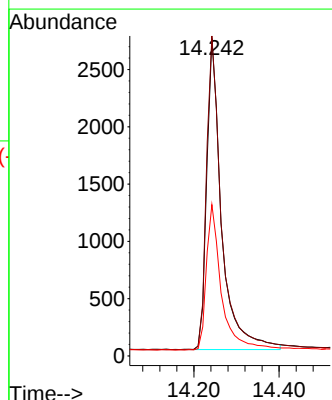
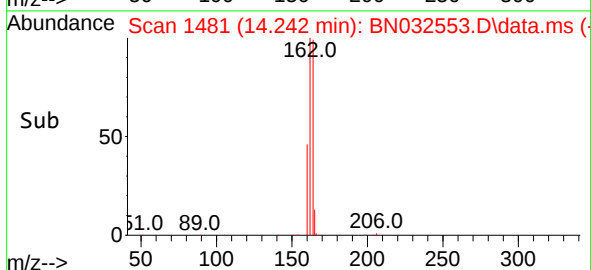
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.242 min Scan# 1481
Delta R.T. 0.021 min
Lab File: BN032553.D
Acq: 08 Jul 2024 16:08



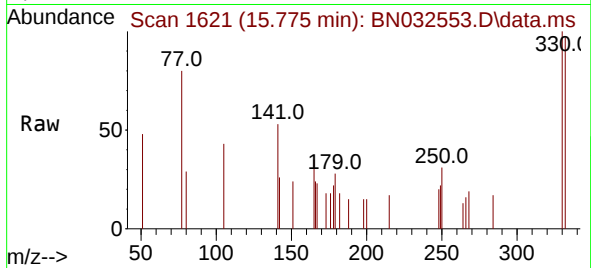
Tgt Ion:164 Resp: 6584
Ion Ratio Lower Upper
164 100
162 100.8 80.7 121.1
160 47.7 36.2 54.4





#14
2,4,6-Tribromophenol
Concen: 0.318 ng
RT: 15.775 min Scan# 10
Delta R.T. 0.025 min
Lab File: BN032553.D
Acq: 08 Jul 2024 16:08

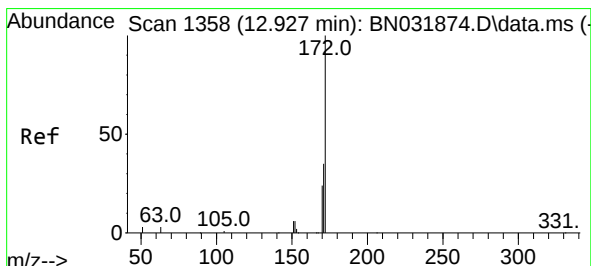
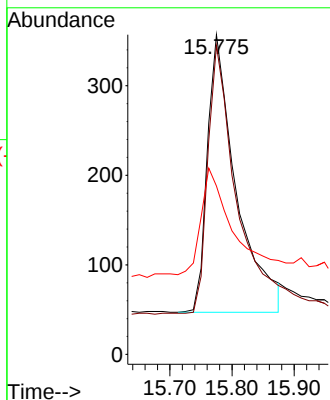
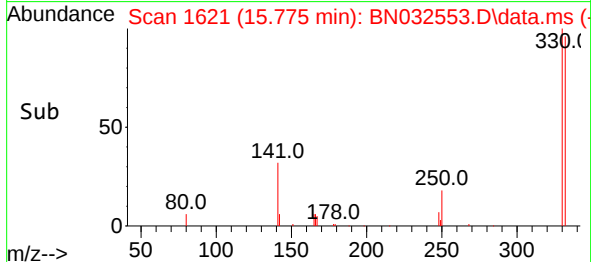
Instrument :
BNA_N
ClientSampleId :
EB-01-070224



Tgt Ion:330 Resp: 100
Ion Ratio Lower Upper
330 100
332 95.1 77.5 116.3
141 41.9 34.7 52.1

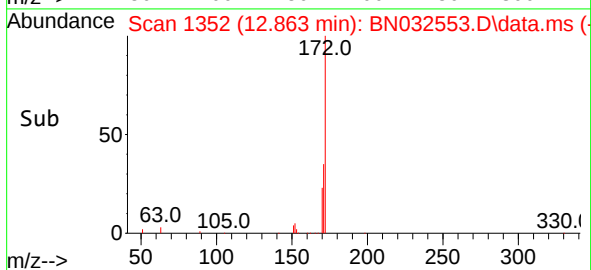
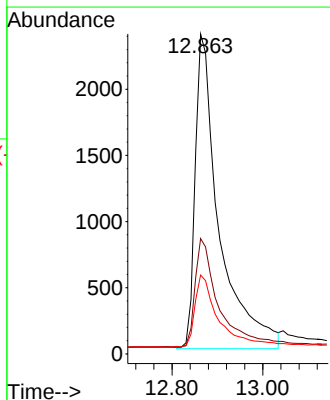
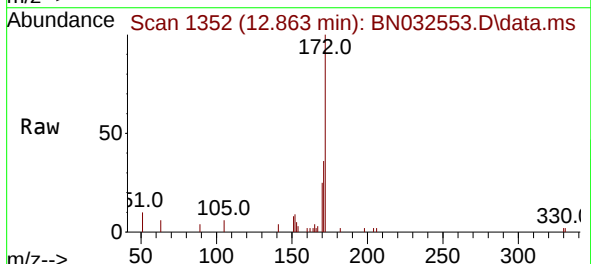
Manual Integrations
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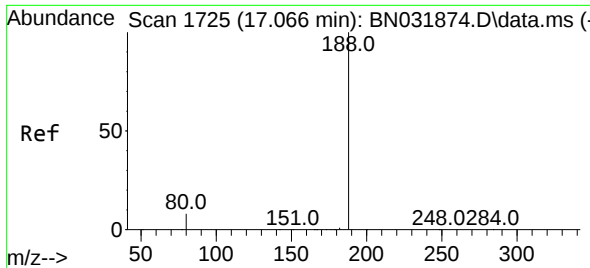
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#15
2-Fluorobiphenyl
Concen: 0.349 ng m
RT: 12.863 min Scan# 1352
Delta R.T. 0.021 min
Lab File: BN032553.D
Acq: 08 Jul 2024 16:08

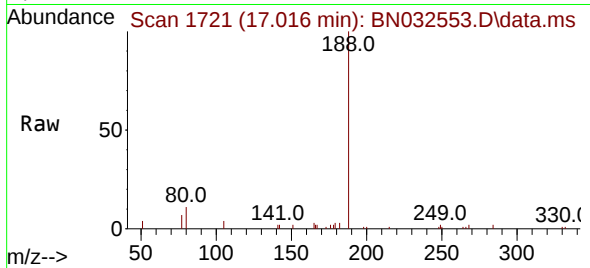
Tgt Ion:172 Resp: 8717
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 24.6 19.2 28.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.016 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN032553.D
Acq: 08 Jul 2024 16:08

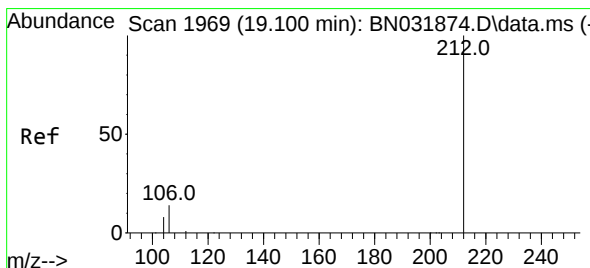
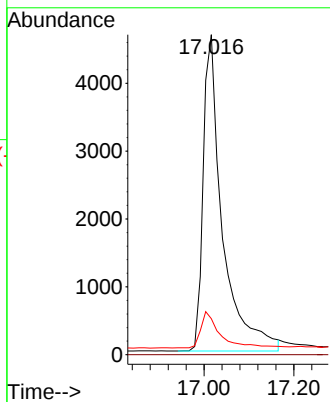
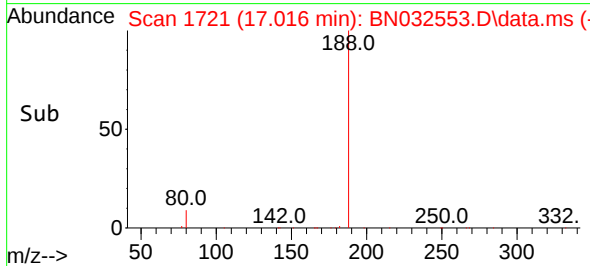
Instrument :
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Tgt Ion:188 Resp: 13870
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 6.4 9.6

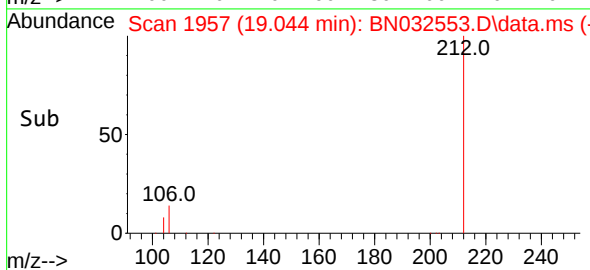
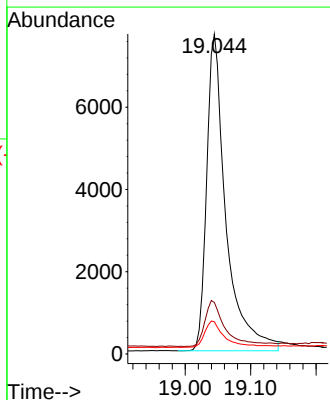
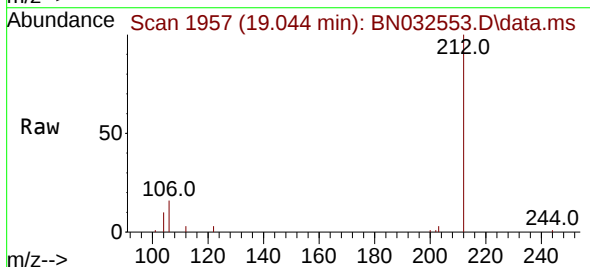
Manual Integrations
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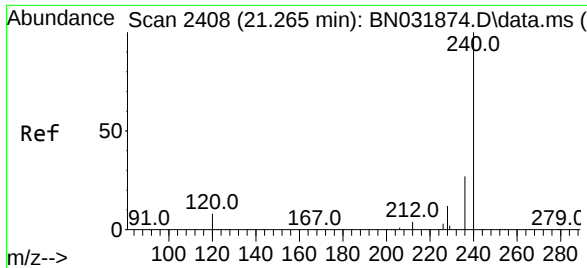
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024



#27
Fluoranthene-d10
Concen: 0.418 ng
RT: 19.044 min Scan# 1957
Delta R.T. 0.014 min
Lab File: BN032553.D
Acq: 08 Jul 2024 16:08

Tgt Ion:212 Resp: 15776
Ion Ratio Lower Upper
212 100
106 15.9 11.8 17.8
104 8.8 6.6 10.0





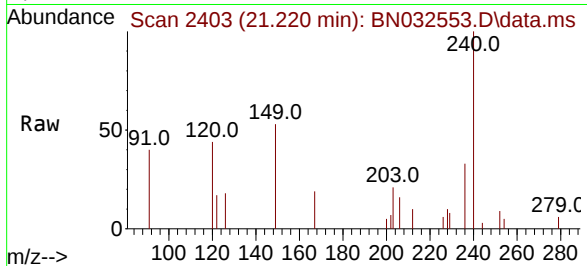
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.220 min Scan# 2408
Delta R.T. 0.018 min
Lab File: BN032553.D
Acq: 08 Jul 2024 16:08

Instrument :

BNA_N

ClientSampleId :

EB-01-070224



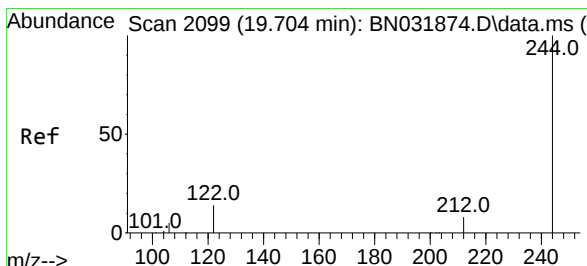
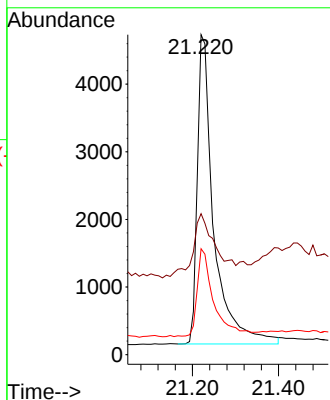
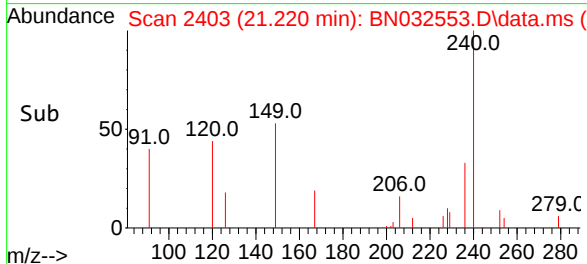
Tgt Ion:240 Resp: 12148
Ion Ratio Lower Upper
240 100
120 44.0 8.2 12.4
236 33.1 21.8 32.8

Manual Integrations

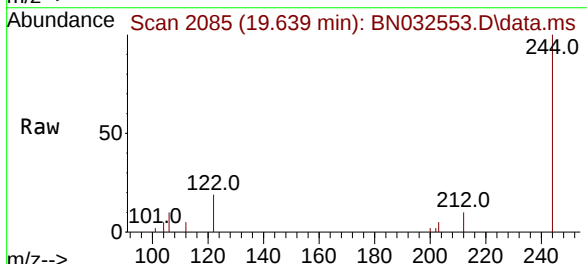
APPROVED

Reviewed By :Yogesh Patel 07/09/2024

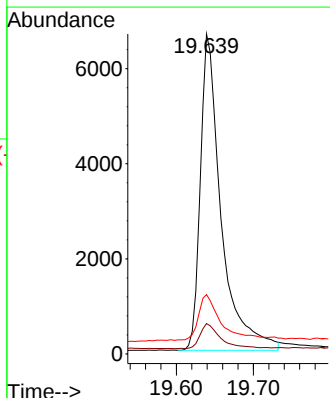
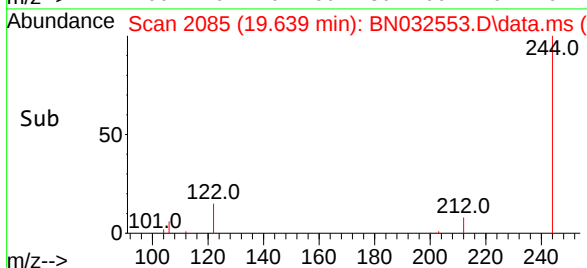
Supervised By :mohammad ahmed 07/09/2024

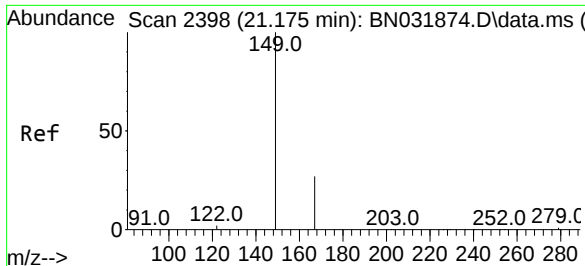


#31
Terphenyl-d14
Concen: 0.419 ng
RT: 19.639 min Scan# 2085
Delta R.T. 0.005 min
Lab File: BN032553.D
Acq: 08 Jul 2024 16:08



Tgt Ion:244 Resp: 12446
Ion Ratio Lower Upper
244 100
212 9.5 6.5 9.7
122 18.5 11.4 17.0





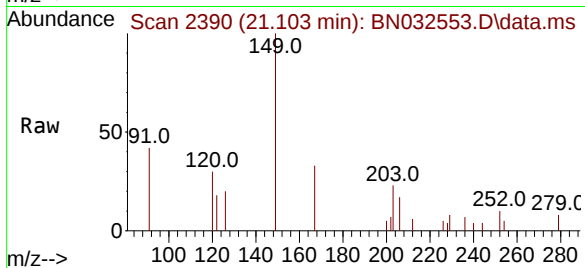
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.093 ng
RT: 21.103 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN032553.D
Acq: 08 Jul 2024 16:08

Instrument :

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ClientSampleId :

EB-01-070224



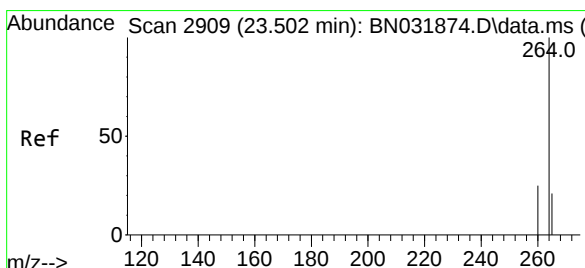
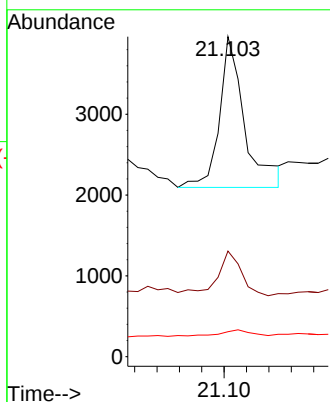
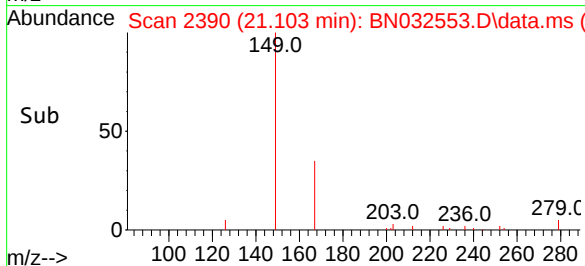
Tgt Ion:149 Resp: 2912
Ion Ratio Lower Upper
149 100
167 25.9 22.5 33.7
279 5.4 2.9 4.3

Manual Integrations

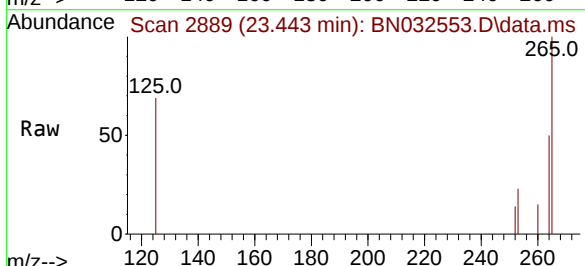
APPROVED

Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/09/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.443 min Scan# 2889
Delta R.T. 0.023 min
Lab File: BN032553.D
Acq: 08 Jul 2024 16:08



Tgt Ion:264 Resp: 7391
Ion Ratio Lower Upper
264 100
260 29.6 20.5 30.7
265 199.0 39.6 59.4

