

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080624\  
 Data File : BN033280.D  
 Acq On : 06 Aug 2024 19:13  
 Operator : MA/JU  
 Sample : P3469-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MLS-15-513-528

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/08/2024  
 Supervised By :mohammad ahmed 08/08/2024

Quant Time: Aug 07 02:04:25 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN080524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 05 23:57:48 2024  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	915m	0.400	ng	0.06
7) Naphthalene-d8	10.265	136	3252	0.400	ng	-0.05
13) Acenaphthene-d10	14.126	164	2153m	0.400	ng	0.00
19) Phenanthrene-d10	16.908	188	5462	0.400	ng	-0.01
29) Chrysene-d12	21.124	240	6159	0.400	ng	0.00
35) Perylene-d12	23.291	264	7078	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	306m	0.135	ng	-0.11
5) Phenol-d6	7.033	99	181	0.058	ng	0.04
8) Nitrobenzene-d5	8.909	82	874m	0.334	ng	-0.01
11) 2-Methylnaphthalene-d10	11.882	152	1632	0.338	ng	-0.05
14) 2,4,6-Tribromophenol	15.691	330	355	0.442	ng	-0.02
15) 2-Fluorobiphenyl	12.757	172	2373	0.322	ng	-0.04
27) Fluoranthene-d10	18.941	212	7067	0.462	ng	0.00
31) Terphenyl-d14	19.526	244	5617	0.528	ng	-0.02

Target Compounds Qvalue

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

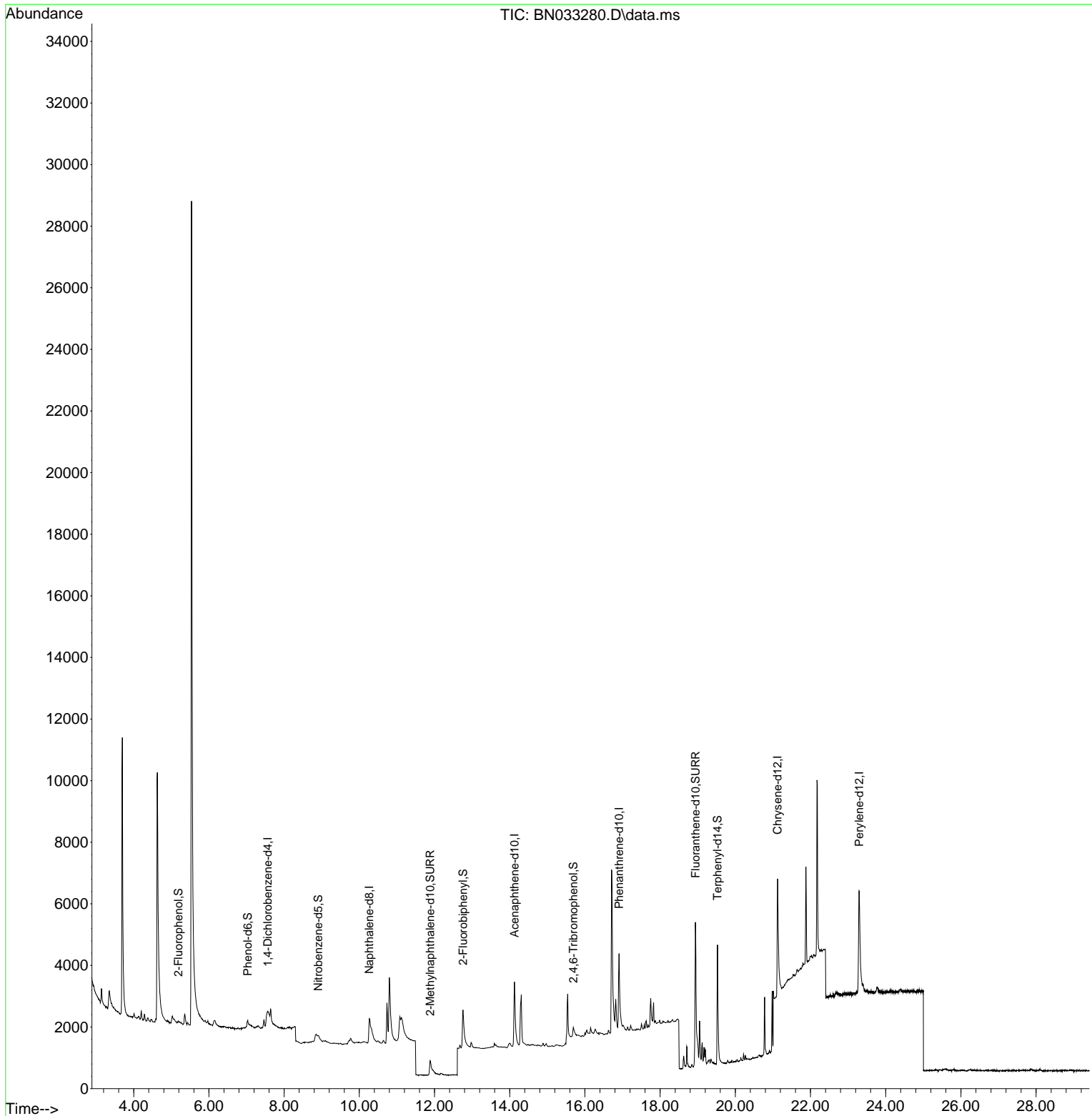
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080624\  
 Data File : BN033280.D  
 Acq On : 06 Aug 2024 19:13  
 Operator : MA/JU  
 Sample : P3469-01  
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 ALS Vial : 12 Sample Multiplier: 1

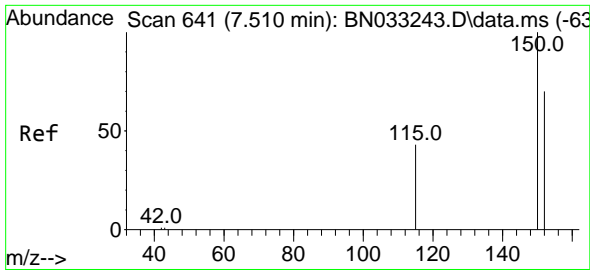
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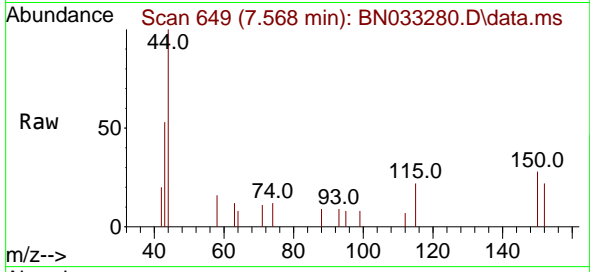
Quant Time: Aug 07 02:04:25 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN080524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 05 23:57:48 2024  
 Response via : Initial Calibration





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng m  
 RT: 7.568 min Scan# 649  
 Delta R.T. 0.058 min  
 Lab File: BN033280.D  
 Acq: 06 Aug 2024 19:13

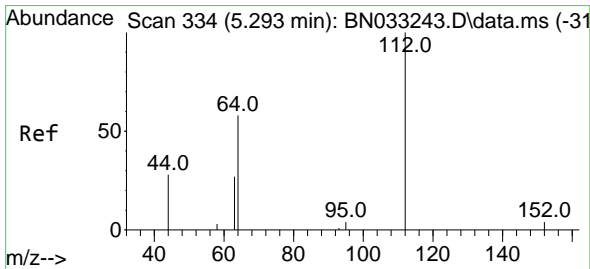
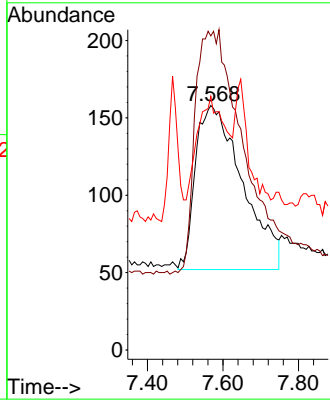
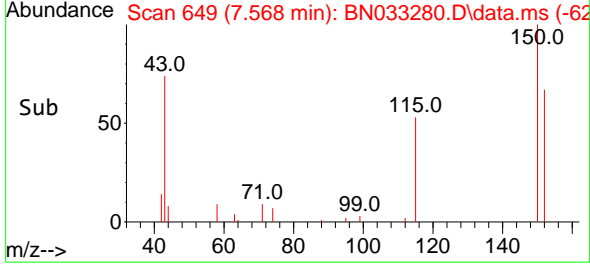
Instrument : BNA\_N  
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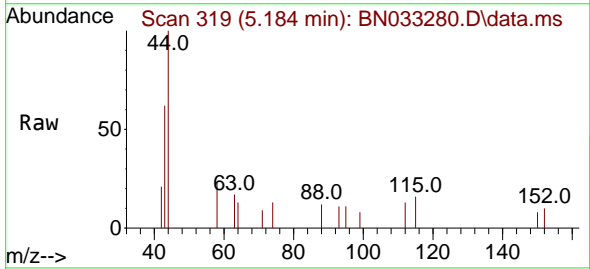
Tgt Ion:152 Resp: 915  
 Ion Ratio Lower Upper  
 152 100  
 150 128.5 108.2 162.2  
 115 103.8 70.5 105.7

Manual Integrations  
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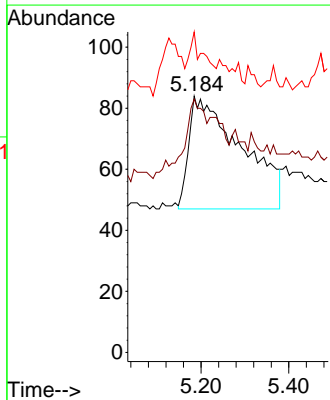
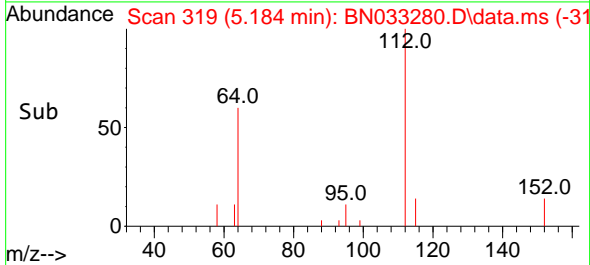
Reviewed By :Yogesh Patel 08/08/2024  
 Supervised By :mohammad ahmed 08/08/2024

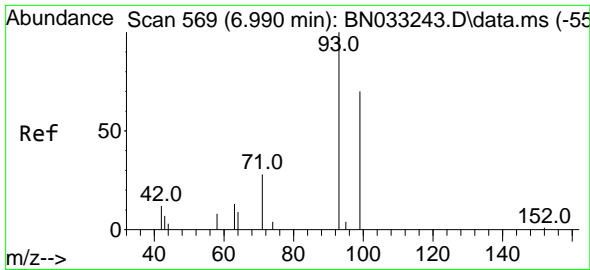


#4  
 2-Fluorophenol  
 Concen: 0.135 ng m  
 RT: 5.184 min Scan# 319  
 Delta R.T. -0.109 min  
 Lab File: BN033280.D  
 Acq: 06 Aug 2024 19:13



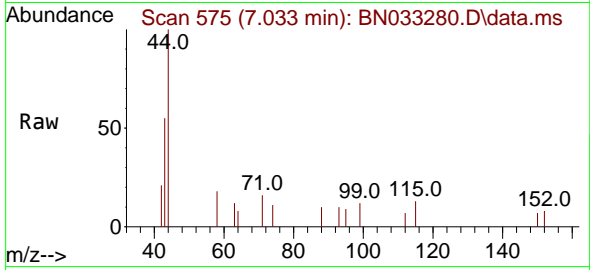
Tgt Ion:112 Resp: 306  
 Ion Ratio Lower Upper  
 112 100  
 64 0.0 18.0 27.0#  
 63 0.0 0.0 0.0





#5  
Phenol-d6  
Concen: 0.058 ng  
RT: 7.033 min Scan# 51  
Delta R.T. 0.043 min  
Lab File: BN033280.D  
Acq: 06 Aug 2024 19:13

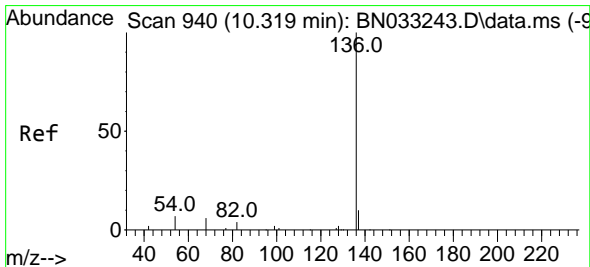
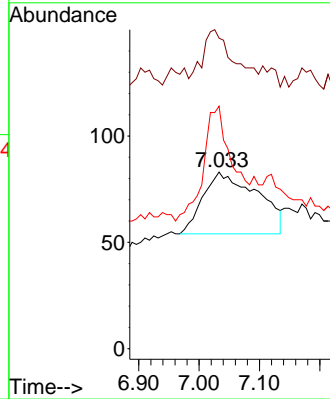
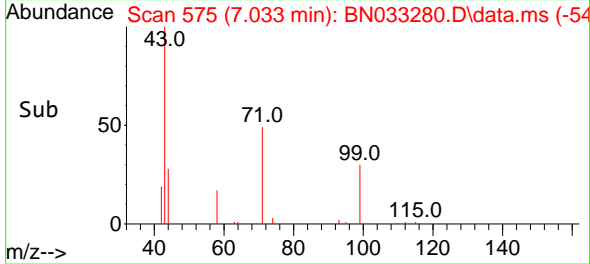
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Tgt Ion: 99 Resp: 18  
Ion Ratio Lower Upper  
99 100  
42 43.1 0.0 0.0  
71 101.7 0.0 0.0

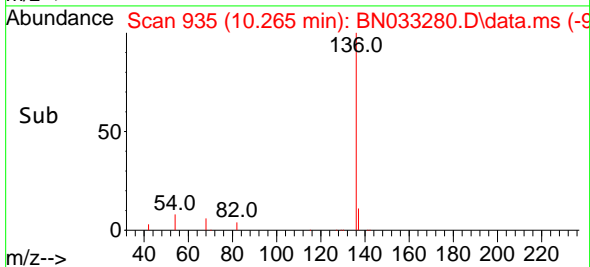
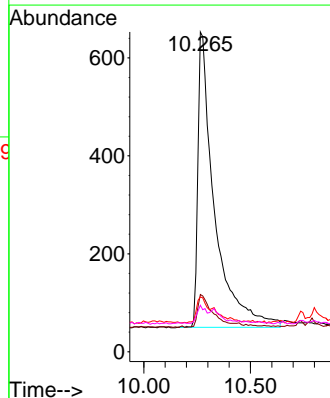
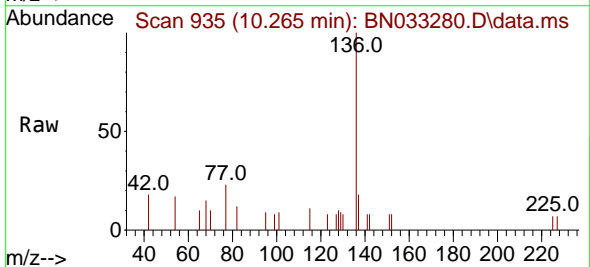
Manual Integrations  
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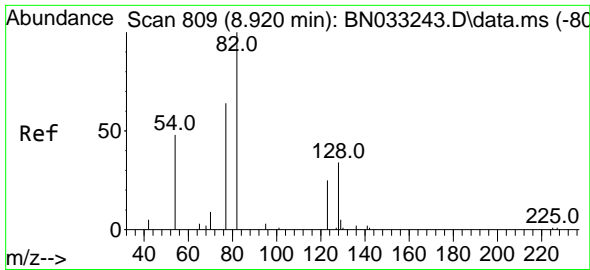
Reviewed By :Yogesh Patel 08/08/2024  
Supervised By :mohammad ahmed 08/08/2024



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.265 min Scan# 935  
Delta R.T. -0.054 min  
Lab File: BN033280.D  
Acq: 06 Aug 2024 19:13

Tgt Ion:136 Resp: 3252  
Ion Ratio Lower Upper  
136 100  
137 17.9 14.1 21.1  
54 17.2 13.8 20.8  
68 14.5 12.4 18.6





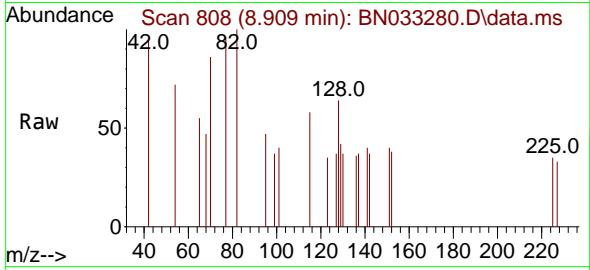
#8  
 Nitrobenzene-d5  
 Concen: 0.334 ng m  
 RT: 8.909 min Scan# 809  
 Delta R.T. -0.011 min  
 Lab File: BN033280.D  
 Acq: 06 Aug 2024 19:13

Instrument :

BNA\_N

Client Sample Id :

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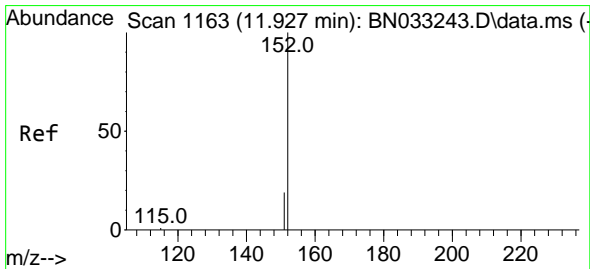
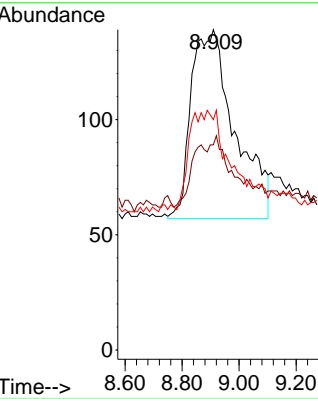
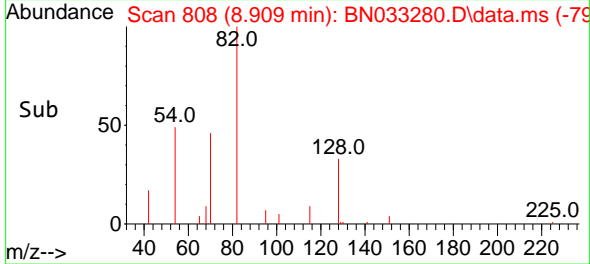
Tgt Ion: 82 Resp: 874  
 Ion Ratio Lower Upper  
 82 100  
 128 64.0 54.8 82.2  
 54 71.9 55.9 83.9

Manual Integrations

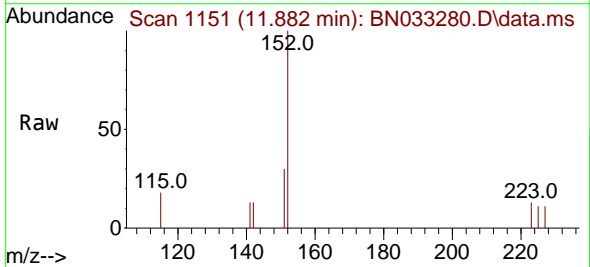
APPROVED

Reviewed By :Yogesh Patel 08/08/2024

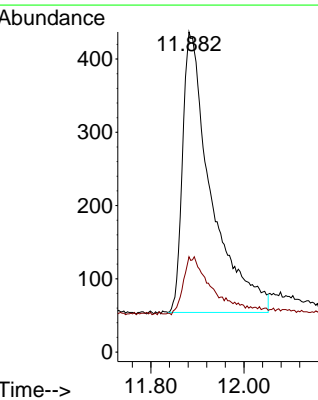
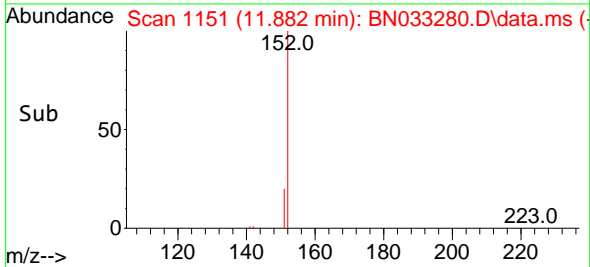
Supervised By :mohammad ahmed 08/08/2024

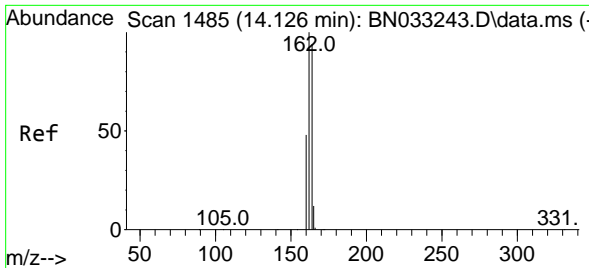


#11  
 2-Methylnaphthalene-d10  
 Concen: 0.338 ng  
 RT: 11.882 min Scan# 1151  
 Delta R.T. -0.045 min  
 Lab File: BN033280.D  
 Acq: 06 Aug 2024 19:13



Tgt Ion:152 Resp: 1632  
 Ion Ratio Lower Upper  
 152 100  
 151 21.1 11.9 17.9#





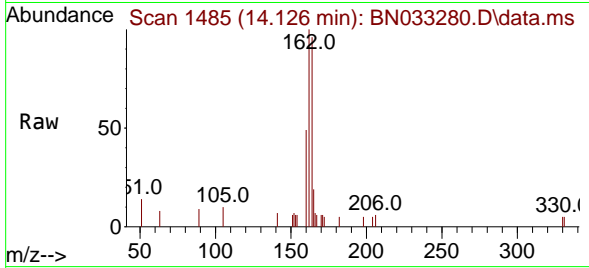
#13  
 Acenaphthene-d10  
 Concen: 0.400 ng m  
 RT: 14.126 min Scan# 14  
 Delta R.T. -0.000 min  
 Lab File: BN033280.D  
 Acq: 06 Aug 2024 19:13

Instrument :

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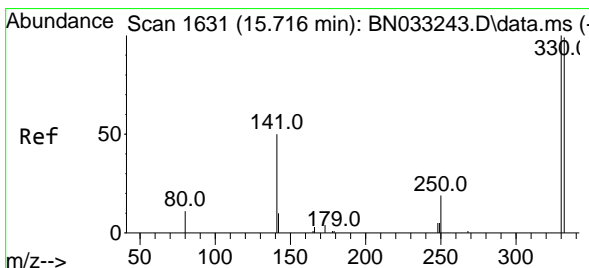
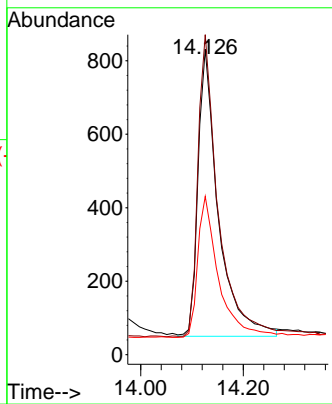
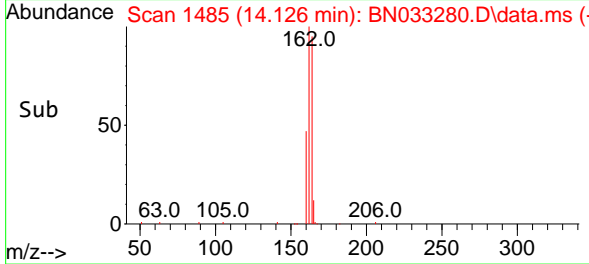
Tgt Ion:164 Resp: 215  
 Ion Ratio Lower Upper  
 164 100  
 162 104.7 84.6 127.0  
 160 51.8 42.4 63.6

Manual Integrations

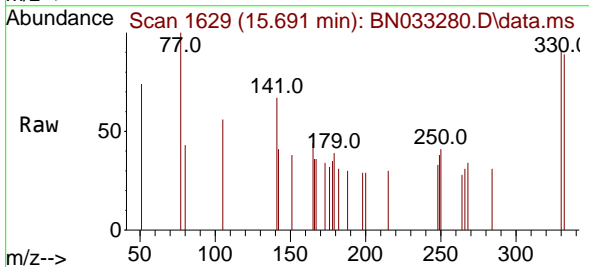
APPROVED

Reviewed By :Yogesh Patel 08/08/2024

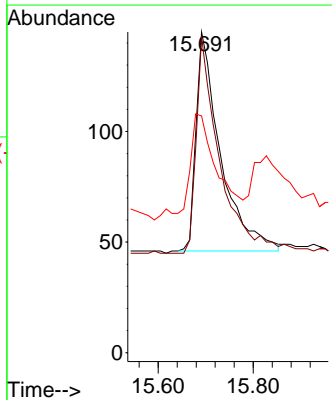
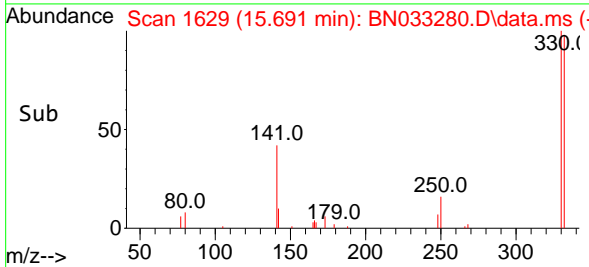
Supervised By :mohammad ahmed 08/08/2024

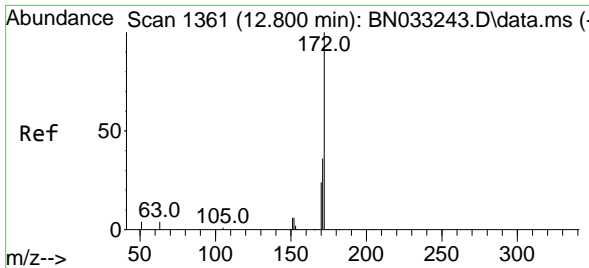


#14  
 2,4,6-Tribromophenol  
 Concen: 0.442 ng  
 RT: 15.691 min Scan# 1629  
 Delta R.T. -0.025 min  
 Lab File: BN033280.D  
 Acq: 06 Aug 2024 19:13



Tgt Ion:330 Resp: 355  
 Ion Ratio Lower Upper  
 330 100  
 332 93.2 73.7 110.5  
 141 46.2 44.8 67.2





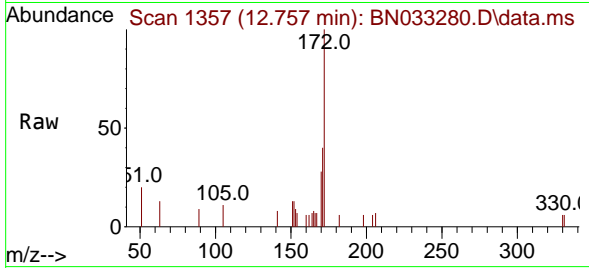
#15  
 2-Fluorobiphenyl  
 Concen: 0.322 ng  
 RT: 12.757 min Scan# 11  
 Delta R.T. -0.043 min  
 Lab File: BN033280.D  
 Acq: 06 Aug 2024 19:13

Instrument :

BNA\_N

ClientSampleId :

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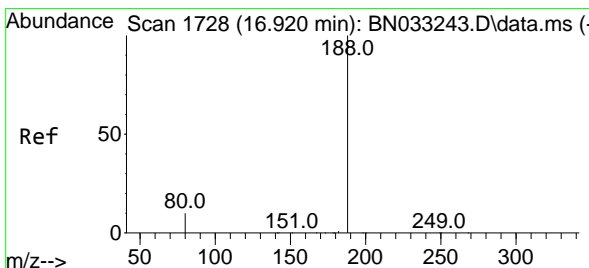
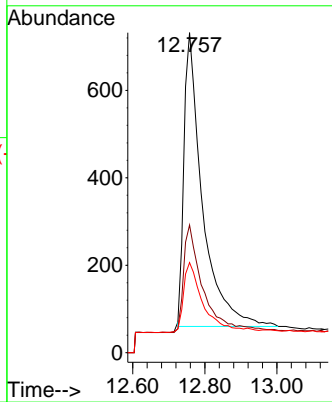
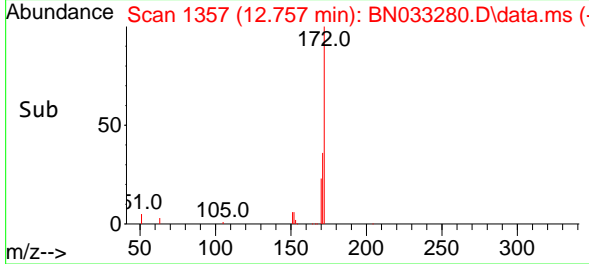
Tgt Ion:172 Resp: 237  
 Ion Ratio Lower Upper  
 172 100  
 171 39.9 32.3 48.5  
 170 28.1 23.4 35.2

Manual Integrations

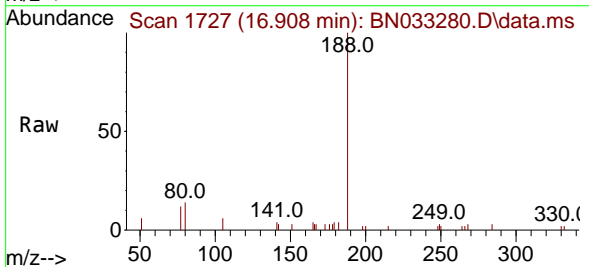
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Reviewed By :Yogesh Patel 08/08/2024

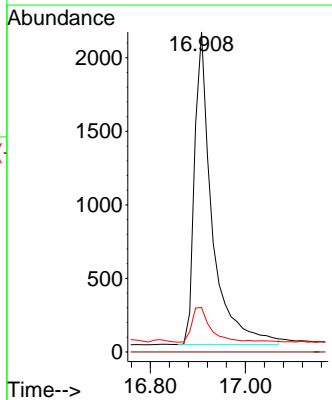
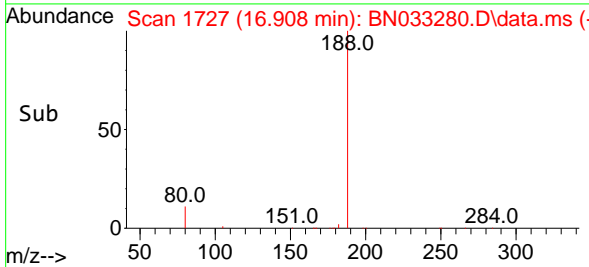
Supervised By :mohammad ahmed 08/08/2024

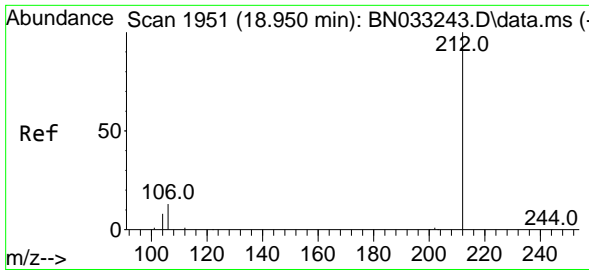


#19  
 Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 16.908 min Scan# 1727  
 Delta R.T. -0.013 min  
 Lab File: BN033280.D  
 Acq: 06 Aug 2024 19:13



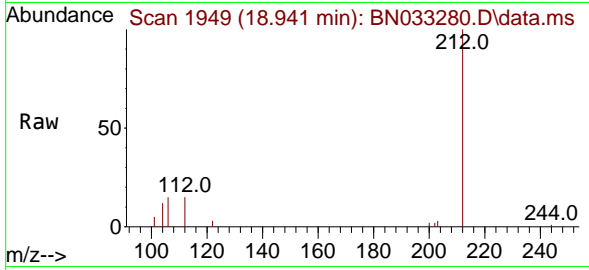
Tgt Ion:188 Resp: 5462  
 Ion Ratio Lower Upper  
 188 100  
 94 0.0 0.0 0.0  
 80 13.8 10.2 15.4





#27  
 Fluoranthene-d10  
 Concen: 0.462 ng  
 RT: 18.941 min Scan# 1951  
 Delta R.T. -0.009 min  
 Lab File: BN033280.D  
 Acq: 06 Aug 2024 19:13

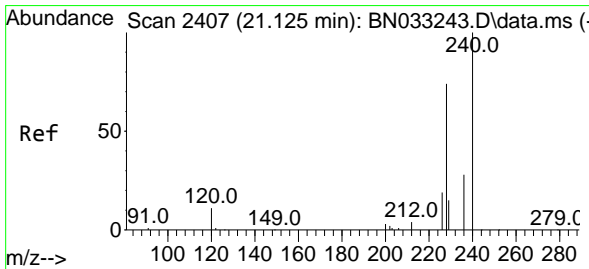
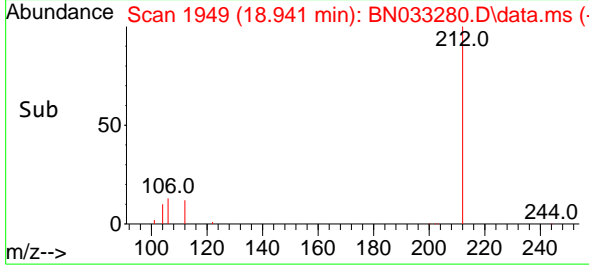
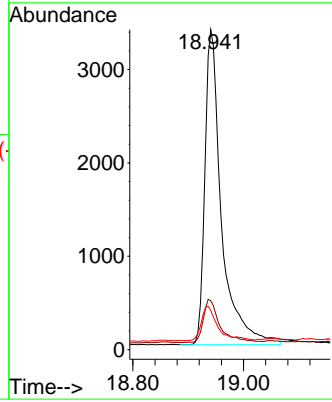
Instrument : BNA\_N  
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Tgt Ion: 212 Resp: 706  
 Ion Ratio Lower Upper  
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 106 13.7 11.4 17.0  
 104 10.1 7.1 10.7

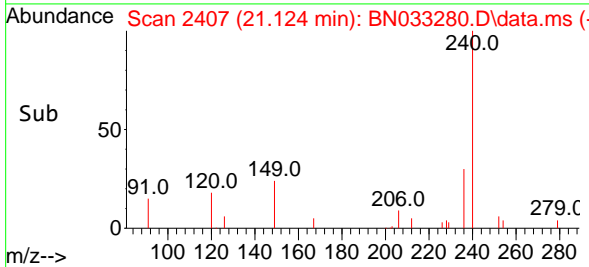
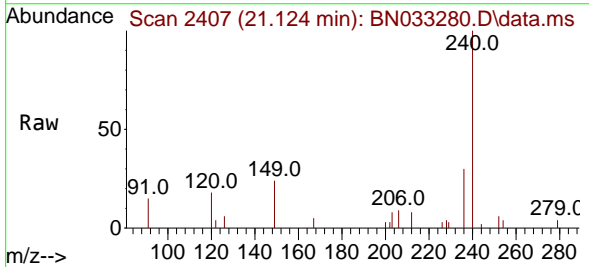
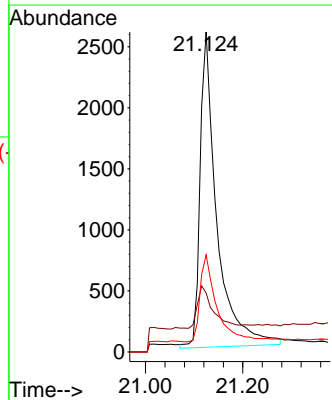
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 Supervised By : mohammad ahmed 08/08/2024

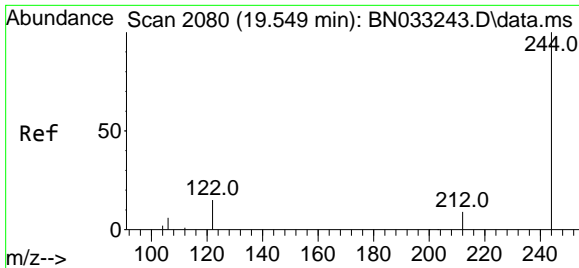


#29  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.124 min Scan# 2407  
 Delta R.T. -0.001 min  
 Lab File: BN033280.D  
 Acq: 06 Aug 2024 19:13

Tgt Ion: 240 Resp: 6159  
 Ion Ratio Lower Upper  
 240 100  
 120 18.4 13.3 19.9  
 236 30.3 23.8 35.6

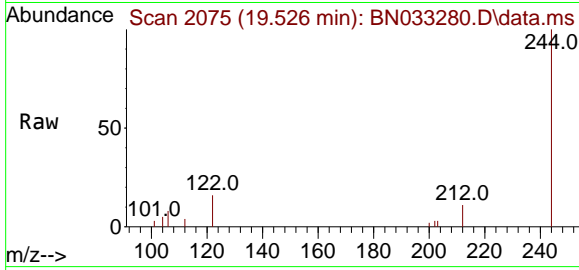






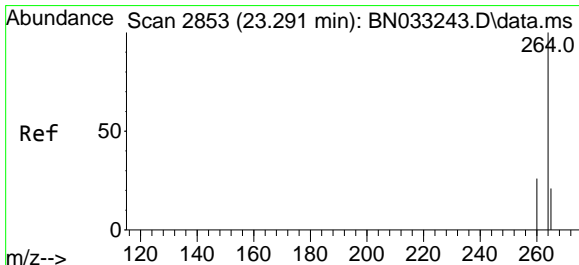
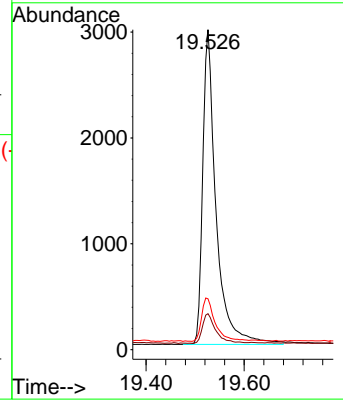
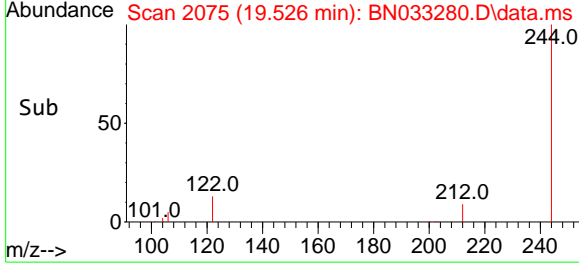
#31  
 Terphenyl-d14  
 Concen: 0.528 ng  
 RT: 19.526 min Scan# 2080  
 Delta R.T. -0.023 min  
 Lab File: BN033280.D  
 Acq: 06 Aug 2024 19:13

Instrument : BNA\_N  
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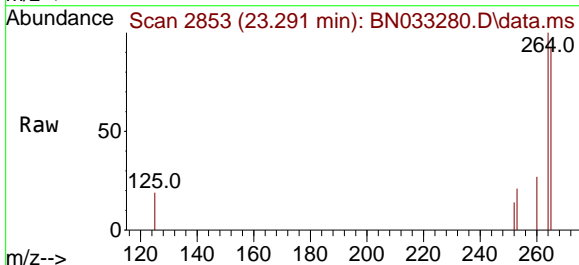


Tgt Ion:244 Resp: 561  
 Ion Ratio Lower Upper  
 244 100  
 212 11.2 9.9 14.9  
 122 15.9 14.1 21.1

Manual Integrations  
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 Supervised By :mohammad ahmed 08/08/2024



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.291 min Scan# 2853  
 Delta R.T. -0.000 min  
 Lab File: BN033280.D  
 Acq: 06 Aug 2024 19:13



Tgt Ion:264 Resp: 7078  
 Ion Ratio Lower Upper  
 264 100  
 260 27.0 21.4 32.2  
 265 92.4 66.6 99.8

