

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
 Data File : BN033262.D
 Acq On : 06 Aug 2024 08:08
 Operator : MA/JU
 Sample : P3457-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 924-K1-WS-080224

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 06 08:34:25 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	7.633	152	827m	0.400	ng	0.12
7) Naphthalene-d8	10.340	136	3124	0.400	ng	0.02
13) Acenaphthene-d10	14.143	164	2029	0.400	ng	0.02
19) Phenanthrene-d10	16.914	188	5014	0.400	ng	# 0.00
29) Chrysene-d12	21.122	240	6879	0.400	ng	0.00
35) Perylene-d12	23.280	264	7529	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	203m	0.099	ng	0.04
5) Phenol-d6	7.134	99	191m	0.068	ng	0.14
8) Nitrobenzene-d5	8.973	82	704m	0.280	ng	0.05
11) 2-Methylnaphthalene-d10	11.912	152	1475m	0.318	ng	-0.01
14) 2,4,6-Tribromophenol	15.698	330	293	0.387	ng	-0.02
15) 2-Fluorobiphenyl	12.786	172	2808	0.405	ng	-0.01
27) Fluoranthene-d10	18.948	212	5245	0.374	ng	0.00
31) Terphenyl-d14	19.533	244	4848	0.408	ng	-0.02
Target Compounds						Qvalue
25) Phenanthrene	16.964	178	276	0.020	ng	# 91
28) Fluoranthene	18.980	202	440	0.024	ng	# 87

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

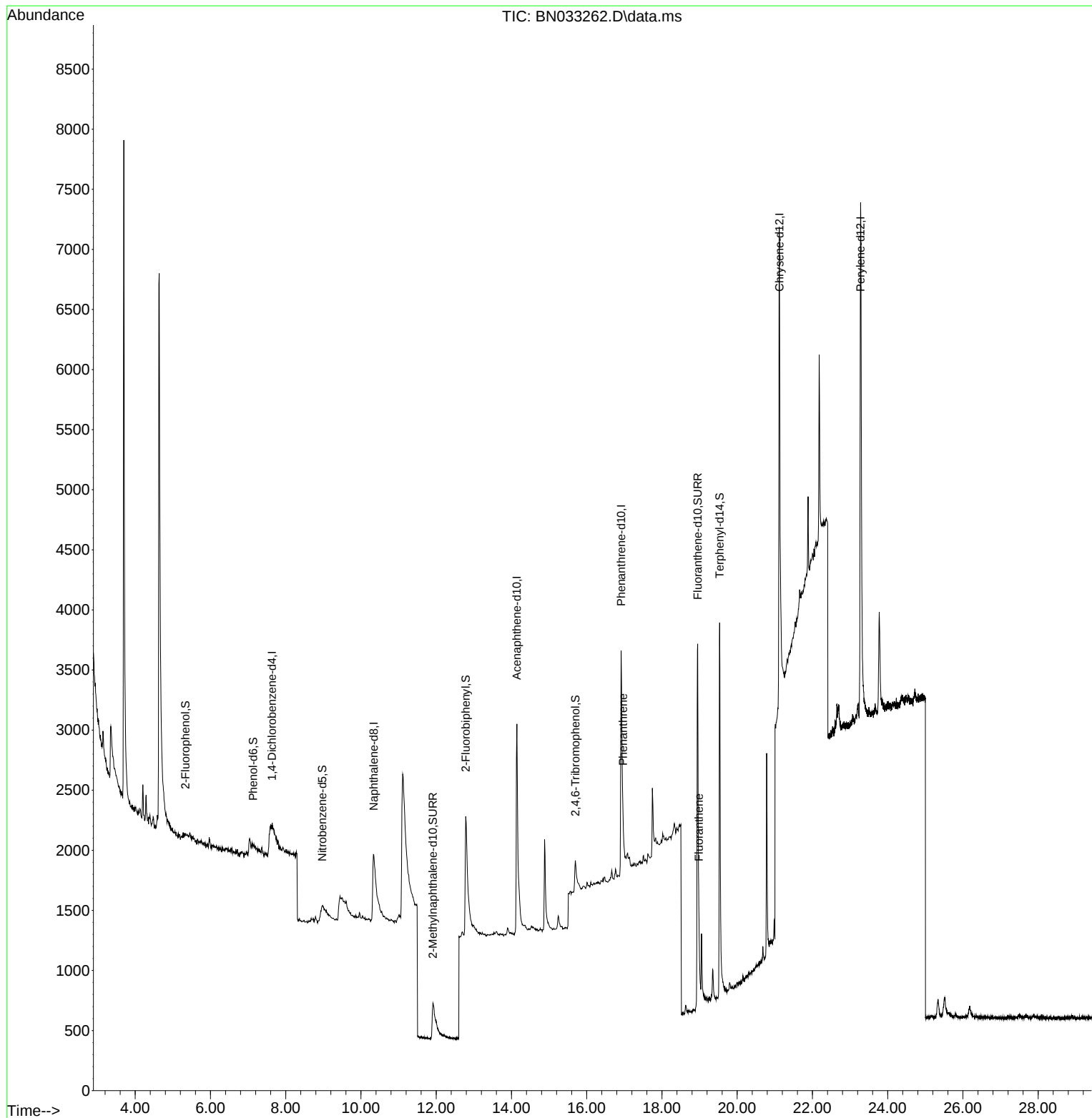
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
Data File : BN033262.D
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ALS Vial : 25 Sample Multiplier: 1

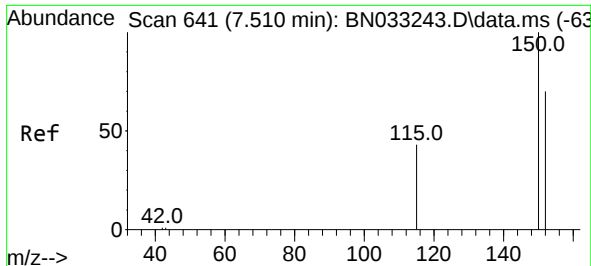
Instrument :
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924-K1-WS-080224

Quant Time: Aug 06 08:34:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
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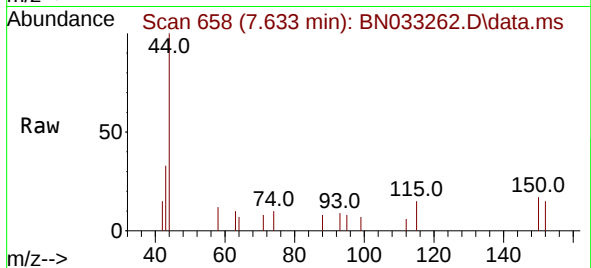
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng m
 RT: 7.633 min Scan# 61
 Delta R.T. 0.123 min
 Lab File: BN033262.D
 Acq: 06 Aug 2024 08:08

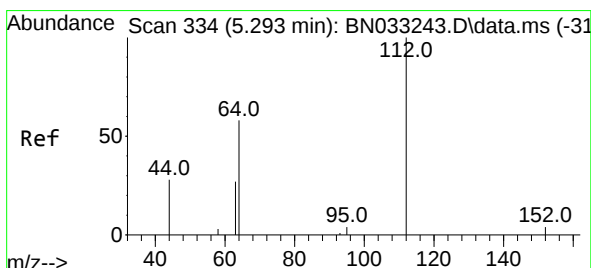
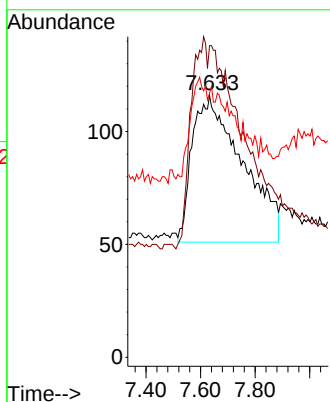
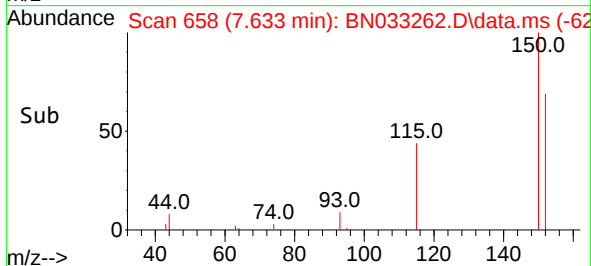
Instrument :
 BNA_N
 ClientSampleId :
 924-K1-WS-080224



Tgt Ion:152 Resp: 82
 Ion Ratio Lower Upper
 152 100
 150 119.0 108.2 162.2
 115 100.9 70.5 105.7

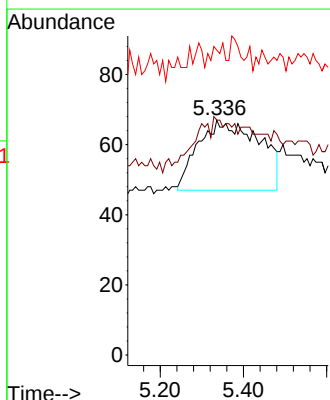
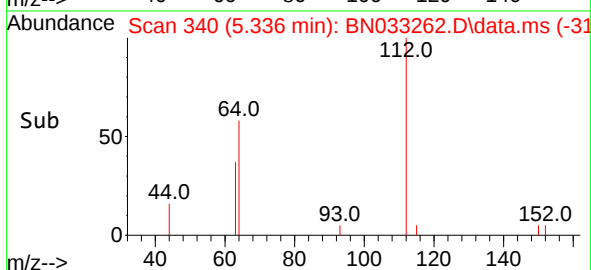
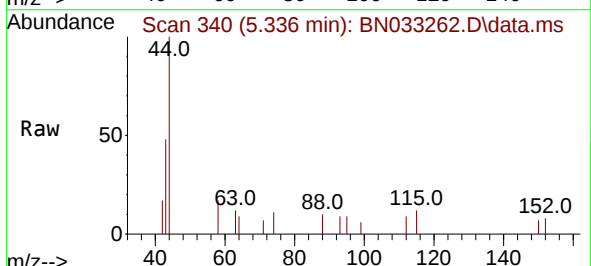
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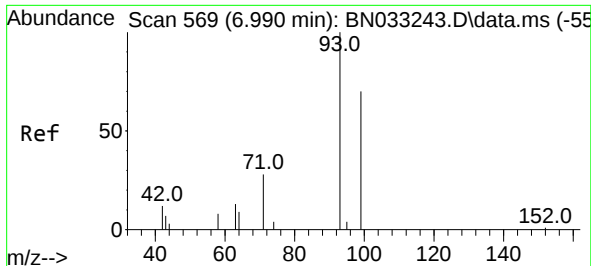
Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024



#4
 2-Fluorophenol
 Concen: 0.099 ng m
 RT: 5.336 min Scan# 340
 Delta R.T. 0.043 min
 Lab File: BN033262.D
 Acq: 06 Aug 2024 08:08

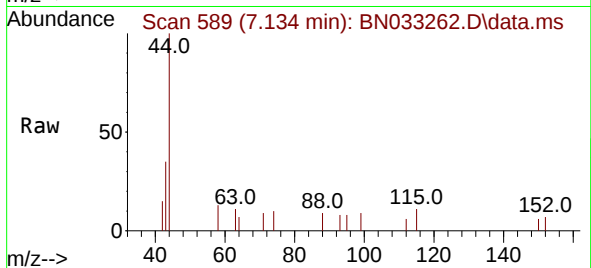
Tgt Ion:112 Resp: 203
 Ion Ratio Lower Upper
 112 100
 64 4.9 18.0 27.0#
 63 0.0 0.0 0.0





#5
Phenol-d6
Concen: 0.068 ng m
RT: 7.134 min Scan# 51
Delta R.T. 0.144 min
Lab File: BN033262.D
Acq: 06 Aug 2024 08:08

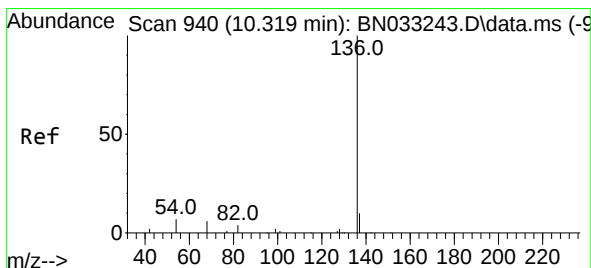
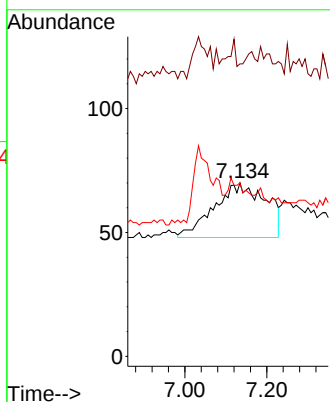
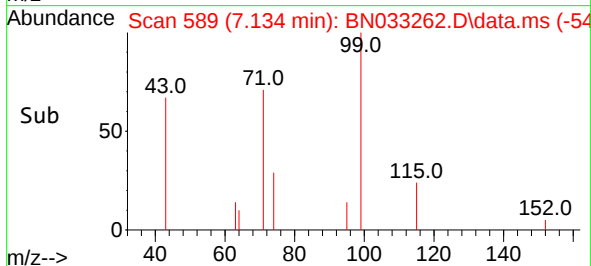
Instrument :
BNA_N
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924-K1-WS-080224



Tgt Ion: 99 Resp: 191
Ion Ratio Lower Upper
99 100
42 10.5 0.0 0.0
71 9.9 0.0 0.0

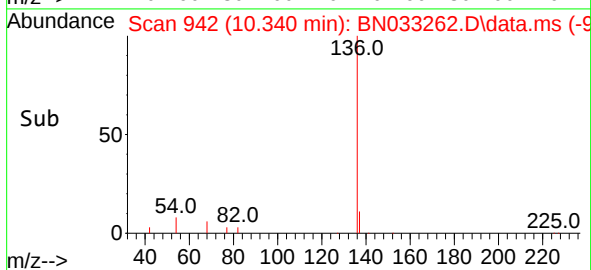
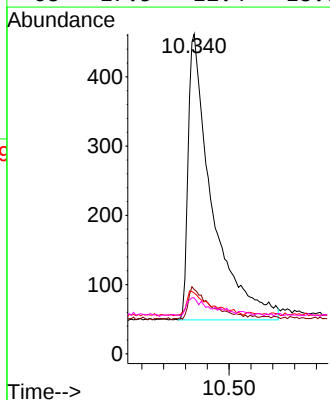
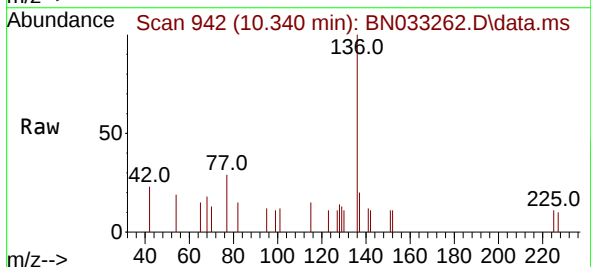
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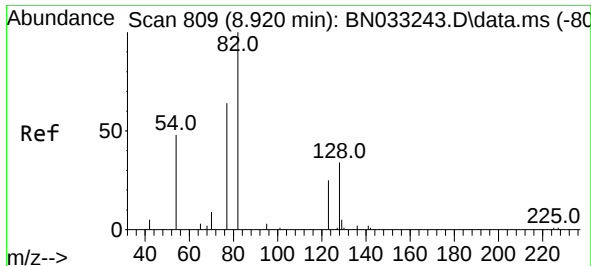
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 942
Delta R.T. 0.021 min
Lab File: BN033262.D
Acq: 06 Aug 2024 08:08

Tgt Ion:136 Resp: 3124
Ion Ratio Lower Upper
136 100
137 20.1 14.1 21.1
54 19.0 13.8 20.8
68 17.5 12.4 18.6





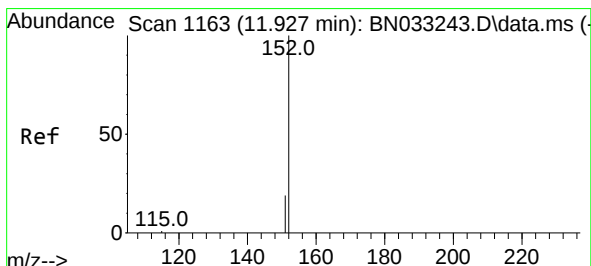
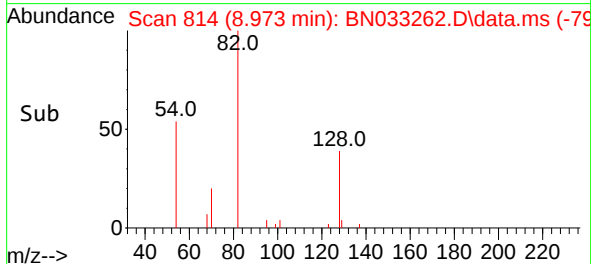
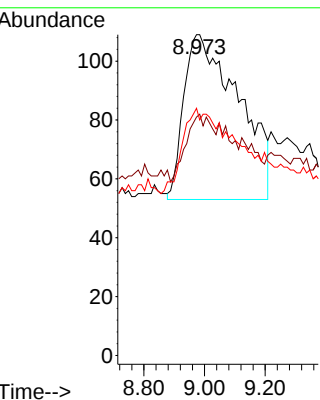
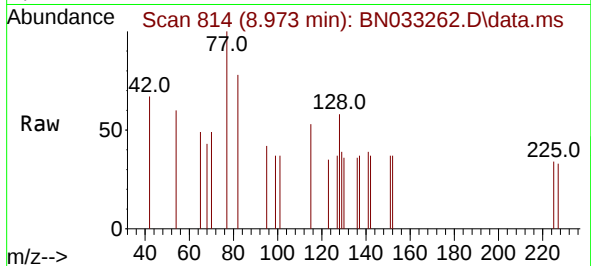
#8
Nitrobenzene-d5
Concen: 0.280 ng m
RT: 8.973 min Scan# 814
Delta R.T. 0.053 min
Lab File: BN033262.D
Acq: 06 Aug 2024 08:08

Instrument :
BNA_N
ClientSampleId :
924-K1-WS-080224

Tgt Ion: 82 Resp: 704
Ion Ratio Lower Upper
82 100
128 74.3 54.8 82.2
54 77.1 55.9 83.9

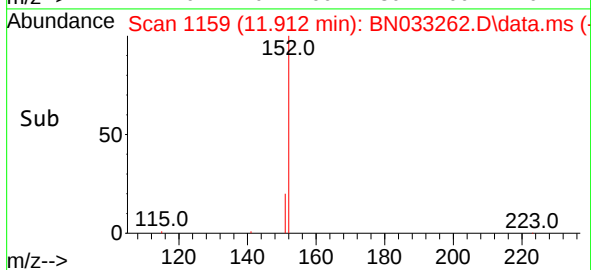
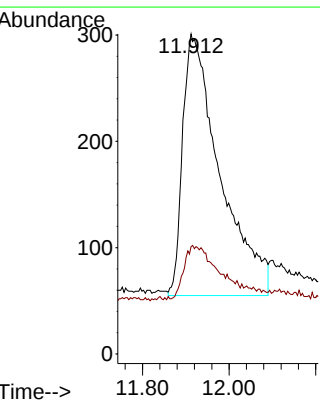
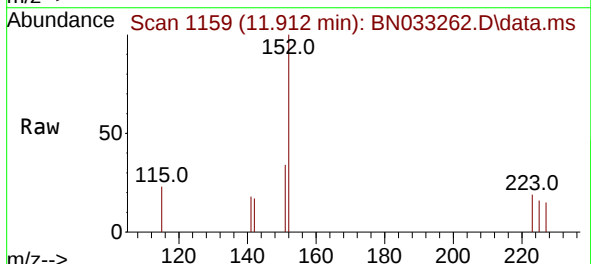
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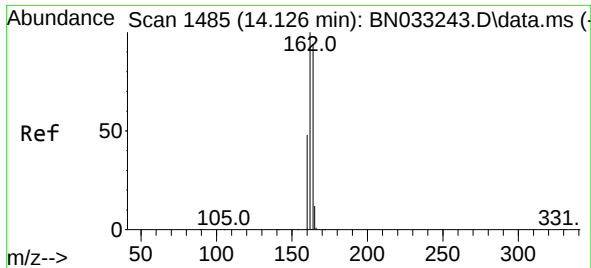
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#11
2-Methylnaphthalene-d10
Concen: 0.318 ng m
RT: 11.912 min Scan# 1159
Delta R.T. -0.015 min
Lab File: BN033262.D
Acq: 06 Aug 2024 08:08

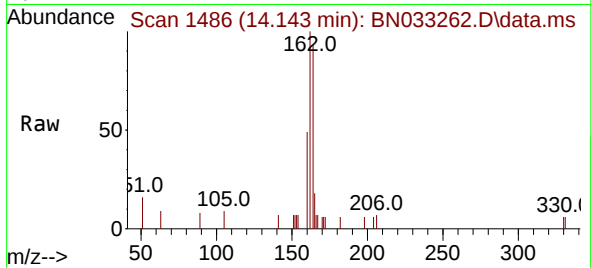
Tgt Ion:152 Resp: 1475
Ion Ratio Lower Upper
152 100
151 18.2 11.9 17.9#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.143 min Scan# 1486
Delta R.T. 0.017 min
Lab File: BN033262.D
Acq: 06 Aug 2024 08:08

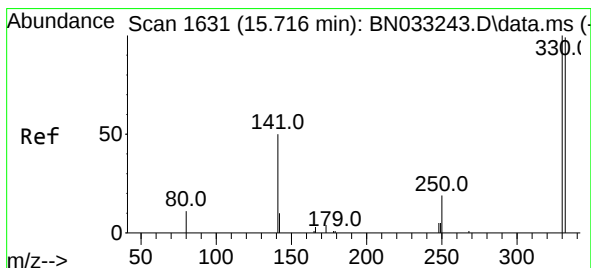
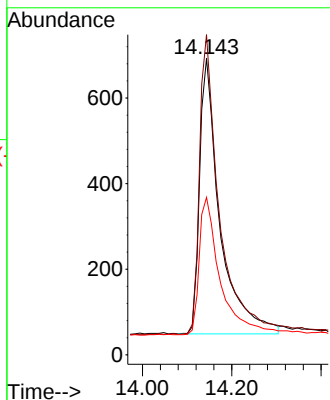
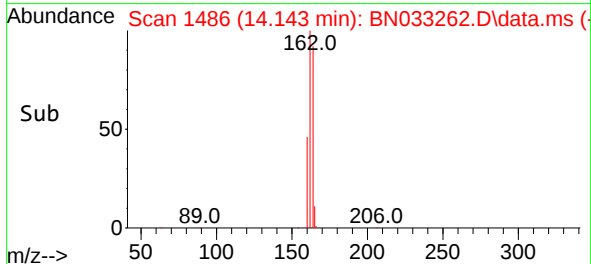
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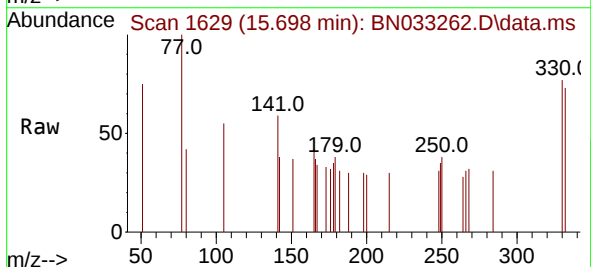
Tgt Ion:164 Resp: 2029
Ion Ratio Lower Upper
164 100
162 107.9 84.6 127.0
160 53.1 42.4 63.6

Manual Integrations
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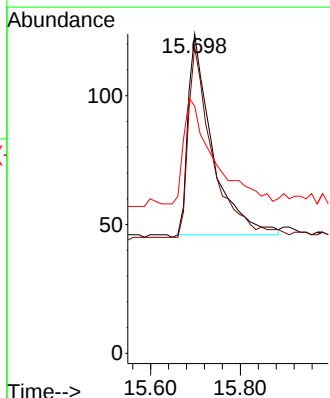
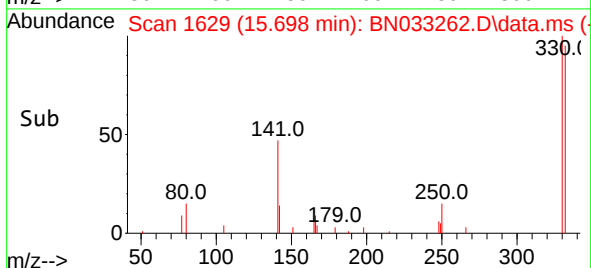
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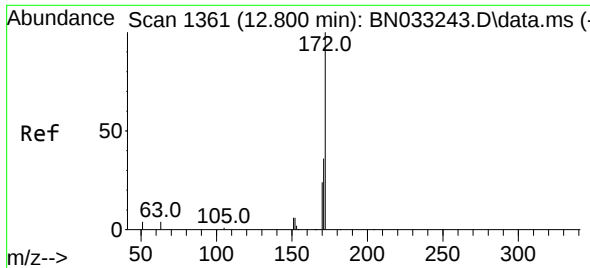


#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.698 min Scan# 1629
Delta R.T. -0.018 min
Lab File: BN033262.D
Acq: 06 Aug 2024 08:08



Tgt Ion:330 Resp: 293
Ion Ratio Lower Upper
330 100
332 94.9 73.7 110.5
141 60.1 44.8 67.2





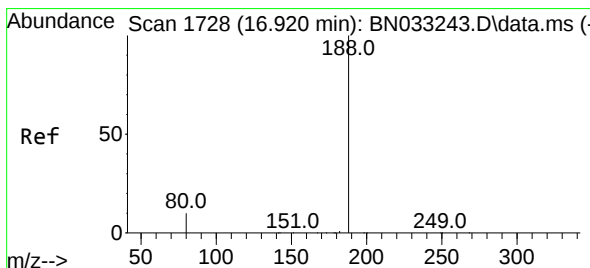
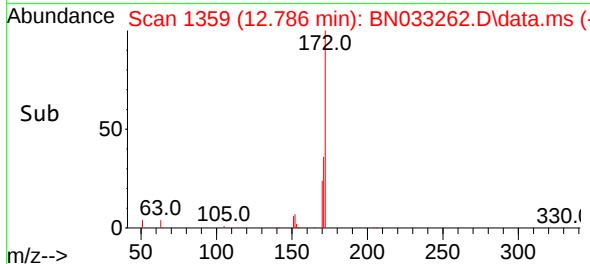
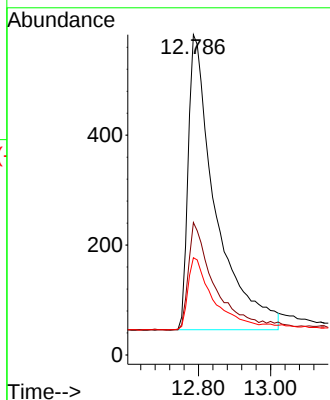
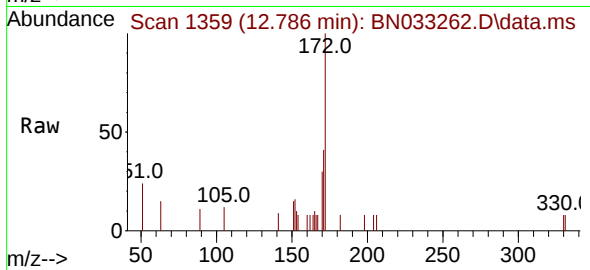
#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.786 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN033262.D
Acq: 06 Aug 2024 08:08

Instrument :
BNA_N
ClientSampleId :
924-K1-WS-080224

Tgt Ion:172 Resp: 280
Ion Ratio Lower Upper
172 100
171 41.3 32.3 48.5
170 30.4 23.4 35.2

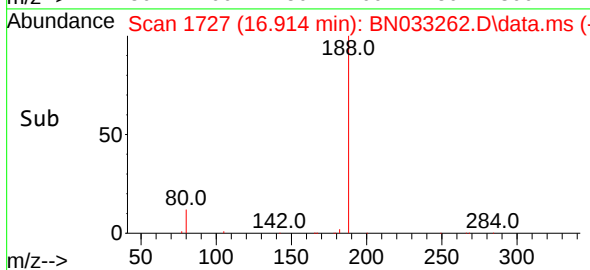
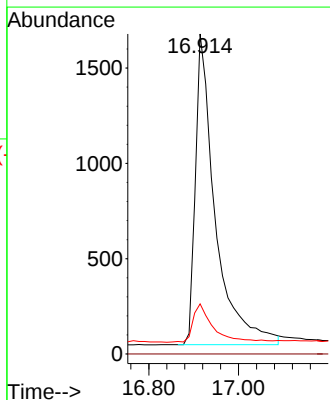
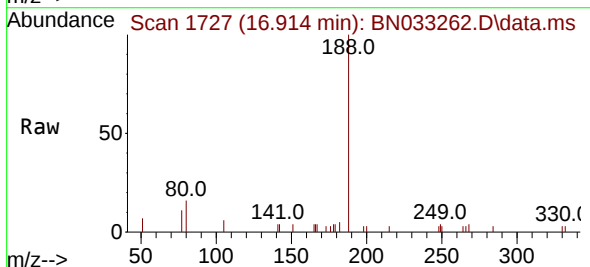
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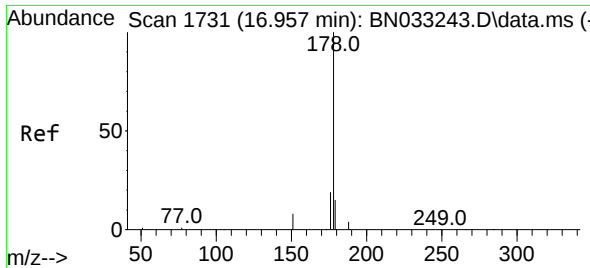
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.914 min Scan# 1727
Delta R.T. -0.006 min
Lab File: BN033262.D
Acq: 06 Aug 2024 08:08

Tgt Ion:188 Resp: 5014
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.7 10.2 15.4#





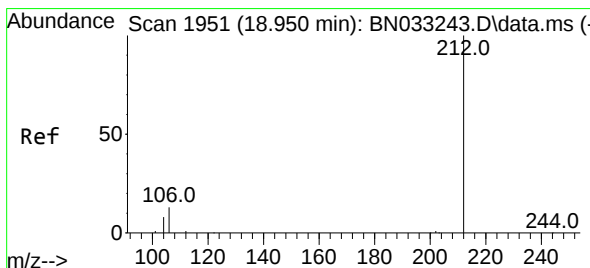
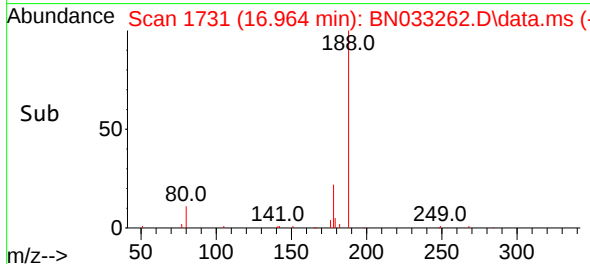
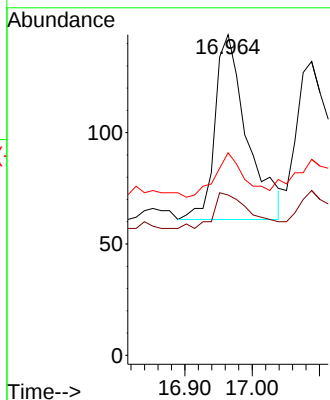
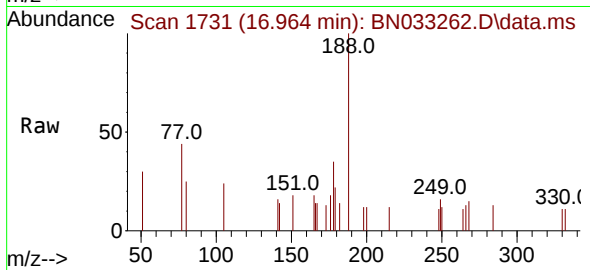
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Phenanthrene
Concen: 0.020 ng
RT: 16.964 min Scan# 11
Delta R.T. 0.007 min
Lab File: BN033262.D
Acq: 06 Aug 2024 08:08

Instrument :
BNA_N
ClientSampleId :
924-K1-WS-080224

Tgt Ion:178 Resp: 270
Ion Ratio Lower Upper
178 100
176 21.7 15.7 23.5
179 21.7 12.4 18.6

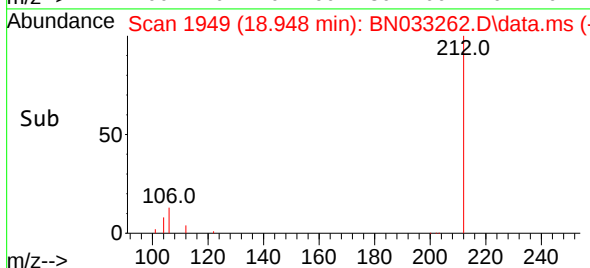
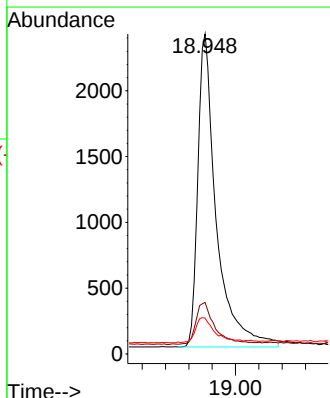
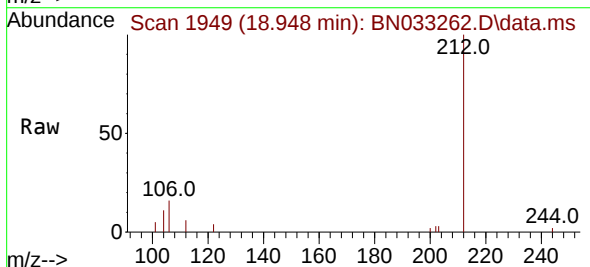
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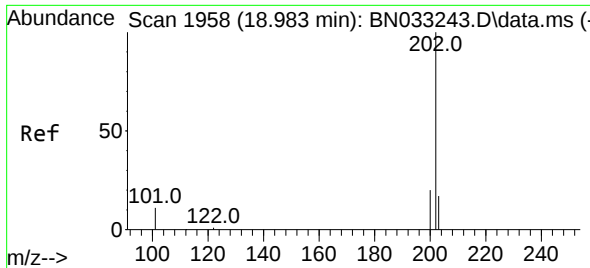
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 18.948 min Scan# 1949
Delta R.T. -0.002 min
Lab File: BN033262.D
Acq: 06 Aug 2024 08:08

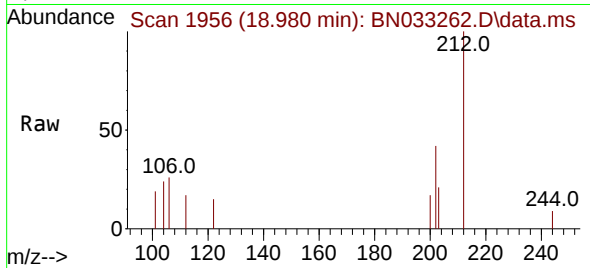
Tgt Ion:212 Resp: 5245
Ion Ratio Lower Upper
212 100
106 13.6 11.4 17.0
104 8.5 7.1 10.7





#28
Fluoranthene
Concen: 0.024 ng
RT: 18.980 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BN033262.D
Acq: 06 Aug 2024 08:08

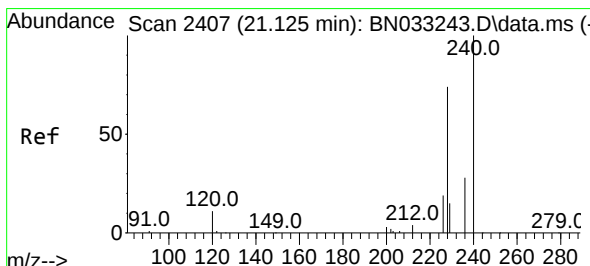
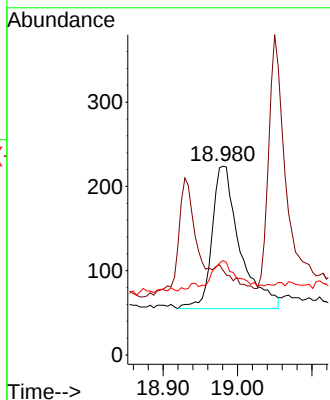
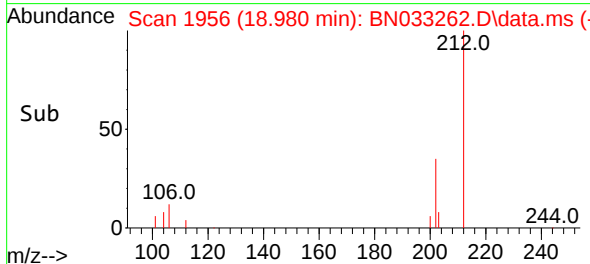
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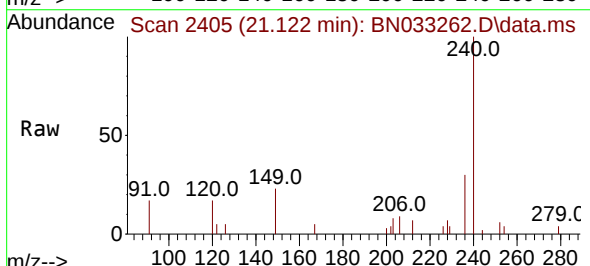
Tgt Ion:202 Resp: 440
Ion Ratio Lower Upper
202 100
101 0.0 8.6 13.0
203 15.7 13.8 20.8

Manual Integrations
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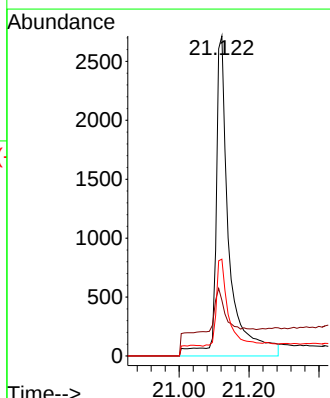
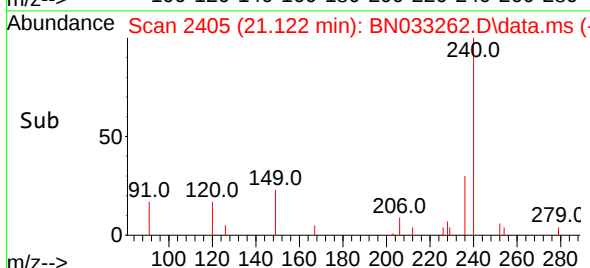
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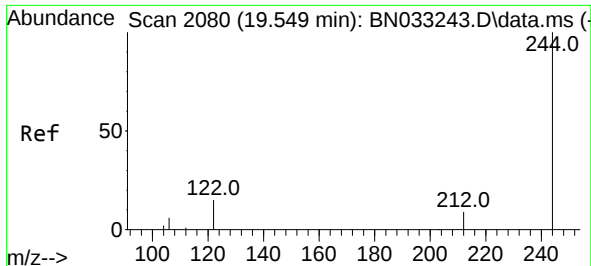


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.122 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BN033262.D
Acq: 06 Aug 2024 08:08



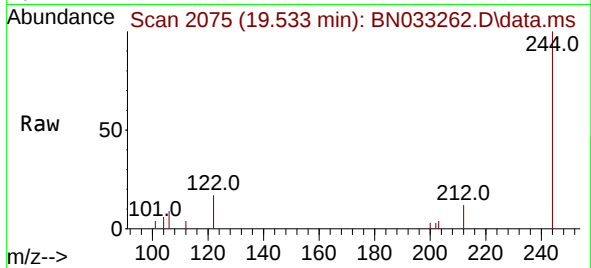
Tgt Ion:240 Resp: 6879
Ion Ratio Lower Upper
240 100
120 17.4 13.3 19.9
236 30.3 23.8 35.6





#31
Terphenyl-d14
Concen: 0.408 ng
RT: 19.533 min Scan# 2080
Delta R.T. -0.016 min
Lab File: BN033262.D
Acq: 06 Aug 2024 08:08

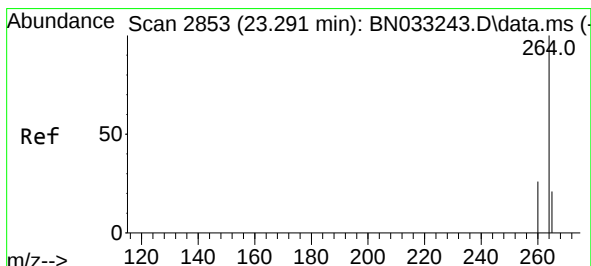
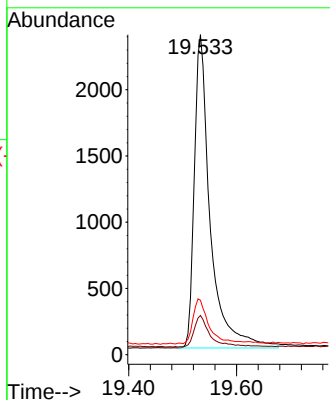
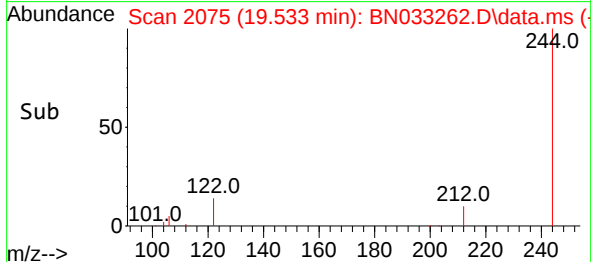
Instrument :
BNA_N
ClientSampleId :
924-K1-WS-080224



Tgt Ion:244 Resp: 4848
Ion Ratio Lower Upper
244 100
212 12.3 9.9 14.9
122 17.0 14.1 21.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.280 min Scan# 2846
Delta R.T. -0.011 min
Lab File: BN033262.D
Acq: 06 Aug 2024 08:08

Tgt Ion:264 Resp: 7529
Ion Ratio Lower Upper
264 100
260 27.5 21.4 32.2
265 77.3 66.6 99.8

