

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035787.D
 Acq On : 23 Dec 2024 16:52
 Operator : RC/JU
 Sample : P5317-21
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20241217

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 23 17:37:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.265	152	3000	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	7074	0.400	ng	-0.01
13) Acenaphthene-d10	13.925	164	4189	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	8152	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	7140	0.400	ng	# 0.00
35) Perylene-d12	23.038	264	7410	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	1128	0.150	ng	0.00
5) Phenol-d6	6.484	99	597	0.066	ng	0.00
8) Nitrobenzene-d5	8.408	82	1908m	0.442	ng	0.00
11) 2-Methylnaphthalene-d10	11.626	152	4312	0.389	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	641	0.216	ng	0.00
15) 2-Fluorobiphenyl	12.539	172	6571	0.415	ng	0.00
27) Fluoranthene-d10	18.757	212	11637	0.504	ng	0.00
31) Terphenyl-d14	19.384	244	9881	0.702	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.974	88	22891	7.982	ng	98
6) bis(2-Chloroethyl)ether	6.723	93	331	0.044	ng	95
34) Bis(2-ethylhexyl)phtha...	20.902	149	630	0.064	ng	# 95

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

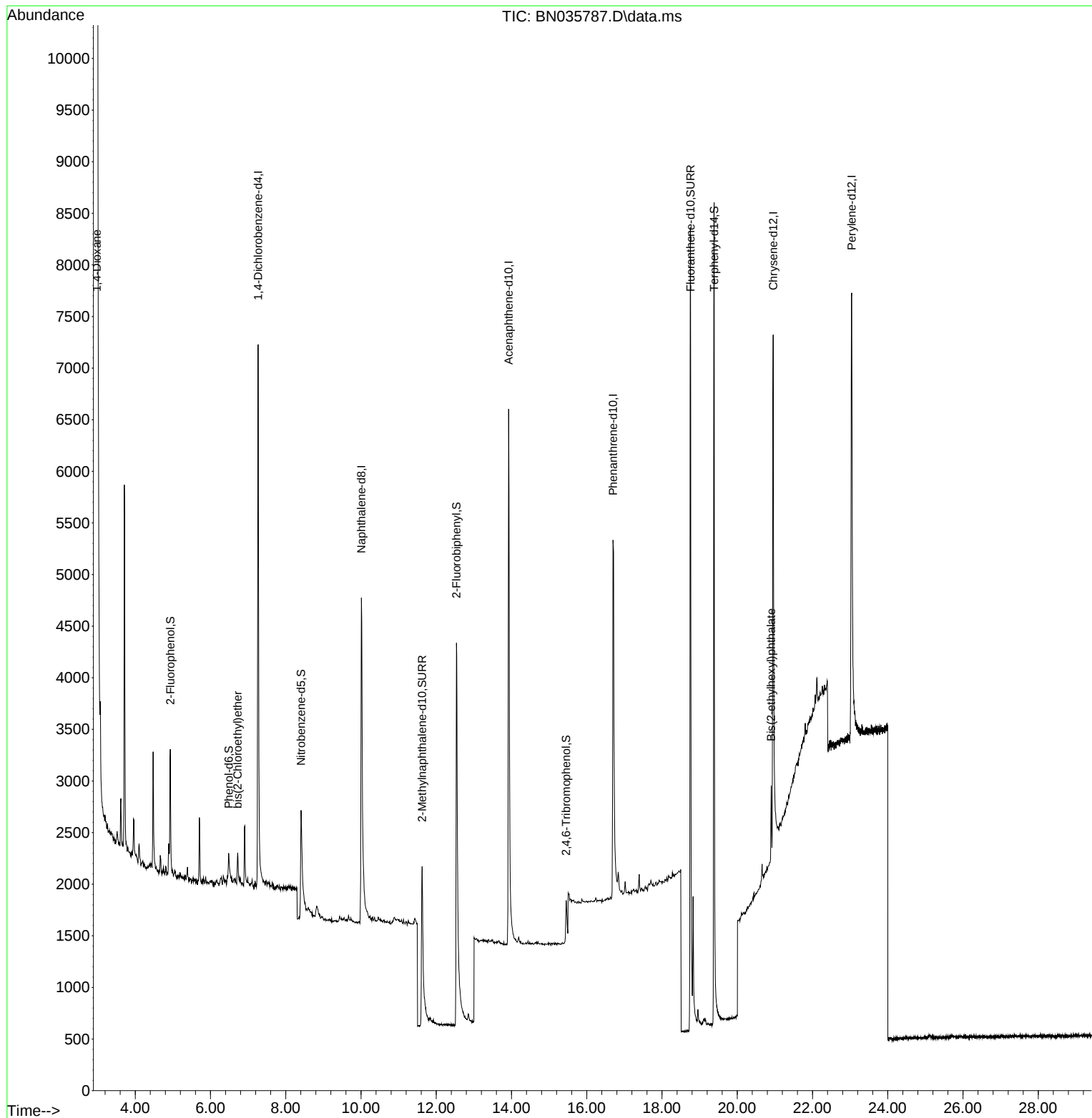
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035787.D
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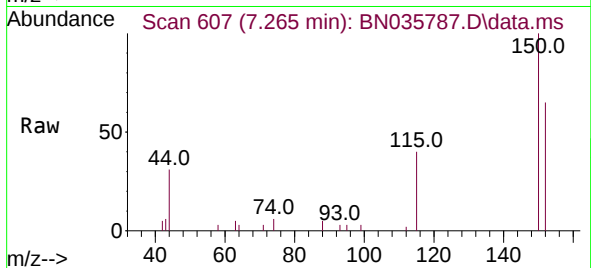
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.265 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN035787.D
Acq: 23 Dec 2024 16:52

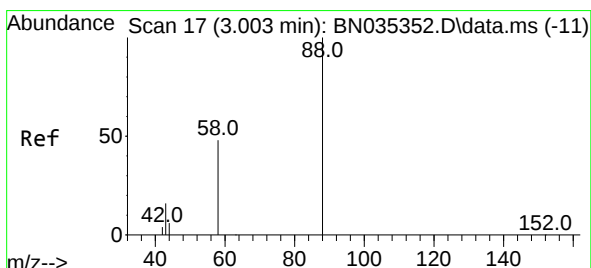
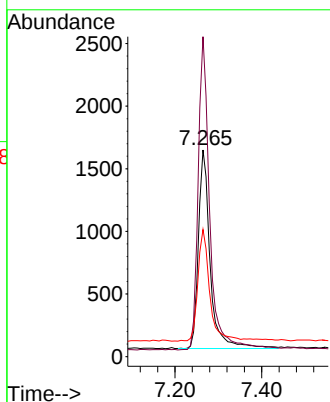
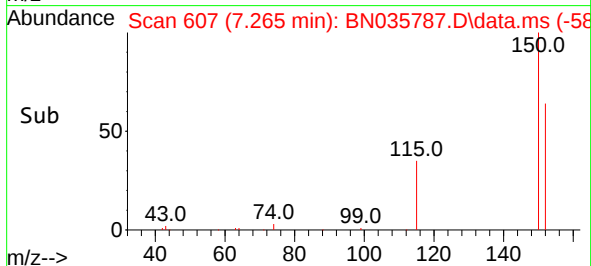
Instrument :
BNA_N
ClientSampleId :
RE132D6-20241217



Tgt Ion:152 Resp: 3000
Ion Ratio Lower Upper
152 100
150 154.8 124.0 186.0
115 61.5 49.6 74.4

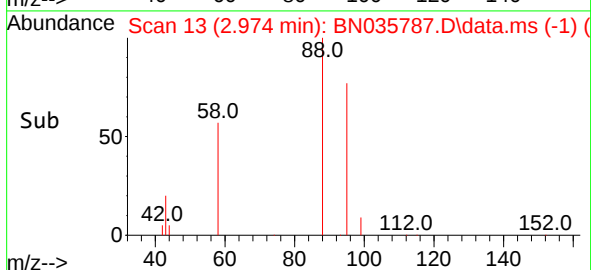
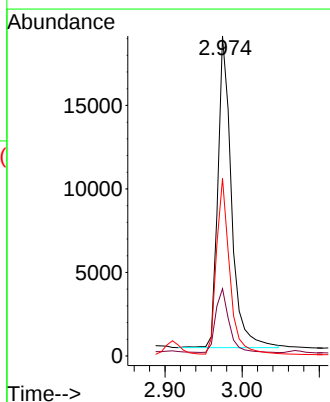
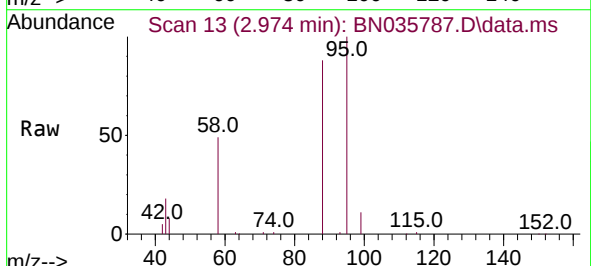
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Supervised By :mohammad ahmed 12/26/2024



#2
1,4-Dioxane
Concen: 7.982 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035787.D
Acq: 23 Dec 2024 16:52

Tgt Ion: 88 Resp: 22891
Ion Ratio Lower Upper
88 100
43 20.2 17.2 25.8
58 54.3 44.5 66.7





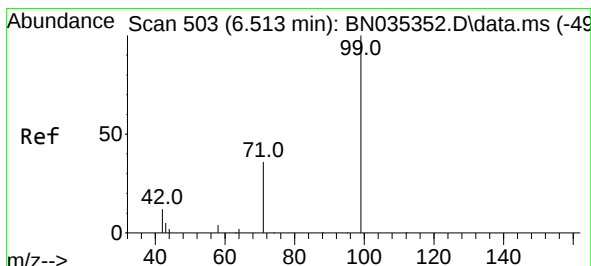
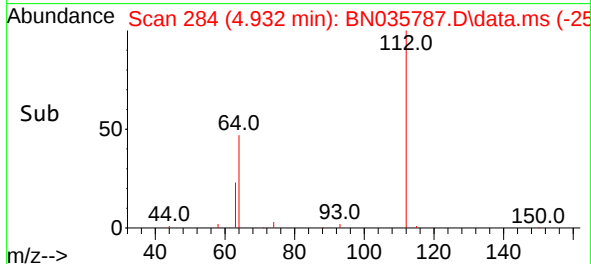
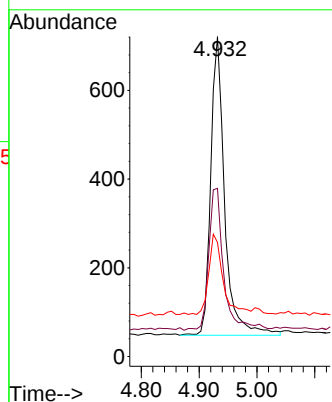
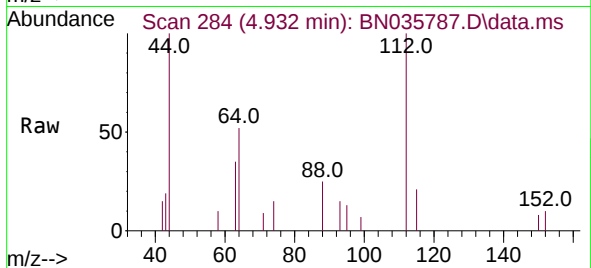
#4
2-Fluorophenol
Concen: 0.150 ng
RT: 4.932 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035787.D
Acq: 23 Dec 2024 16:52

Instrument :
BNA_N
ClientSampleId :
RE132D6-20241217

Tgt Ion:112 Resp: 112
Ion Ratio Lower Upper
112 100
64 51.2 39.8 59.8
63 27.1 21.0 31.6

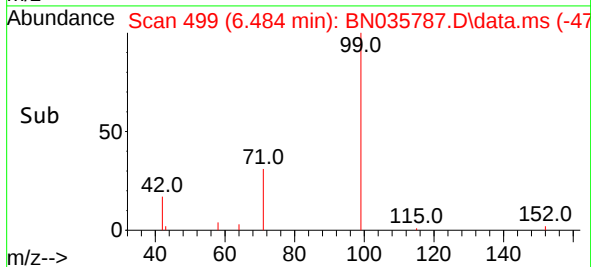
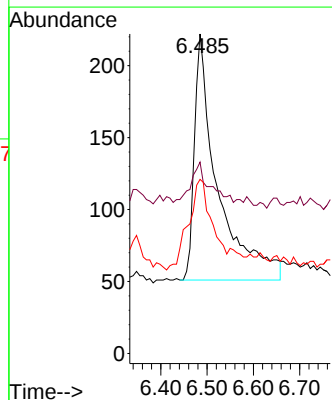
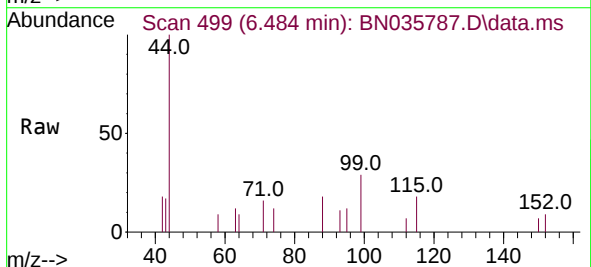
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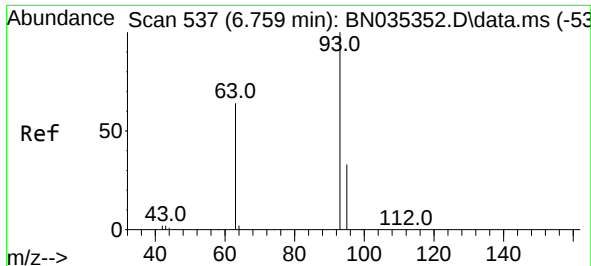
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#5
Phenol-d6
Concen: 0.066 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035787.D
Acq: 23 Dec 2024 16:52

Tgt Ion: 99 Resp: 597
Ion Ratio Lower Upper
99 100
42 12.6 11.4 17.2
71 37.7 29.3 43.9





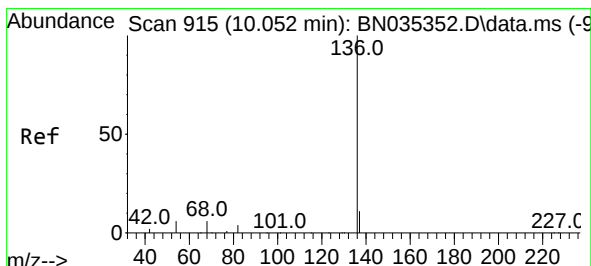
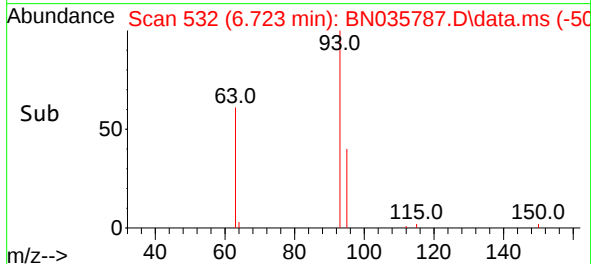
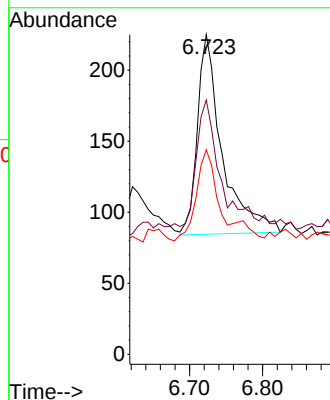
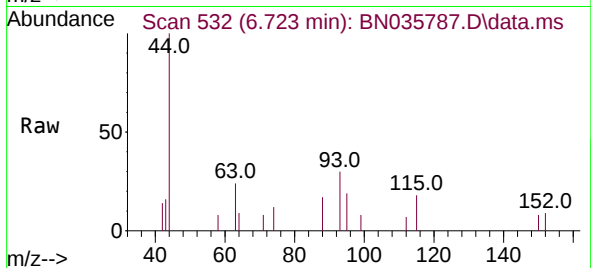
#6
bis(2-Chloroethyl)ether
Concen: 0.044 ng
RT: 6.723 min Scan# 511
Delta R.T. -0.007 min
Lab File: BN035787.D
Acq: 23 Dec 2024 16:52

Instrument :
BNA_N
ClientSampleId :
RE132D6-20241217

Tgt Ion: 93 Resp: 33
Ion Ratio Lower Upper
93 100
63 64.4 50.4 75.6
95 38.4 25.7 38.5

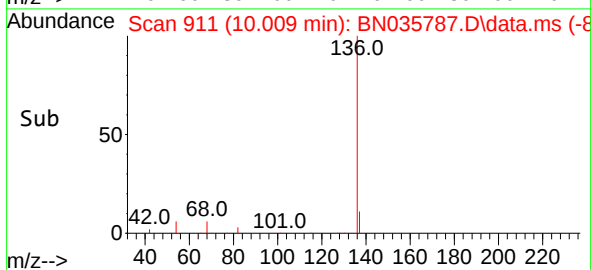
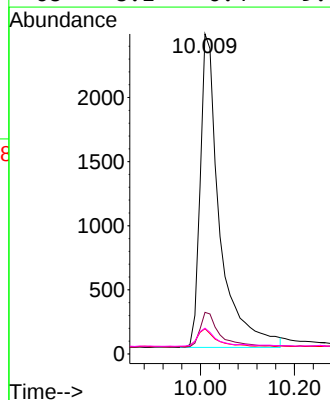
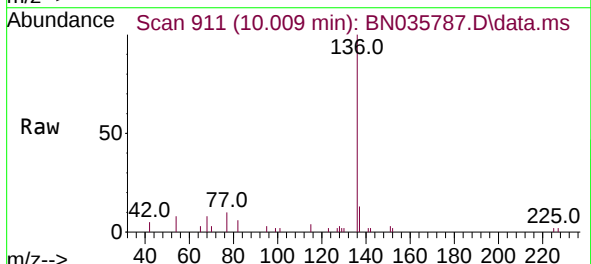
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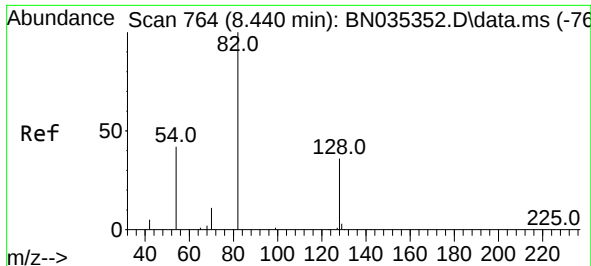
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035787.D
Acq: 23 Dec 2024 16:52

Tgt Ion:136 Resp: 7074
Ion Ratio Lower Upper
136 100
137 13.0 10.2 15.2
54 7.9 6.1 9.1
68 8.1 6.4 9.6





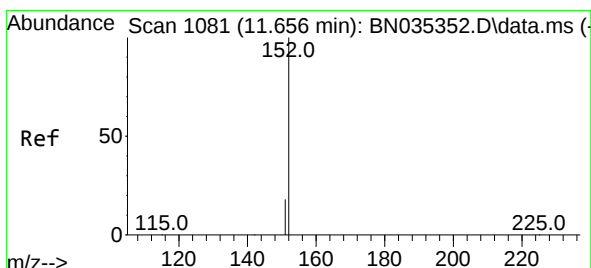
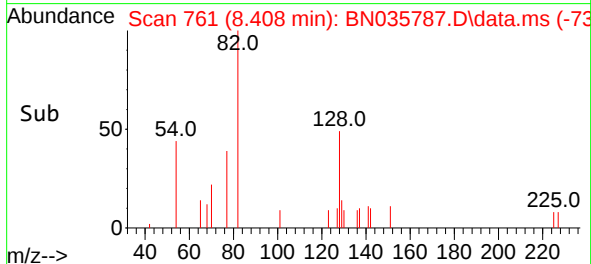
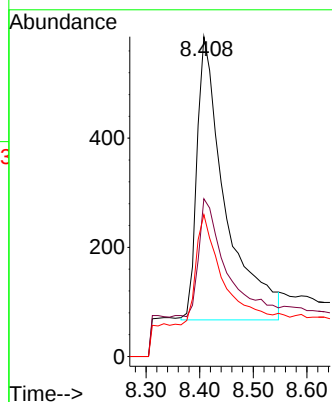
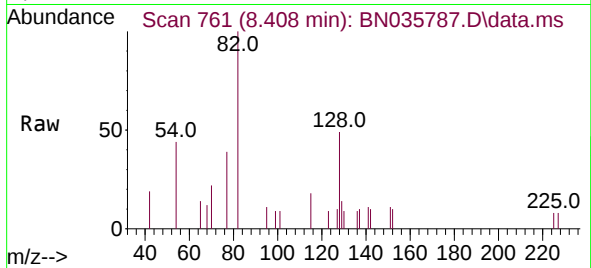
#8
Nitrobenzene-d5
Concen: 0.442 ng m
RT: 8.408 min Scan# 70
Delta R.T. 0.000 min
Lab File: BN035787.D
Acq: 23 Dec 2024 16:52

Instrument :
BNA_N
ClientSampleId :
RE132D6-20241217

Tgt Ion: 82 Resp: 1908
Ion Ratio Lower Upper
82 100
128 49.3 33.4 50.0
54 44.4 36.7 55.1

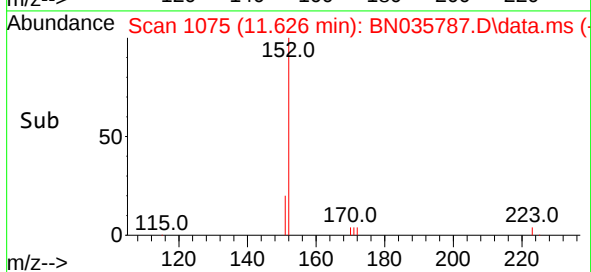
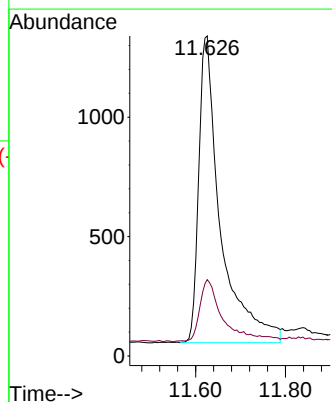
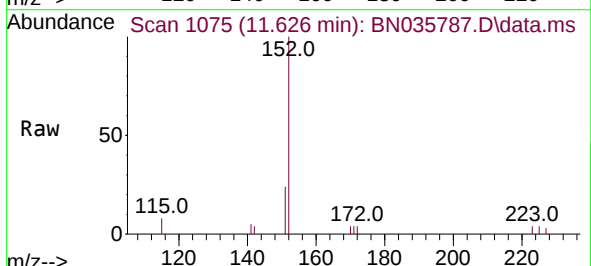
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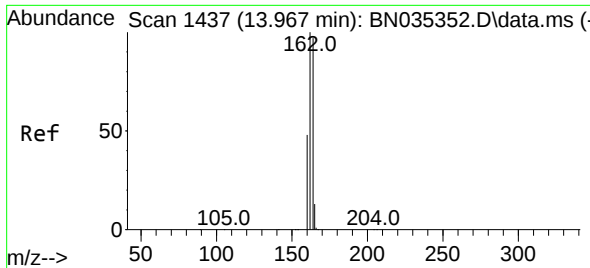
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 11.626 min Scan# 1075
Delta R.T. 0.005 min
Lab File: BN035787.D
Acq: 23 Dec 2024 16:52

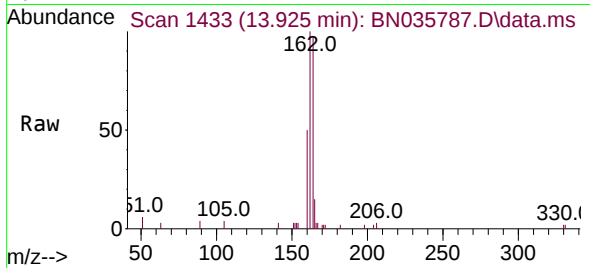
Tgt Ion:152 Resp: 4312
Ion Ratio Lower Upper
152 100
151 21.8 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035787.D
Acq: 23 Dec 2024 16:52

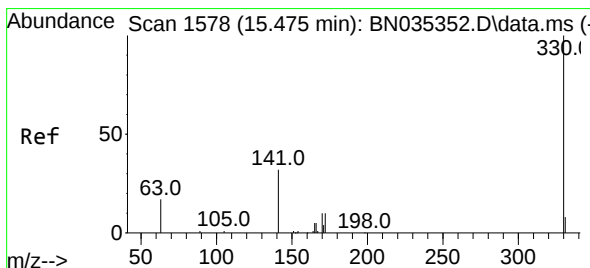
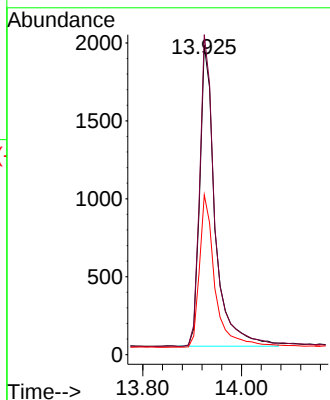
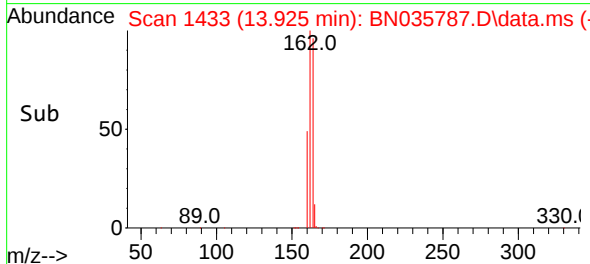
Instrument :
BNA_N
ClientSampleId :
RE132D6-20241217



Tgt Ion:164 Resp: 4189
Ion Ratio Lower Upper
164 100
162 103.5 82.2 123.2
160 51.7 40.1 60.1

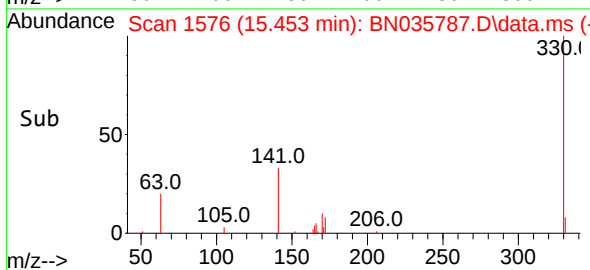
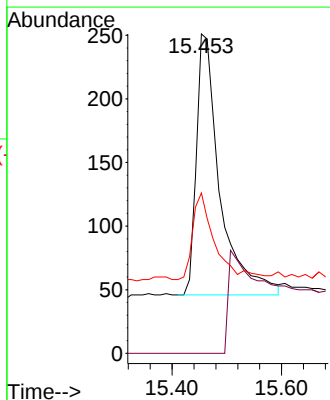
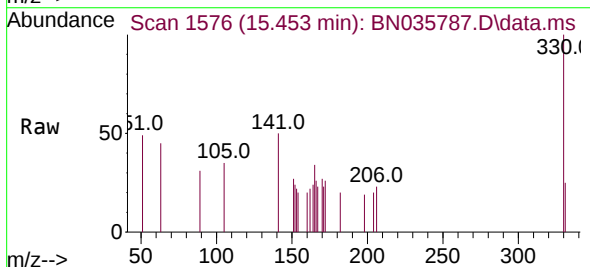
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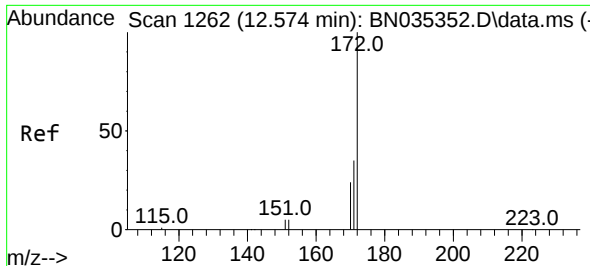
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#14
2,4,6-Tribromophenol
Concen: 0.216 ng
RT: 15.453 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BN035787.D
Acq: 23 Dec 2024 16:52

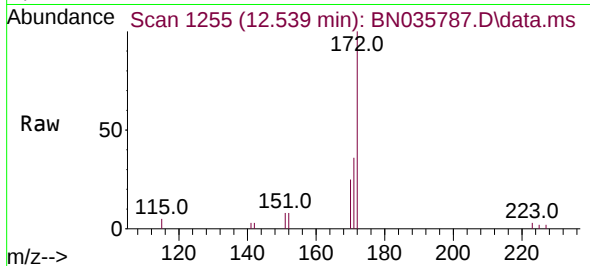
Tgt Ion:330 Resp: 641
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.0 26.6 40.0





#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 12.539 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN035787.D
Acq: 23 Dec 2024 16:52

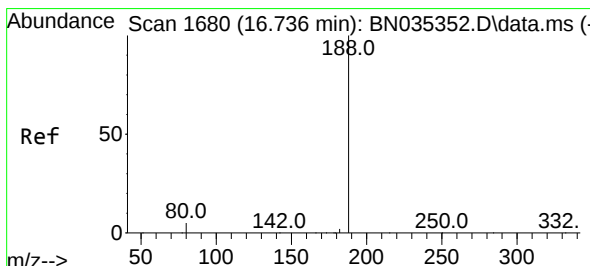
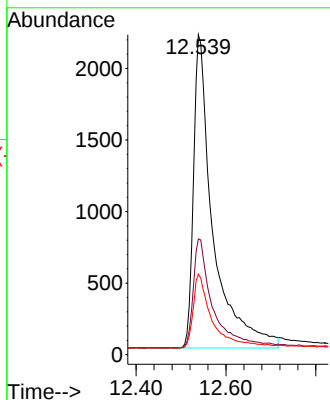
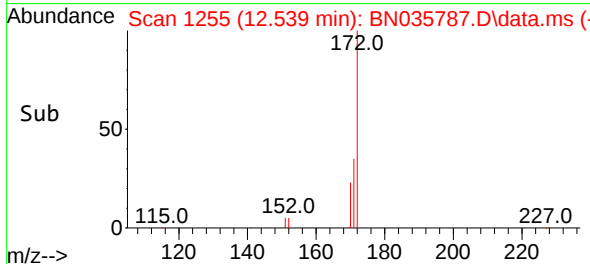
Instrument :
BNA_N
ClientSampleId :
RE132D6-20241217



Tgt Ion:172 Resp: 657
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 25.2 19.8 29.8

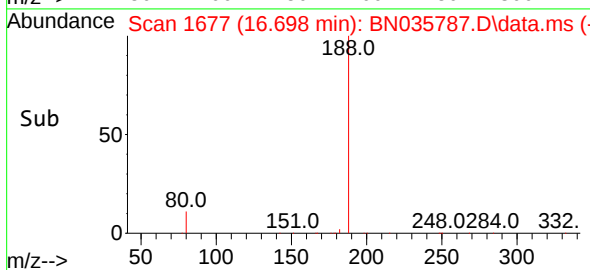
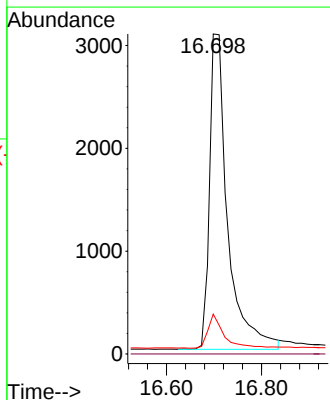
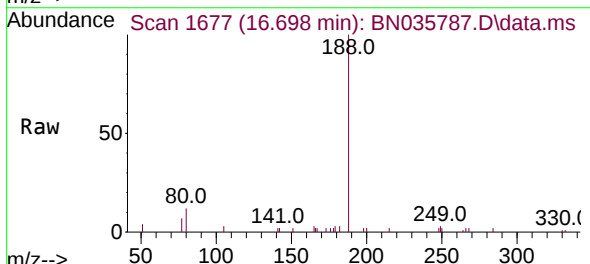
Manual Integrations
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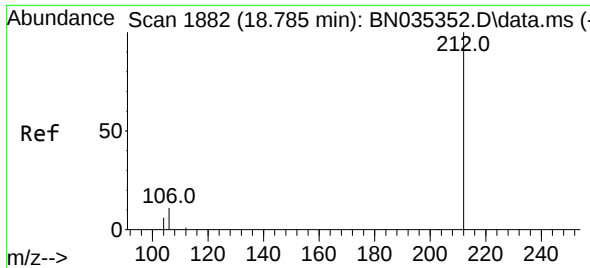
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BN035787.D
Acq: 23 Dec 2024 16:52

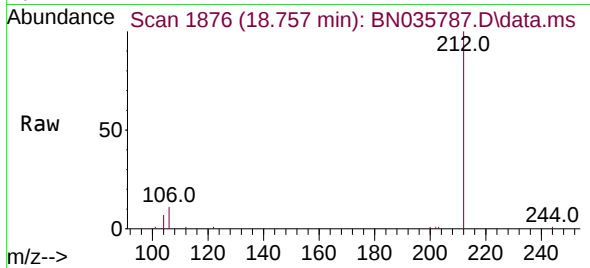
Tgt Ion:188 Resp: 8152
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 4.6 6.8





#27
Fluoranthene-d10
Concen: 0.504 ng
RT: 18.757 min Scan# 1163
Delta R.T. -0.005 min
Lab File: BN035787.D
Acq: 23 Dec 2024 16:52

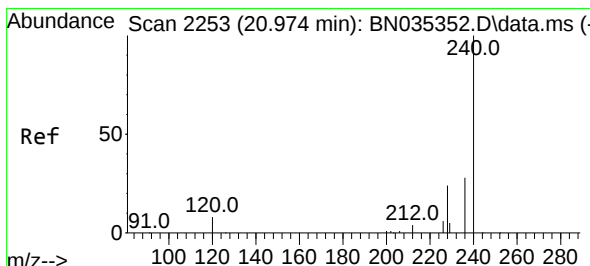
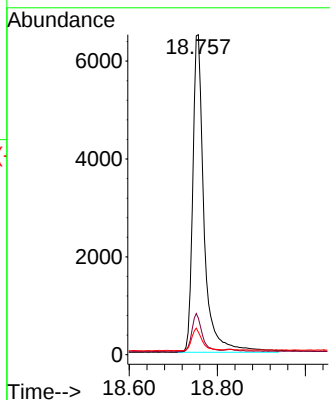
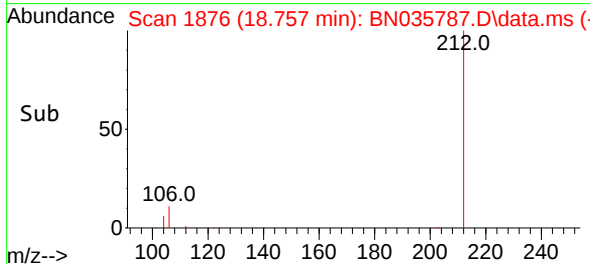
Instrument :
BNA_N
ClientSampleId :
RE132D6-20241217



Tgt Ion:212 Resp: 1163
Ion Ratio Lower Upper
212 100
106 10.9 9.2 13.8
104 6.4 5.3 7.9

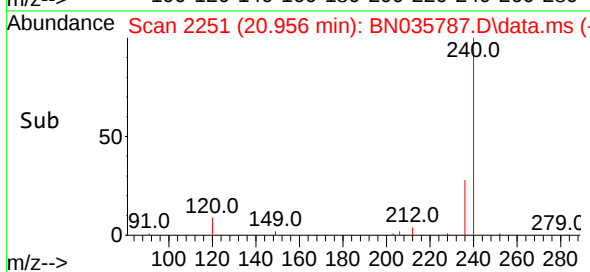
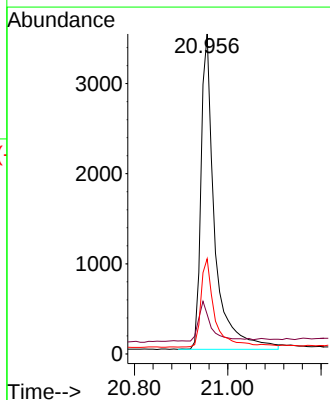
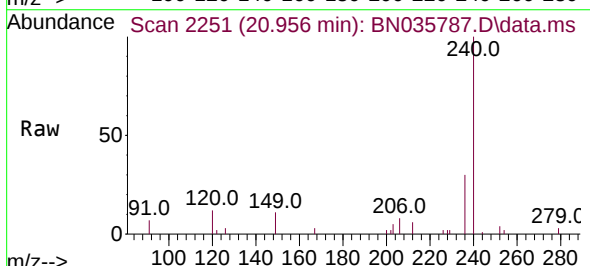
Manual Integrations
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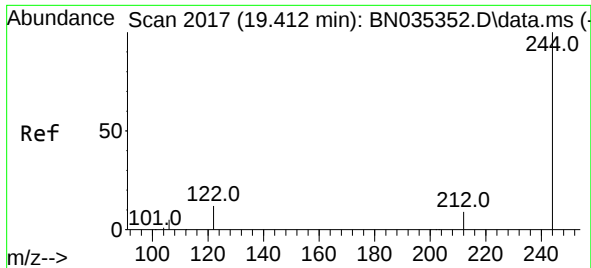
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BN035787.D
Acq: 23 Dec 2024 16:52

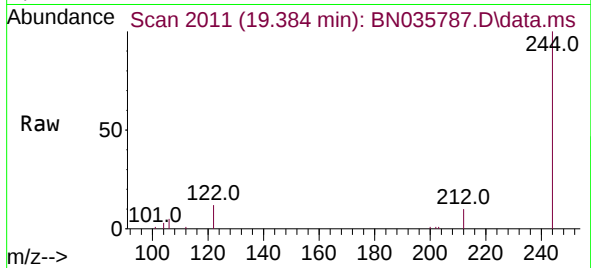
Tgt Ion:240 Resp: 7140
Ion Ratio Lower Upper
240 100
120 12.3 7.9 11.9#
236 29.7 22.9 34.3





#31
 Terphenyl-d14
 Concen: 0.702 ng
 RT: 19.384 min Scan# 2017
 Delta R.T. -0.005 min
 Lab File: BN035787.D
 Acq: 23 Dec 2024 16:52

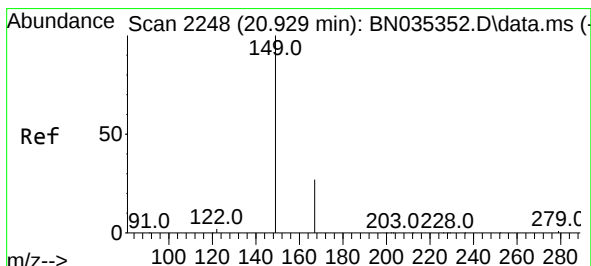
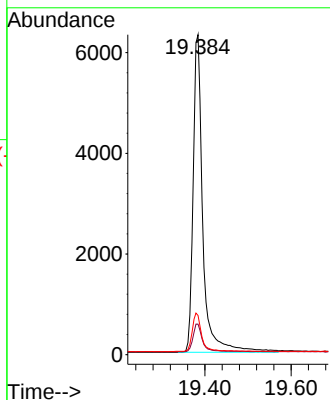
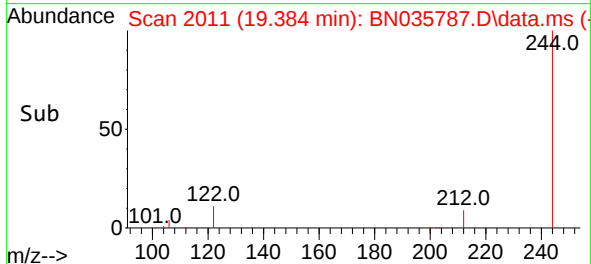
Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20241217



Tgt Ion:244 Resp: 988
 Ion Ratio Lower Upper
 244 100
 212 9.5 8.1 12.1
 122 12.2 10.3 15.5

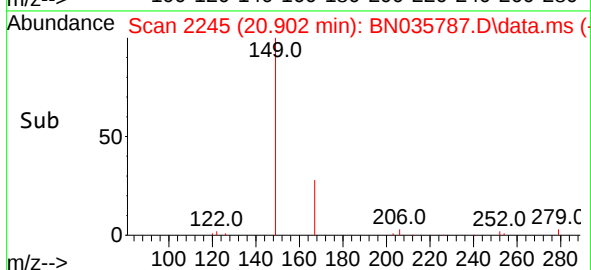
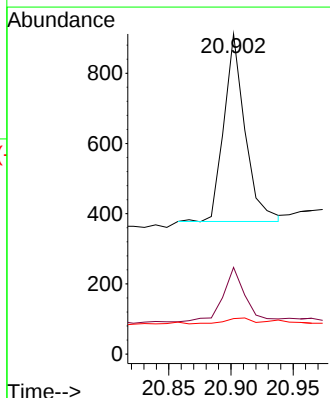
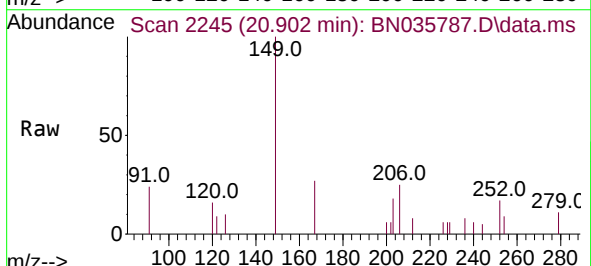
Manual Integrations
 APPROVED

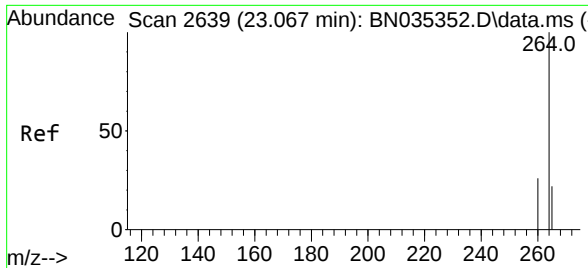
Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.064 ng
 RT: 20.902 min Scan# 2245
 Delta R.T. -0.009 min
 Lab File: BN035787.D
 Acq: 23 Dec 2024 16:52

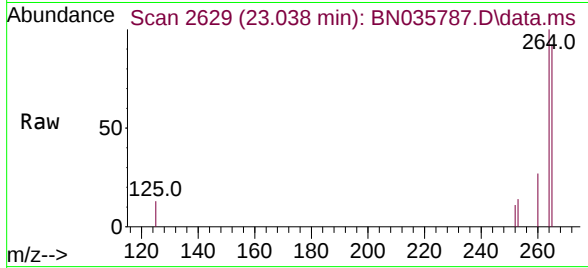
Tgt Ion:149 Resp: 630
 Ion Ratio Lower Upper
 149 100
 167 30.6 22.2 33.4
 279 4.4 2.7 4.1#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.038 min Scan# 20
Delta R.T. -0.003 min
Lab File: BN035787.D
Acq: 23 Dec 2024 16:52

Instrument :
BNA_N
ClientSampleId :
RE132D6-20241217



Tgt Ion:264 Resp: 7410
Ion Ratio Lower Upper
264 100
260 27.5 21.4 32.2
265 92.5 40.2 60.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

