

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035786.D
 Acq On : 23 Dec 2024 16:17
 Operator : RC/JU
 Sample : P5314-04
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB190A-HYD-20241217

Quant Time: Dec 23 17:12:25 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	4132	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	10947	0.400	ng	#-0.01
13) Acenaphthene-d10	13.925	164	6411	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	11585	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7747	0.400	ng	# 0.00
35) Perylene-d12	23.035	264	5708	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	87	0.008	ng	0.00
5) Phenol-d6	6.499	99	29	0.002	ng	0.00
8) Nitrobenzene-d5	8.397	82	2793m	0.418	ng	-0.01
11) 2-Methylnaphthalene-d10	11.616	152	2304	0.134	ng	0.00
14) 2,4,6-Tribromophenol	15.443	330	575	0.126	ng	-0.01
15) 2-Fluorobiphenyl	12.534	172	10360	0.427	ng	-0.01
27) Fluoranthene-d10	18.752	212	5607	0.171	ng	0.00
31) Terphenyl-d14	19.379	244	10391	0.680	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	20.902	149	1139	0.106	ng	99

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

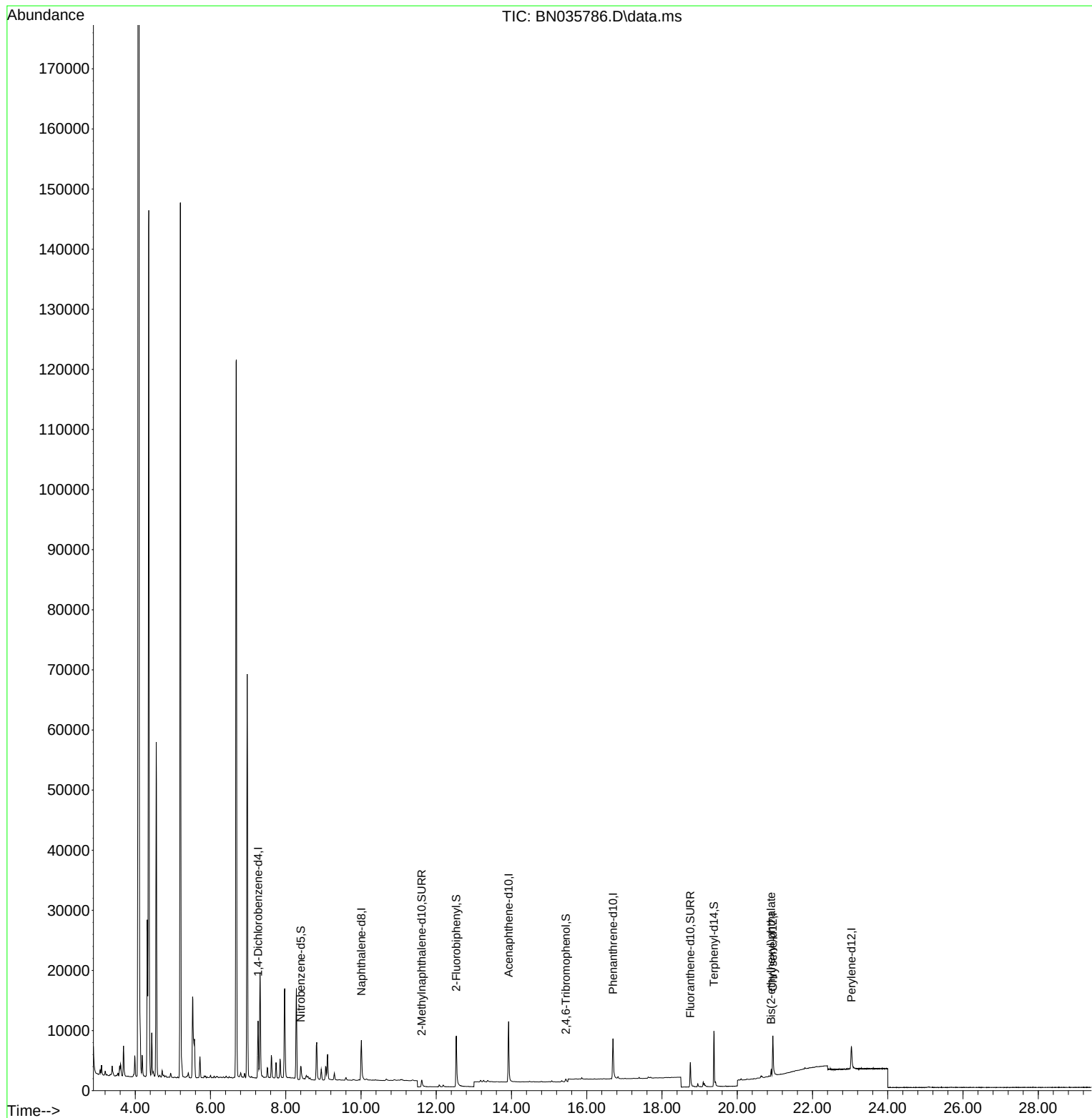
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035786.D
Acq On : 23 Dec 2024 16:17
Operator : RC/JU
Sample : P5314-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

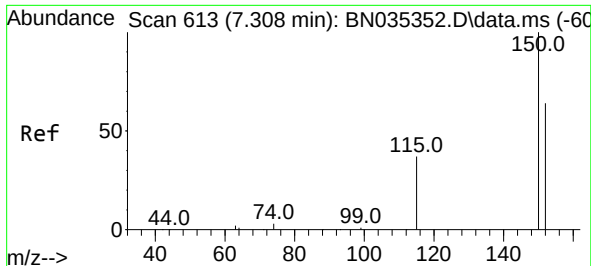
Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20241217

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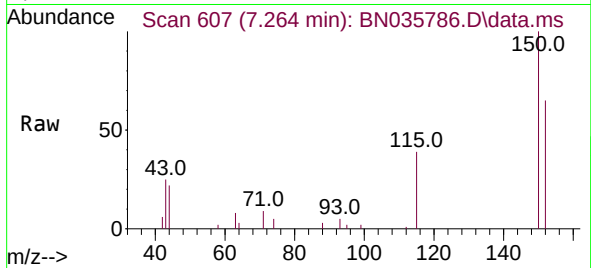
Quant Time: Dec 23 17:12:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 607
Delta R.T. -0.008 min
Lab File: BN035786.D
Acq: 23 Dec 2024 16:17

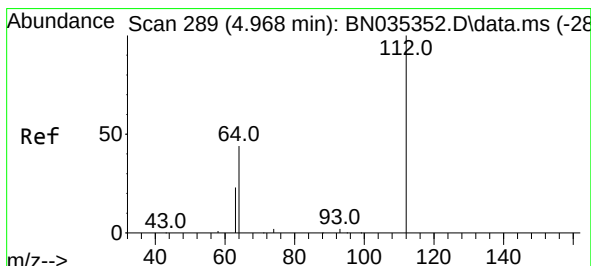
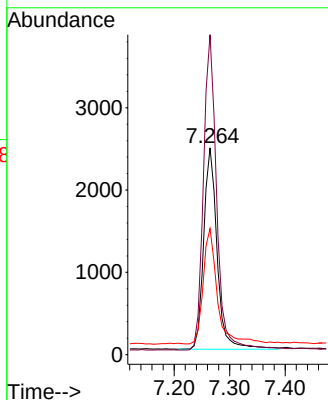
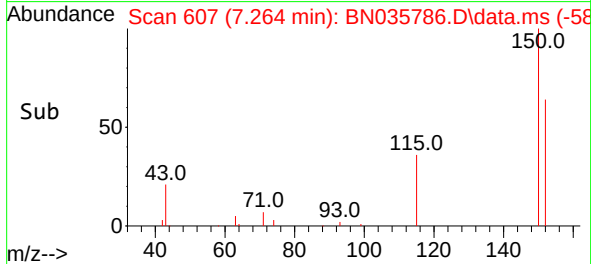
Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20241217



Tgt Ion:152 Resp: 413
Ion Ratio Lower Upper
152 100
150 154.7 124.0 186.0
115 60.9 49.6 74.4

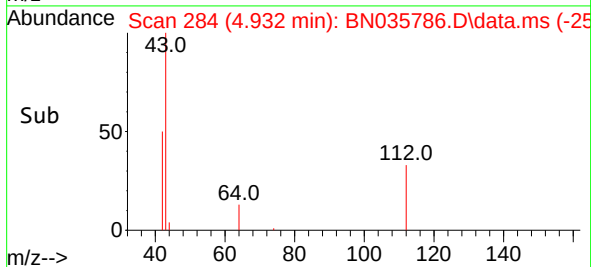
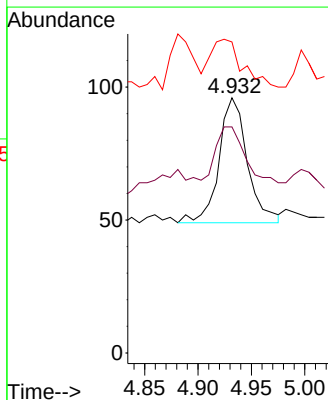
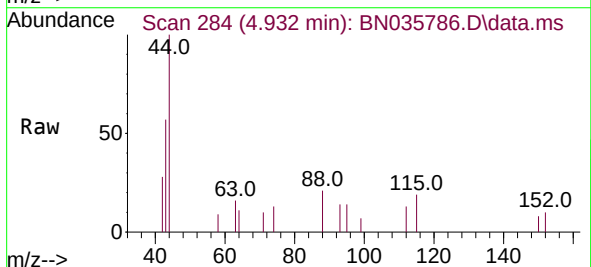
Manual Integrations
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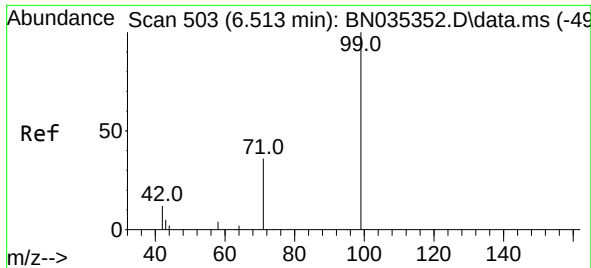
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#4
2-Fluorophenol
Concen: 0.008 ng
RT: 4.932 min Scan# 284
Delta R.T. -0.007 min
Lab File: BN035786.D
Acq: 23 Dec 2024 16:17

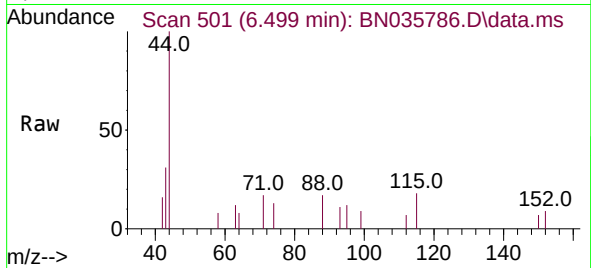
Tgt Ion:112 Resp: 87
Ion Ratio Lower Upper
112 100
64 44.8 39.8 59.8
63 59.8 21.0 31.6





#5
Phenol-d6
Concen: 0.002 ng
RT: 6.499 min Scan# 503
Delta R.T. 0.007 min
Lab File: BN035786.D
Acq: 23 Dec 2024 16:17

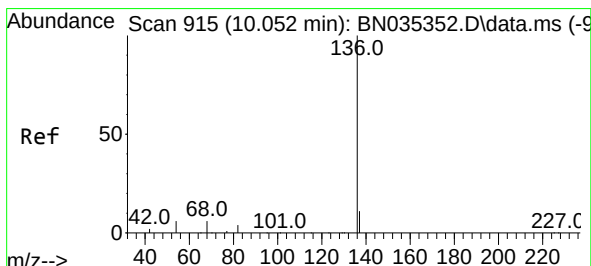
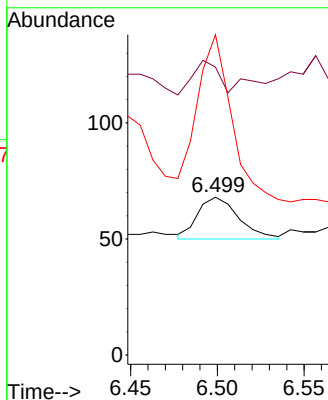
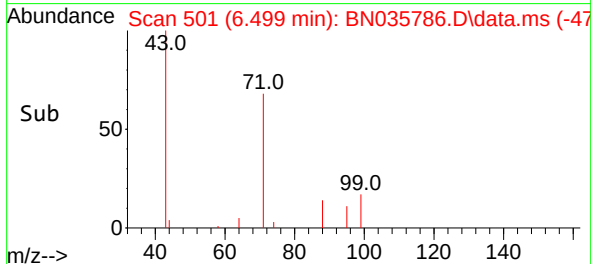
Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20241217



Tgt Ion: 99 Resp: 29
Ion Ratio Lower Upper
99 100
42 0.0 11.4 17.2
71 0.0 29.3 43.9

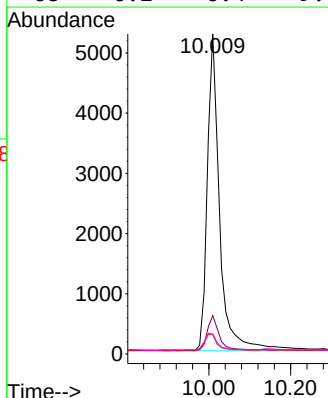
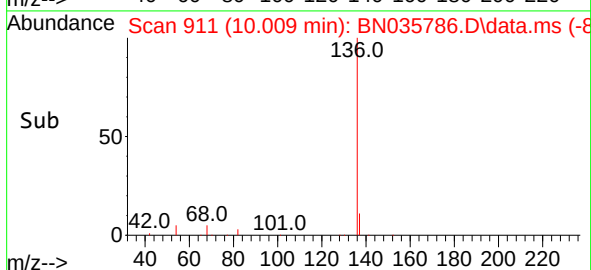
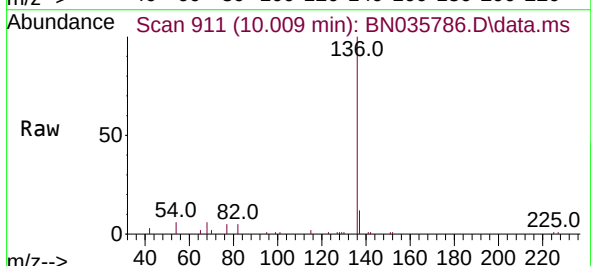
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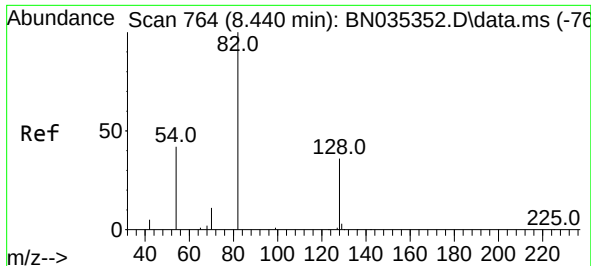
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035786.D
Acq: 23 Dec 2024 16:17

Tgt Ion:136 Resp: 10947
Ion Ratio Lower Upper
136 100
137 12.0 10.2 15.2
54 6.1 6.1 9.1#
68 6.2 6.4 9.6#





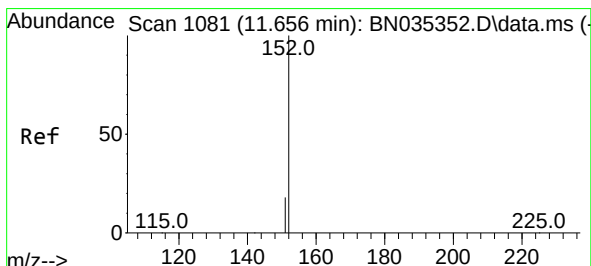
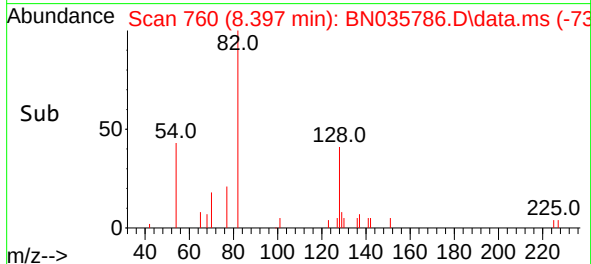
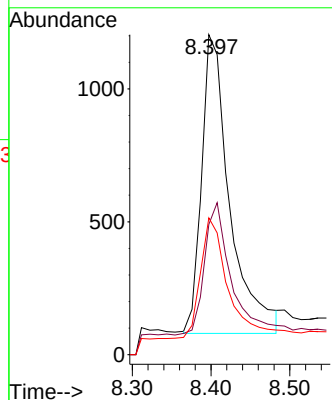
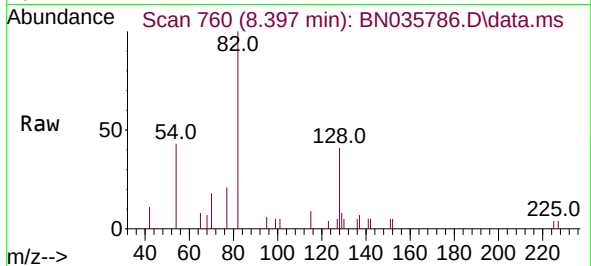
#8
Nitrobenzene-d5
Concen: 0.418 ng m
RT: 8.397 min Scan# 70
Delta R.T. -0.011 min
Lab File: BN035786.D
Acq: 23 Dec 2024 16:17

Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20241217

Tgt Ion: 82 Resp: 279
Ion Ratio Lower Upper
82 100
128 40.7 33.4 50.0
54 42.8 36.7 55.1

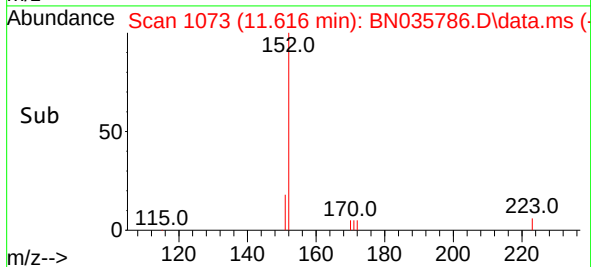
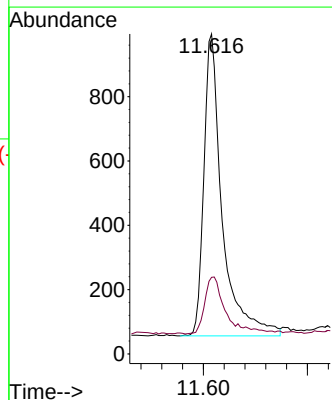
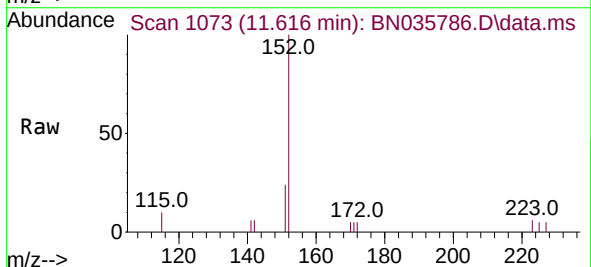
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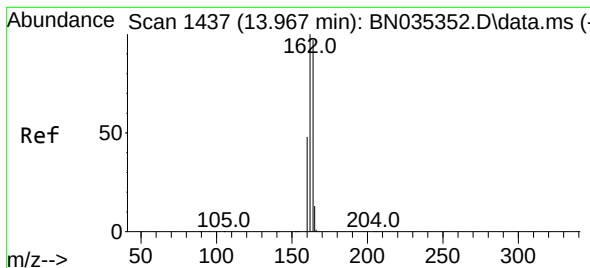
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#11
2-Methylnaphthalene-d10
Concen: 0.134 ng
RT: 11.616 min Scan# 1073
Delta R.T. -0.005 min
Lab File: BN035786.D
Acq: 23 Dec 2024 16:17

Tgt Ion:152 Resp: 2304
Ion Ratio Lower Upper
152 100
151 21.6 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: BN035786.D

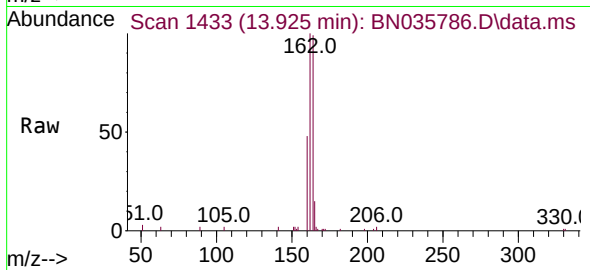
Acq: 23 Dec 2024 16:17

Instrument :

BNA_N

ClientSampleId :

VPB190A-HYD-20241217



Tgt Ion:164 Resp: 641

Ion Ratio Lower Upper

164 100

162 101.4 82.2 123.2

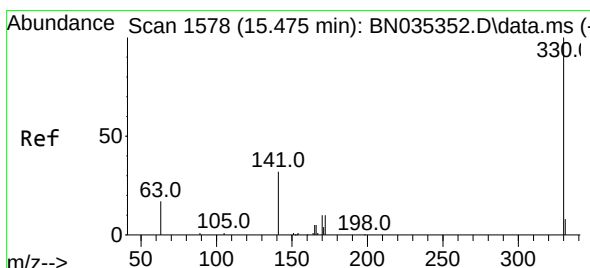
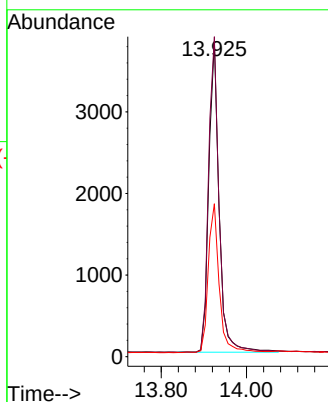
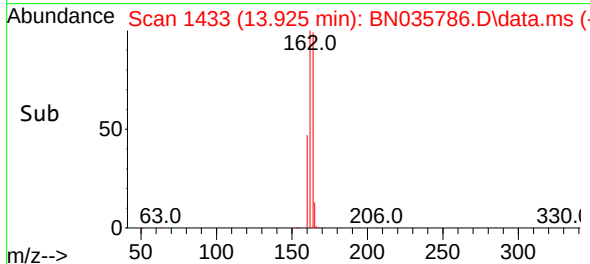
160 48.5 40.1 60.1

Manual Integrations

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Reviewed By :Yogesh Patel 12/24/2024

Supervised By :mohammad ahmed 12/26/2024



#14

2,4,6-Tribromophenol

Concen: 0.126 ng

RT: 15.443 min Scan# 1575

Delta R.T. -0.011 min

Lab File: BN035786.D

Acq: 23 Dec 2024 16:17

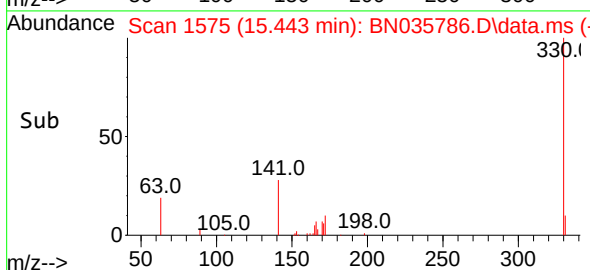
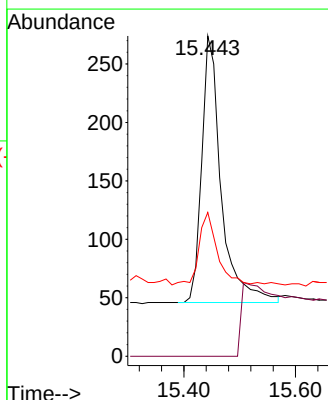
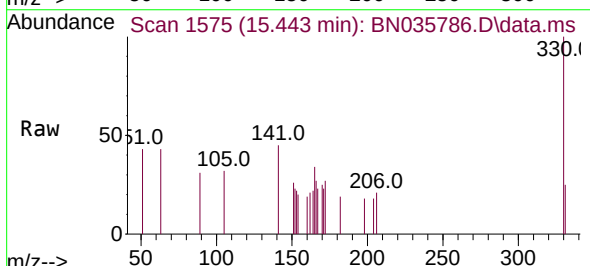
Tgt Ion:330 Resp: 575

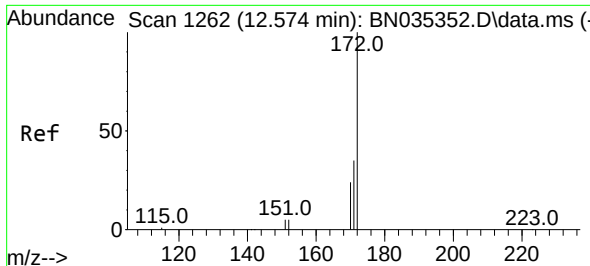
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

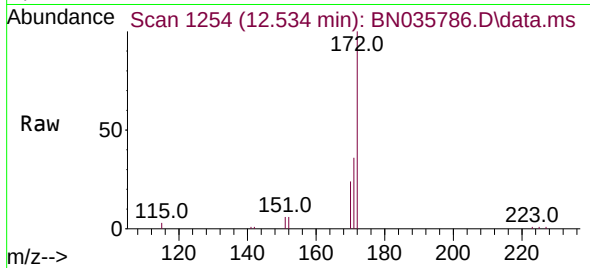
141 23.8 26.6 40.0#





#15
2-Fluorobiphenyl
Concen: 0.427 ng
RT: 12.534 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN035786.D
Acq: 23 Dec 2024 16:17

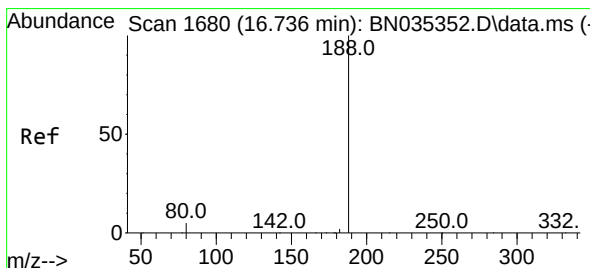
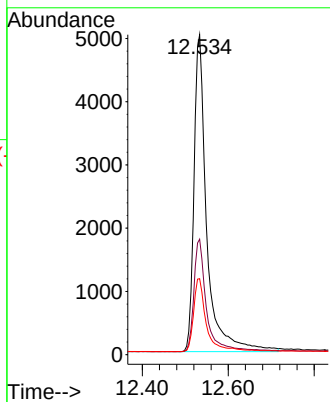
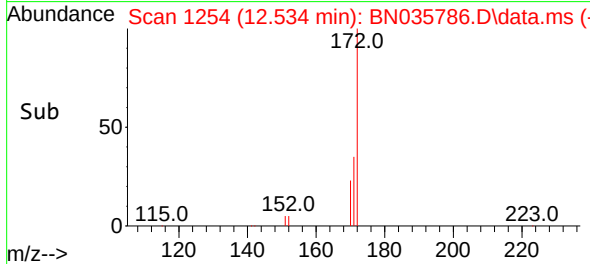
Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20241217



Tgt Ion:172 Resp: 10360
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 23.7 19.8 29.8

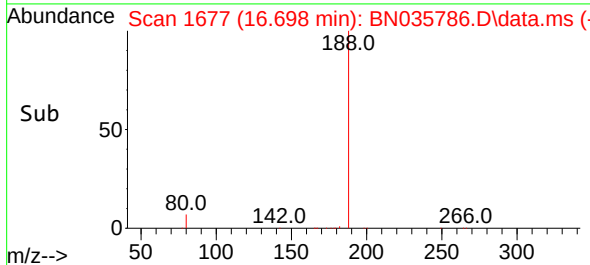
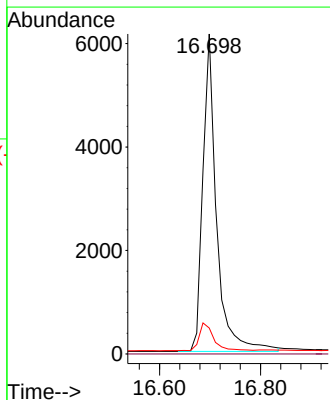
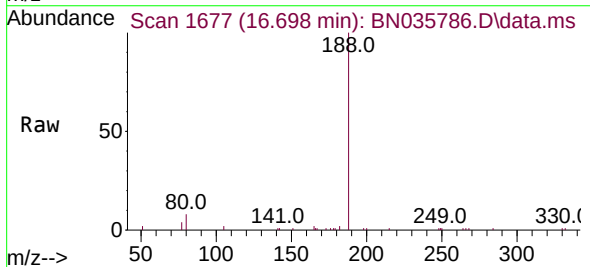
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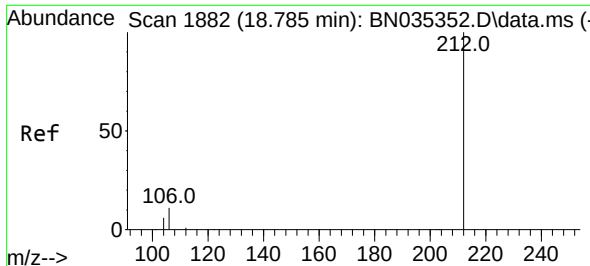
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035786.D
Acq: 23 Dec 2024 16:17

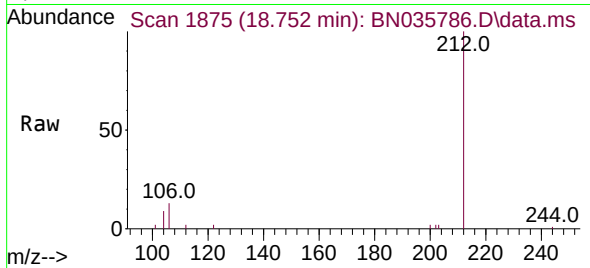
Tgt Ion:188 Resp: 11585
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 4.6 6.8





#27
Fluoranthene-d10
Concen: 0.171 ng
RT: 18.752 min Scan# 1875
Delta R.T. -0.009 min
Lab File: BN035786.D
Acq: 23 Dec 2024 16:17

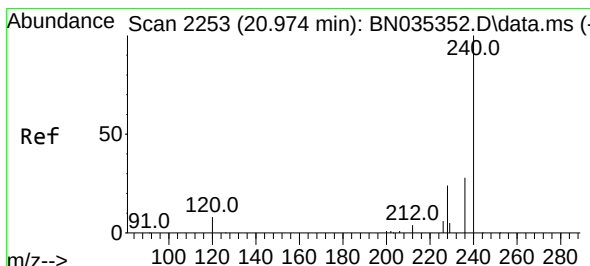
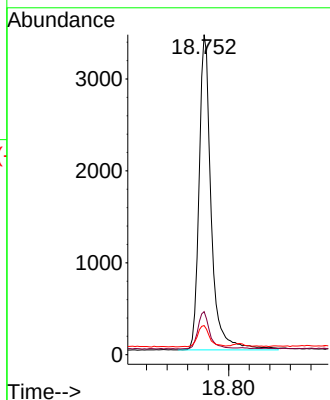
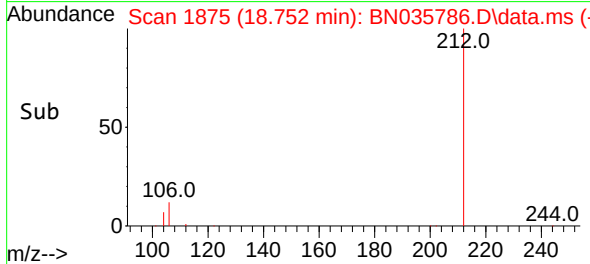
Instrument :
BNA_N
ClientSampleId :
VPB190A-HYD-20241217



Tgt Ion:212 Resp: 560
Ion Ratio Lower Upper
212 100
106 11.6 9.2 13.8
104 6.8 5.3 7.9

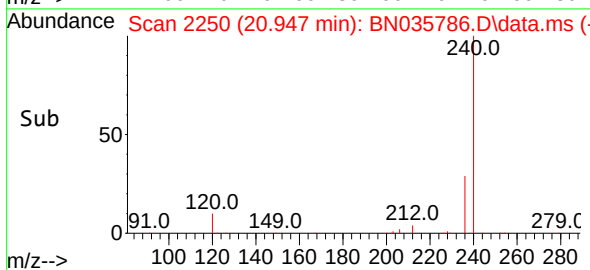
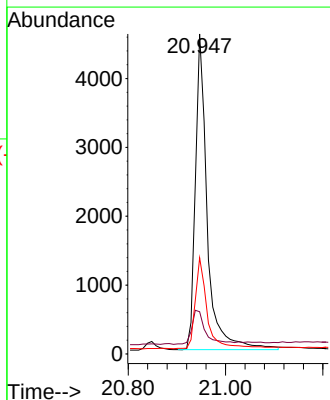
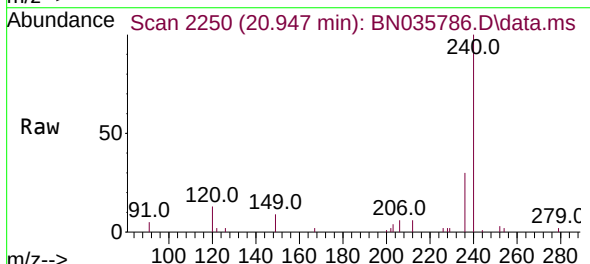
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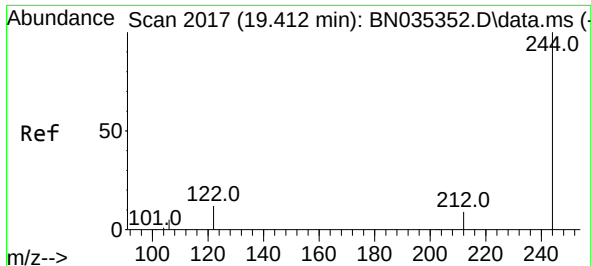
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035786.D
Acq: 23 Dec 2024 16:17

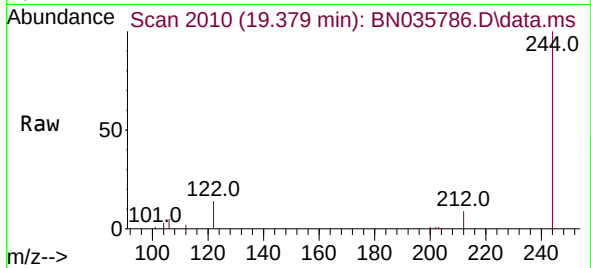
Tgt Ion:240 Resp: 7747
Ion Ratio Lower Upper
240 100
120 13.2 7.9 11.9#
236 30.0 22.9 34.3





#31
 Terphenyl-d14
 Concen: 0.680 ng
 RT: 19.379 min Scan# 2010
 Delta R.T. -0.009 min
 Lab File: BN035786.D
 Acq: 23 Dec 2024 16:17

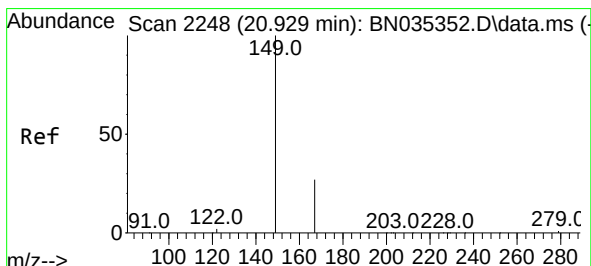
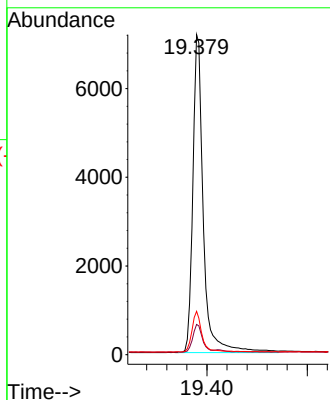
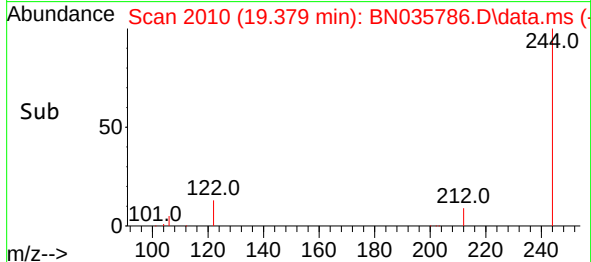
Instrument :
 BNA_N
 ClientSampleId :
 VPB190A-HYD-20241217



Tgt Ion:244 Resp: 1039
 Ion Ratio Lower Upper
 244 100
 212 9.5 8.1 12.1
 122 13.6 10.3 15.5

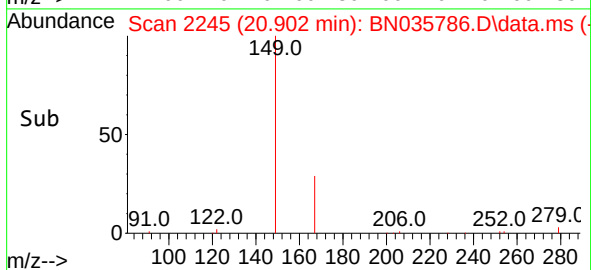
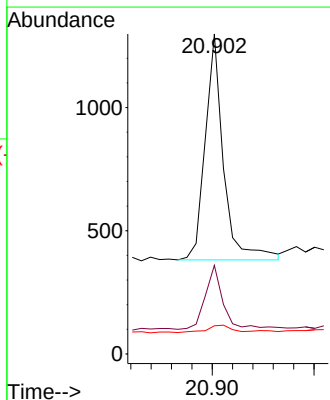
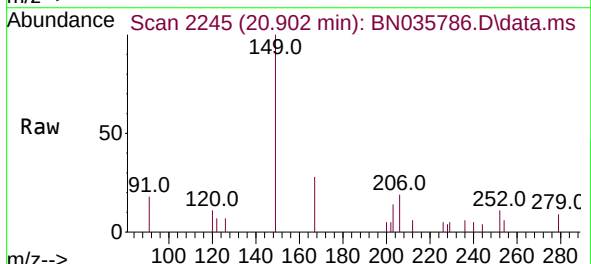
Manual Integrations
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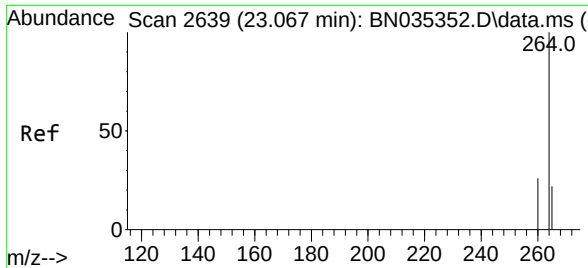
Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.106 ng
 RT: 20.902 min Scan# 2245
 Delta R.T. -0.009 min
 Lab File: BN035786.D
 Acq: 23 Dec 2024 16:17

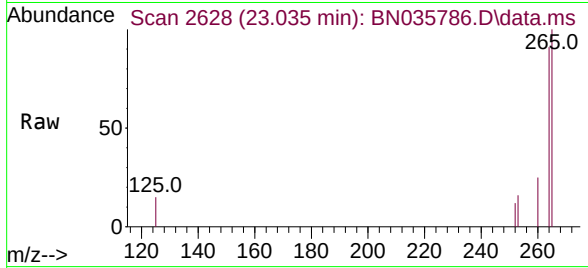
Tgt Ion:149 Resp: 1139
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.2 33.4
 279 3.6 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.035 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BN035786.D
 Acq: 23 Dec 2024 16:17

Instrument :
 BNA_N
 ClientSampleId :
 VPB190A-HYD-20241217



Tgt Ion:264 Resp: 5708
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.4 32.2
 265 110.0 40.2 60.4

Manual Integrations
 APPROVED

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

