

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
 Data File : BN035855.D
 Acq On : 26 Dec 2024 16:06
 Operator : RC/JU
 Sample : P5317-21DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20241217DL

Quant Time: Dec 27 00:41:43 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 12/27/2024
 Supervised By :mohammad ahmed 12/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.257	152	2113	0.400	ng	-0.01
7) Naphthalene-d8	10.009	136	4648	0.400	ng	#-0.01
13) Acenaphthene-d10	13.925	164	3235	0.400	ng	-0.01
19) Phenanthrene-d10	16.711	188	6850	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	5245	0.400	ng	# 0.00
35) Perylene-d12	23.035	264	4953	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	196	0.037	ng	-0.01
5) Phenol-d6	6.492	99	68	0.011	ng	0.00
8) Nitrobenzene-d5	8.429	82	295m	0.104	ng	0.02
11) 2-Methylnaphthalene-d10	11.646	152	643	0.088	ng	0.03
14) 2,4,6-Tribromophenol	15.464	330	134	0.058	ng	0.01
15) 2-Fluorobiphenyl	12.564	172	1103	0.090	ng	0.02
27) Fluoranthene-d10	18.757	212	2307	0.119	ng	0.00
31) Terphenyl-d14	19.384	244	1838	0.178	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	3960	1.960	ng	99
34) Bis(2-ethylhexyl)phtha...	20.902	149	241	0.033	ng	# 90

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

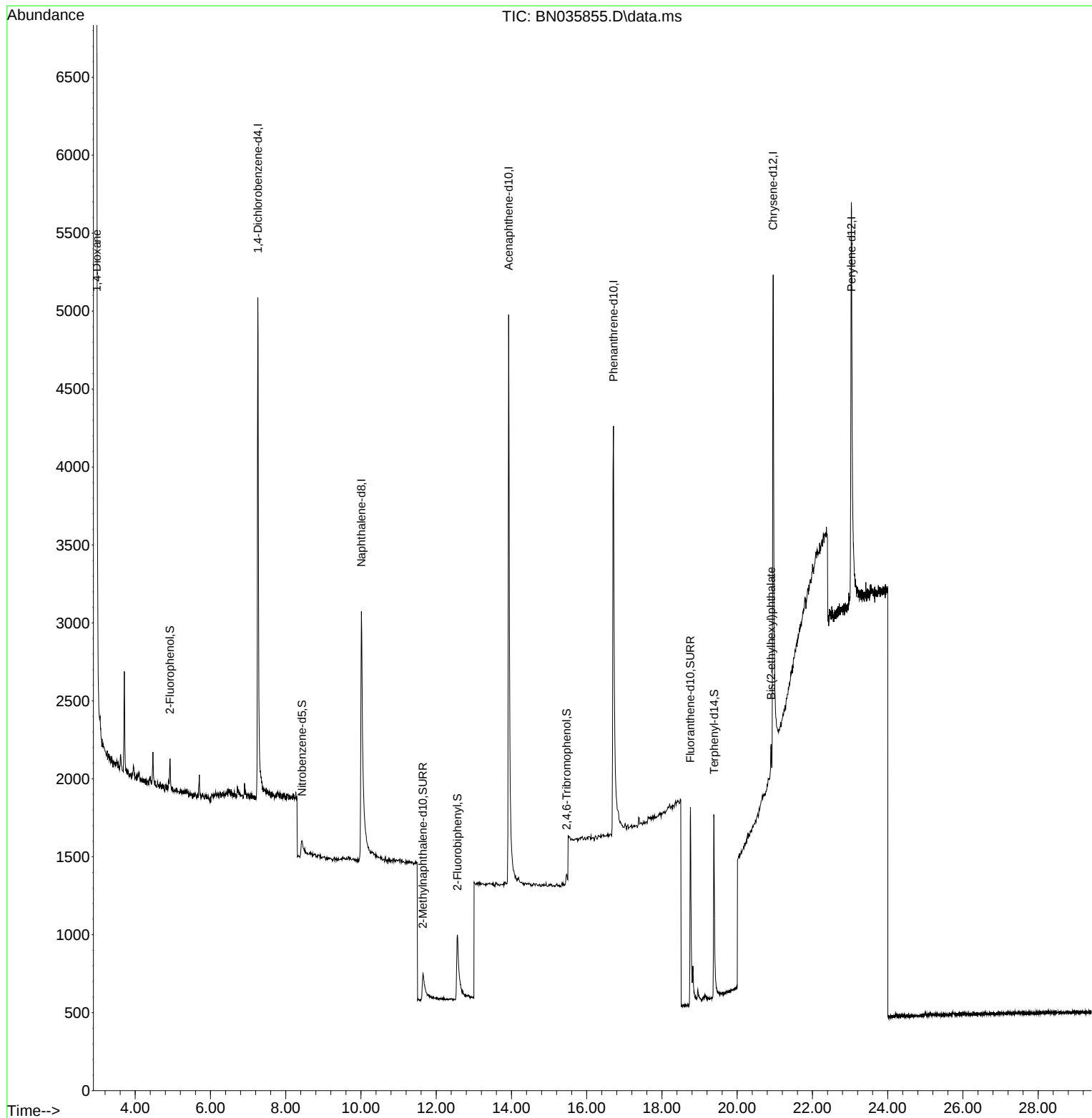
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
Data File : BN035855.D
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Quant Time: Dec 27 00:41:43 2024
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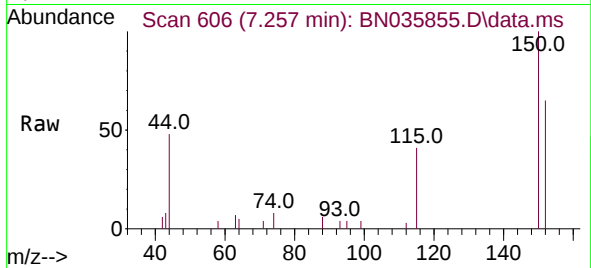
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/30/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.257 min Scan# 60
Delta R.T. -0.015 min
Lab File: BN035855.D
Acq: 26 Dec 2024 16:06

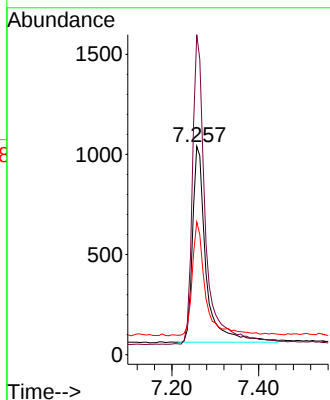
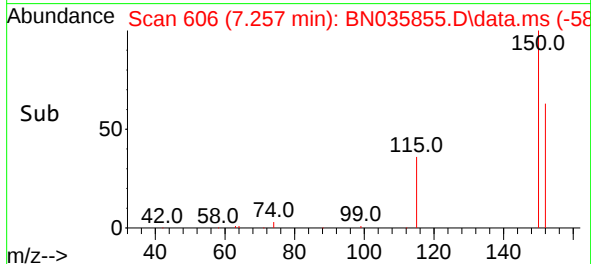
Instrument :
BNA_N
ClientSampleId :
RE132D6-20241217DL



Tgt Ion:152 Resp: 211
Ion Ratio Lower Upper
152 100
150 153.7 124.0 186.0
115 63.8 49.6 74.4

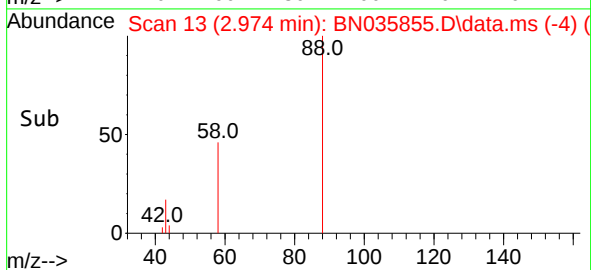
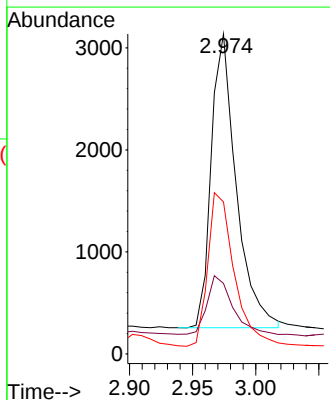
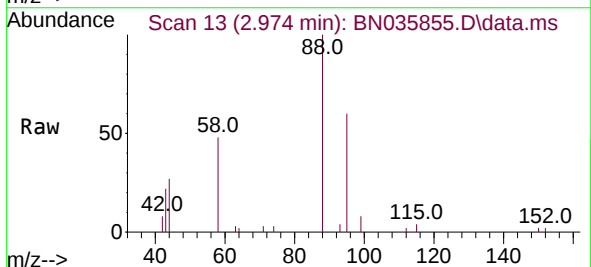
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#2
1,4-Dioxane
Concen: 1.960 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.008 min
Lab File: BN035855.D
Acq: 26 Dec 2024 16:06

Tgt Ion: 88 Resp: 3960
Ion Ratio Lower Upper
88 100
43 20.2 17.2 25.8
58 55.3 44.5 66.7





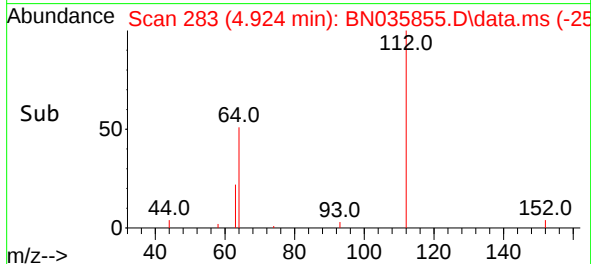
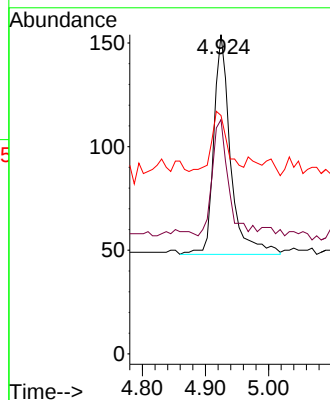
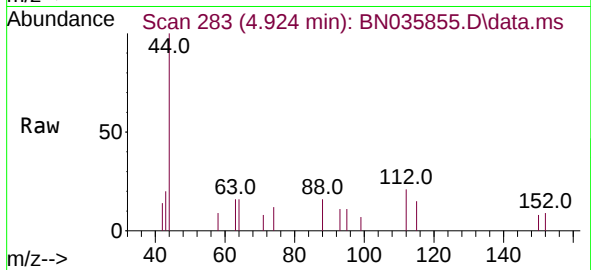
#4
2-Fluorophenol
Concen: 0.037 ng
RT: 4.924 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN035855.D
Acq: 26 Dec 2024 16:06

Instrument :
BNA_N
ClientSampleId :
RE132D6-20241217DL

Tgt Ion:112 Resp: 190
Ion Ratio Lower Upper
112 100
64 51.0 39.8 59.8
63 32.1 21.0 31.6

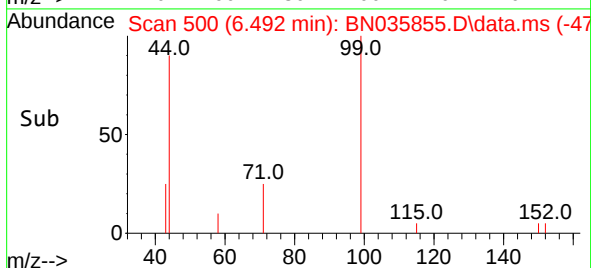
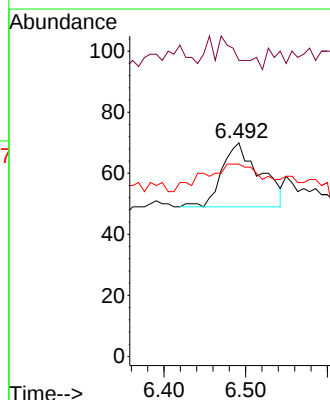
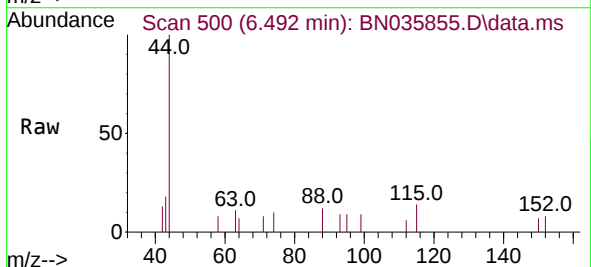
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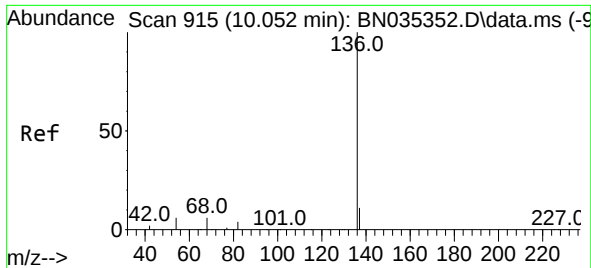
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#5
Phenol-d6
Concen: 0.011 ng
RT: 6.492 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035855.D
Acq: 26 Dec 2024 16:06

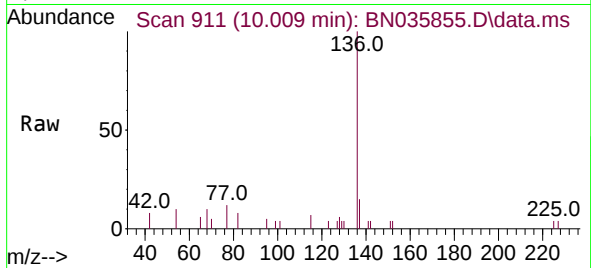
Tgt Ion: 99 Resp: 68
Ion Ratio Lower Upper
99 100
42 0.0 11.4 17.2#
71 0.0 29.3 43.9#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035855.D
Acq: 26 Dec 2024 16:06

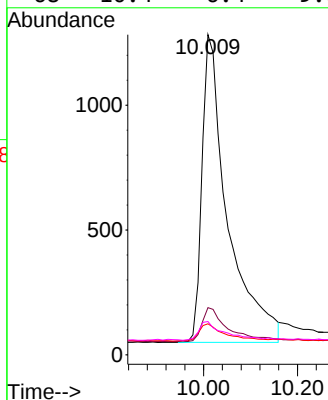
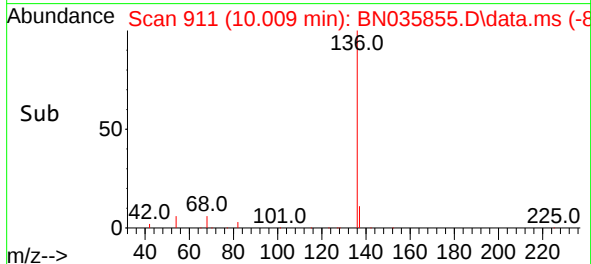
Instrument :
BNA_N
ClientSampleId :
RE132D6-20241217DL



Tgt Ion:136 Resp: 464
Ion Ratio Lower Upper
136 100
137 14.7 10.2 15.2
54 9.7 6.1 9.1
68 10.4 6.4 9.6#

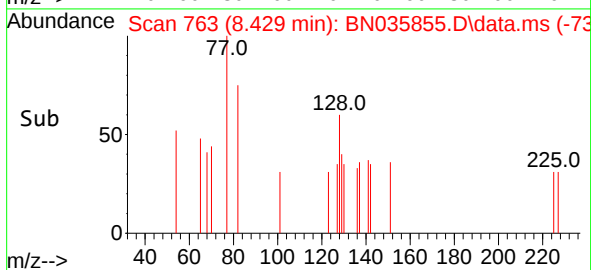
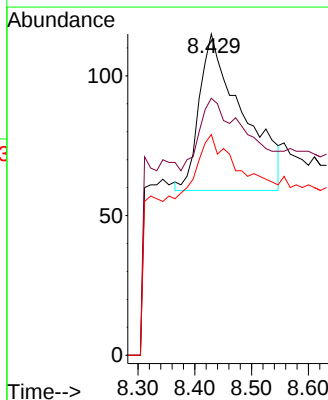
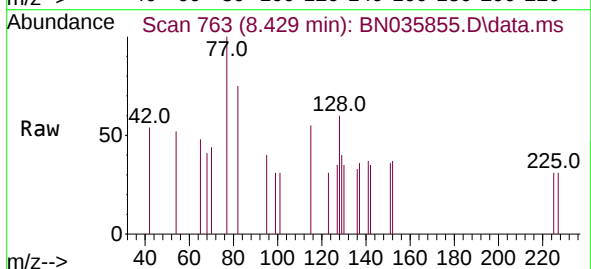
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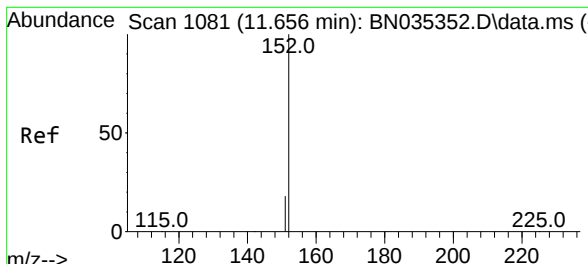
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#8
Nitrobenzene-d5
Concen: 0.104 ng m
RT: 8.429 min Scan# 763
Delta R.T. 0.021 min
Lab File: BN035855.D
Acq: 26 Dec 2024 16:06

Tgt Ion: 82 Resp: 295
Ion Ratio Lower Upper
82 100
128 80.0 33.4 50.0#
54 68.7 36.7 55.1#





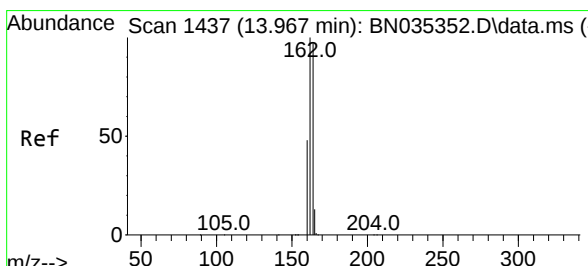
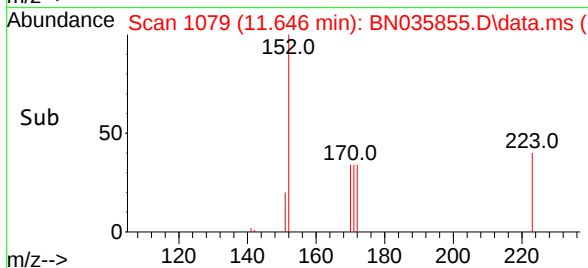
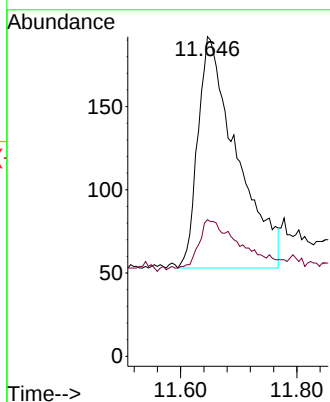
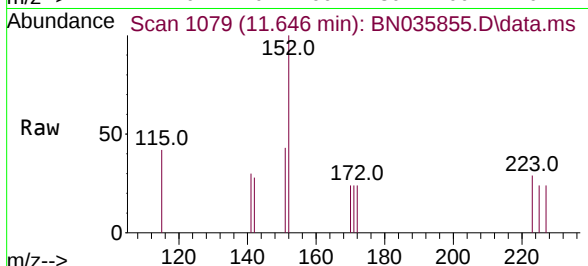
#11
 2-Methylnaphthalene-d10
 Concen: 0.088 ng
 RT: 11.646 min Scan# 1079
 Delta R.T. 0.025 min
 Lab File: BN035855.D
 Acq: 26 Dec 2024 16:06

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20241217DL

Tgt Ion:152 Resp: 64
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.6 25.0

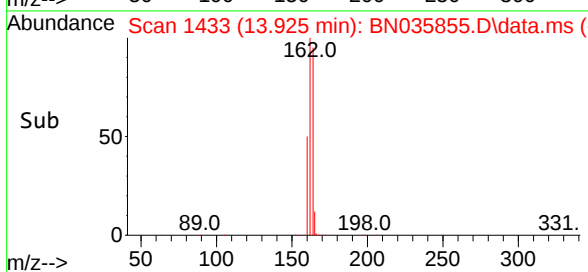
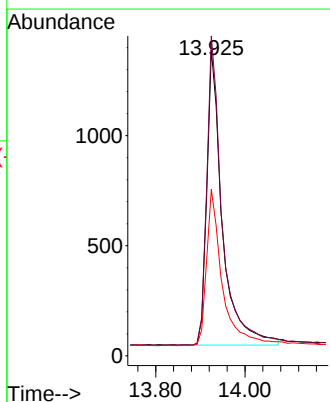
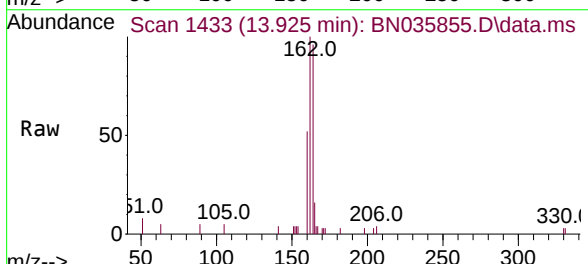
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#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 13.925 min Scan# 1433
 Delta R.T. -0.011 min
 Lab File: BN035855.D
 Acq: 26 Dec 2024 16:06

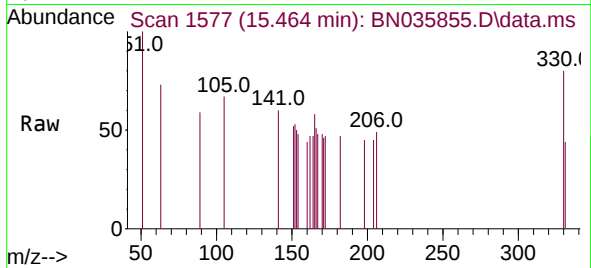
Tgt Ion:164 Resp: 3235
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.2 123.2
 160 54.4 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.058 ng
RT: 15.464 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN035855.D
Acq: 26 Dec 2024 16:06

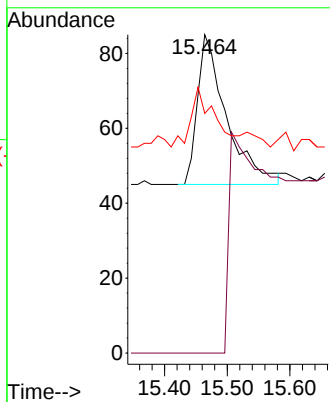
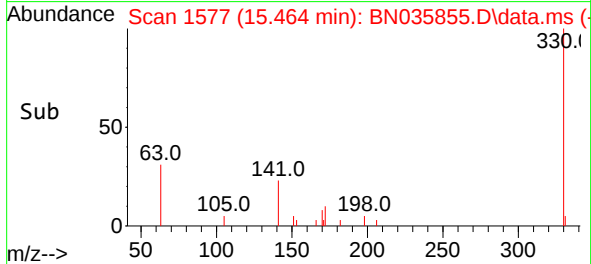
Instrument :
BNA_N
ClientSampleId :
RE132D6-20241217DL



Tgt Ion:330 Resp: 134
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.3 26.6 40.0

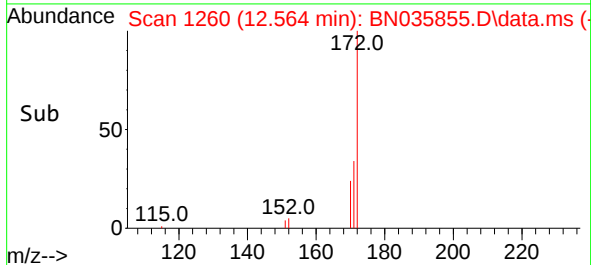
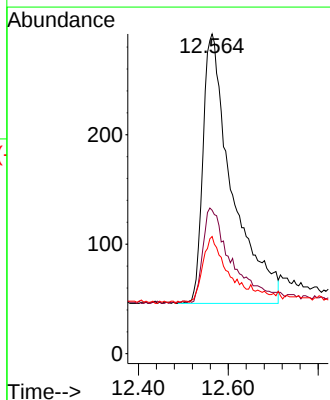
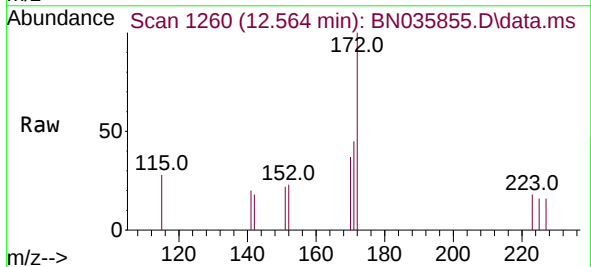
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#15
2-Fluorobiphenyl
Concen: 0.090 ng
RT: 12.564 min Scan# 1260
Delta R.T. 0.020 min
Lab File: BN035855.D
Acq: 26 Dec 2024 16:06

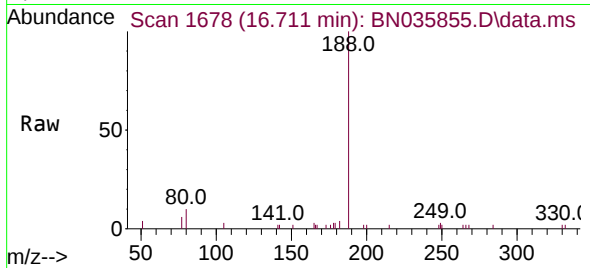
Tgt Ion:172 Resp: 1103
Ion Ratio Lower Upper
172 100
171 44.9 29.0 43.4#
170 36.6 19.8 29.8#





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.711 min Scan# 10
Delta R.T. 0.012 min
Lab File: BN035855.D
Acq: 26 Dec 2024 16:06

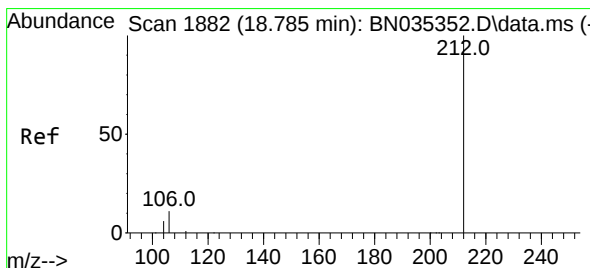
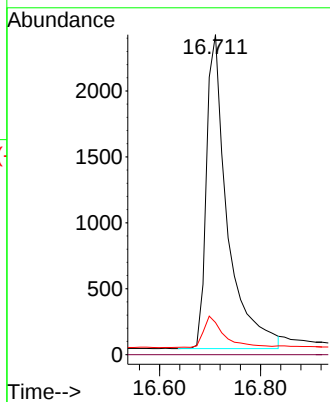
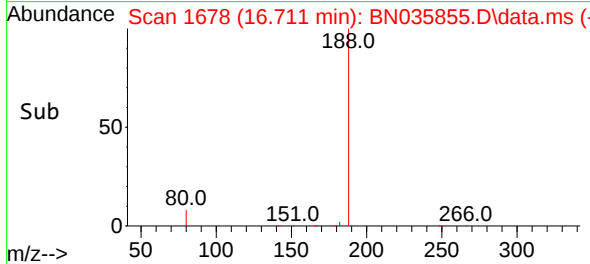
Instrument :
BNA_N
ClientSampleId :
RE132D6-20241217DL



Tgt Ion:188 Resp: 6850
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 4.6 6.8

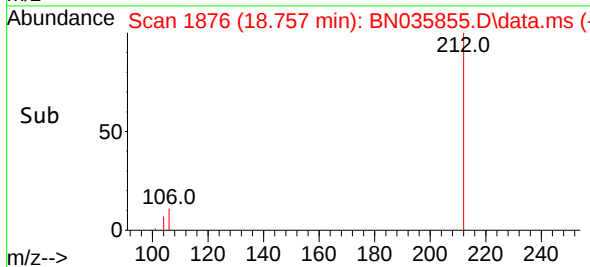
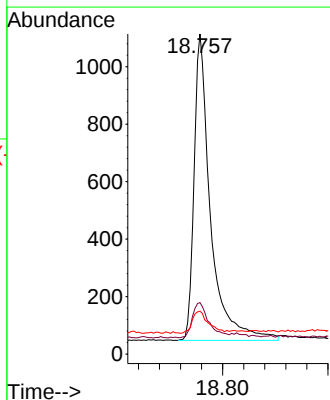
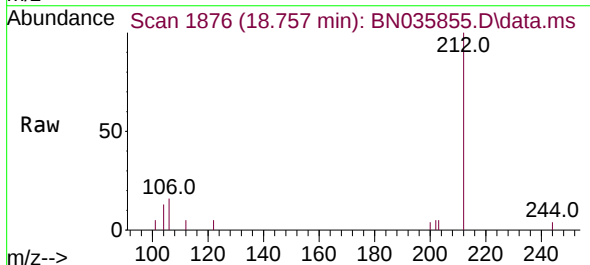
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#27
Fluoranthene-d10
Concen: 0.119 ng
RT: 18.757 min Scan# 1876
Delta R.T. -0.005 min
Lab File: BN035855.D
Acq: 26 Dec 2024 16:06

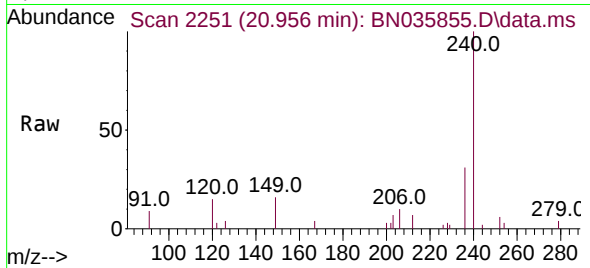
Tgt Ion:212 Resp: 2307
Ion Ratio Lower Upper
212 100
106 11.5 9.2 13.8
104 7.2 5.3 7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035855.D
Acq: 26 Dec 2024 16:06

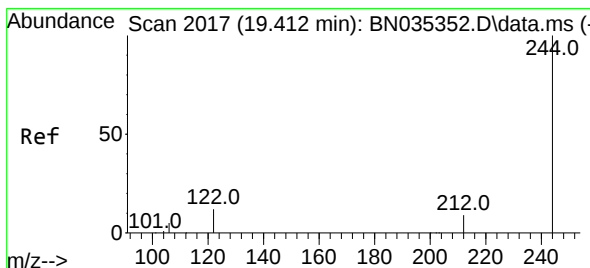
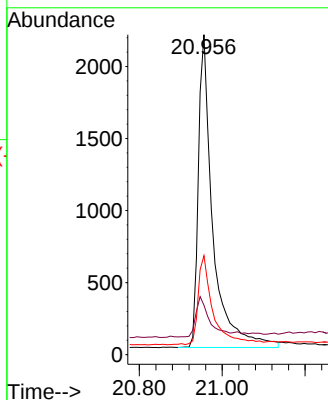
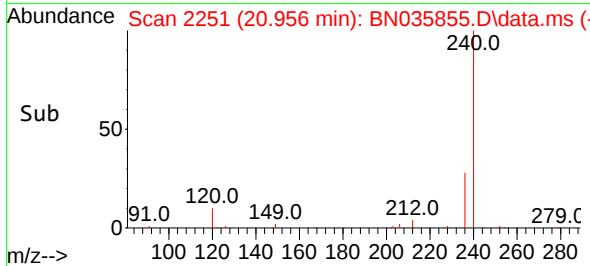
Instrument :
BNA_N
ClientSampleId :
RE132D6-20241217DL



Tgt Ion:240 Resp: 524
Ion Ratio Lower Upper
240 100
120 15.4 7.9 11.9#
236 30.9 22.9 34.3

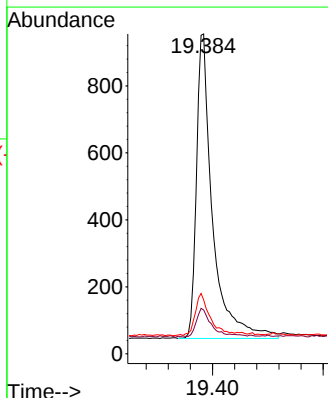
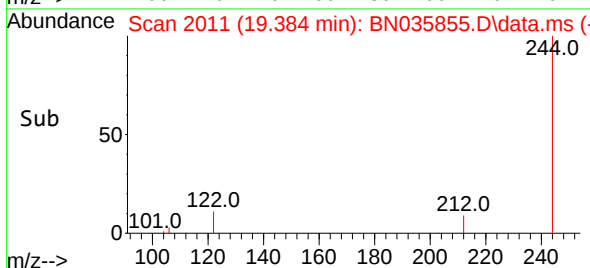
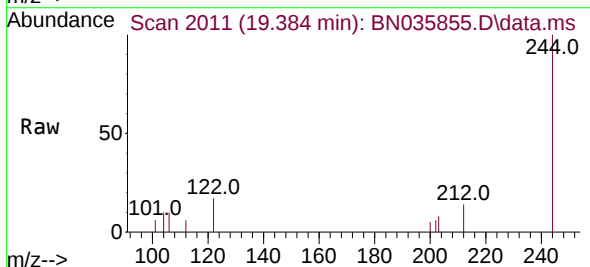
Manual Integrations
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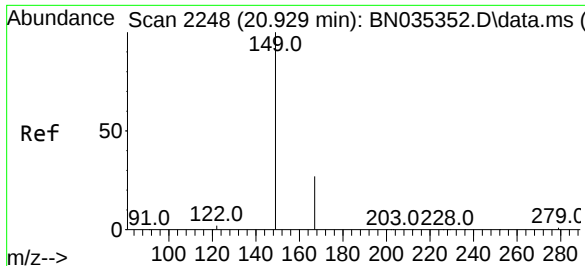
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#31
Terphenyl-d14
Concen: 0.178 ng
RT: 19.384 min Scan# 2011
Delta R.T. -0.005 min
Lab File: BN035855.D
Acq: 26 Dec 2024 16:06

Tgt Ion:244 Resp: 1838
Ion Ratio Lower Upper
244 100
212 13.7 8.1 12.1#
122 16.9 10.3 15.5#





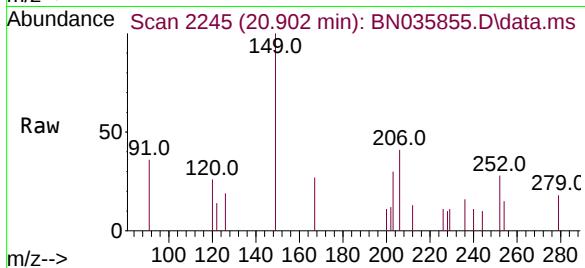
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.033 ng
RT: 20.902 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035855.D
Acq: 26 Dec 2024 16:06

Instrument :

BNA_N

ClientSampleId :

RE132D6-20241217DL



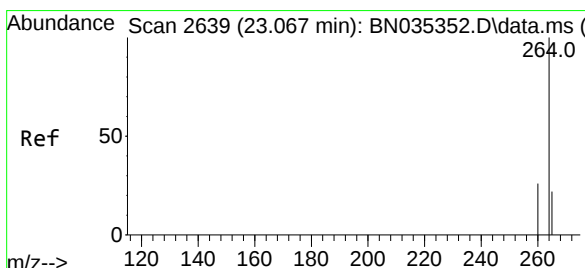
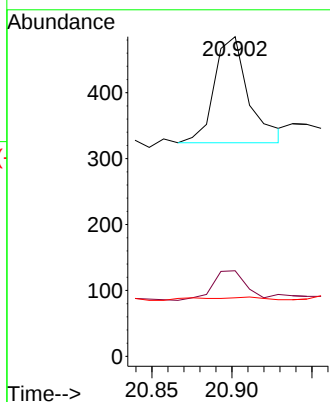
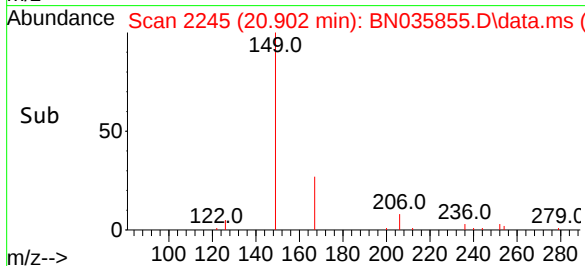
Tgt Ion:149 Resp: 24
Ion Ratio Lower Upper
149 100
167 33.6 22.2 33.4
279 2.1 2.7 4.1

Manual Integrations

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Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/30/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.035 min Scan# 2628
Delta R.T. -0.006 min
Lab File: BN035855.D
Acq: 26 Dec 2024 16:06

Tgt Ion:264 Resp: 4953
Ion Ratio Lower Upper
264 100
260 28.1 21.4 32.2
265 129.4 40.2 60.4

