

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
 Data File : BN035847.D
 Acq On : 26 Dec 2024 11:20
 Operator : RC/JU
 Sample : P5376-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT162S1-20241219

Manual Integrations
 APPROVED

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

Quant Time: Dec 27 00:40:32 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	7.257	152	3703	0.400	ng	-0.01
7) Naphthalene-d8	9.999	136	8876	0.400	ng	#-0.02
13) Acenaphthene-d10	13.914	164	5154	0.400	ng	-0.02
19) Phenanthrene-d10	16.686	188	10596	0.400	ng	#-0.01
29) Chrysene-d12	20.947	240	8138	0.400	ng	0.00
35) Perylene-d12	23.026	264	8007	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.917	112	1078	0.116	ng	-0.02
5) Phenol-d6	6.470	99	611	0.055	ng	-0.02
8) Nitrobenzene-d5	8.397	82	2468m	0.455	ng	-0.01
11) 2-Methylnaphthalene-d10	11.600	152	4895	0.352	ng	-0.02
14) 2,4,6-Tribromophenol	15.443	330	808	0.221	ng	-0.01
15) 2-Fluorobiphenyl	12.523	172	7648	0.393	ng	-0.02
27) Fluoranthene-d10	18.747	212	11741	0.391	ng	-0.01
31) Terphenyl-d14	19.375	244	8616	0.537	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	1214	0.343	ng	98
30) Pyrene	19.147	202	618	0.021	ng	97
34) Bis(2-ethylhexyl)phtha...	20.893	149	1284	0.114	ng	# 96

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

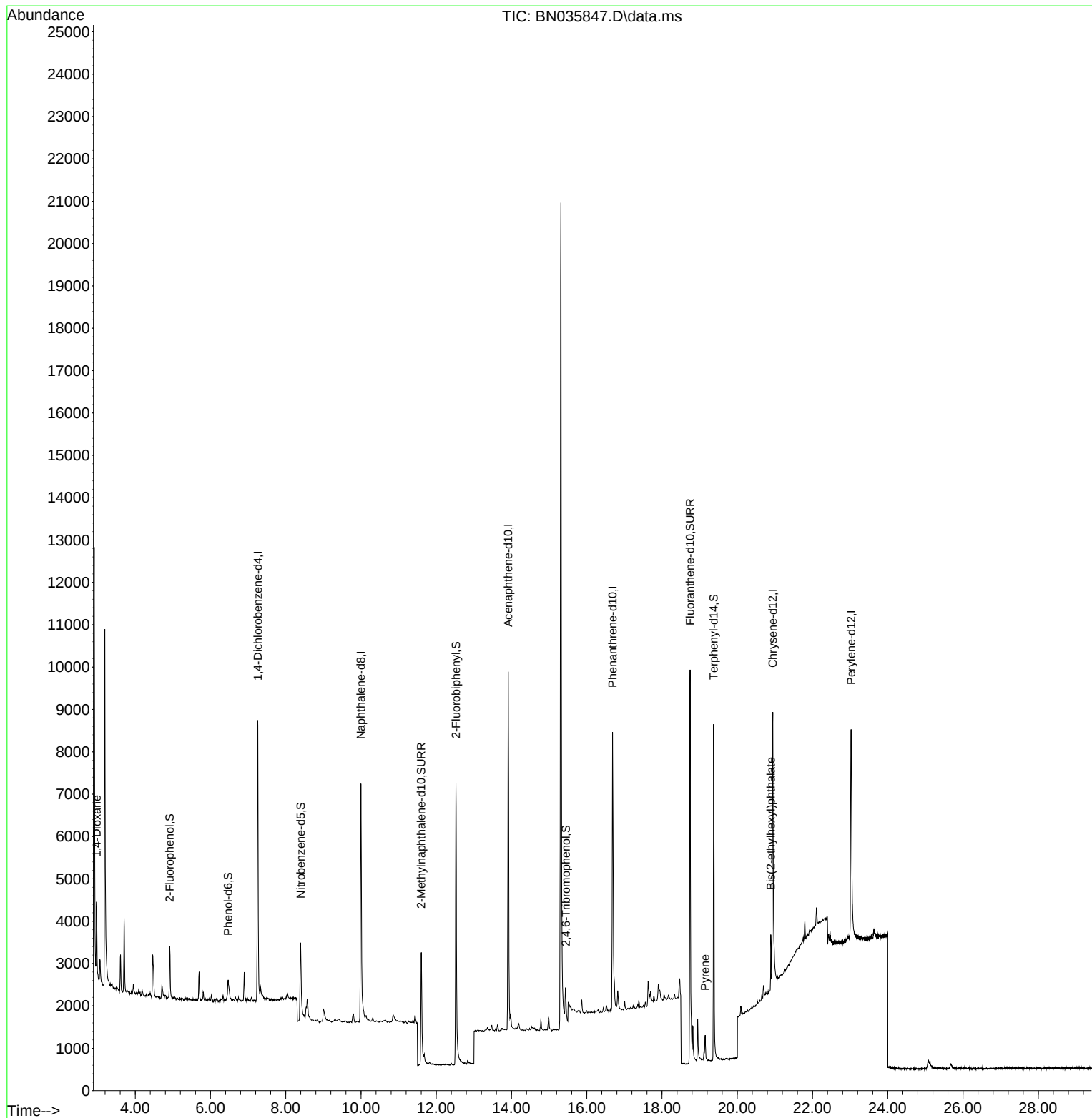
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
Data File : BN035847.D
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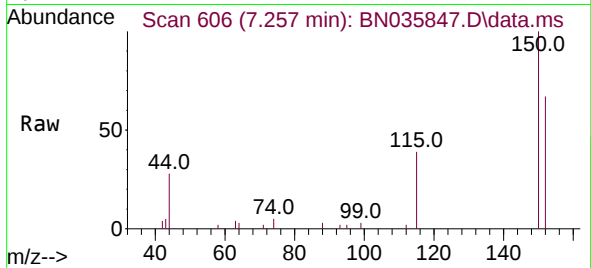
Quant Time: Dec 27 00:40:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.257 min Scan# 60
Delta R.T. -0.015 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

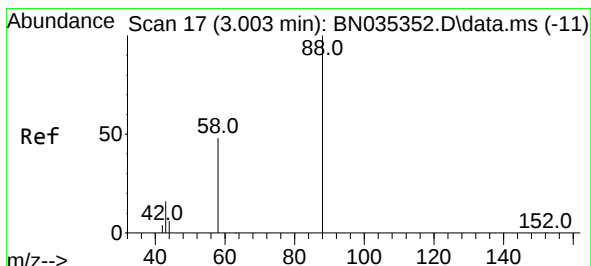
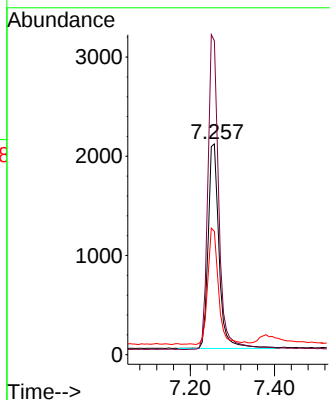
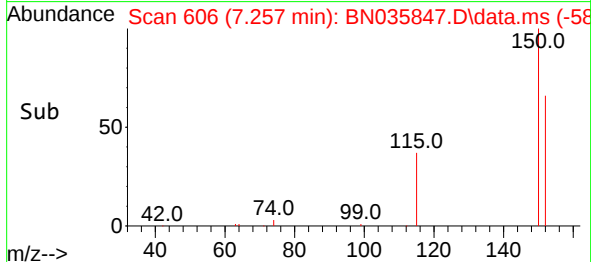
Instrument :
BNA_N
ClientSampleId :
TT162S1-20241219



Tgt Ion:152 Resp: 370
Ion Ratio Lower Upper
152 100
150 148.9 124.0 186.0
115 58.5 49.6 74.4

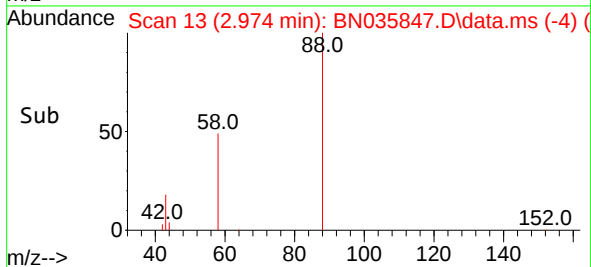
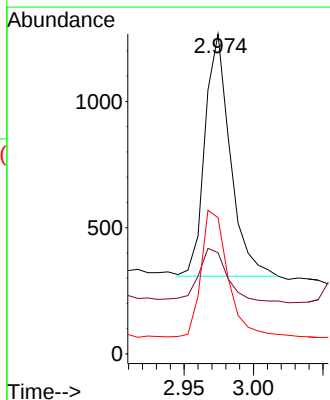
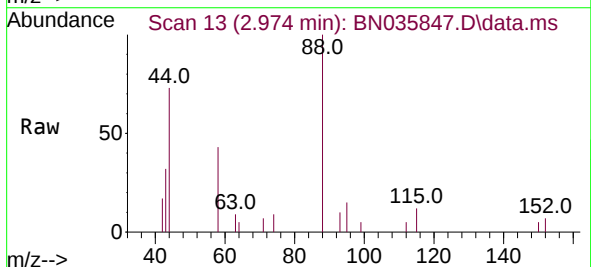
Manual Integrations
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Supervised By :mohammad ahmed 12/30/2024



#2
1,4-Dioxane
Concen: 0.343 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.008 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

Tgt Ion: 88 Resp: 1214
Ion Ratio Lower Upper
88 100
43 24.0 17.2 25.8
58 55.2 44.5 66.7





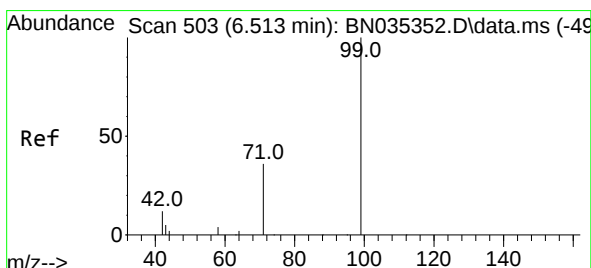
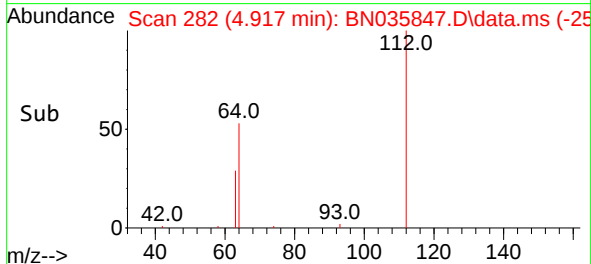
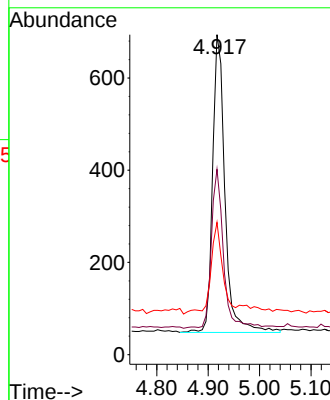
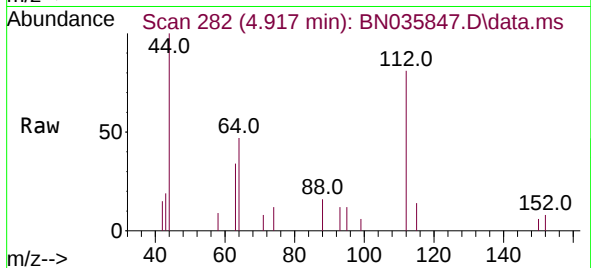
#4
2-Fluorophenol
Concen: 0.116 ng
RT: 4.917 min Scan# 21
Delta R.T. -0.022 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

Instrument :
BNA_N
ClientSampleId :
TT162S1-20241219

Tgt Ion:112 Resp: 1078
Ion Ratio Lower Upper
112 100
64 52.5 39.8 59.8
63 29.4 21.0 31.6

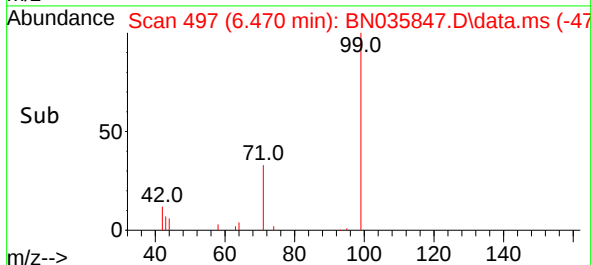
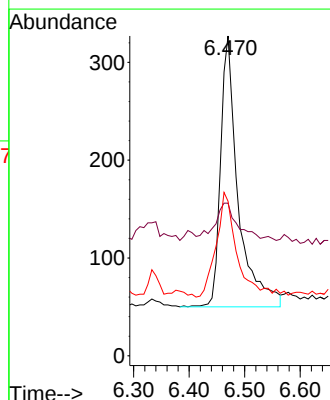
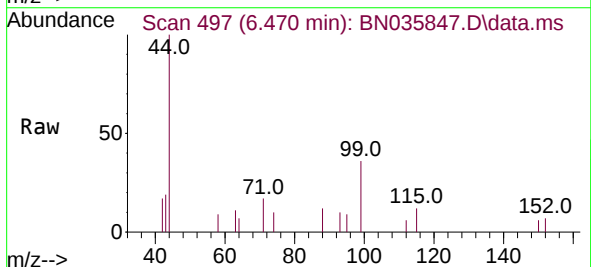
Manual Integrations
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#5
Phenol-d6
Concen: 0.055 ng
RT: 6.470 min Scan# 497
Delta R.T. -0.022 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

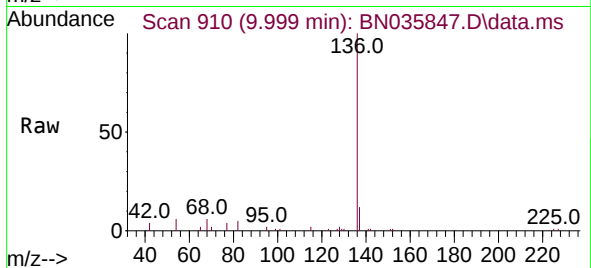
Tgt Ion: 99 Resp: 611
Ion Ratio Lower Upper
99 100
42 20.9 11.4 17.2#
71 46.6 29.3 43.9#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 9.999 min Scan# 915
Delta R.T. -0.021 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

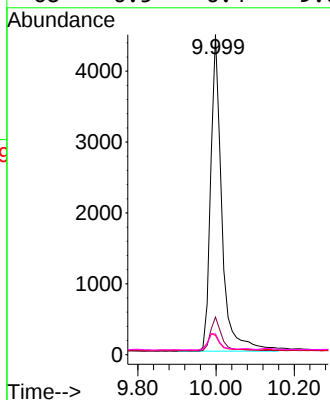
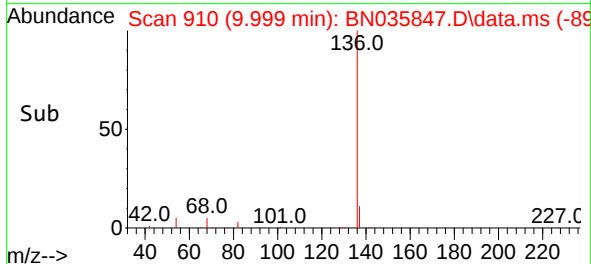
Instrument :
BNA_N
ClientSampleId :
TT162S1-20241219



Tgt Ion:136 Resp: 8870
Ion Ratio Lower Upper
136 100
137 11.7 10.2 15.2
54 6.0 6.1 9.1
68 6.5 6.4 9.6

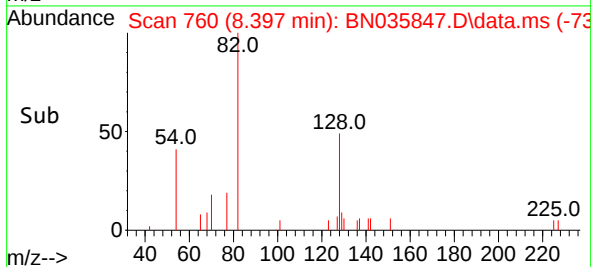
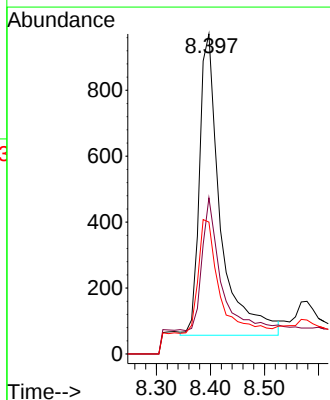
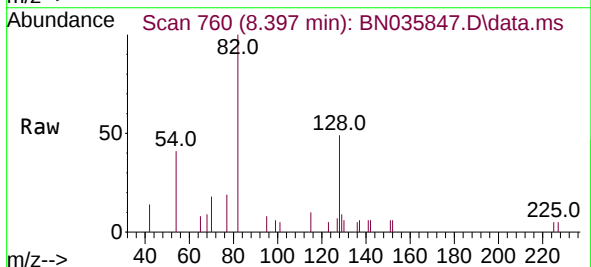
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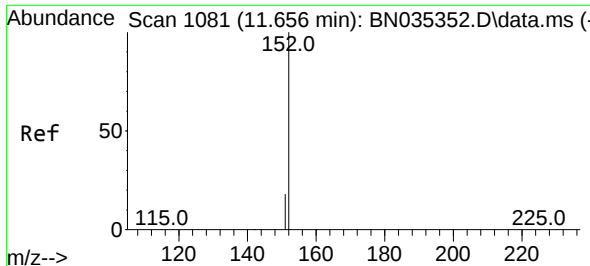
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#8
Nitrobenzene-d5
Concen: 0.455 ng m
RT: 8.397 min Scan# 760
Delta R.T. -0.011 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

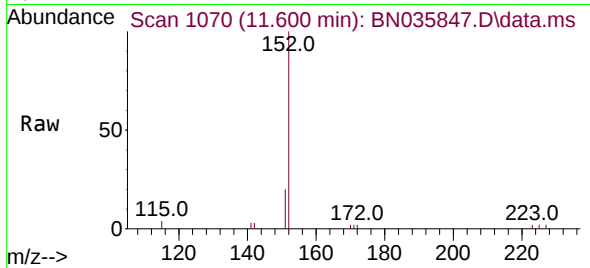
Tgt Ion: 82 Resp: 2468
Ion Ratio Lower Upper
82 100
128 48.8 33.4 50.0
54 41.2 36.7 55.1





#11
2-Methylnaphthalene-d10
Concen: 0.352 ng
RT: 11.600 min Scan# 1081
Delta R.T. -0.020 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

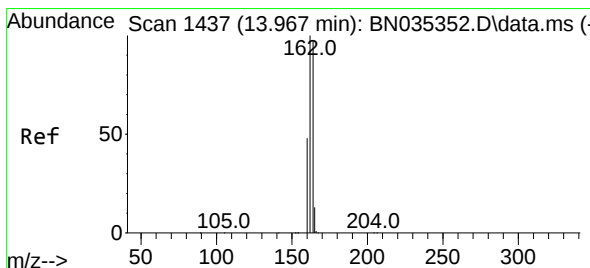
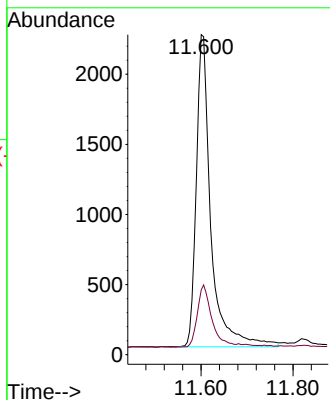
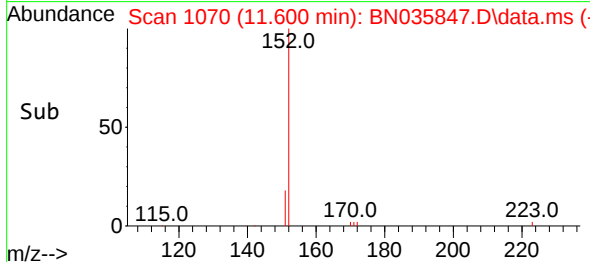
Instrument :
BNA_N
ClientSampleId :
TT162S1-20241219



Tgt Ion:152 Resp: 489
Ion Ratio Lower Upper
152 100
151 19.7 16.6 25.0

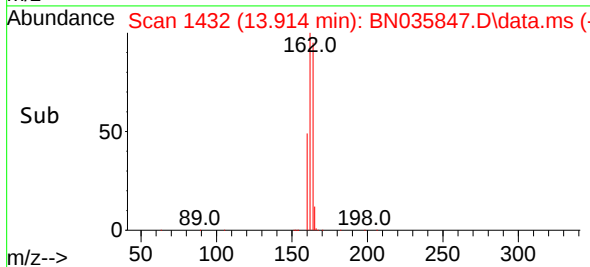
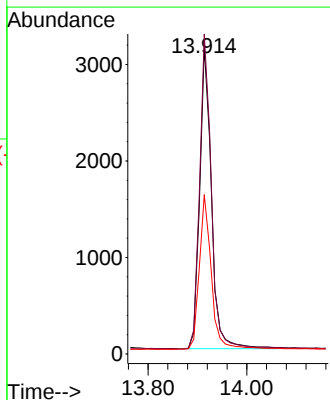
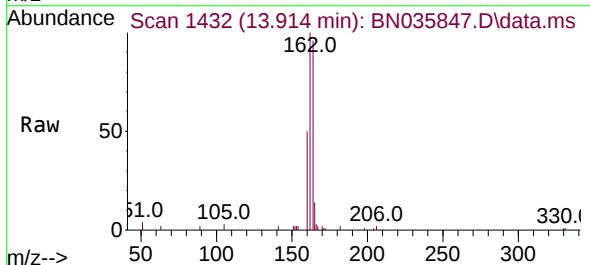
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Supervised By :mohammad ahmed 12/30/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.914 min Scan# 1432
Delta R.T. -0.021 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

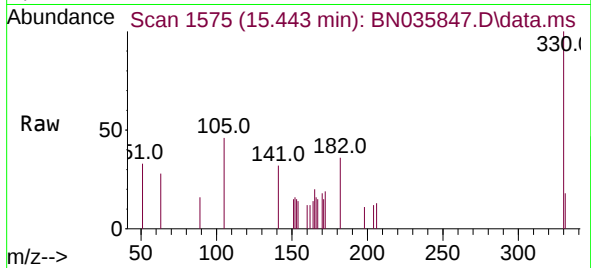
Tgt Ion:164 Resp: 5154
Ion Ratio Lower Upper
164 100
162 104.4 82.2 123.2
160 52.0 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.221 ng
RT: 15.443 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

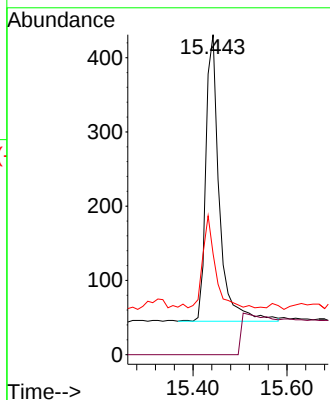
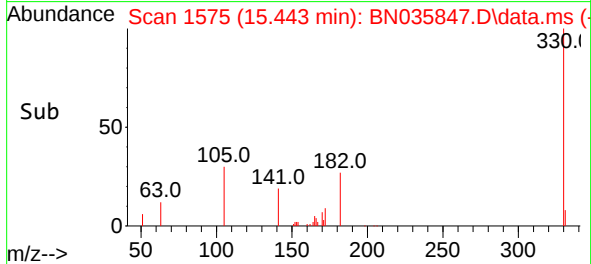
Instrument :
BNA_N
ClientSampleId :
TT162S1-20241219



Tgt Ion:330 Resp: 808
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.6 26.6 40.0

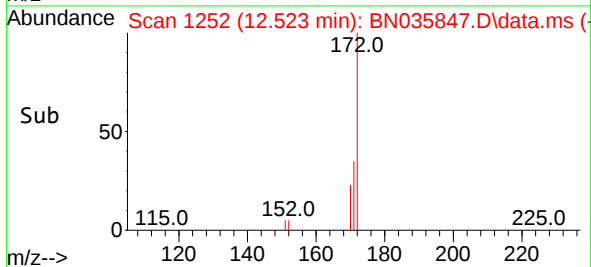
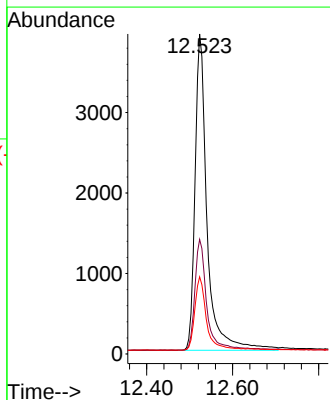
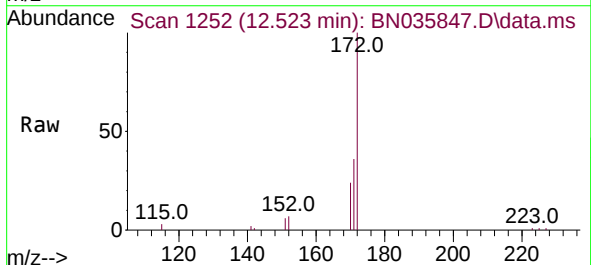
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Supervised By :mohammad ahmed 12/30/2024



#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 12.523 min Scan# 1252
Delta R.T. -0.020 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

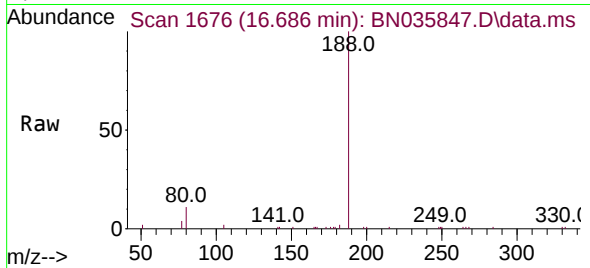
Tgt Ion:172 Resp: 7648
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 24.1 19.8 29.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.686 min Scan# 1676
Delta R.T. -0.013 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

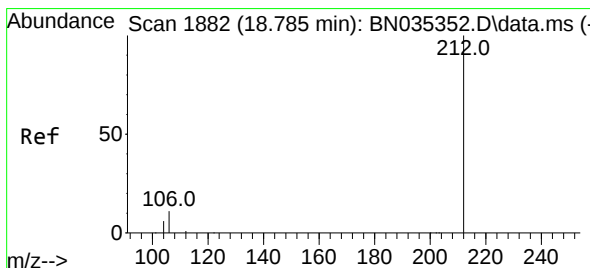
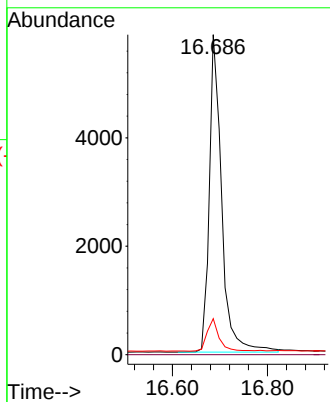
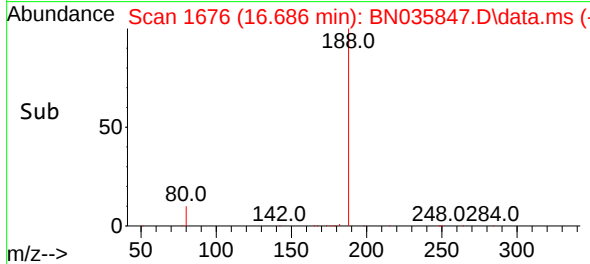
Instrument :
BNA_N
ClientSampleId :
TT162S1-20241219



Tgt Ion:188 Resp: 10590
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 4.6 6.8

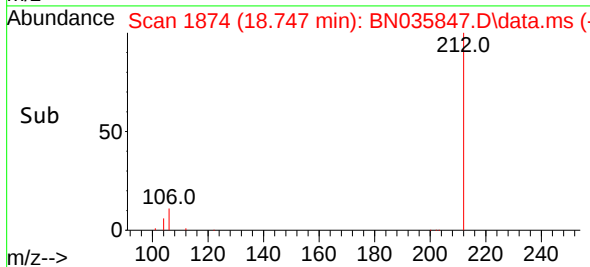
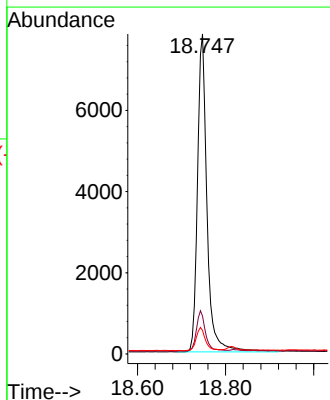
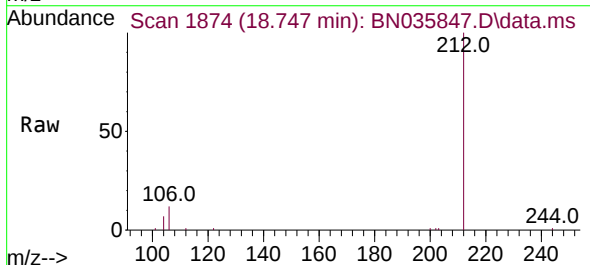
Manual Integrations
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Supervised By :mohammad ahmed 12/30/2024



#27
Fluoranthene-d10
Concen: 0.391 ng
RT: 18.747 min Scan# 1874
Delta R.T. -0.014 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

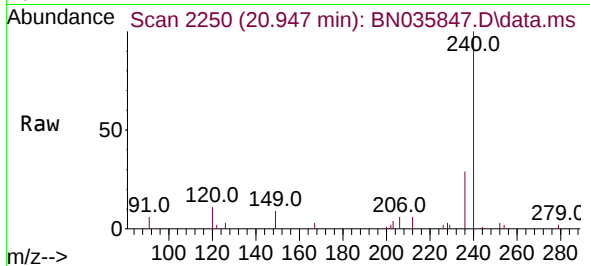
Tgt Ion:212 Resp: 11741
Ion Ratio Lower Upper
212 100
106 11.9 9.2 13.8
104 6.9 5.3 7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

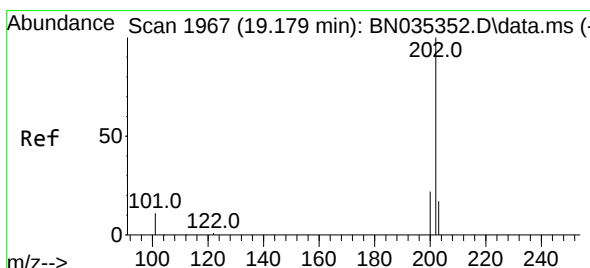
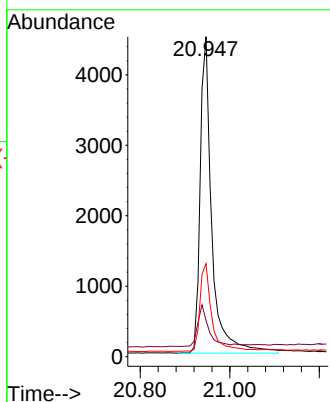
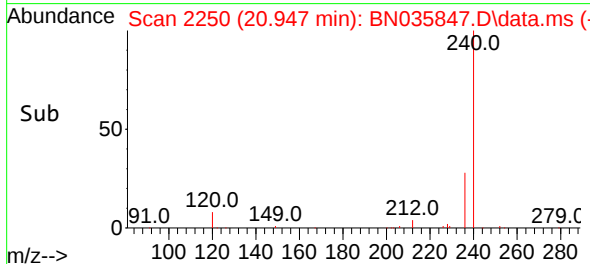
Instrument :
BNA_N
ClientSampleId :
TT162S1-20241219



Tgt Ion:240 Resp: 813
Ion Ratio Lower Upper
240 100
120 11.3 7.9 11.9
236 29.1 22.9 34.3

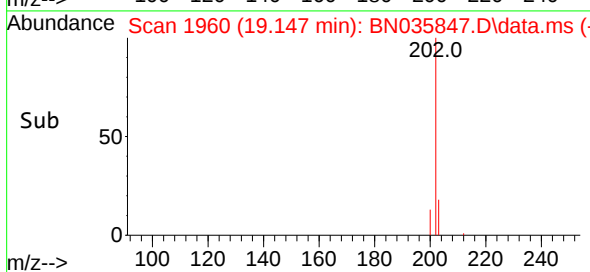
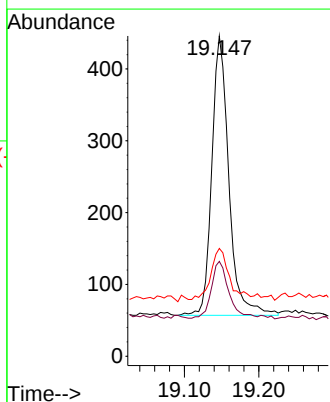
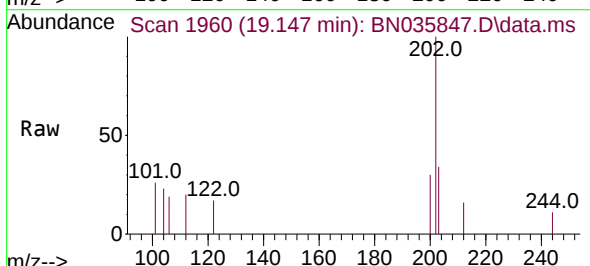
Manual Integrations
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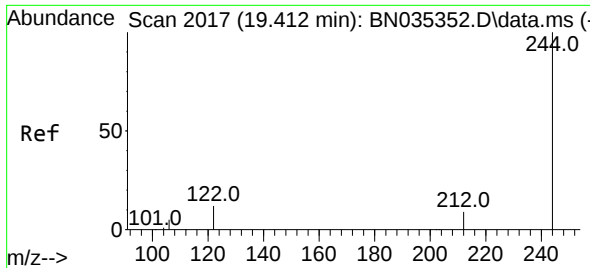
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#30
Pyrene
Concen: 0.021 ng
RT: 19.147 min Scan# 1960
Delta R.T. -0.014 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

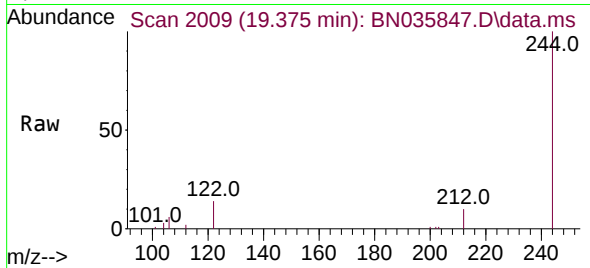
Tgt Ion:202 Resp: 618
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.4
203 20.2 14.3 21.5





#31
 Terphenyl-d14
 Concen: 0.537 ng
 RT: 19.375 min Scan# 2017
 Delta R.T. -0.014 min
 Lab File: BN035847.D
 Acq: 26 Dec 2024 11:20

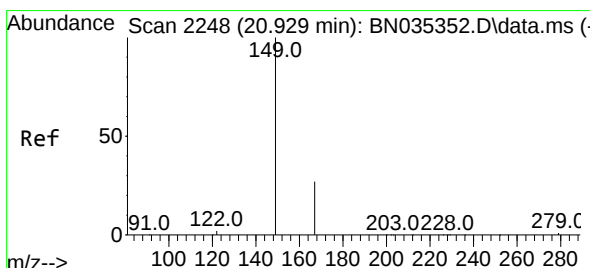
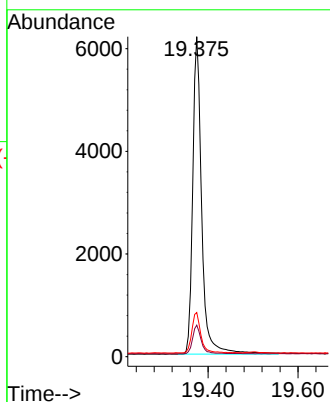
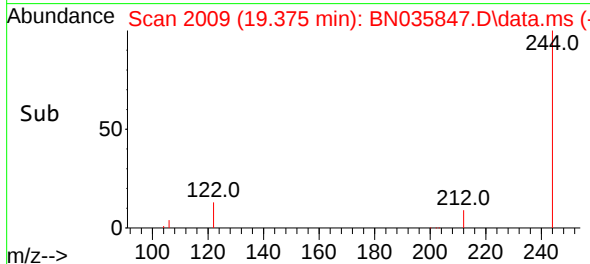
Instrument :
 BNA_N
 ClientSampleId :
 TT162S1-20241219



Tgt Ion:244 Resp: 8610
 Ion Ratio Lower Upper
 244 100
 212 9.8 8.1 12.1
 122 13.8 10.3 15.5

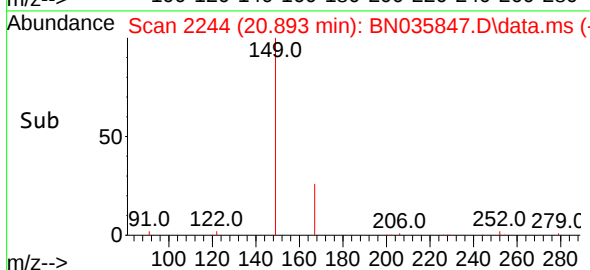
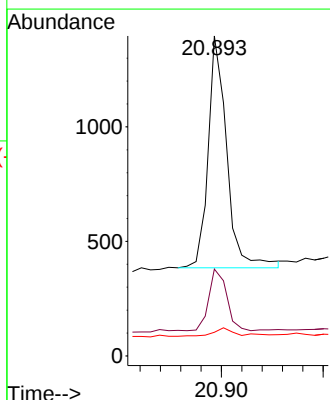
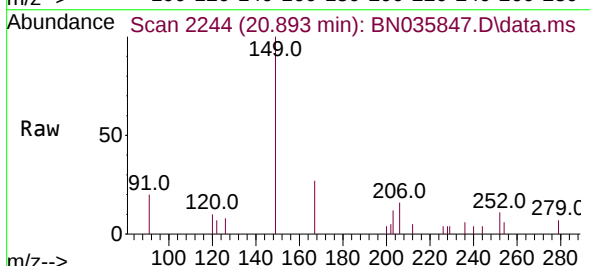
Manual Integrations
 APPROVED

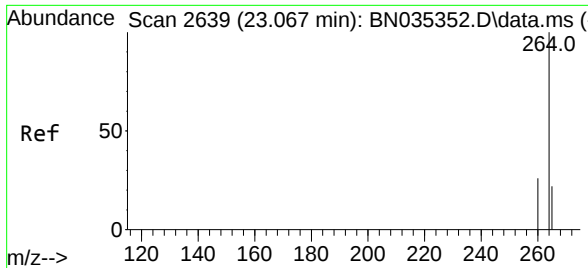
Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/30/2024



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.114 ng
 RT: 20.893 min Scan# 2244
 Delta R.T. -0.018 min
 Lab File: BN035847.D
 Acq: 26 Dec 2024 11:20

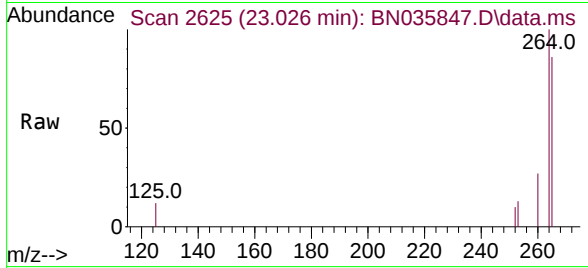
Tgt Ion:149 Resp: 1284
 Ion Ratio Lower Upper
 149 100
 167 25.5 22.2 33.4
 279 4.3 2.7 4.1#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.026 min Scan# 20
Delta R.T. -0.015 min
Lab File: BN035847.D
Acq: 26 Dec 2024 11:20

Instrument :
BNA_N
ClientSampleId :
TT162S1-20241219



Tgt Ion:264 Resp: 800
Ion Ratio Lower Upper
264 100
260 27.2 21.4 32.2
265 85.5 40.2 60.4

Manual Integrations
APPROVED

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

