

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
 Data File : BN036674.D
 Acq On : 18 Mar 2025 00:39
 Operator : RC/JU
 Sample : Q1582-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20250314

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/18/2025
 Supervised By :Jagrut Upadhyay 03/18/2025

Quant Time: Mar 18 01:19:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1843	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4422	0.400	ng	-0.01
13) Acenaphthene-d10	14.355	164	2743	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	5303	0.400	ng	-0.01
29) Chrysene-d12	21.295	240	3399	0.400	ng	0.00
35) Perylene-d12	23.540	264	2777	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	692	0.161	ng	0.00
5) Phenol-d6	6.894	99	458	0.086	ng	0.00
8) Nitrobenzene-d5	8.875	82	1347	0.280	ng	0.00
11) 2-Methylnaphthalene-d10	12.096	152	1913	0.291	ng	-0.02
14) 2,4,6-Tribromophenol	15.845	330	454	0.365	ng	-0.01
15) 2-Fluorobiphenyl	12.978	172	4694	0.294	ng	-0.01
27) Fluoranthene-d10	19.132	212	5847	0.430	ng	0.00
31) Terphenyl-d14	19.736	244	4142	0.509	ng	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.164	202	392	0.022	ng	# 5
30) Pyrene	19.527	202	368	0.022	ng	# 91
33) Chrysene	21.331	228	263	0.020	ng	# 65
34) Bis(2-ethylhexyl)phtha...	21.205	149	3267m	0.388	ng	

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

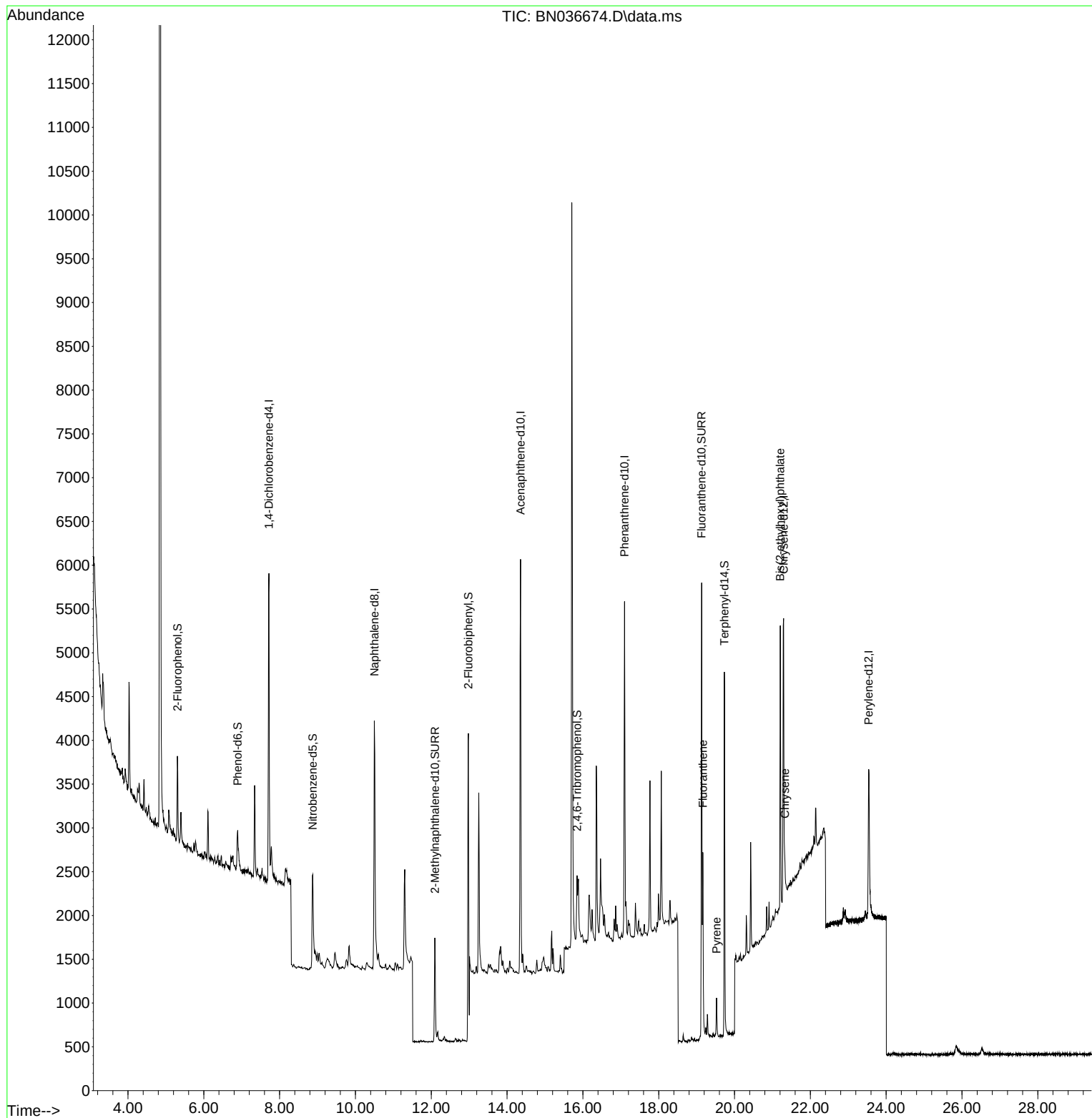
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
Data File : BN036674.D
Acq On : 18 Mar 2025 00:39
Operator : RC/JU
Sample : Q1582-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

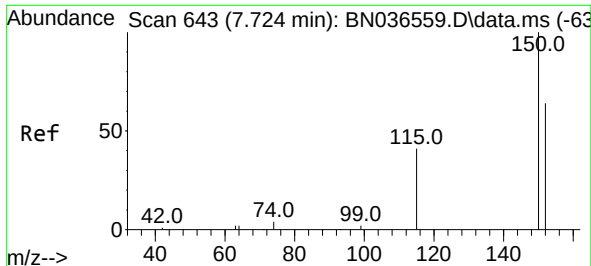
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20250314

Quant Time: Mar 18 01:19:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
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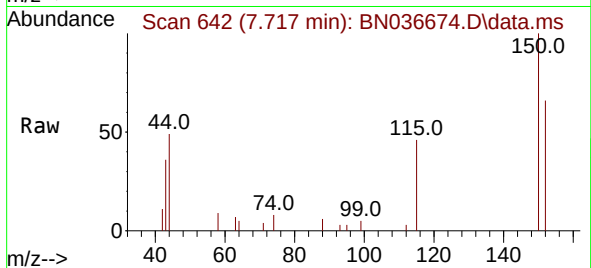
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 643
 Delta R.T. -0.007 min
 Lab File: BN036674.D
 Acq: 18 Mar 2025 00:39

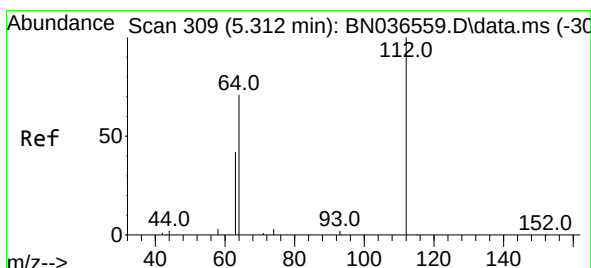
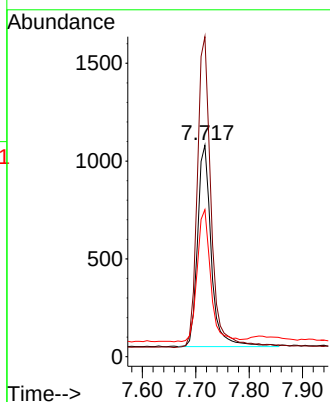
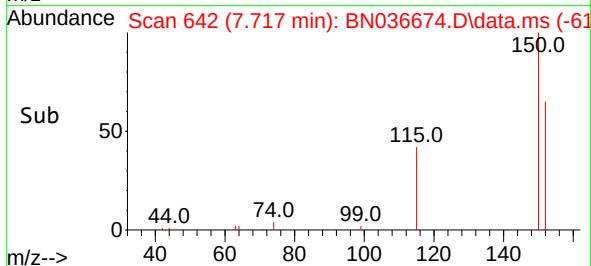
Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20250314



Tgt Ion:152 Resp: 184
 Ion Ratio Lower Upper
 152 100
 150 151.3 123.7 185.5
 115 69.6 54.3 81.5

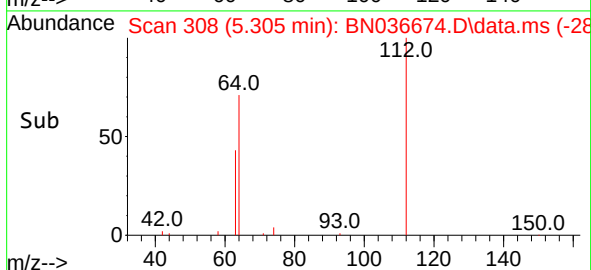
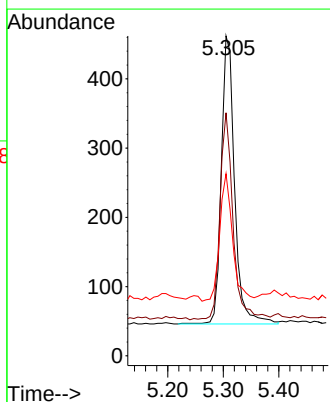
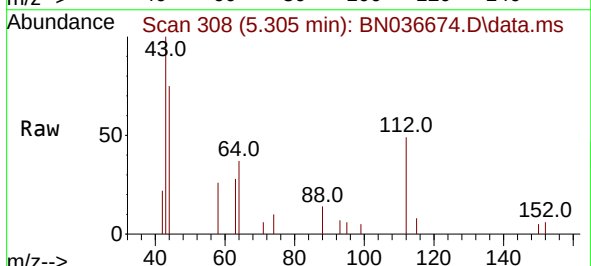
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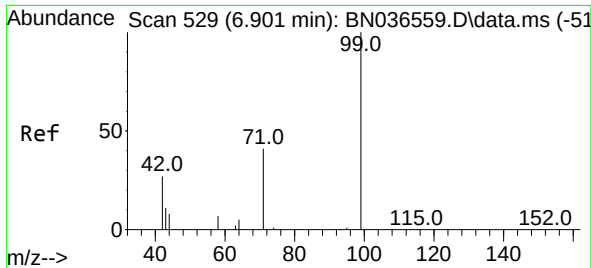
Reviewed By :Anahy Claudio 03/18/2025
 Supervised By :Jagrut Upadhyay 03/18/2025



#4
 2-Fluorophenol
 Concen: 0.161 ng
 RT: 5.305 min Scan# 308
 Delta R.T. -0.007 min
 Lab File: BN036674.D
 Acq: 18 Mar 2025 00:39

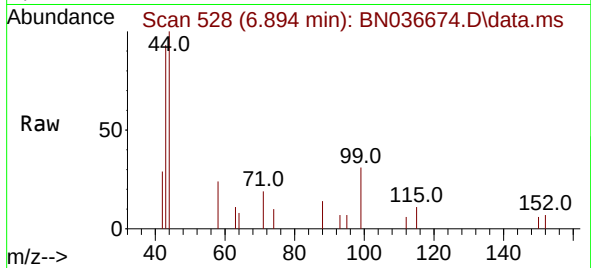
Tgt Ion:112 Resp: 692
 Ion Ratio Lower Upper
 112 100
 64 69.9 53.1 79.7
 63 42.8 31.8 47.8





#5
Phenol-d6
Concen: 0.086 ng
RT: 6.894 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN036674.D
Acq: 18 Mar 2025 00:39

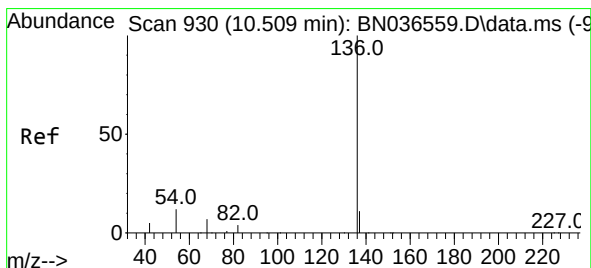
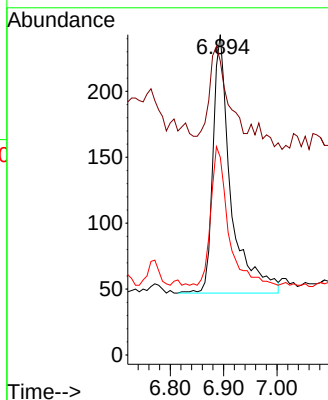
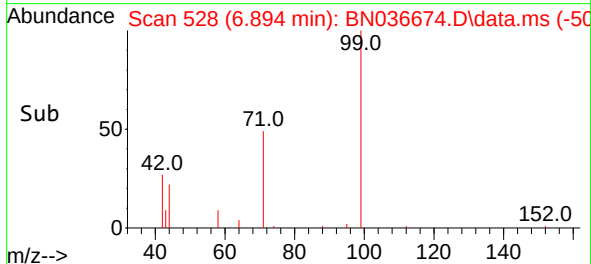
Instrument :
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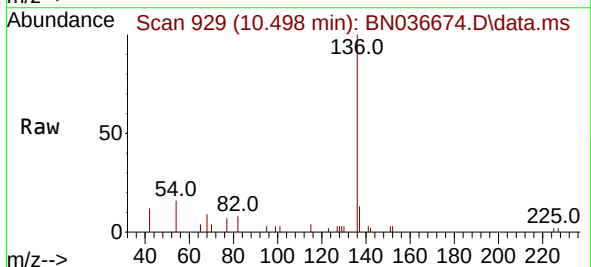
Tgt Ion: 99 Resp: 458
Ion Ratio Lower Upper
99 100
42 34.9 26.5 39.7
71 52.8 34.1 51.1

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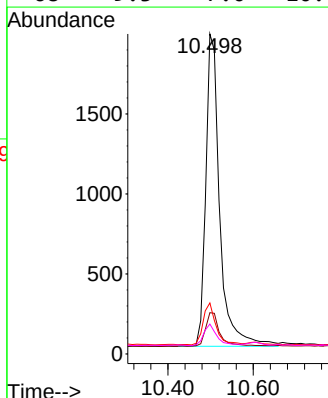
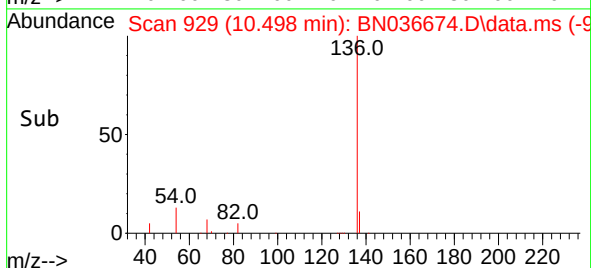
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

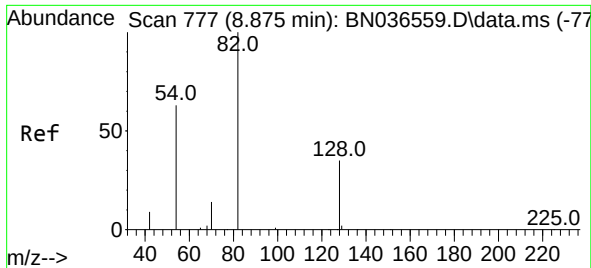


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN036674.D
Acq: 18 Mar 2025 00:39



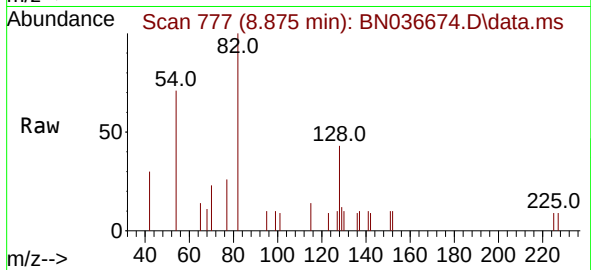
Tgt Ion:136 Resp: 4422
Ion Ratio Lower Upper
136 100
137 12.9 10.3 15.5
54 16.0 11.5 17.3
68 9.3 7.0 10.4





#8
 Nitrobenzene-d5
 Concen: 0.280 ng
 RT: 8.875 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN036674.D
 Acq: 18 Mar 2025 00:39

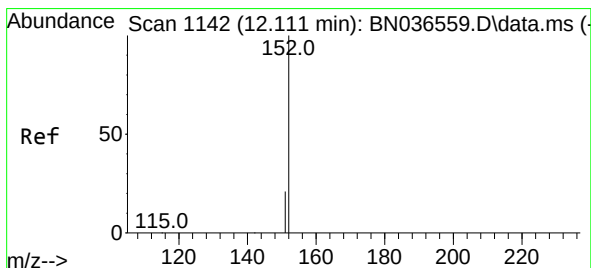
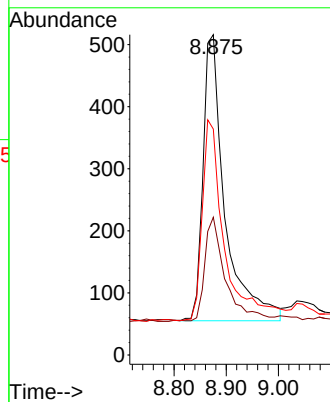
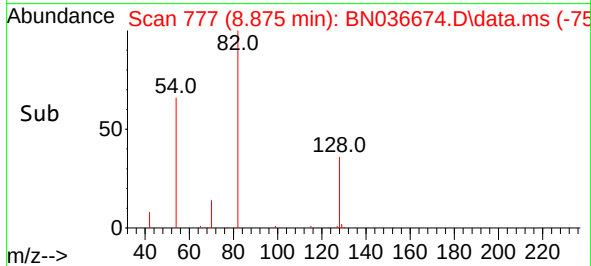
Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20250314



Tgt Ion: 82 Resp: 134
 Ion Ratio Lower Upper
 82 100
 128 43.0 30.6 45.8
 54 70.5 52.2 78.4

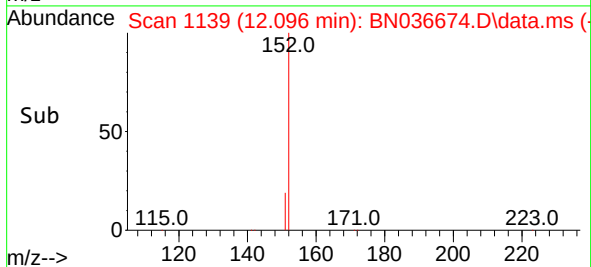
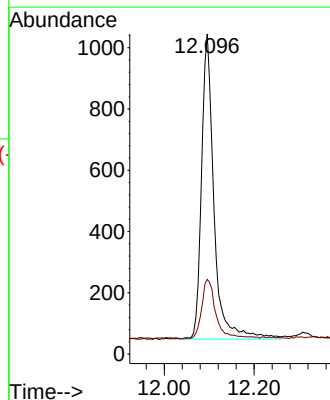
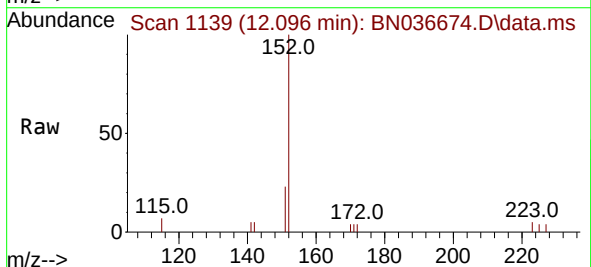
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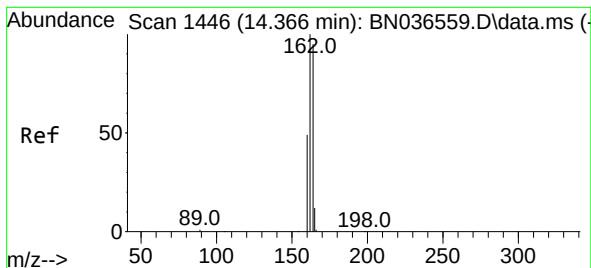
Reviewed By :Anahy Claudio 03/18/2025
 Supervised By :Jagrut Upadhyay 03/18/2025



#11
 2-Methylnaphthalene-d10
 Concen: 0.291 ng
 RT: 12.096 min Scan# 1139
 Delta R.T. -0.015 min
 Lab File: BN036674.D
 Acq: 18 Mar 2025 00:39

Tgt Ion:152 Resp: 1913
 Ion Ratio Lower Upper
 152 100
 151 21.6 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.355 min Scan# 1445

Delta R.T. -0.011 min

Lab File: BN036674.D

Acq: 18 Mar 2025 00:39

Instrument :

BNA_N

ClientSampleId :

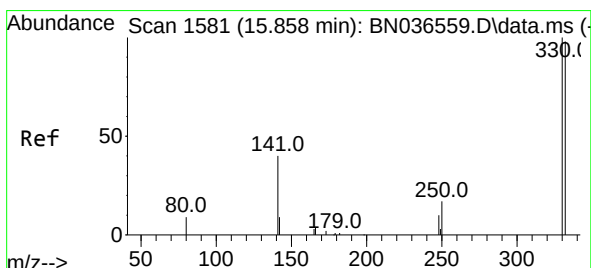
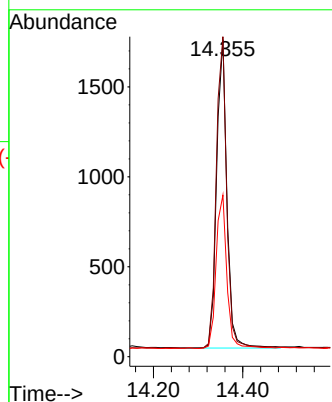
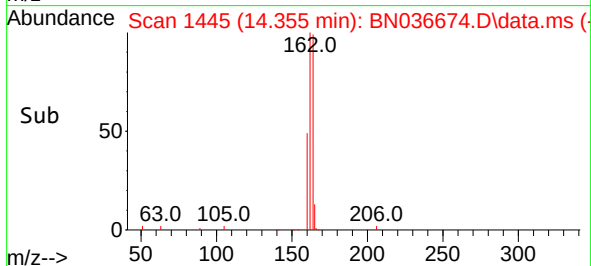
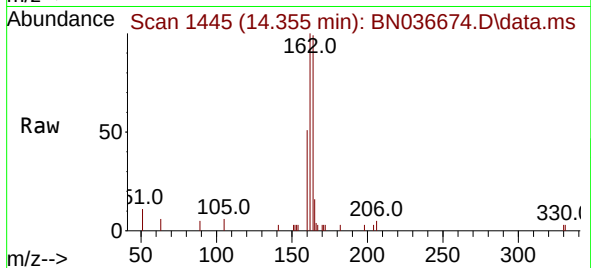
BPOW1-7-20250314

Tgt Ion:	164	Resp:	274
Ion Ratio	Lower	Upper	
164	100		
162	100.9	84.2	126.2
160	51.0	42.2	63.2

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Supervised By :Jagrut Upadhyay 03/18/2025



#14

2,4,6-Tribromophenol

Concen: 0.365 ng

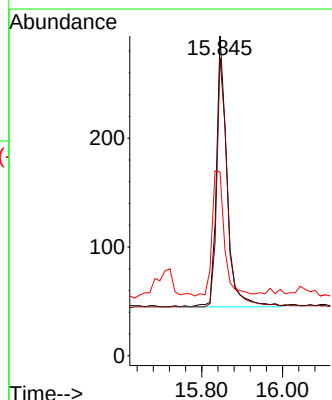
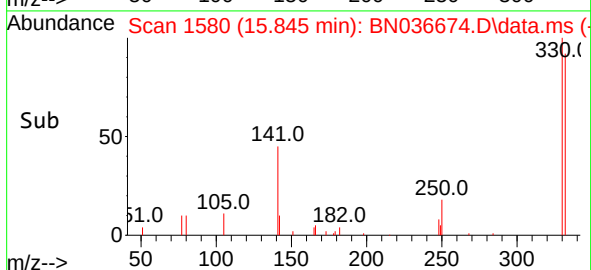
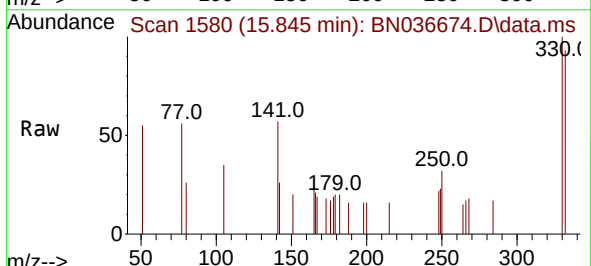
RT: 15.845 min Scan# 1580

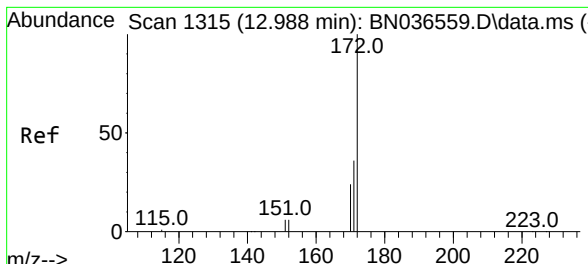
Delta R.T. -0.012 min

Lab File: BN036674.D

Acq: 18 Mar 2025 00:39

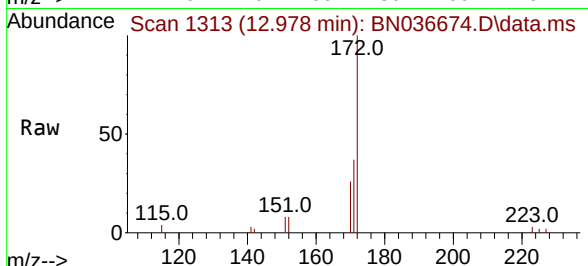
Tgt Ion:	330	Resp:	454
Ion Ratio	Lower	Upper	
330	100		
332	92.1	75.2	112.8
141	54.0	43.4	65.2





#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 12.978 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN036674.D
Acq: 18 Mar 2025 00:39

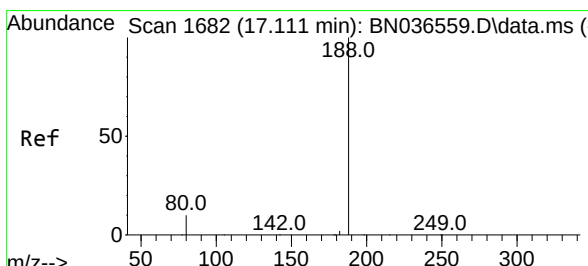
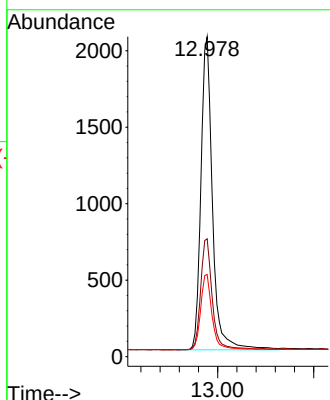
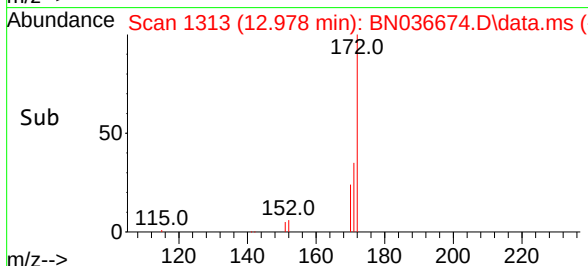
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20250314



Tgt Ion:172 Resp: 4694
Ion Ratio Lower Upper
172 100
171 36.9 29.5 44.3
170 25.7 20.2 30.4

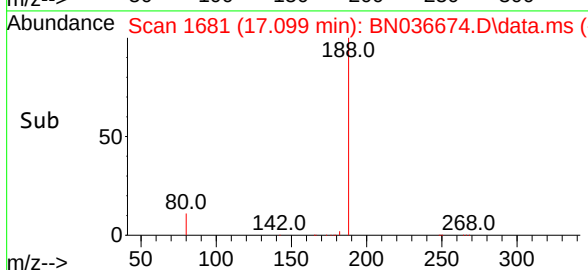
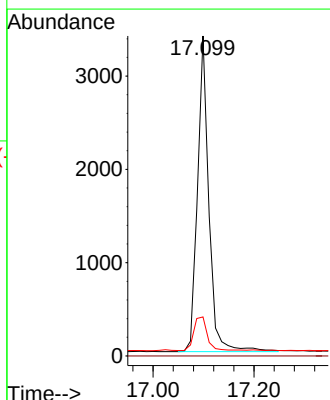
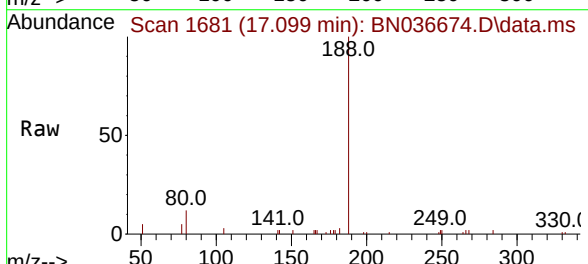
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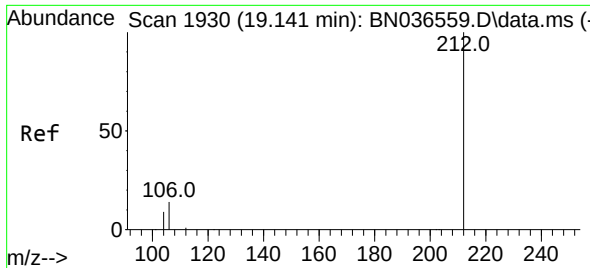
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN036674.D
Acq: 18 Mar 2025 00:39

Tgt Ion:188 Resp: 5303
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 8.8 13.2





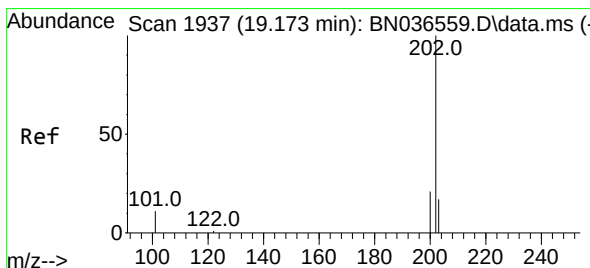
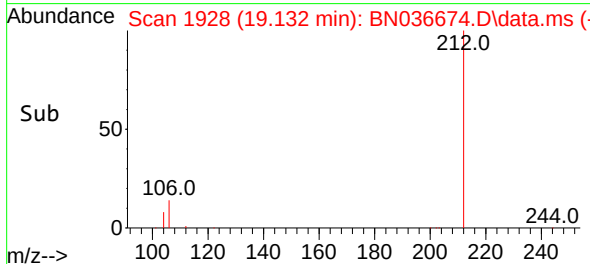
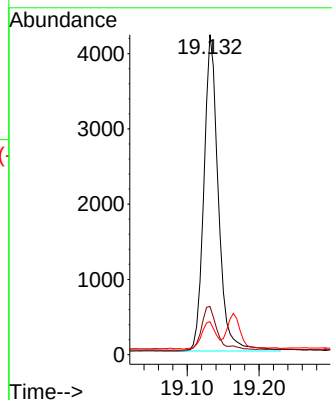
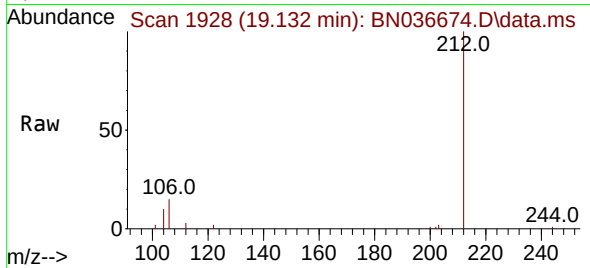
#27
Fluoranthene-d10
Concen: 0.430 ng
RT: 19.132 min Scan# 1930
Delta R.T. -0.009 min
Lab File: BN036674.D
Acq: 18 Mar 2025 00:39

Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20250314

Tgt Ion:212 Resp: 584
Ion Ratio Lower Upper
212 100
106 15.1 11.8 17.6
104 8.4 7.3 10.9

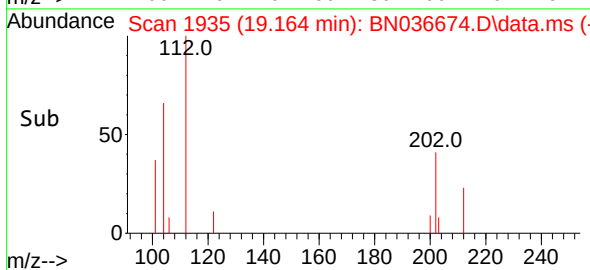
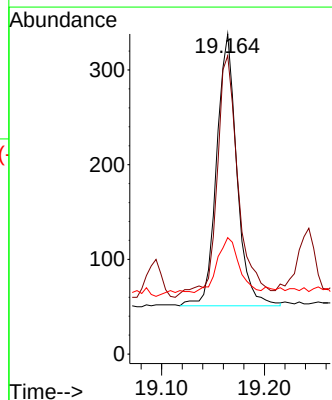
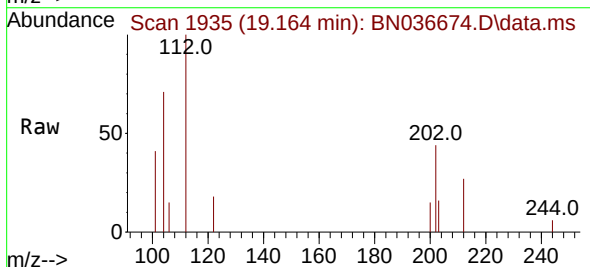
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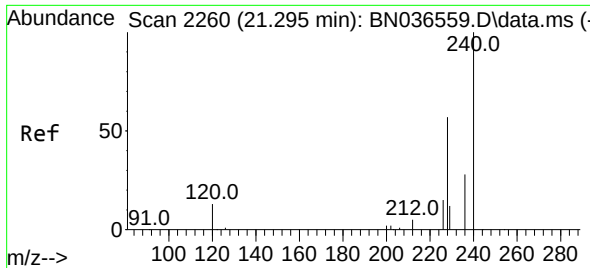
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#28
Fluoranthene
Concen: 0.022 ng
RT: 19.164 min Scan# 1935
Delta R.T. -0.009 min
Lab File: BN036674.D
Acq: 18 Mar 2025 00:39

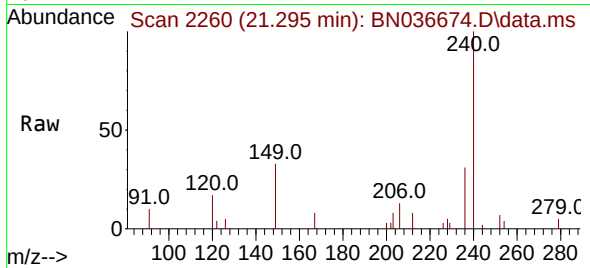
Tgt Ion:202 Resp: 392
Ion Ratio Lower Upper
202 100
101 94.9 9.4 14.0#
203 22.2 13.5 20.3#





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036674.D
Acq: 18 Mar 2025 00:39

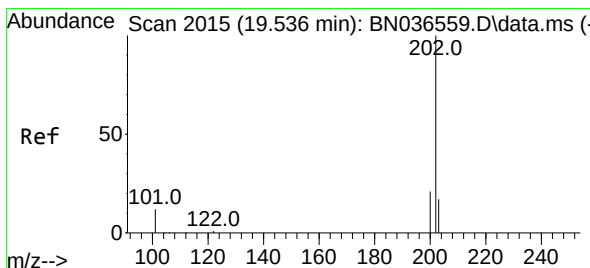
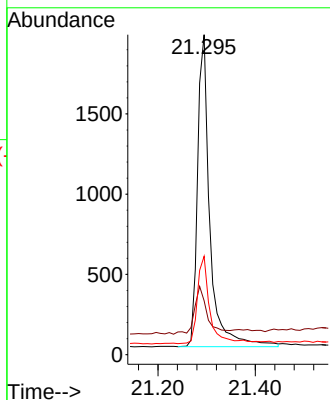
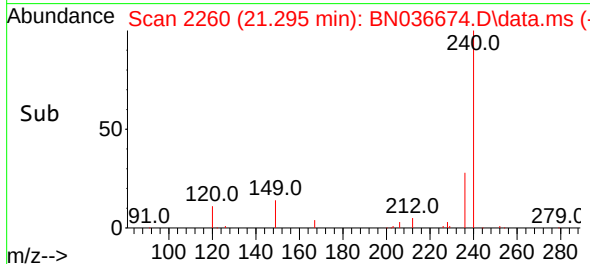
Instrument :
BNA_N
ClientSampleId :
BPOW1-7-20250314



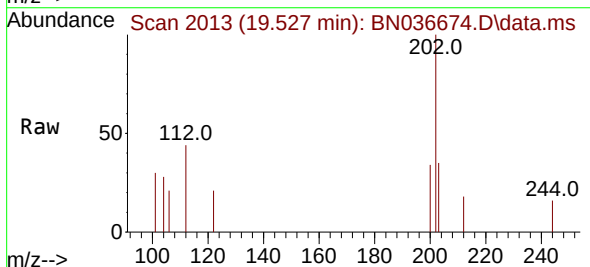
Tgt Ion:240 Resp: 3399
Ion Ratio Lower Upper
240 100
120 16.9 14.6 22.0
236 30.7 24.1 36.1

Manual Integrations
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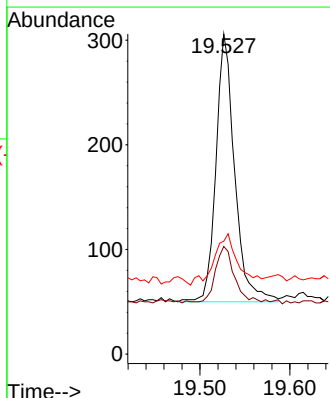
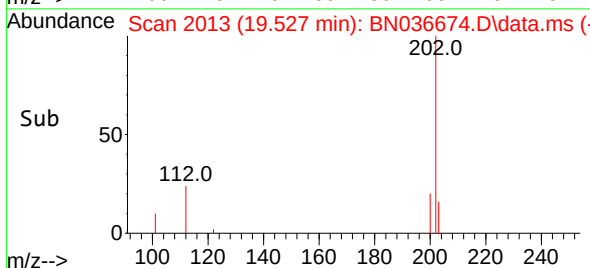
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

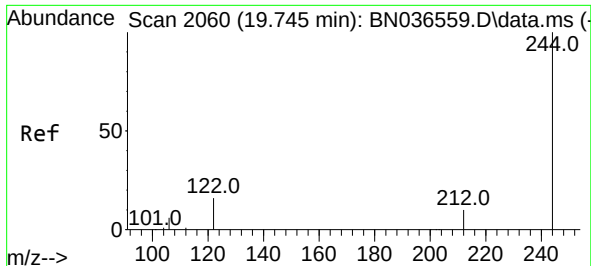


#30
Pyrene
Concen: 0.022 ng
RT: 19.527 min Scan# 2013
Delta R.T. -0.009 min
Lab File: BN036674.D
Acq: 18 Mar 2025 00:39



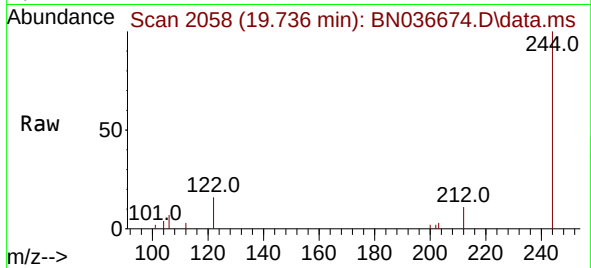
Tgt Ion:202 Resp: 368
Ion Ratio Lower Upper
202 100
200 20.1 17.1 25.7
203 24.5 14.1 21.1#





#31
 Terphenyl-d14
 Concen: 0.509 ng
 RT: 19.736 min Scan# 2058
 Delta R.T. -0.009 min
 Lab File: BN036674.D
 Acq: 18 Mar 2025 00:39

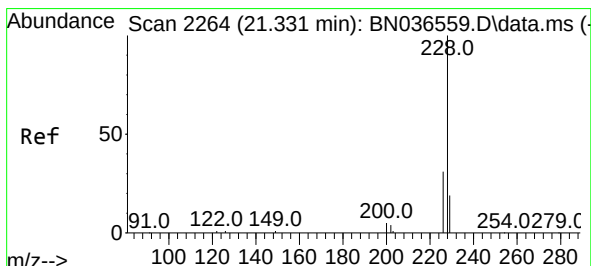
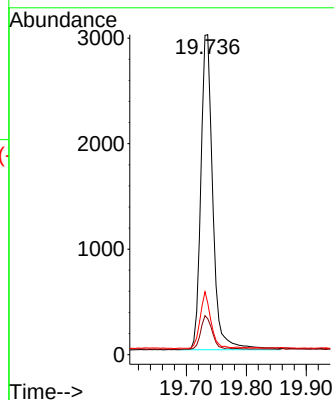
Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20250314



Tgt Ion:244 Resp: 414.2
 Ion Ratio Lower Upper
 244 100
 212 11.2 9.6 14.4
 122 16.2 13.9 20.9

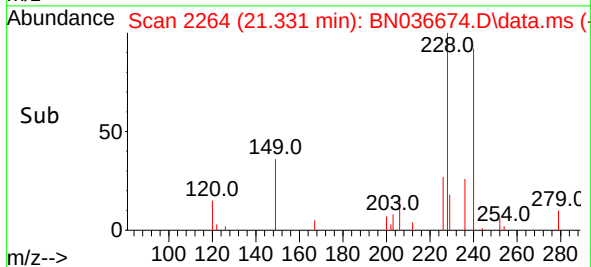
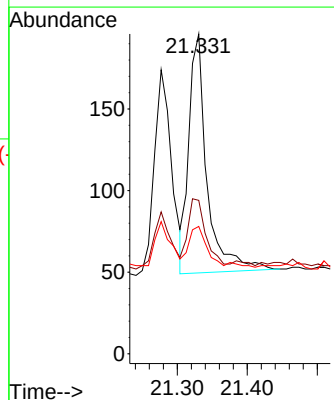
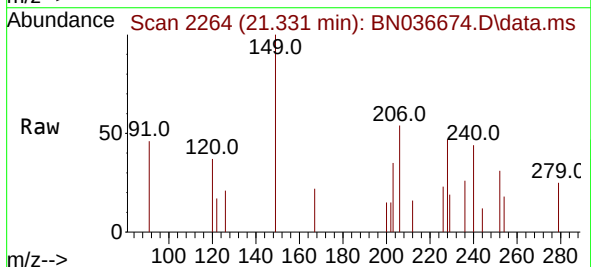
Manual Integrations
 APPROVED

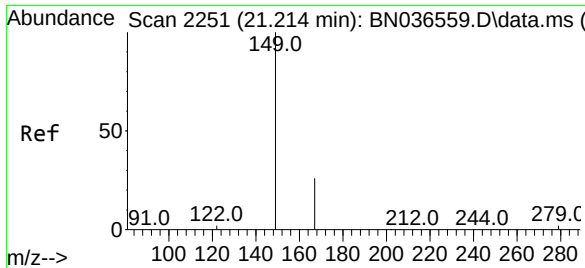
Reviewed By :Anahy Claudio 03/18/2025
 Supervised By :Jagrut Upadhyay 03/18/2025



#33
 Chrysene
 Concen: 0.020 ng
 RT: 21.331 min Scan# 2264
 Delta R.T. 0.000 min
 Lab File: BN036674.D
 Acq: 18 Mar 2025 00:39

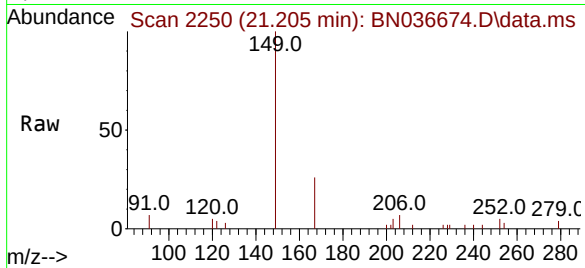
Tgt Ion:228 Resp: 263
 Ion Ratio Lower Upper
 228 100
 226 48.0 25.3 37.9#
 229 39.8 15.8 23.8#





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.388 ng m
 RT: 21.205 min Scan# 2125
 Delta R.T. -0.009 min
 Lab File: BN036674.D
 Acq: 18 Mar 2025 00:39

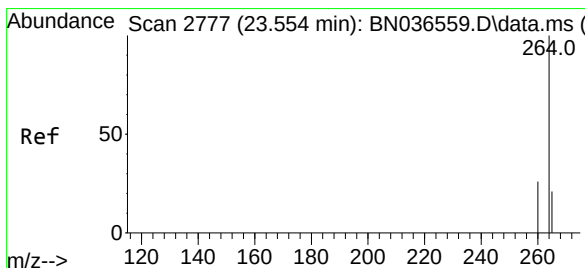
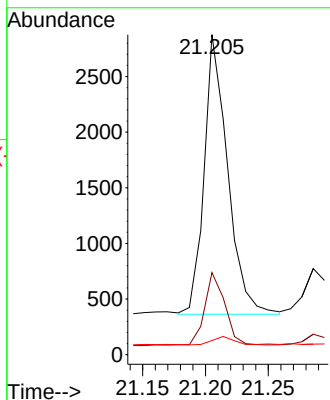
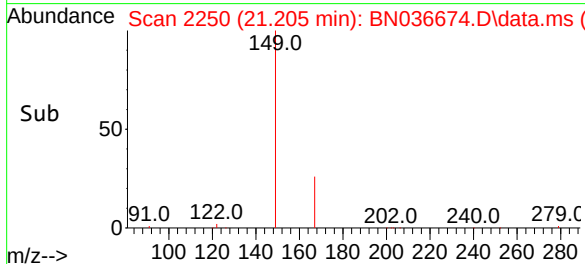
Instrument :
 BNA_N
 ClientSampleId :
 BPOW1-7-20250314



Tgt Ion:149 Resp: 326
 Ion Ratio Lower Upper
 149 100
 167 22.2 20.7 31.1
 279 2.7 3.6 5.4

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/18/2025
 Supervised By :Jagrut Upadhyay 03/18/2025



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.540 min Scan# 2772
 Delta R.T. -0.015 min
 Lab File: BN036674.D
 Acq: 18 Mar 2025 00:39

Tgt Ion:264 Resp: 2777
 Ion Ratio Lower Upper
 264 100
 260 27.9 22.6 33.8
 265 110.2 88.1 132.1

