

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
 Data File : BN036664.D
 Acq On : 17 Mar 2025 17:55
 Operator : RC/JU
 Sample : Q1582-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20250313

Manual Integrations
 APPROVED

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

Quant Time: Mar 18 00:54:48 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	1388	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	3220	0.400	ng	0.00
13) Acenaphthene-d10	14.356	164	1815	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	3277	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	2281	0.400	ng	0.00
35) Perylene-d12	23.546	264	2088	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	457	0.141	ng	0.00
5) Phenol-d6	6.894	99	276	0.069	ng	0.00
8) Nitrobenzene-d5	8.875	82	1004	0.287	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	1266	0.264	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	270	0.328	ng	-0.01
15) 2-Fluorobiphenyl	12.978	172	3280	0.311	ng	0.00
27) Fluoranthene-d10	19.132	212	3419	0.407	ng	0.00
31) Terphenyl-d14	19.736	244	2465	0.451	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.232	88	13781	8.950	ng	96
32) Benzo(a)anthracene	21.277	228	162	0.020	ng	# 45
33) Chrysene	21.331	228	258	0.030	ng	# 54
34) Bis(2-ethylhexyl)phtha...	21.214	149	919	0.163	ng	# 97
41) Benzo(g,h,i)perylene	26.537	276	375m	0.056	ng	

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

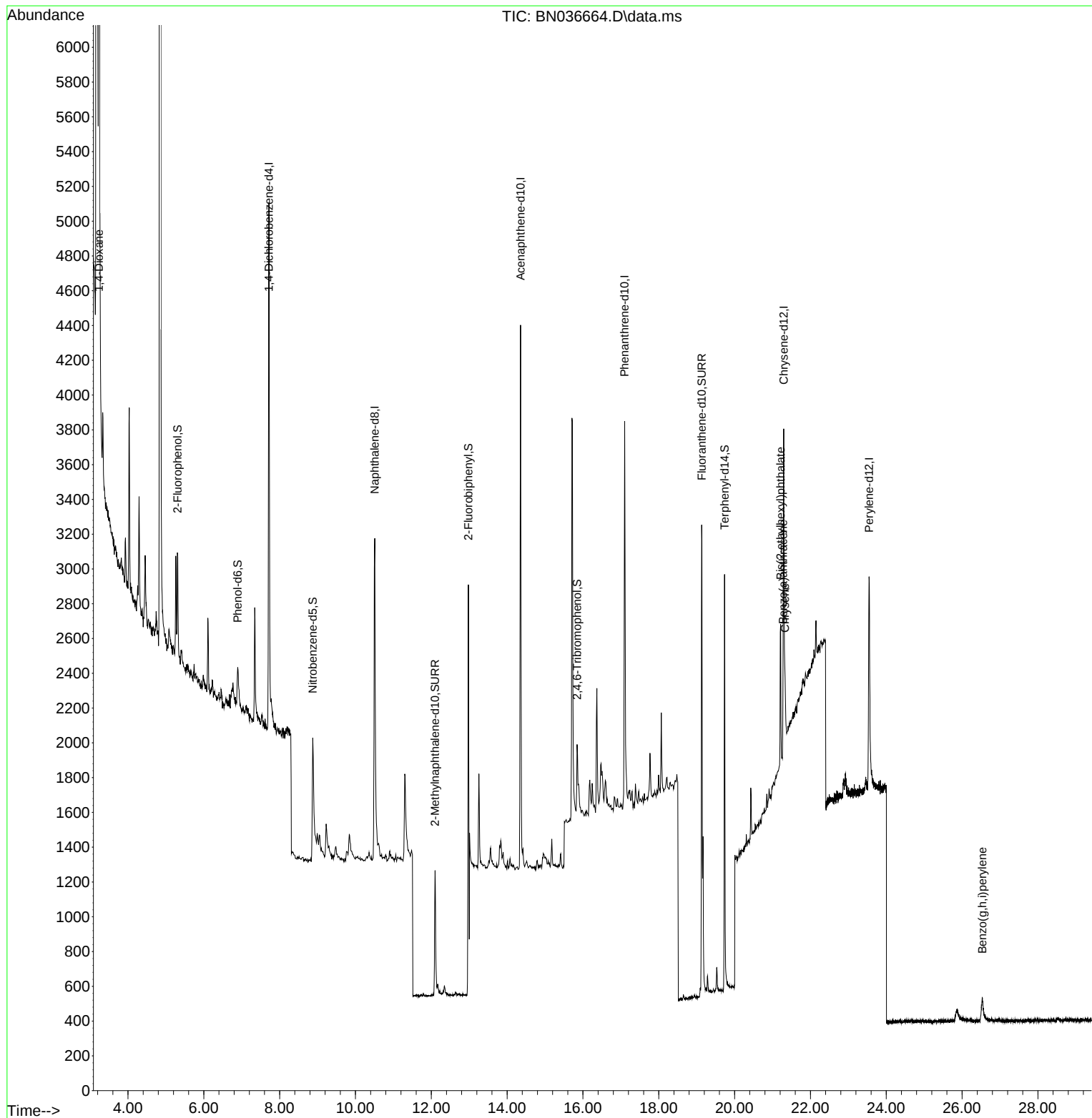
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
Data File : BN036664.D
Acq On : 17 Mar 2025 17:55
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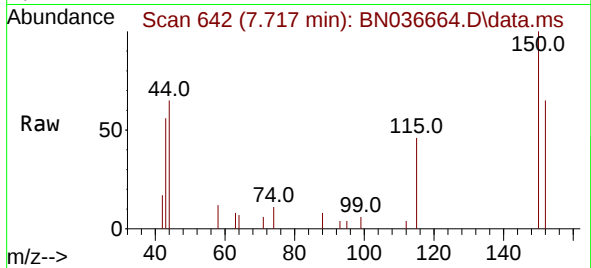
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036664.D
Acq: 17 Mar 2025 17:55

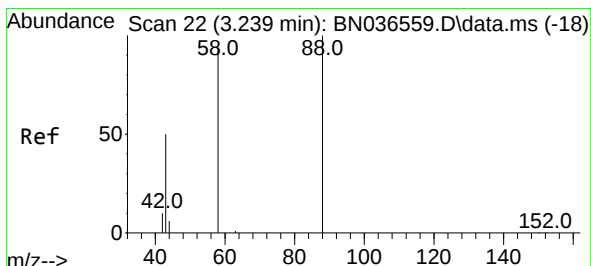
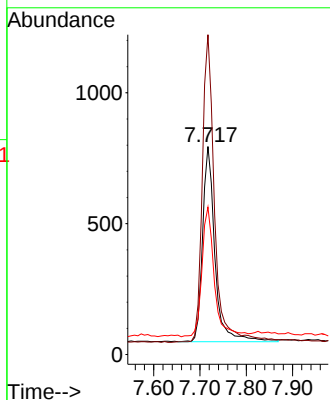
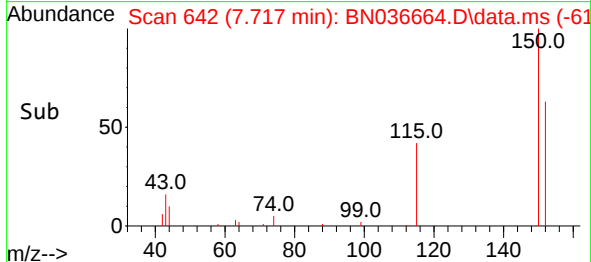
Instrument :
BNA_N
ClientSampleId :
RE131D1-20250313



Tgt Ion: 152 Resp: 1388
Ion Ratio Lower Upper
152 100
150 153.7 123.7 185.5
115 70.8 54.3 81.5

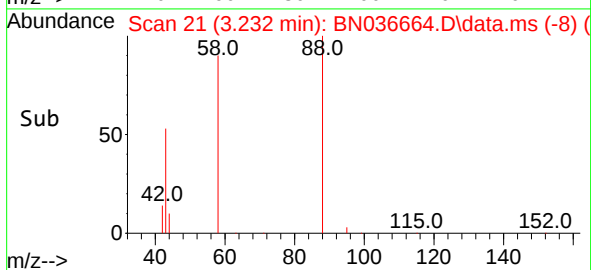
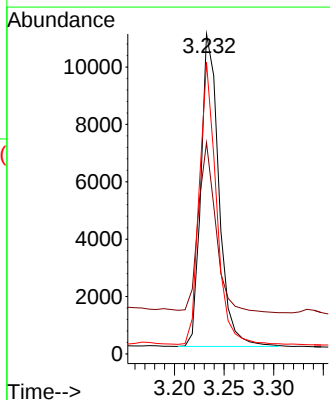
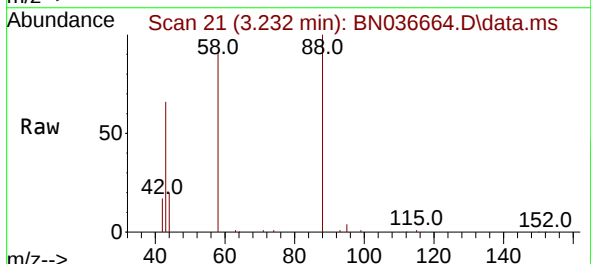
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Supervised By :Jagrut Upadhyay 03/18/2025



#2
1,4-Dioxane
Concen: 8.950 ng
RT: 3.232 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN036664.D
Acq: 17 Mar 2025 17:55

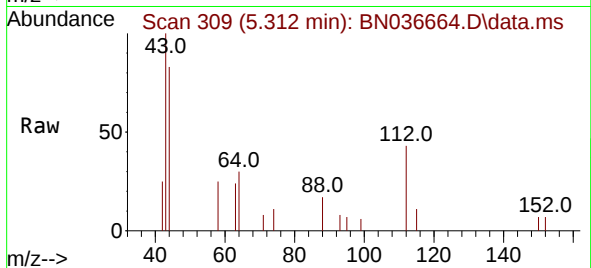
Tgt Ion: 88 Resp: 13781
Ion Ratio Lower Upper
88 100
43 53.2 37.8 56.8
58 85.4 67.4 101.2





#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036664.D
Acq: 17 Mar 2025 17:55

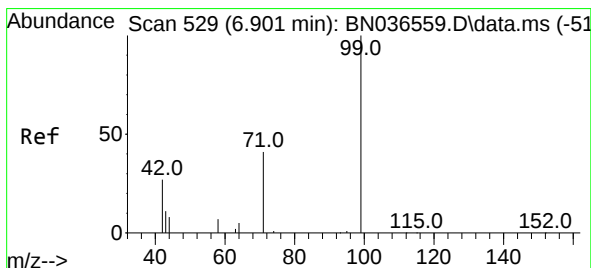
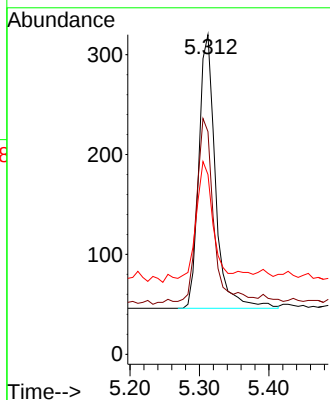
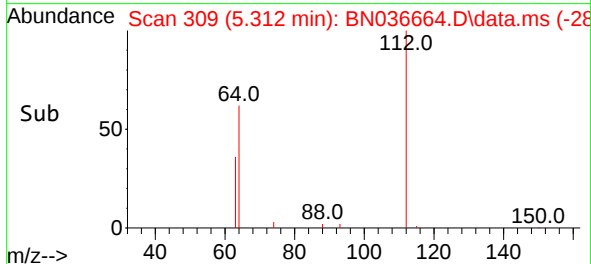
Instrument :
BNA_N
ClientSampleId :
RE131D1-20250313



Tgt Ion: 112 Resp: 45
Ion Ratio Lower Upper
112 100
64 66.7 53.1 79.7
63 47.0 31.8 47.8

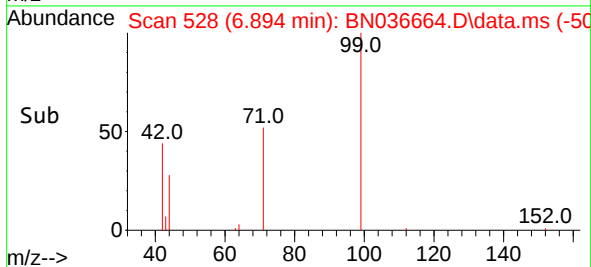
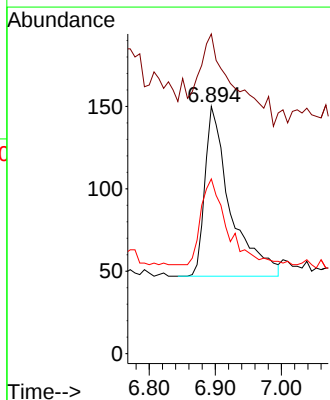
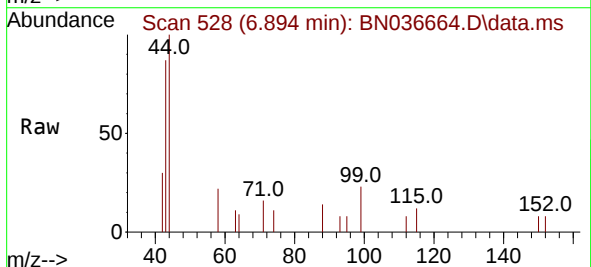
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#5
Phenol-d6
Concen: 0.069 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036664.D
Acq: 17 Mar 2025 17:55

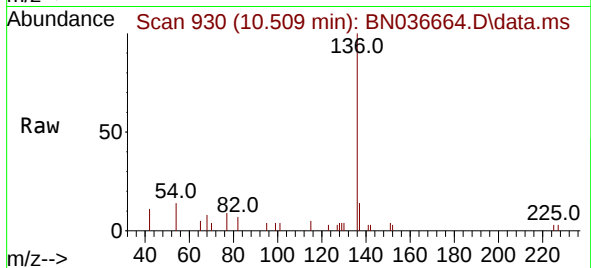
Tgt Ion: 99 Resp: 276
Ion Ratio Lower Upper
99 100
42 51.4 26.5 39.7#
71 55.8 34.1 51.1#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036664.D
Acq: 17 Mar 2025 17:55

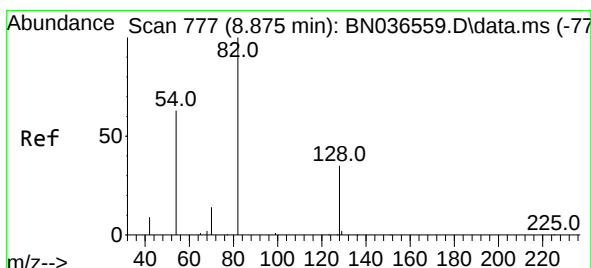
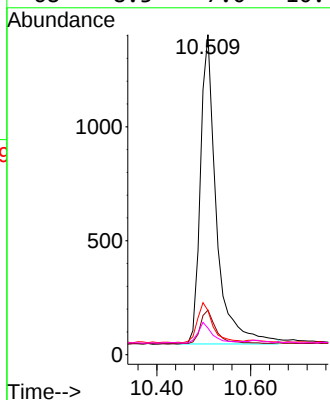
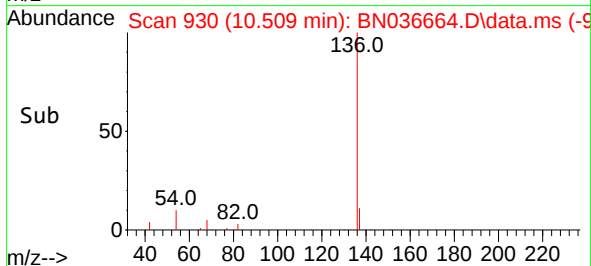
Instrument :
BNA_N
ClientSampleId :
RE131D1-20250313



Tgt Ion	Ratio	Lower	Upper
136	100		
137	13.9	10.3	15.5
54	13.8	11.5	17.3
68	8.3	7.0	10.4

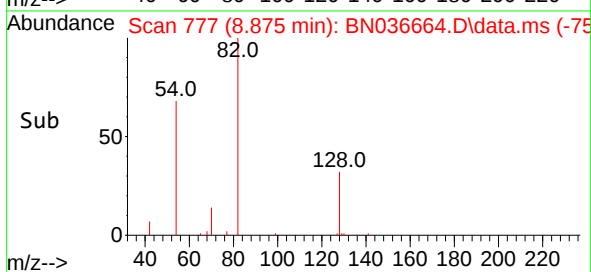
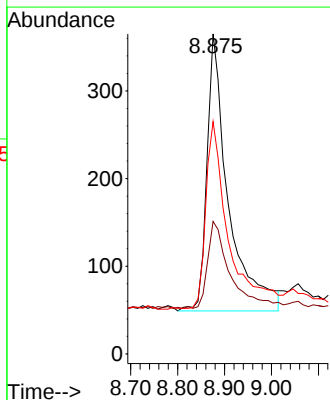
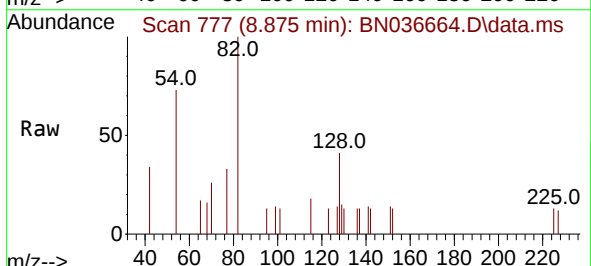
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#8
Nitrobenzene-d5
Concen: 0.287 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036664.D
Acq: 17 Mar 2025 17:55

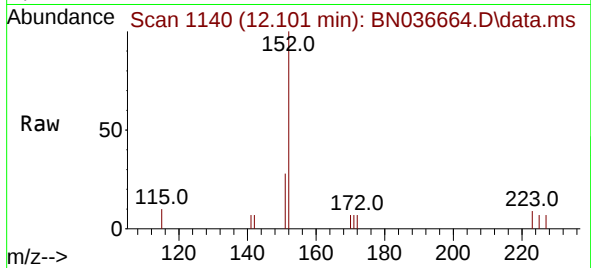
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.4	30.6	45.8
54	72.6	52.2	78.4





#11
2-Methylnaphthalene-d10
Concen: 0.264 ng
RT: 12.101 min Scan# 1142
Delta R.T. -0.010 min
Lab File: BN036664.D
Acq: 17 Mar 2025 17:55

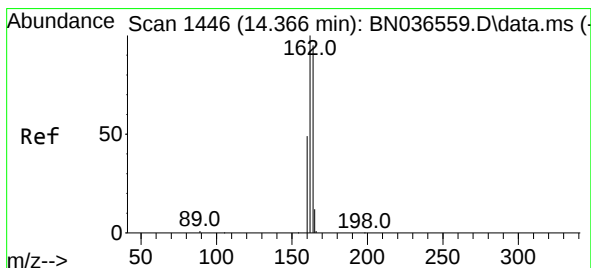
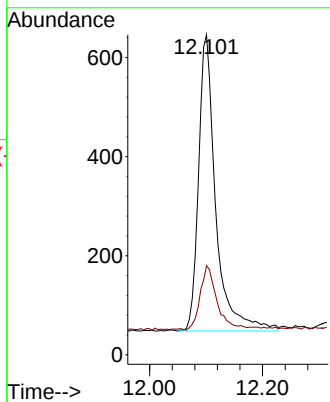
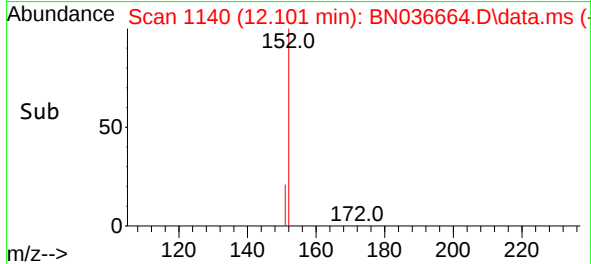
Instrument :
BNA_N
ClientSampleId :
RE131D1-20250313



Tgt Ion:152 Resp: 1260
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6

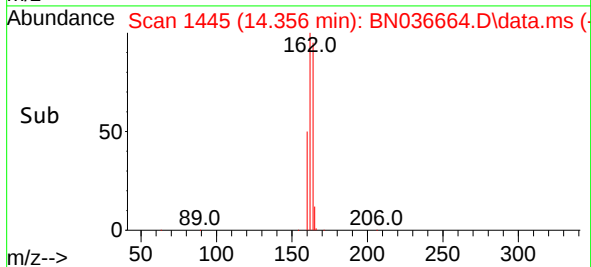
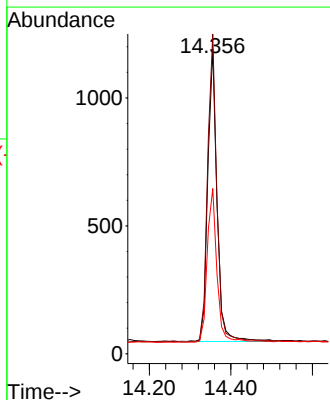
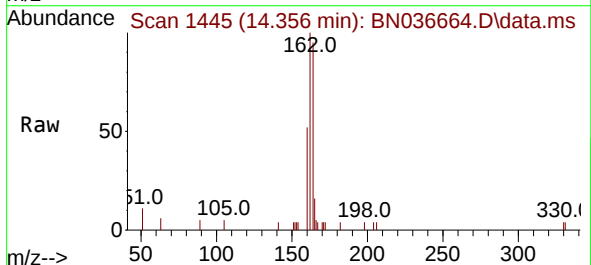
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Supervised By :Jagrut Upadhyay 03/18/2025



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.356 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036664.D
Acq: 17 Mar 2025 17:55

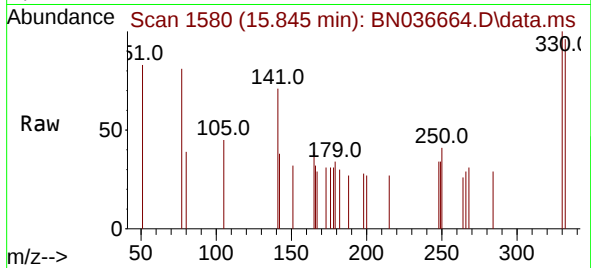
Tgt Ion:164 Resp: 1815
Ion Ratio Lower Upper
164 100
162 104.9 84.2 126.2
160 54.2 42.2 63.2





#14
2,4,6-Tribromophenol
Concen: 0.328 ng
RT: 15.845 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN036664.D
Acq: 17 Mar 2025 17:55

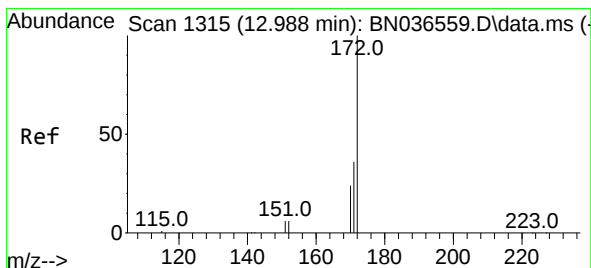
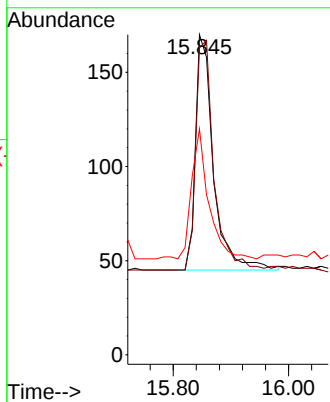
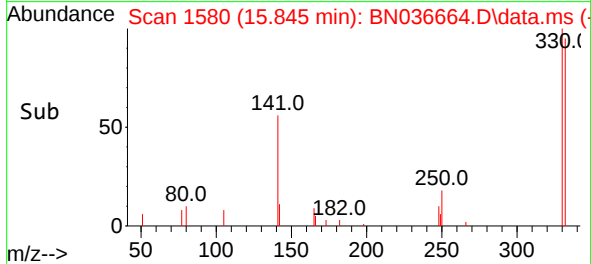
Instrument :
BNA_N
ClientSampleId :
RE131D1-20250313



Tgt Ion:330 Resp: 270
Ion Ratio Lower Upper
330 100
332 98.9 75.2 112.8
141 53.0 43.4 65.2

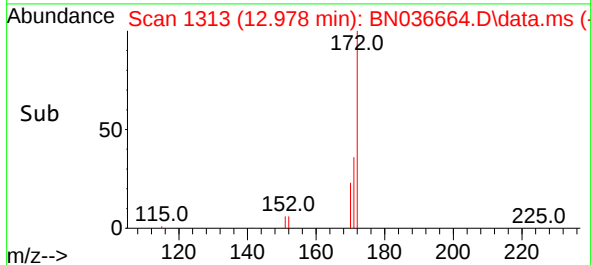
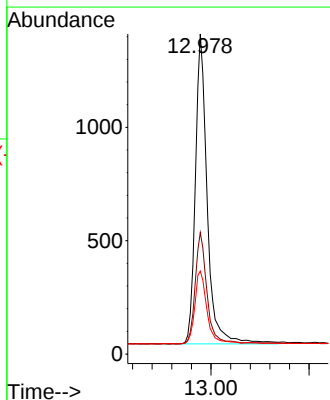
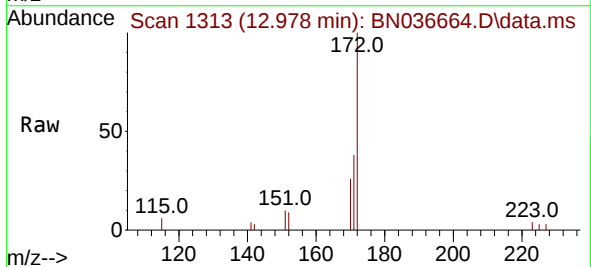
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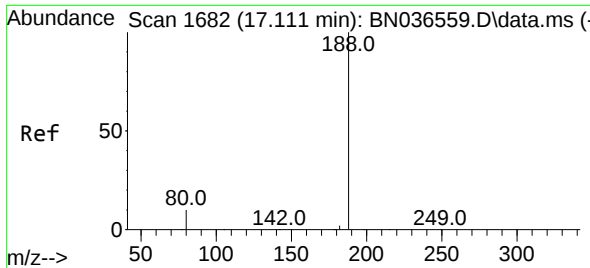
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 12.978 min Scan# 1313
Delta R.T. -0.010 min
Lab File: BN036664.D
Acq: 17 Mar 2025 17:55

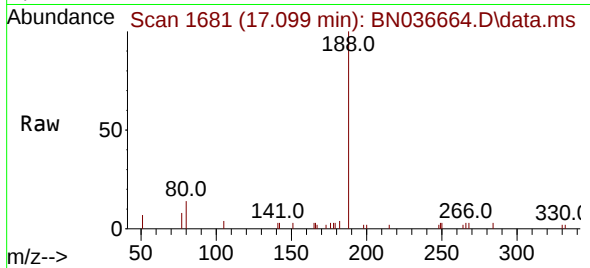
Tgt Ion:172 Resp: 3280
Ion Ratio Lower Upper
172 100
171 38.0 29.5 44.3
170 25.9 20.2 30.4





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN036664.D
Acq: 17 Mar 2025 17:55

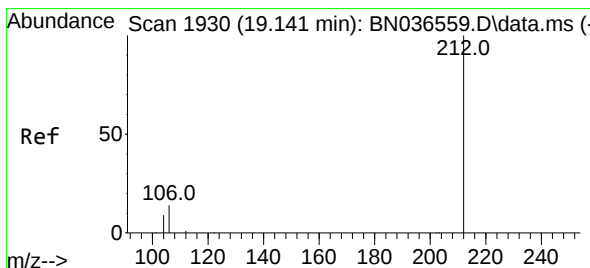
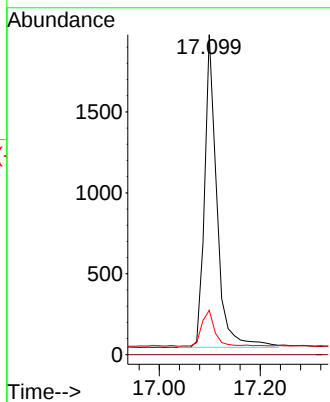
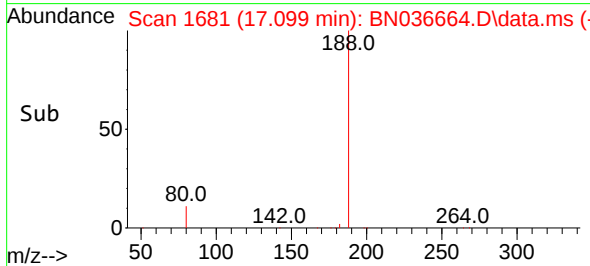
Instrument :
BNA_N
ClientSampleId :
RE131D1-20250313



Tgt Ion:188 Resp: 327
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 8.8 13.2

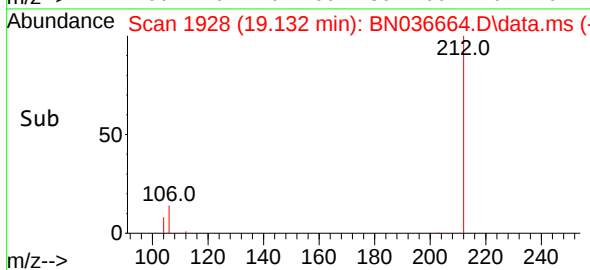
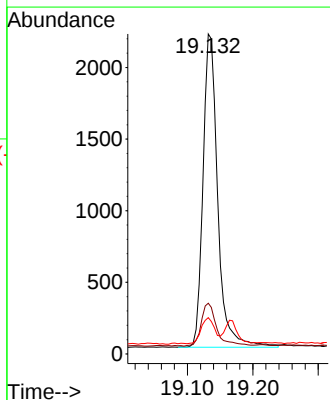
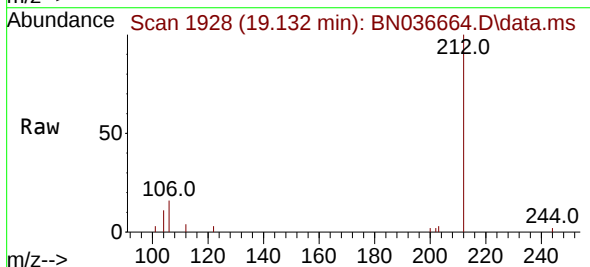
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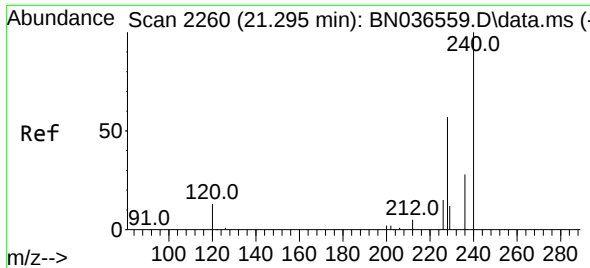
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#27
Fluoranthene-d10
Concen: 0.407 ng
RT: 19.132 min Scan# 1928
Delta R.T. -0.009 min
Lab File: BN036664.D
Acq: 17 Mar 2025 17:55

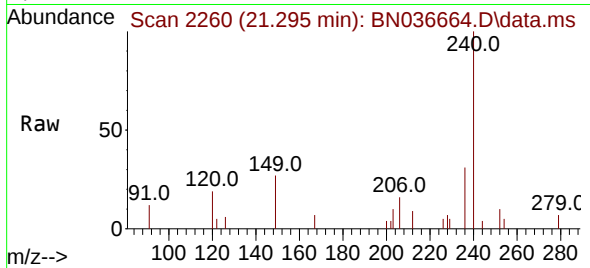
Tgt Ion:212 Resp: 3419
Ion Ratio Lower Upper
212 100
106 14.4 11.8 17.6
104 7.7 7.3 10.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BN036664.D
Acq: 17 Mar 2025 17:55

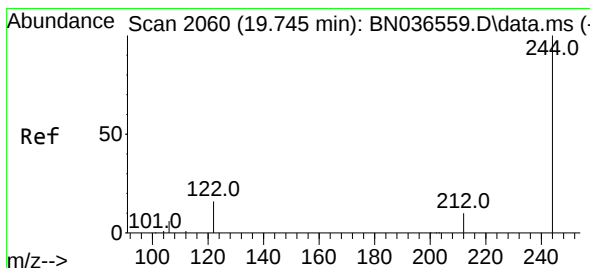
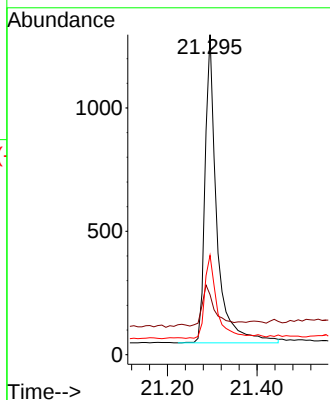
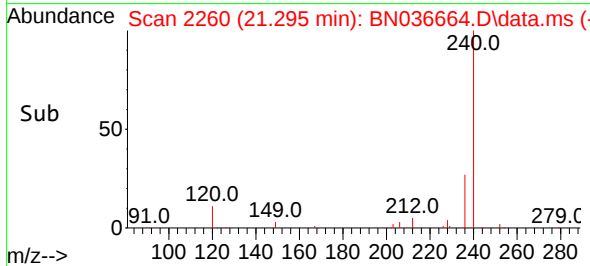
Instrument :
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RE131D1-20250313



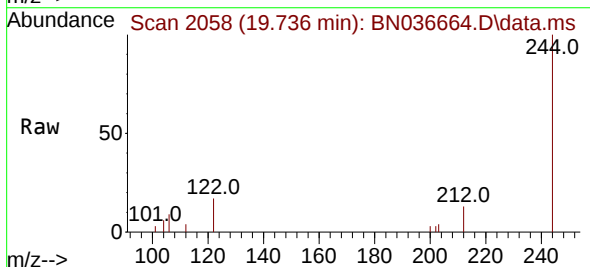
Tgt Ion:240 Resp: 228
Ion Ratio Lower Upper
240 100
120 18.7 14.6 22.0
236 31.1 24.1 36.1

Manual Integrations
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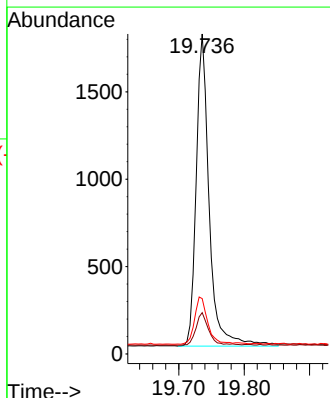
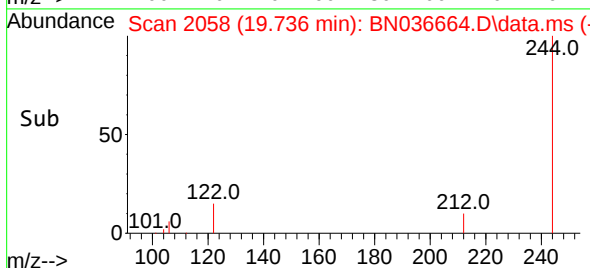
Reviewed By :Anahy Claudio 03/18/2025
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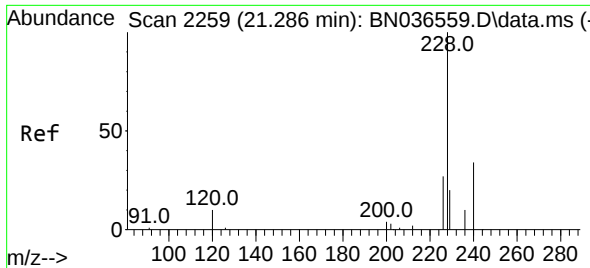


#31
Terphenyl-d14
Concen: 0.451 ng
RT: 19.736 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BN036664.D
Acq: 17 Mar 2025 17:55



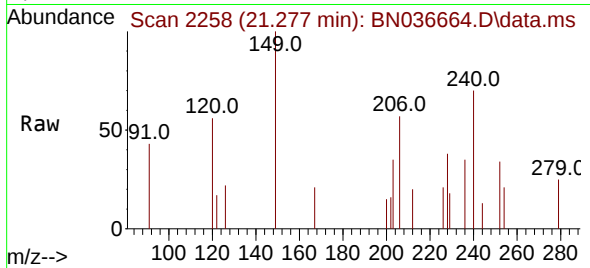
Tgt Ion:244 Resp: 2465
Ion Ratio Lower Upper
244 100
212 12.9 9.6 14.4
122 17.3 13.9 20.9





#32
Benzo(a)anthracene
Concen: 0.020 ng
RT: 21.277 min Scan# 2125
Delta R.T. -0.009 min
Lab File: BN036664.D
Acq: 17 Mar 2025 17:55

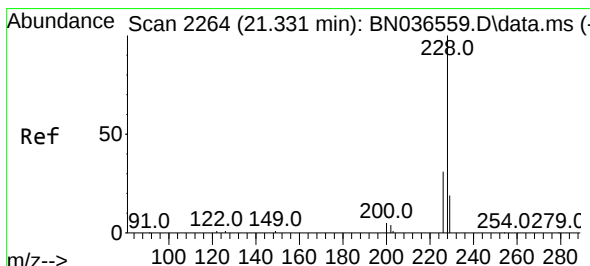
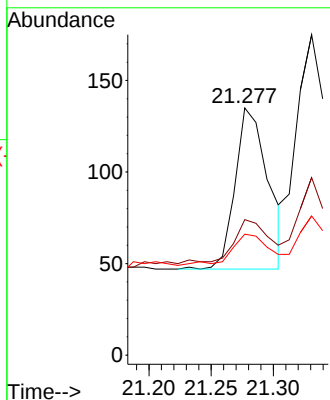
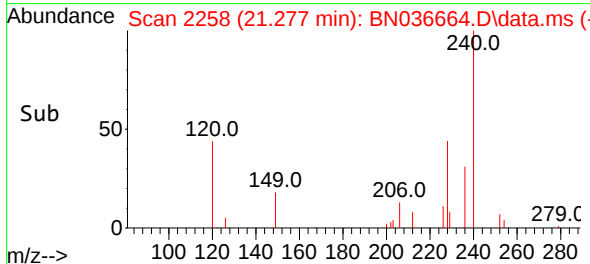
Instrument :
BNA_N
ClientSampleId :
RE131D1-20250313



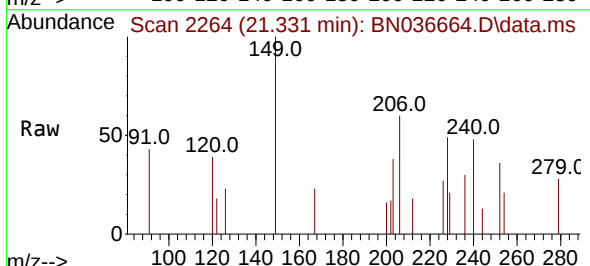
Tgt Ion:228 Resp: 162
Ion Ratio Lower Upper
228 100
226 54.8 22.5 33.7
229 48.9 16.6 25.0

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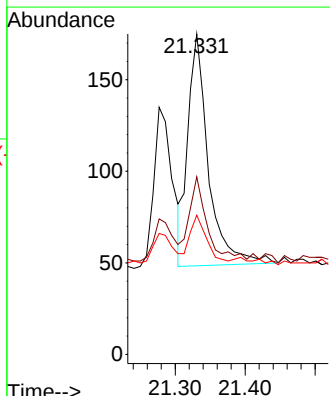
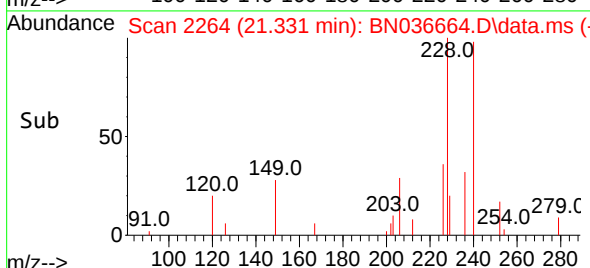
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

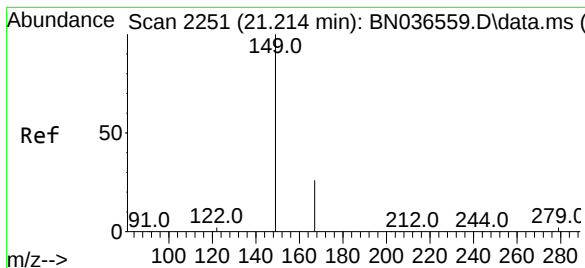


#33
Chrysene
Concen: 0.030 ng
RT: 21.331 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BN036664.D
Acq: 17 Mar 2025 17:55



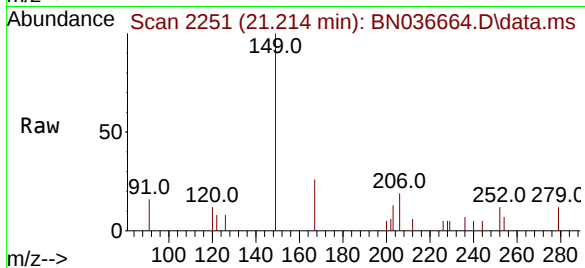
Tgt Ion:228 Resp: 258
Ion Ratio Lower Upper
228 100
226 55.4 25.3 37.9#
229 43.4 15.8 23.8#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.163 ng
RT: 21.214 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BN036664.D
Acq: 17 Mar 2025 17:55

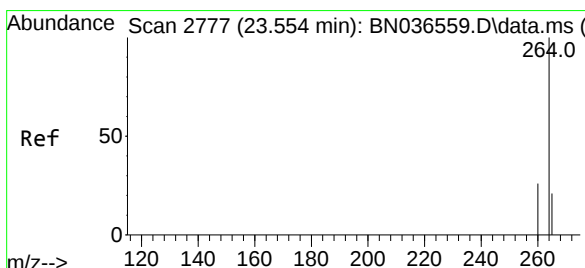
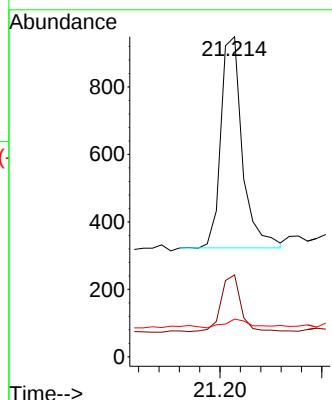
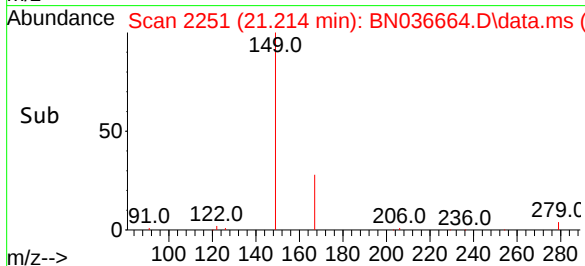
Instrument :
BNA_N
ClientSampleId :
RE131D1-20250313



Tgt Ion:149 Resp: 919
Ion Ratio Lower Upper
149 100
167 24.6 20.7 31.1
279 5.5 3.6 5.4

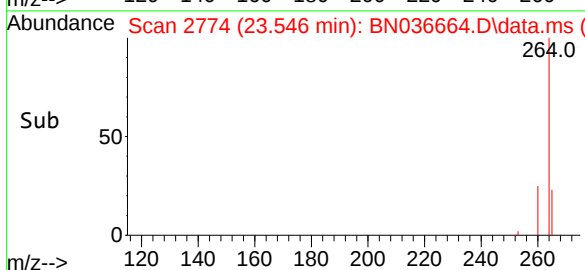
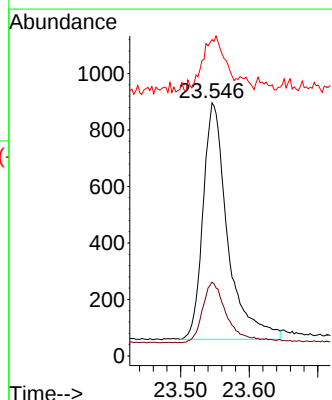
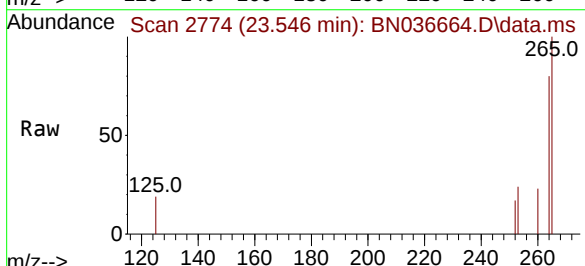
Manual Integrations
APPROVED

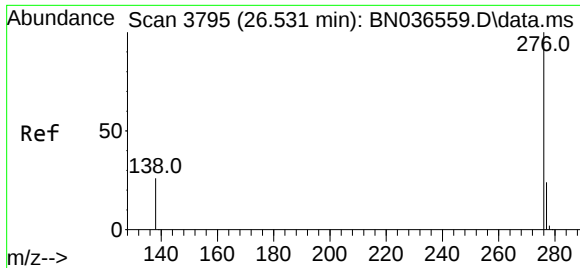
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.546 min Scan# 2774
Delta R.T. -0.009 min
Lab File: BN036664.D
Acq: 17 Mar 2025 17:55

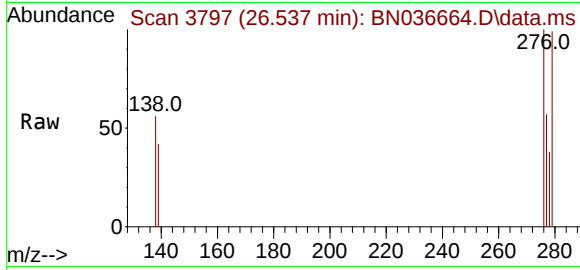
Tgt Ion:264 Resp: 2088
Ion Ratio Lower Upper
264 100
260 29.1 22.6 33.8
265 125.0 88.1 132.1





#41
Benzo(g,h,i)perylene
Concen: 0.056 ng m
RT: 26.537 min Scan# 31
Delta R.T. 0.006 min
Lab File: BN036664.D
Acq: 17 Mar 2025 17:55

Instrument :
BNA_N
ClientSampleId :
RE131D1-20250313



Tgt Ion:	276	Resp:	379
Ion	Ratio	Lower	Upper
276	100		
277	56.6	22.2	33.4
138	55.9	24.1	36.1

Manual Integrations
APPROVED

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

