

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035806.D
 Acq On : 24 Dec 2024 05:23
 Operator : RC/JU
 Sample : P5317-07
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20241216

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 05:58:59 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	7.264	152	3576	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	8965	0.400	ng	#-0.01
13) Acenaphthene-d10	13.925	164	6221	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	13726	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	11081	0.400	ng	0.00
35) Perylene-d12	23.029	264	9977	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	816	0.091	ng	0.00
5) Phenol-d6	6.484	99	437	0.041	ng	0.00
8) Nitrobenzene-d5	8.408	82	2195m	0.401	ng	0.00
11) 2-Methylnaphthalene-d10	11.611	152	5331	0.380	ng	-0.01
14) 2,4,6-Tribromophenol	15.443	330	657	0.149	ng	-0.01
15) 2-Fluorobiphenyl	12.528	172	8645	0.368	ng	-0.02
27) Fluoranthene-d10	18.752	212	16043	0.412	ng	0.00
31) Terphenyl-d14	19.379	244	15895	0.727	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	2271	0.664	ng	99
25) Phenanthrene	16.736	178	1310	0.035	ng	98
26) Anthracene	16.835	178	686	0.020	ng	98
28) Fluoranthene	18.780	202	4828	0.095	ng	99
30) Pyrene	19.147	202	3511	0.086	ng	99
32) Benzo(a)anthracene	20.929	228	2220	0.057	ng	93
33) Chrysene	20.983	228	3647	0.091	ng	97
34) Bis(2-ethylhexyl)phtha...	20.902	149	1926	0.126	ng	97
36) Indeno(1,2,3-cd)pyrene	25.064	276	1824	0.047	ng	# 68
37) Benzo(b)fluoranthene	22.421	252	3115	0.085	ng	# 61
38) Benzo(k)fluoranthene	22.465	252	2679	0.075	ng	# 56
39) Benzo(a)pyrene	22.945	252	1520	0.051	ng	# 23
40) Dibenzo(a,h)anthracene	25.091	278	1232	0.040	ng	# 28
41) Benzo(g,h,i)perylene	25.670	276	1419	0.044	ng	# 75

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

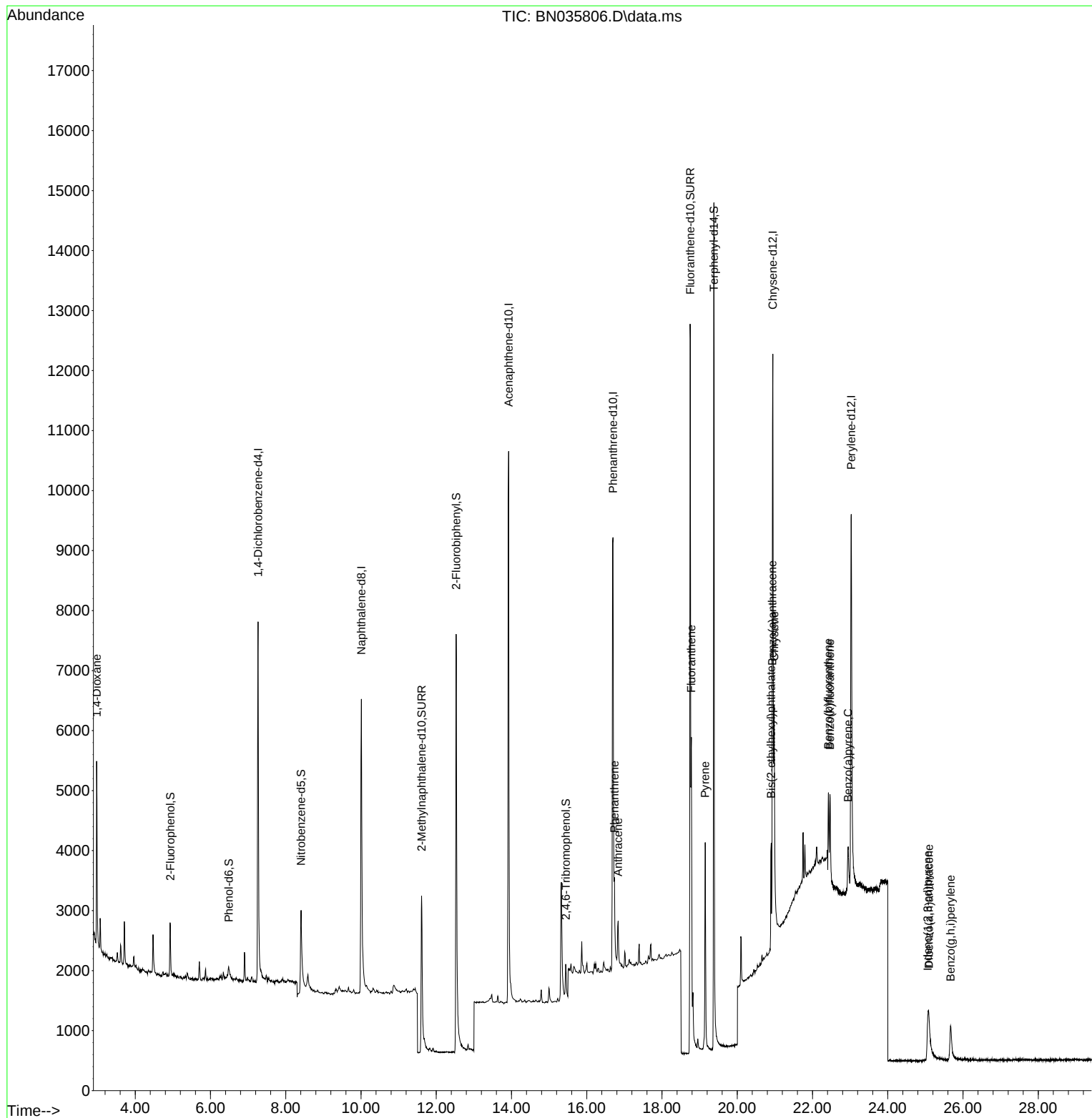
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
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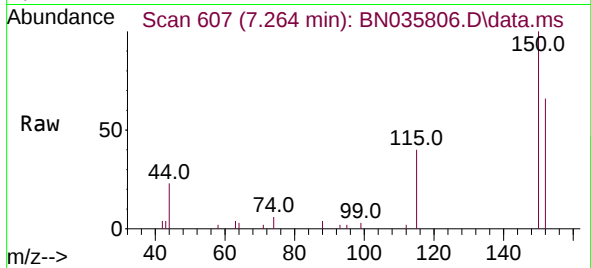
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

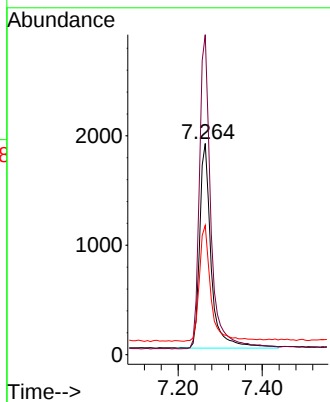
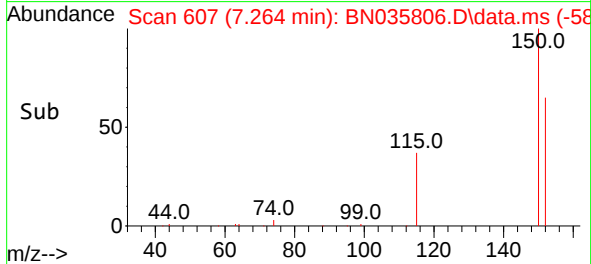
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20241216



Tgt Ion:152 Resp: 3570
Ion Ratio Lower Upper
152 100
150 151.6 124.0 186.0
115 61.2 49.6 74.4

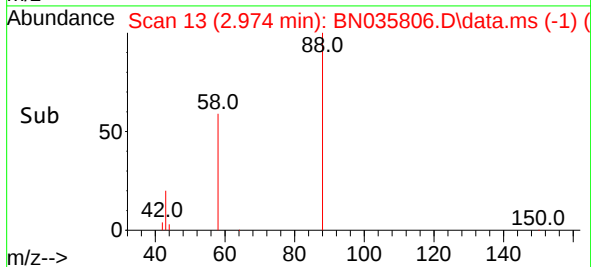
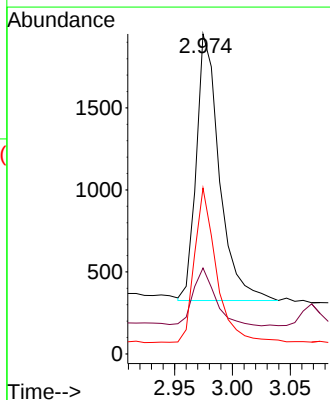
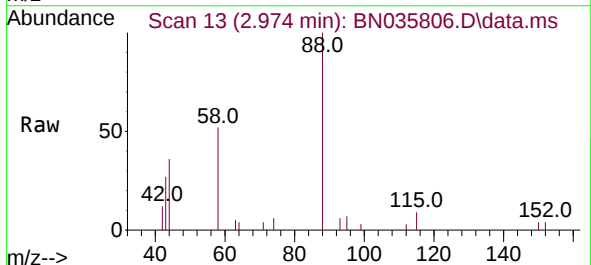
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#2
1,4-Dioxane
Concen: 0.664 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

Tgt Ion: 88 Resp: 2271
Ion Ratio Lower Upper
88 100
43 20.9 17.2 25.8
58 54.5 44.5 66.7





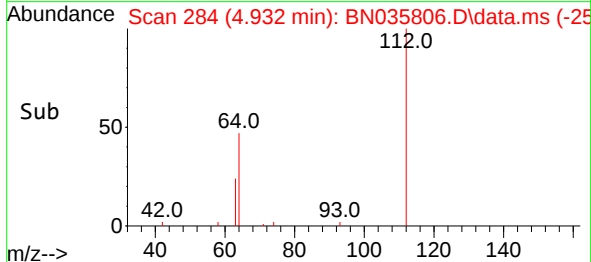
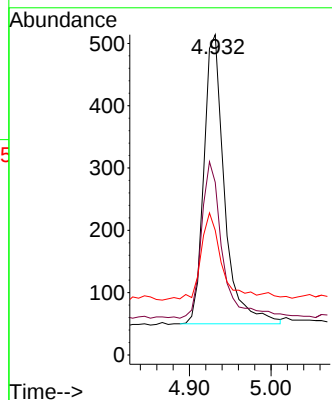
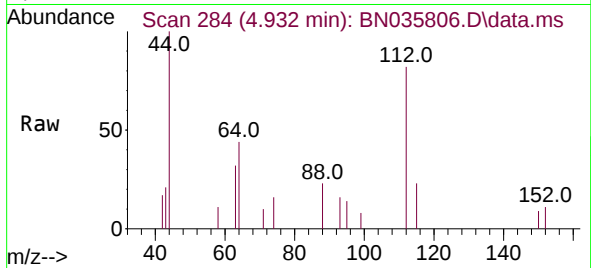
#4
2-Fluorophenol
Concen: 0.091 ng
RT: 4.932 min Scan# 289
Delta R.T. -0.007 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20241216

Tgt Ion:112 Resp: 810
Ion Ratio Lower Upper
112 100
64 56.0 39.8 59.8
63 32.5 21.0 31.6

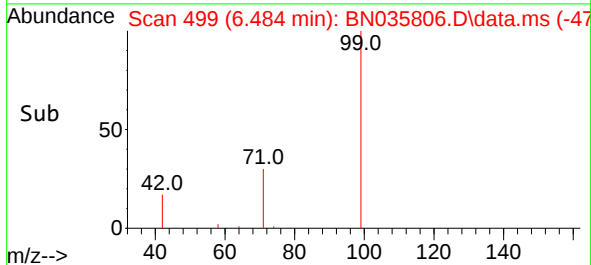
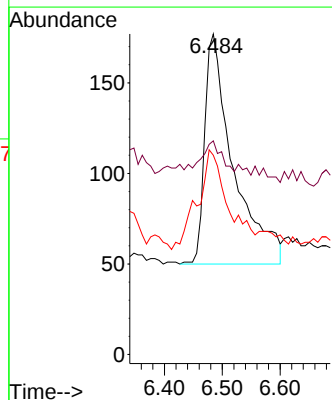
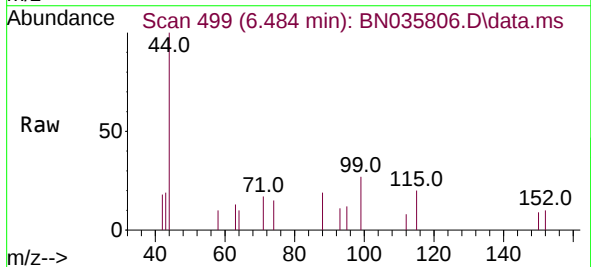
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#5
Phenol-d6
Concen: 0.041 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

Tgt Ion: 99 Resp: 437
Ion Ratio Lower Upper
99 100
42 8.9 11.4 17.2#
71 46.5 29.3 43.9#





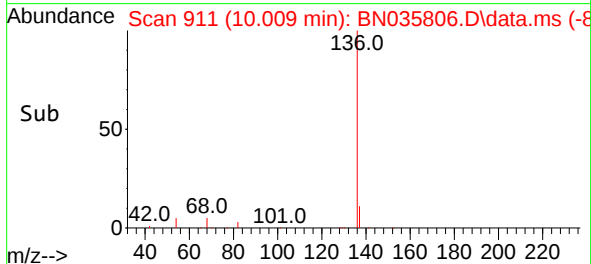
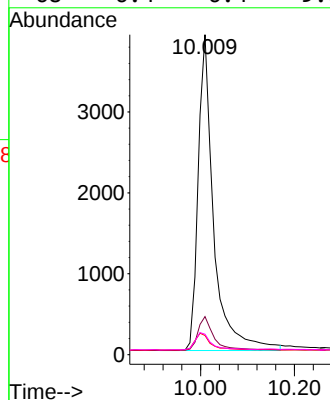
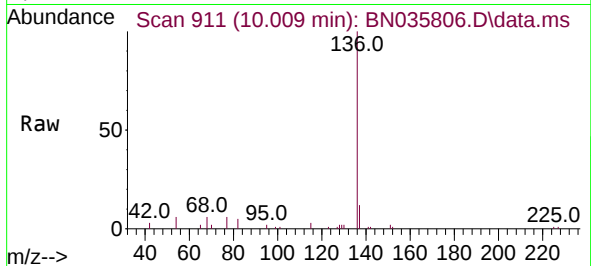
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20241216

Tgt Ion:136	Resp:	896
Ion Ratio	Lower	Upper
136	100	
137	11.9	10.2 15.2
54	6.0	6.1 9.1
68	6.4	6.4 9.6

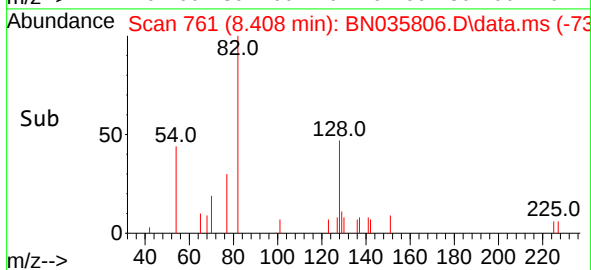
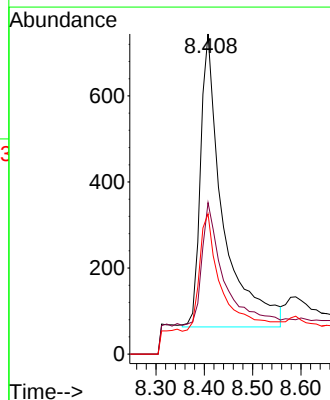
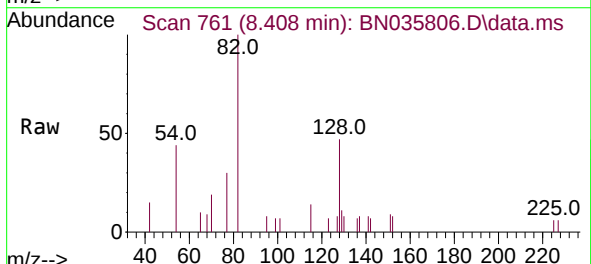
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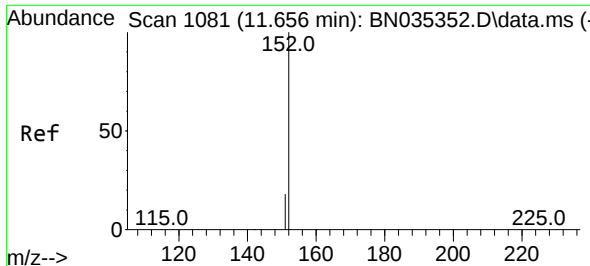
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#8
Nitrobenzene-d5
Concen: 0.401 ng m
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

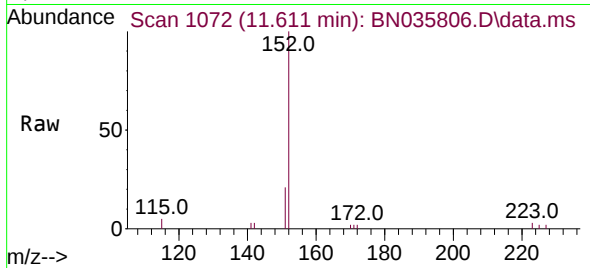
Tgt Ion: 82	Resp:	2195
Ion Ratio	Lower	Upper
82	100	
128	47.3	33.4 50.0
54	43.8	36.7 55.1





#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 11.611 min Scan# 1081
Delta R.T. -0.010 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

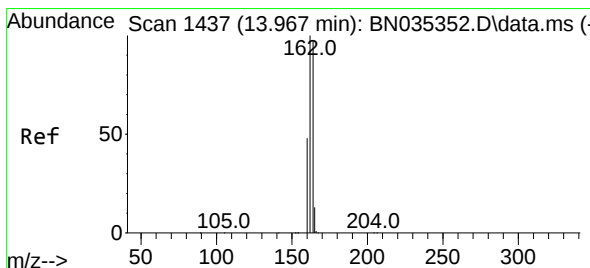
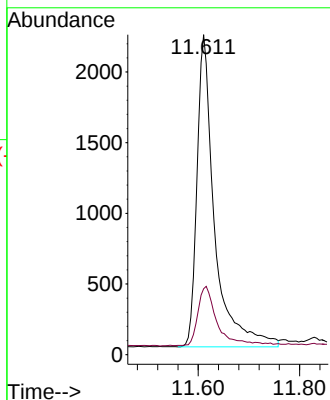
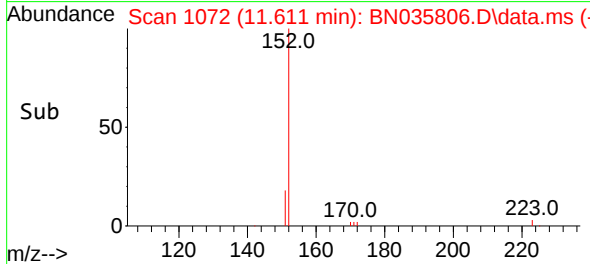
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20241216



Tgt Ion:152 Resp: 533
Ion Ratio Lower Upper
152 100
151 19.9 16.6 25.0

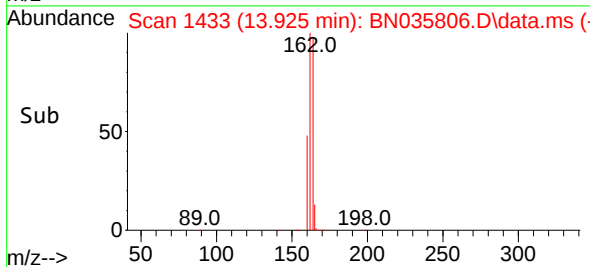
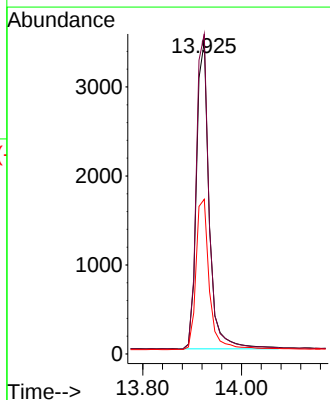
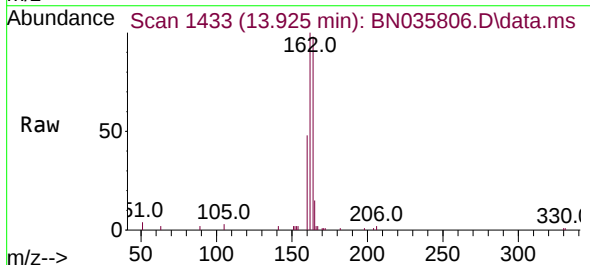
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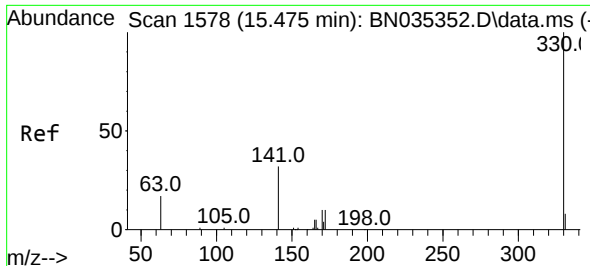
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Supervised By :mohammad ahmed 12/26/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

Tgt Ion:164 Resp: 6221
Ion Ratio Lower Upper
164 100
162 102.4 82.2 123.2
160 49.5 40.1 60.1





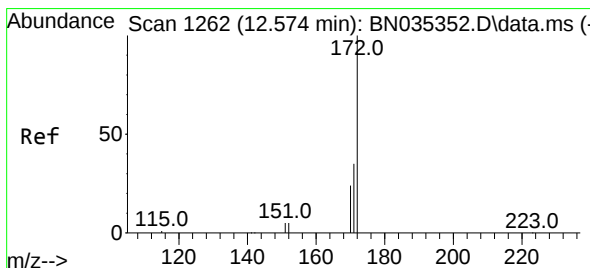
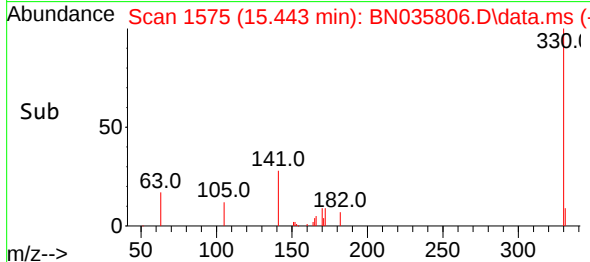
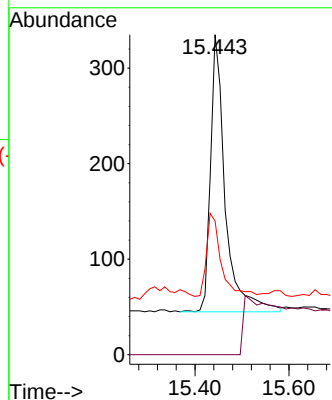
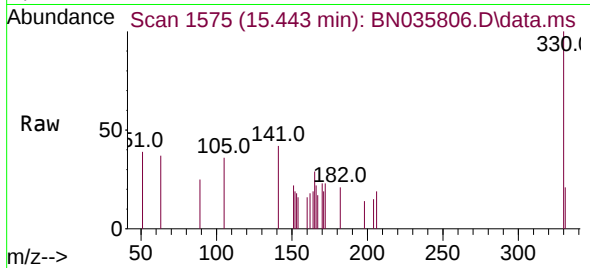
#14
2,4,6-Tribromophenol
Concen: 0.149 ng
RT: 15.443 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20241216

Tgt Ion:330 Resp: 65
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.5 26.6 40.0

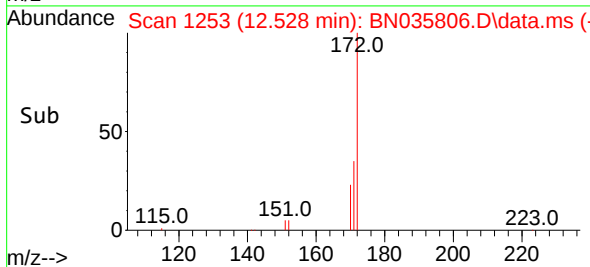
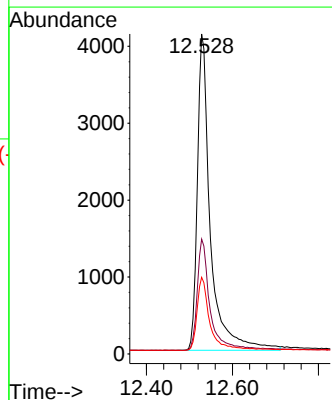
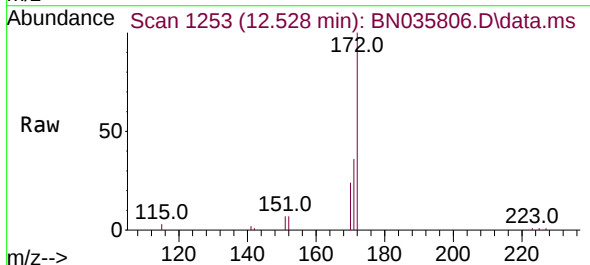
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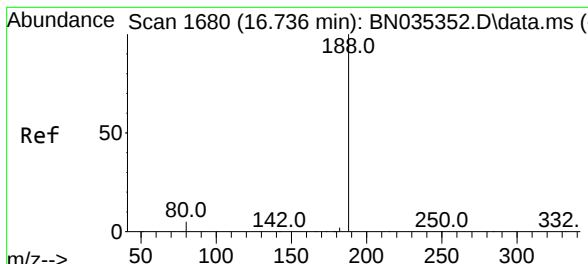
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Supervised By :mohammad ahmed 12/26/2024



#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 12.528 min Scan# 1253
Delta R.T. -0.015 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

Tgt Ion:172 Resp: 8645
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 24.0 19.8 29.8





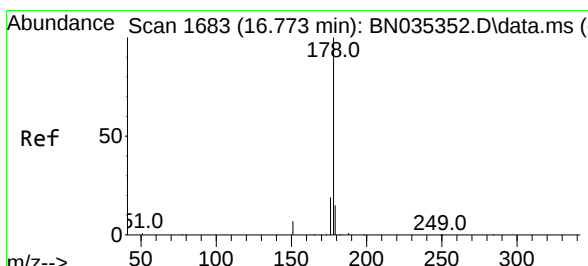
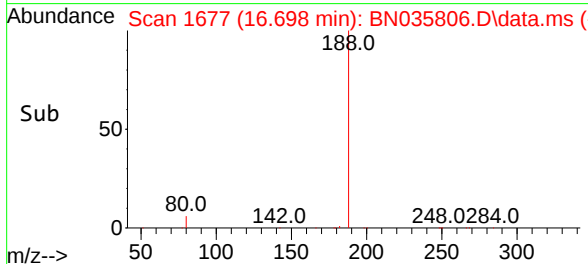
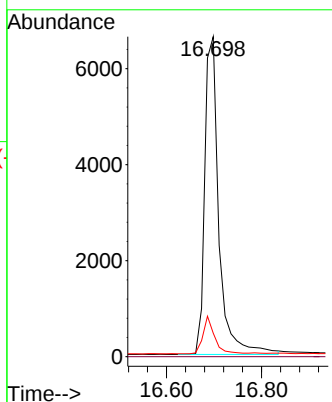
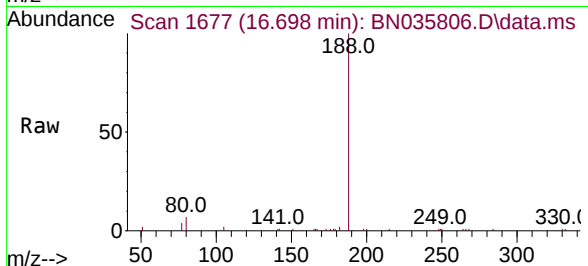
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

Instrument : BNA_N
ClientSampleId : RW8-MW01S-20241216

Tgt Ion:188	Resp: 13720
Ion Ratio	Lower Upper
188	100
94	0.0 0.0 0.0
80	7.4 4.6 6.8

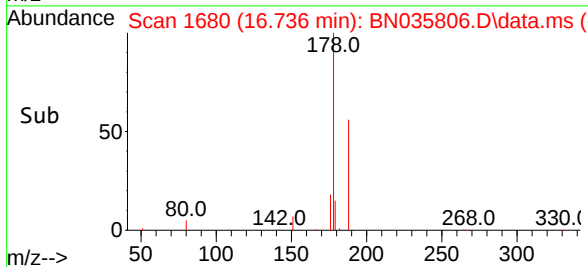
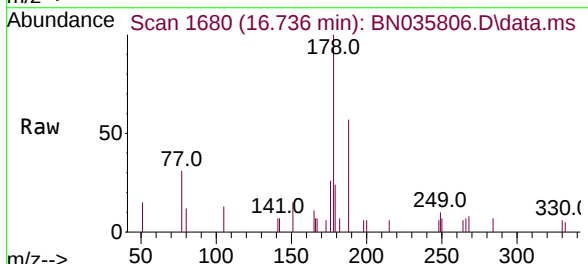
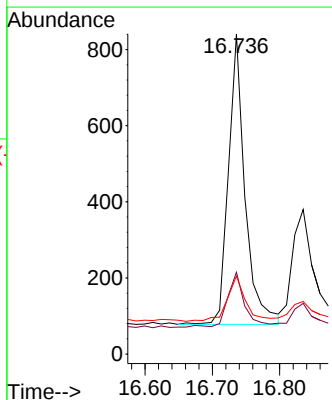
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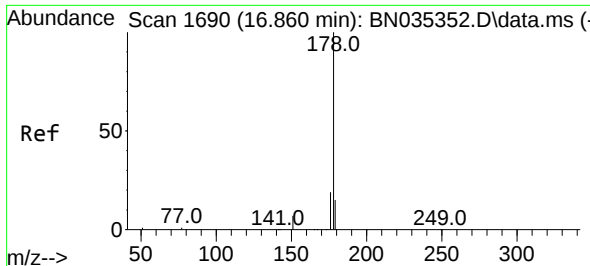
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#25
Phenanthrene
Concen: 0.035 ng
RT: 16.736 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

Tgt Ion:178	Resp: 1310
Ion Ratio	Lower Upper
178	100
176	19.2 15.4 23.2
179	17.3 12.3 18.5





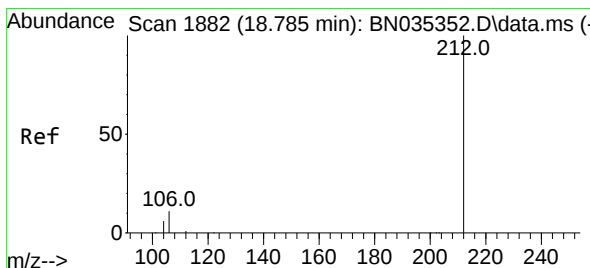
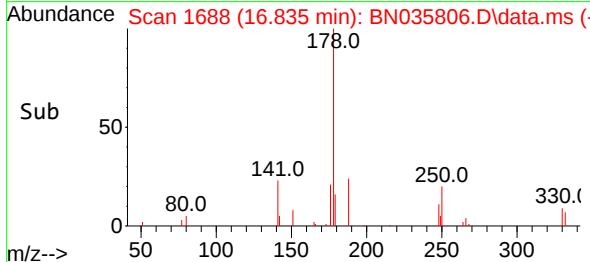
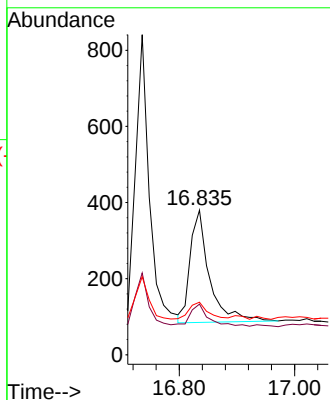
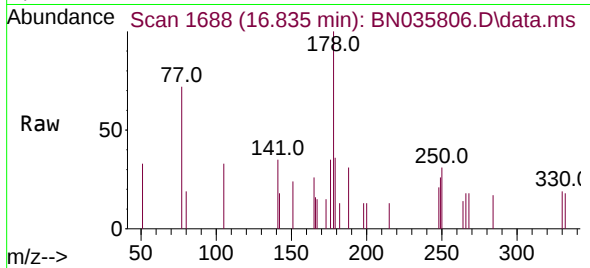
#26
Anthracene
Concen: 0.020 ng
RT: 16.835 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20241216

Tgt Ion:178 Resp: 680
Ion Ratio Lower Upper
178 100
176 19.7 15.0 22.6
179 14.7 12.6 18.8

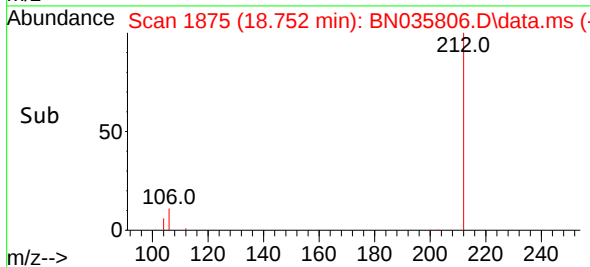
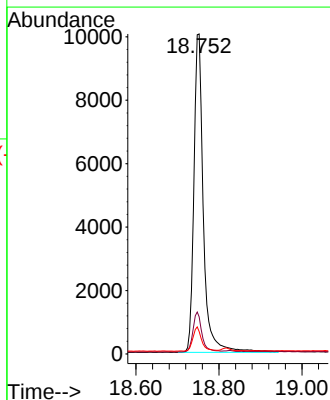
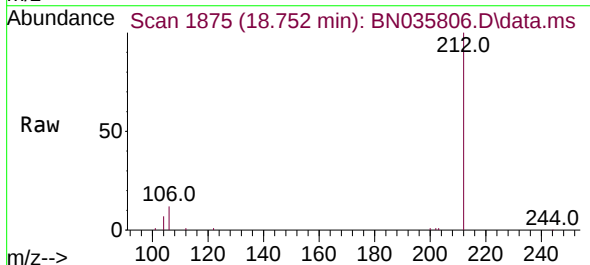
Manual Integrations
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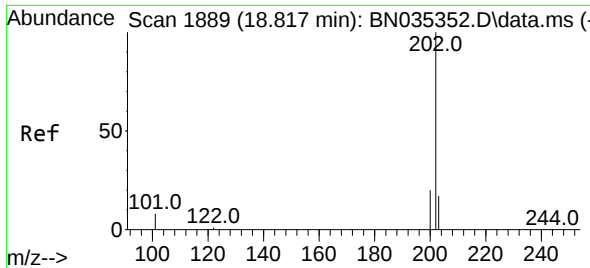
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#27
Fluoranthene-d10
Concen: 0.412 ng
RT: 18.752 min Scan# 1875
Delta R.T. -0.009 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

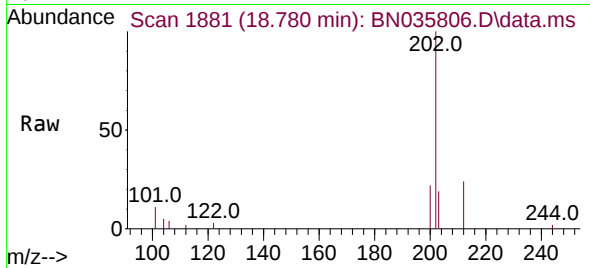
Tgt Ion:212 Resp: 16043
Ion Ratio Lower Upper
212 100
106 11.8 9.2 13.8
104 7.0 5.3 7.9





#28
Fluoranthene
Concen: 0.095 ng
RT: 18.780 min Scan# 1889
Delta R.T. -0.009 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

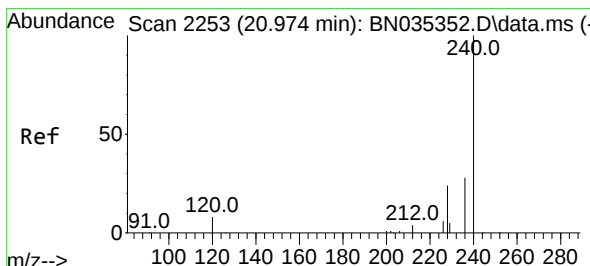
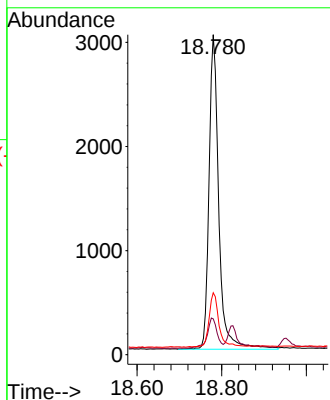
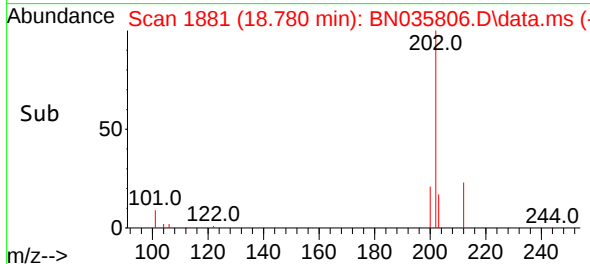
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20241216



Tgt Ion:202 Resp: 4828
Ion Ratio Lower Upper
202 100
101 9.9 7.4 11.0
203 17.3 13.7 20.5

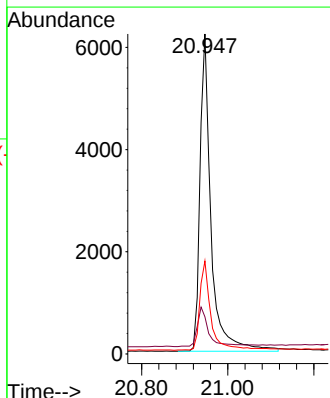
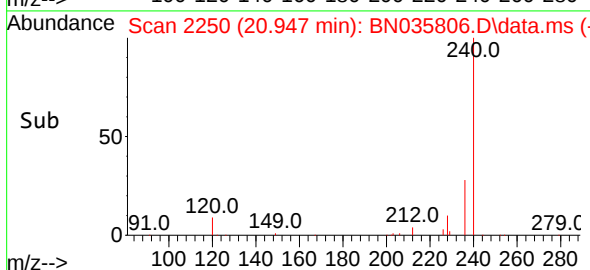
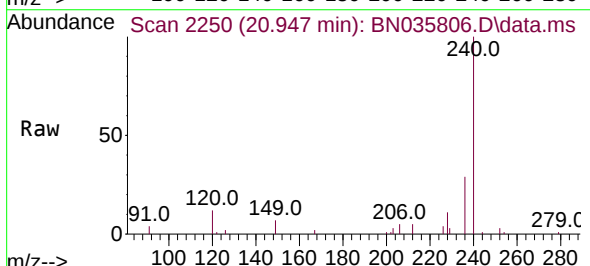
Manual Integrations
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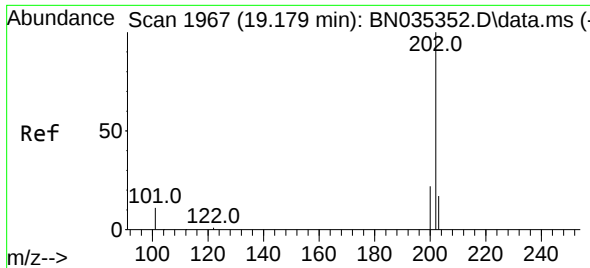
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

Tgt Ion:240 Resp: 11081
Ion Ratio Lower Upper
240 100
120 11.6 7.9 11.9
236 29.0 22.9 34.3





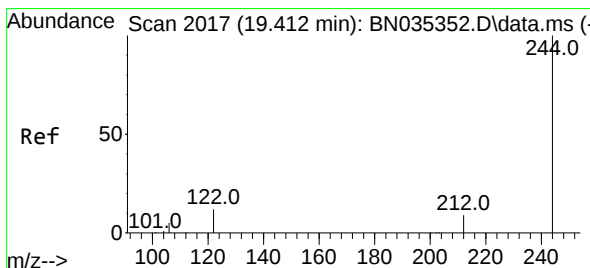
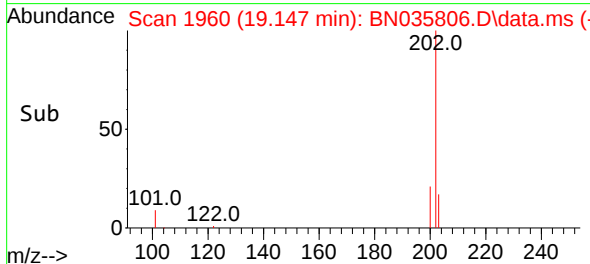
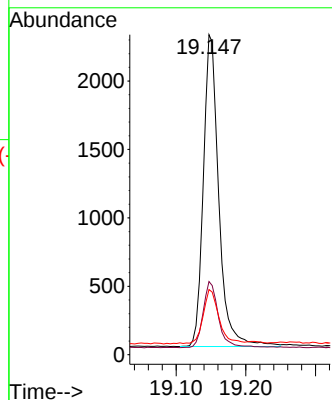
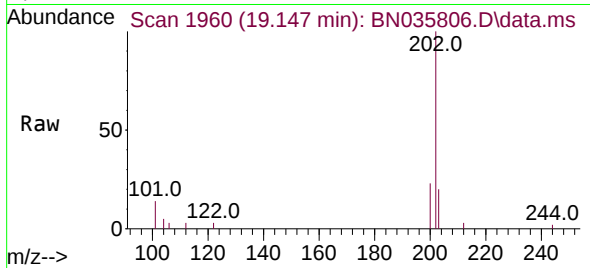
#30
Pyrene
Concen: 0.086 ng
RT: 19.147 min Scan# 1967
Delta R.T. -0.014 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20241216

Tgt Ion:202 Resp: 351
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.3 14.3 21.5

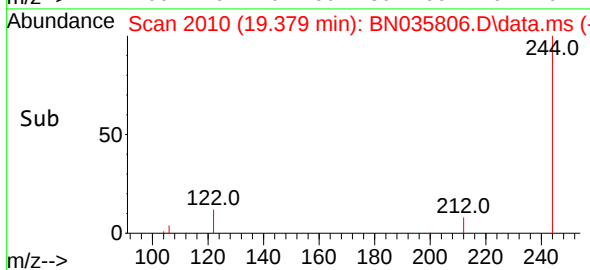
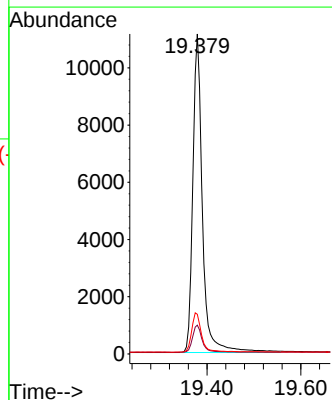
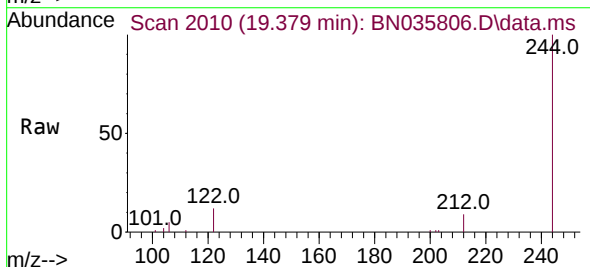
Manual Integrations
APPROVED

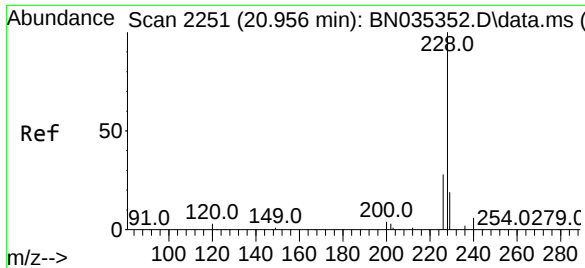
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#31
Terphenyl-d14
Concen: 0.727 ng
RT: 19.379 min Scan# 2010
Delta R.T. -0.009 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

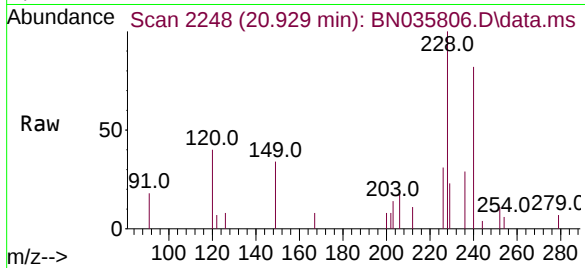
Tgt Ion:244 Resp: 15895
Ion Ratio Lower Upper
244 100
212 9.0 8.1 12.1
122 12.4 10.3 15.5





#32
Benzo(a)anthracene
Concen: 0.057 ng
RT: 20.929 min Scan# 2124
Delta R.T. -0.009 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

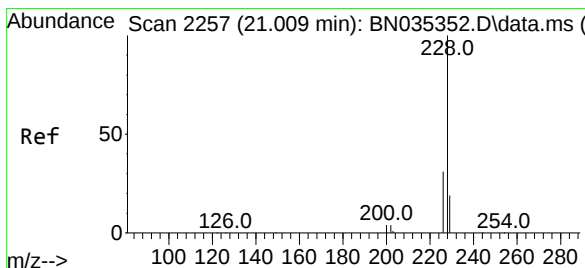
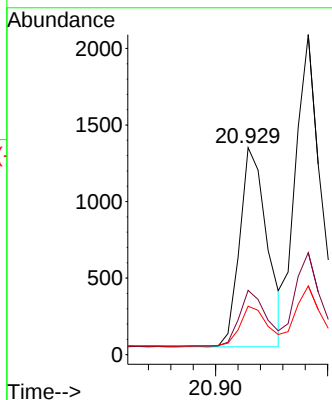
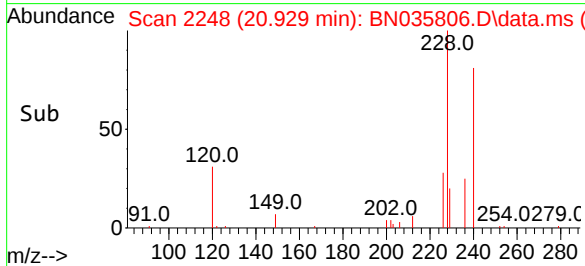
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20241216



Tgt Ion:228 Resp: 2220
Ion Ratio Lower Upper
228 100
226 31.1 22.5 33.7
229 23.4 15.8 23.8

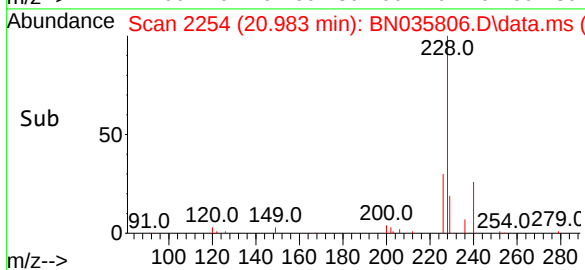
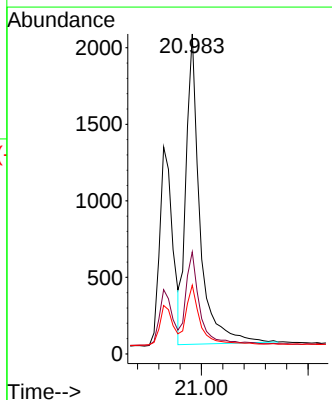
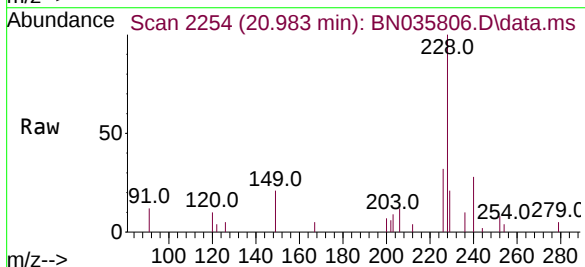
Manual Integrations
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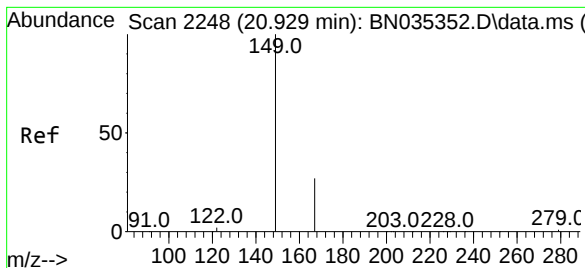
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#33
Chrysene
Concen: 0.091 ng
RT: 20.983 min Scan# 2254
Delta R.T. -0.009 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

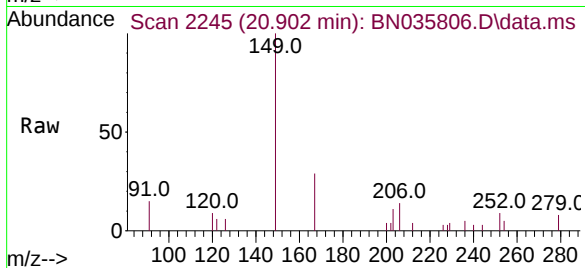
Tgt Ion:228 Resp: 3647
Ion Ratio Lower Upper
228 100
226 31.9 24.6 37.0
229 21.5 15.9 23.9





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.126 ng
RT: 20.902 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

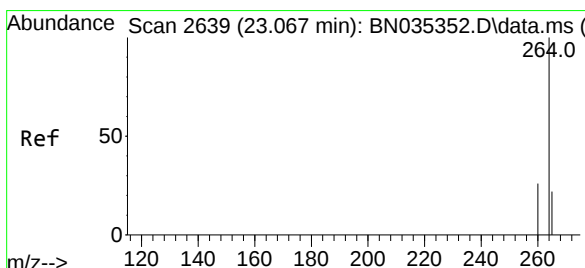
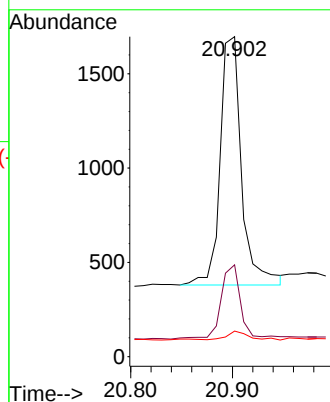
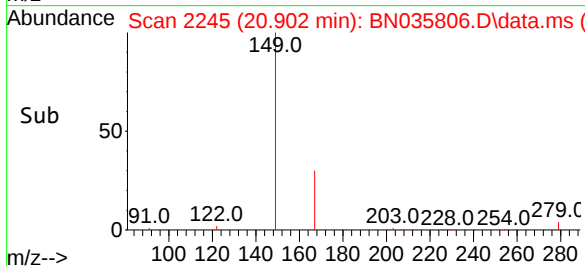
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20241216



Tgt Ion:149 Resp: 1920
Ion Ratio Lower Upper
149 100
167 26.2 22.2 33.4
279 3.6 2.7 4.1

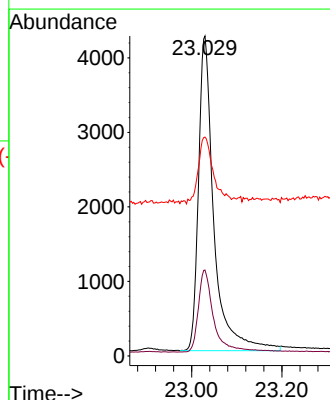
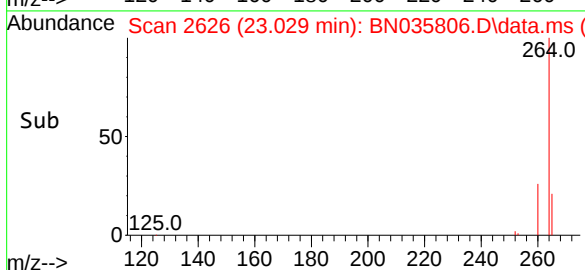
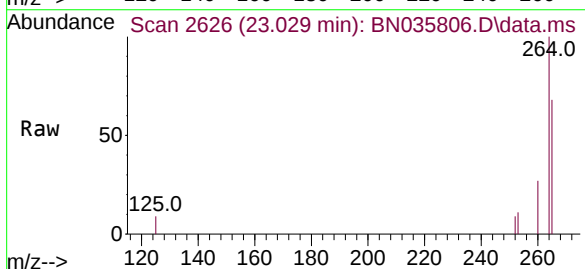
Manual Integrations
APPROVED

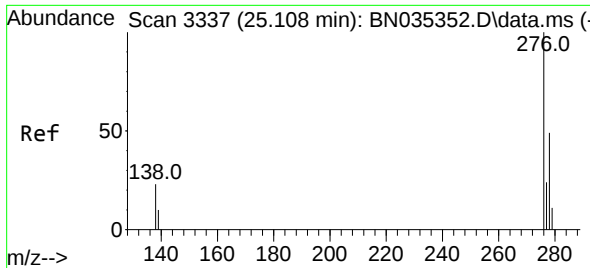
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.029 min Scan# 2626
Delta R.T. -0.012 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

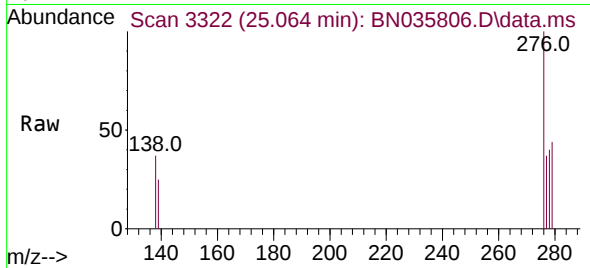
Tgt Ion:264 Resp: 9977
Ion Ratio Lower Upper
264 100
260 26.9 21.4 32.2
265 68.4 40.2 60.4#





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.047 ng
RT: 25.064 min Scan# 31
Delta R.T. -0.003 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

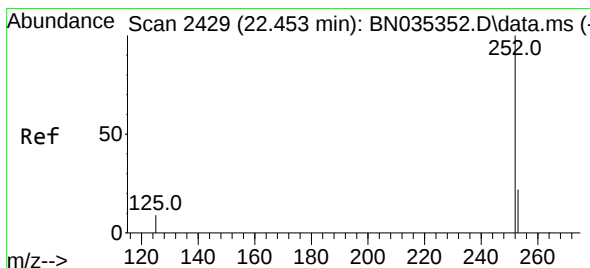
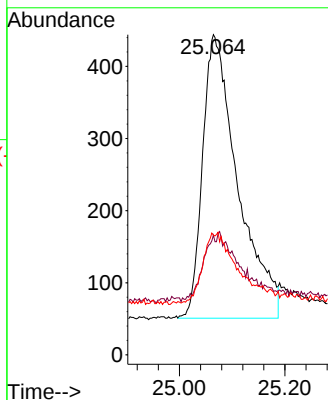
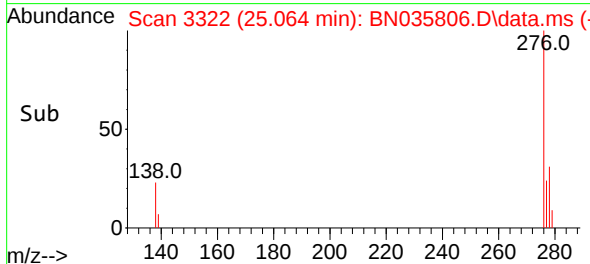
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20241216



Tgt Ion: 276 Resp: 1824
Ion Ratio Lower Upper
276 100
138 8.3 19.4 29.0#
277 8.8 19.8 29.6#

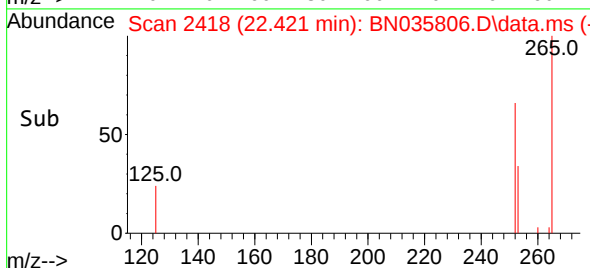
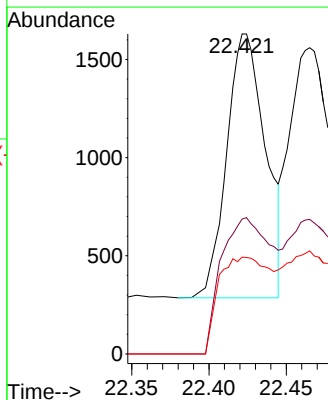
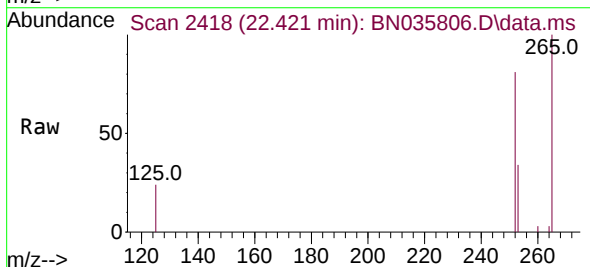
Manual Integrations
APPROVED

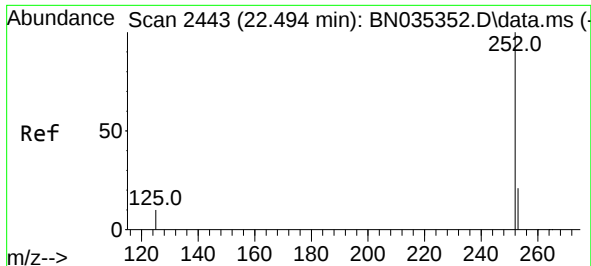
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#37
Benzo(b)fluoranthene
Concen: 0.085 ng
RT: 22.421 min Scan# 2418
Delta R.T. -0.009 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

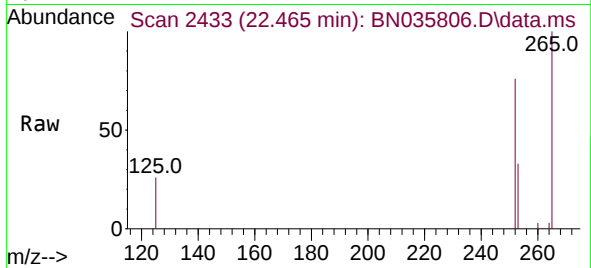
Tgt Ion: 252 Resp: 3115
Ion Ratio Lower Upper
252 100
253 42.1 19.6 29.4#
125 30.2 9.6 14.4#





#38
Benzo(k)fluoranthene
Concen: 0.075 ng
RT: 22.465 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

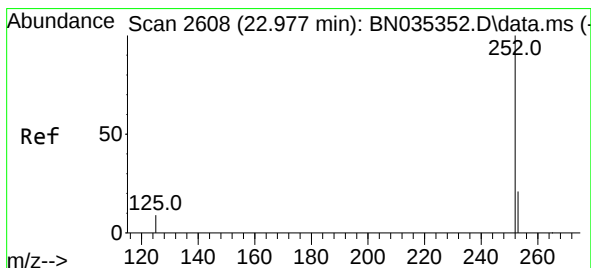
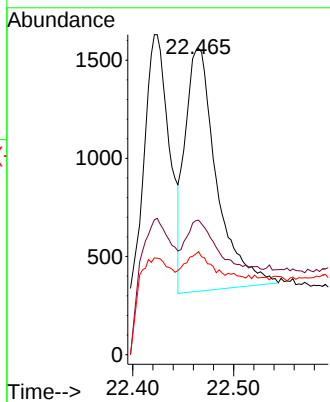
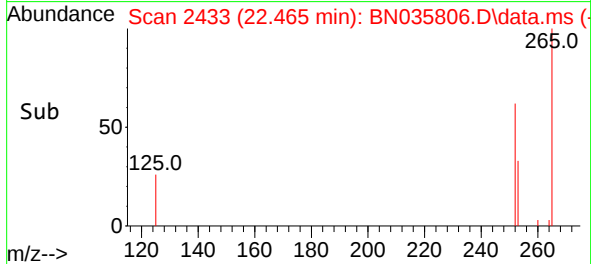
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20241216



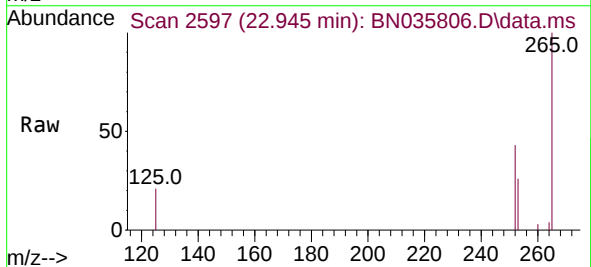
Tgt Ion:252 Resp: 2679
Ion Ratio Lower Upper
252 100
253 43.9 19.5 29.3#
125 33.7 10.2 15.4#

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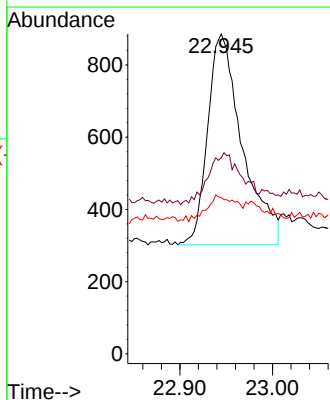
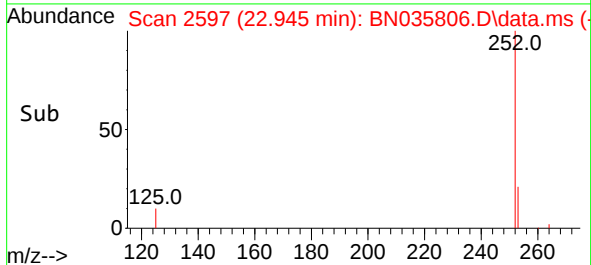
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

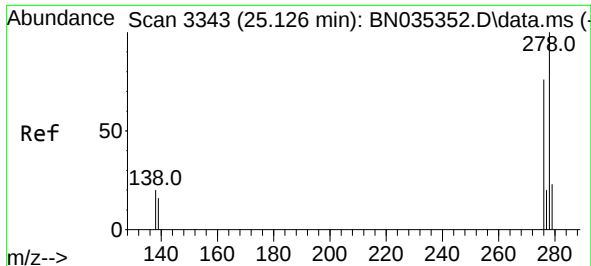


#39
Benzo(a)pyrene
Concen: 0.051 ng
RT: 22.945 min Scan# 2597
Delta R.T. -0.006 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23



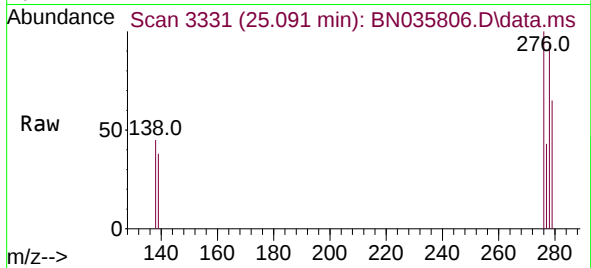
Tgt Ion:252 Resp: 1520
Ion Ratio Lower Upper
252 100
253 61.3 20.2 30.4#
125 48.9 10.9 16.3#





#40
Dibenzo(a,h)anthracene
Concen: 0.040 ng
RT: 25.091 min Scan# 31
Delta R.T. 0.009 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23

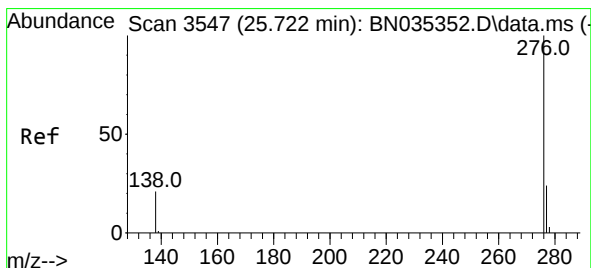
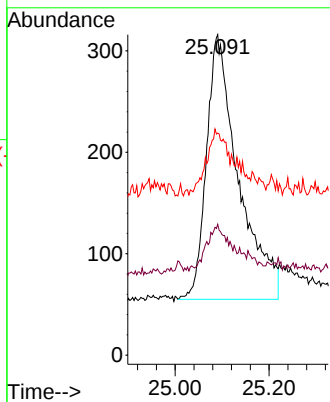
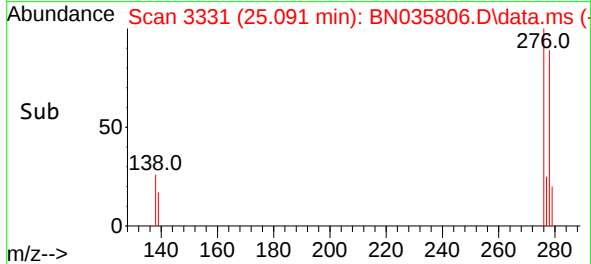
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20241216



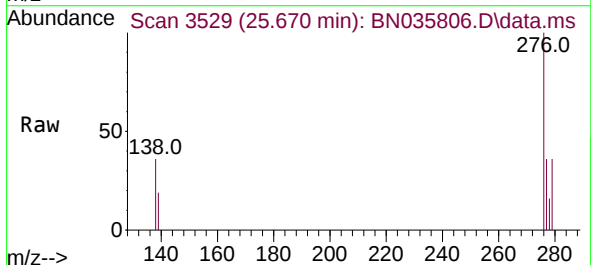
Tgt Ion:278 Resp: 123
Ion Ratio Lower Upper
278 100
139 40.8 14.2 21.4#
279 69.3 20.5 30.7#

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



#41
Benzo(g,h,i)perylene
Concen: 0.044 ng
RT: 25.670 min Scan# 3529
Delta R.T. -0.009 min
Lab File: BN035806.D
Acq: 24 Dec 2024 05:23



Tgt Ion:276 Resp: 1419
Ion Ratio Lower Upper
276 100
277 36.3 19.9 29.9#
138 35.6 17.8 26.8#

