

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
 Data File : BN032138.D
 Acq On : 21 Jun 2024 19:10
 Operator : MA/JU
 Sample : P3002-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-580-582

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/28/2024

Quant Time: Jun 22 00:33:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 11:30:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	11050	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	36962	0.400	ng	# 0.00
13) Acenaphthene-d10	14.274	164	23123	0.400	ng	-0.01
19) Phenanthrene-d10	17.029	188	46916	0.400	ng	# 0.00
29) Chrysene-d12	21.229	240	28409	0.400	ng	# 0.00
35) Perylene-d12	23.449	264	28632	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	3734	0.119	ng	0.00
5) Phenol-d6	6.823	99	4885	0.119	ng	0.00
8) Nitrobenzene-d5	8.798	82	5889	0.192	ng	0.00
11) 2-Methylnaphthalene-d10	12.013	152	13240	0.225	ng	0.00
14) 2,4,6-Tribromophenol	15.775	330	1688	0.152	ng	-0.01
15) 2-Fluorobiphenyl	12.895	172	21968	0.250	ng	-0.01
27) Fluoranthene-d10	19.068	212	16226	0.127	ng	0.00
31) Terphenyl-d14	19.667	244	15007	0.216	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	570	0.042	ng	# 76
25) Phenanthrene	17.066	178	4401	0.034	ng	96
26) Anthracene	17.165	178	4185	0.035	ng	# 92
28) Fluoranthene	19.096	202	6414	0.041	ng	# 80
30) Pyrene	19.463	202	5898	0.052	ng	# 94
32) Benzo(a)anthracene	21.211	228	4549	0.043	ng	# 83
33) Chrysene	21.265	228	4591	0.045	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.139	149	66815	0.915	ng	100
36) Indeno(1,2,3-cd)pyrene	25.694	276	3384	0.032	ng	# 82
37) Benzo(b)fluoranthene	22.782	252	5292	0.051	ng	# 1
38) Benzo(k)fluoranthene	22.826	252	4069m	0.041	ng	
39) Benzo(a)pyrene	23.353	252	2397	0.027	ng	# 1
40) Dibenzo(a,h)anthracene	25.706	278	2644	0.031	ng	# 1
41) Benzo(g,h,i)perylene	26.376	276	2324	0.026	ng	# 29

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

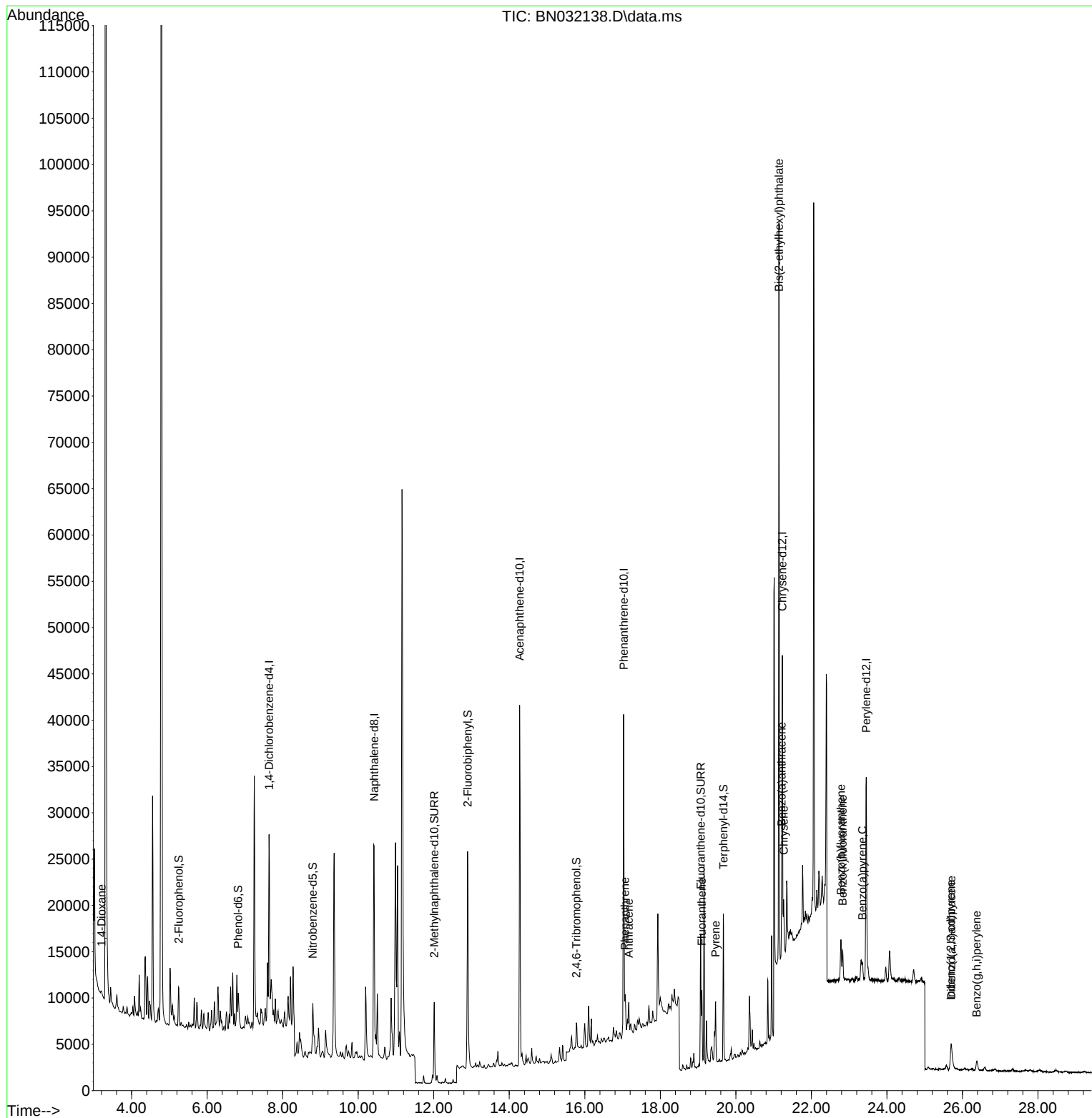
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
Data File : BN032138.D
Acq On : 21 Jun 2024 19:10
Operator : MA/JU
Sample : P3002-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

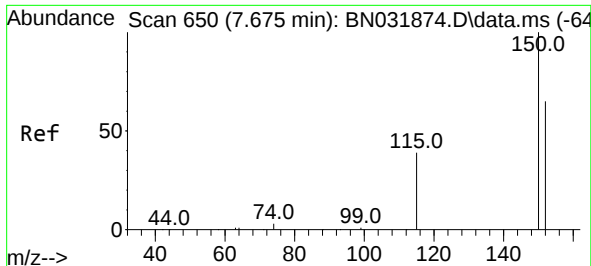
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-580-582

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Supervised By :mohammad ahmed 06/28/2024

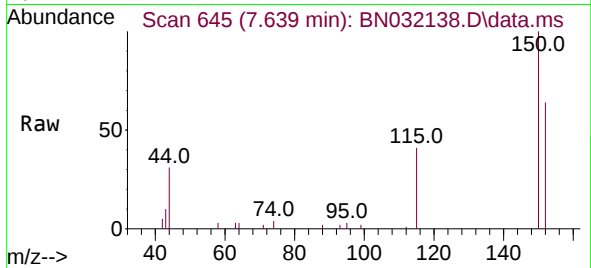
Quant Time: Jun 22 00:33:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.639 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

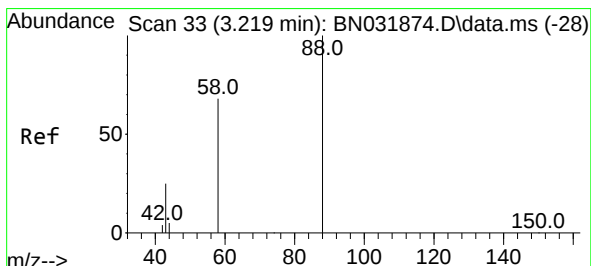
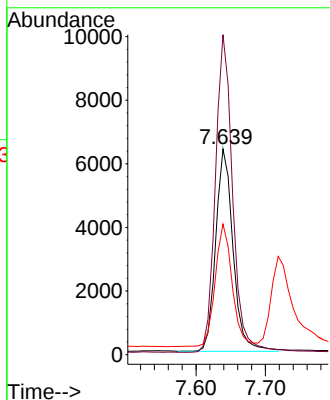
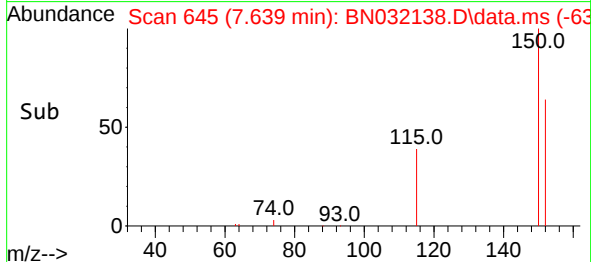
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-580-582



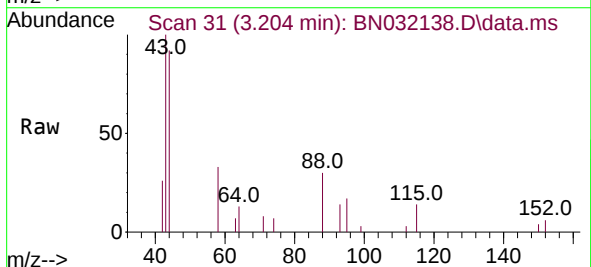
Tgt Ion:152 Resp: 11050
Ion Ratio Lower Upper
152 100
150 155.6 121.0 181.4
115 63.5 49.4 74.0

Manual Integrations
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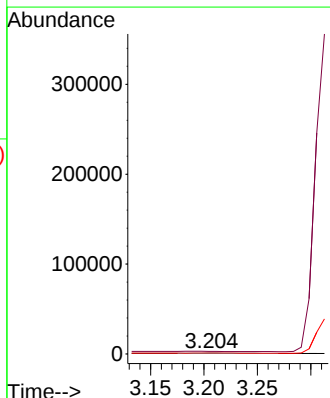
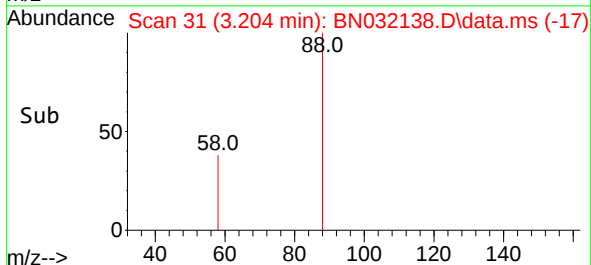
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024

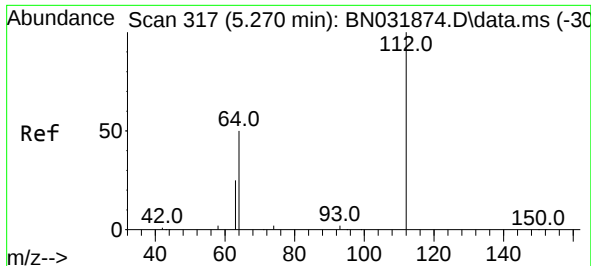


#2
1,4-Dioxane
Concen: 0.042 ng
RT: 3.204 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10



Tgt Ion: 88 Resp: 570
Ion Ratio Lower Upper
88 100
43 0.0 22.7 34.1#
58 72.5 51.3 76.9





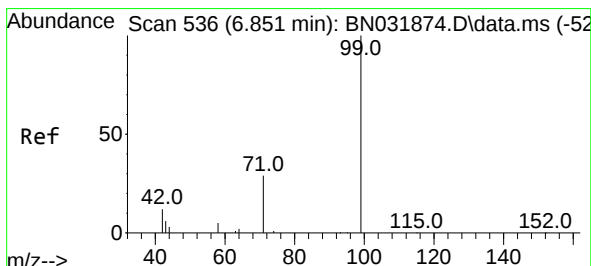
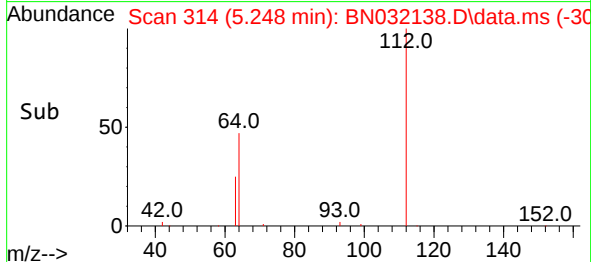
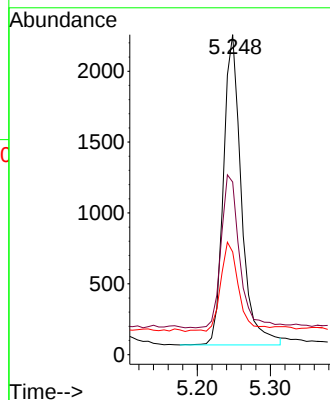
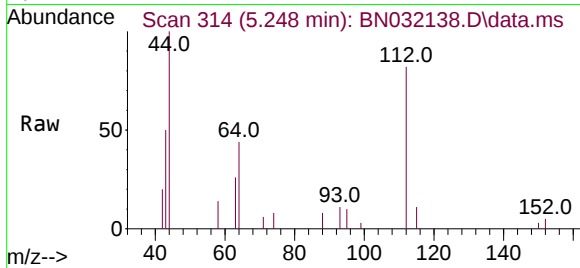
#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.248 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

Instrument :
BNA_N
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BP-VPB-196-GW-580-582

Tgt Ion:112 Resp: 3734
Ion Ratio Lower Upper
112 100
64 50.1 42.4 63.6
63 29.4 22.1 33.1

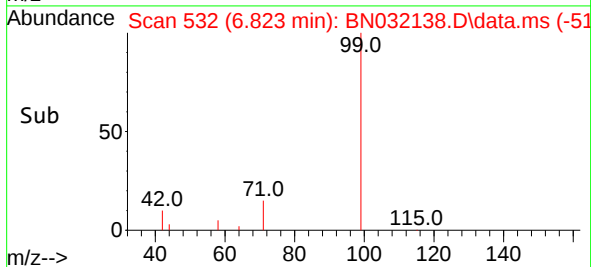
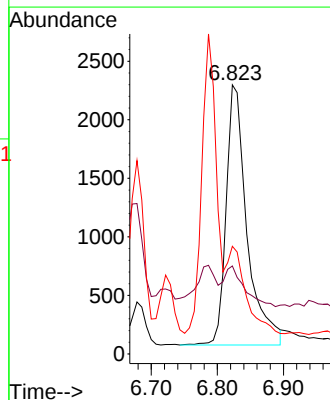
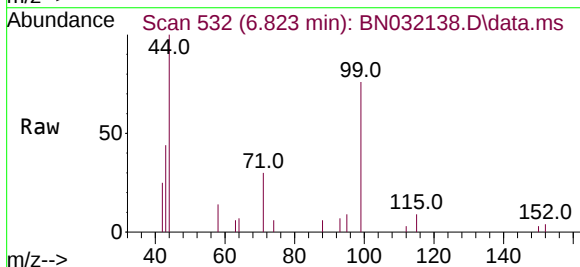
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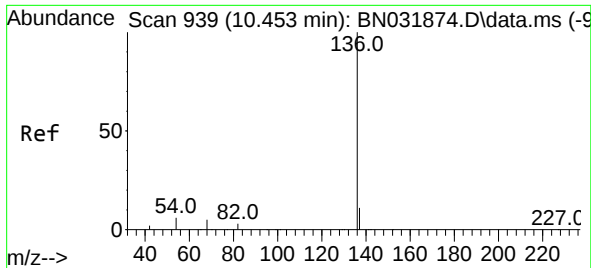
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#5
Phenol-d6
Concen: 0.119 ng
RT: 6.823 min Scan# 532
Delta R.T. -0.007 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

Tgt Ion: 99 Resp: 4885
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 0.0 25.4 38.2#





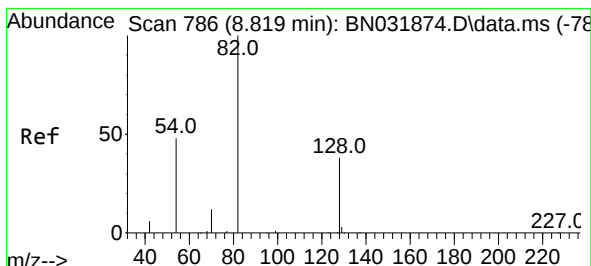
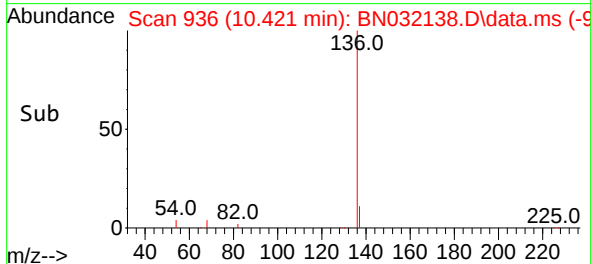
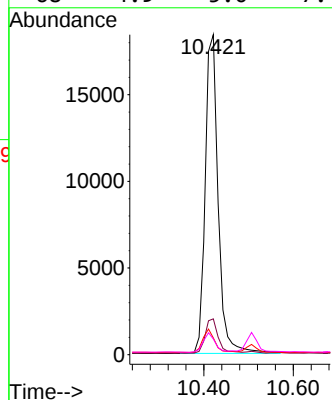
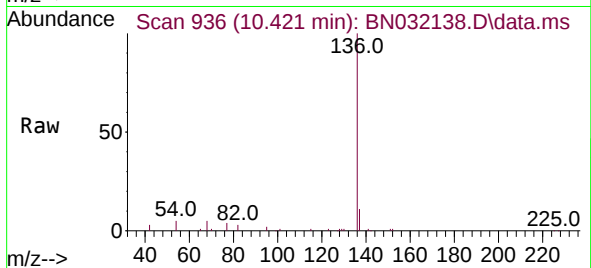
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-580-582

Tgt Ion:136	Resp:	3696
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	5.3	5.6 8.4
68	4.9	5.0 7.4

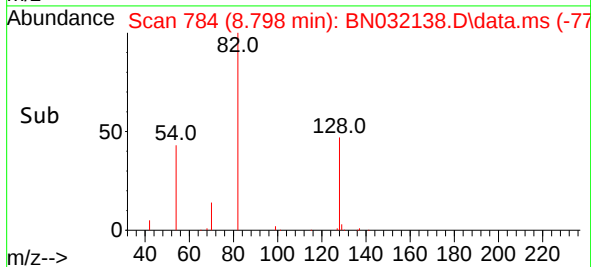
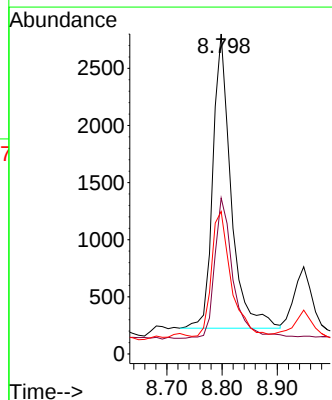
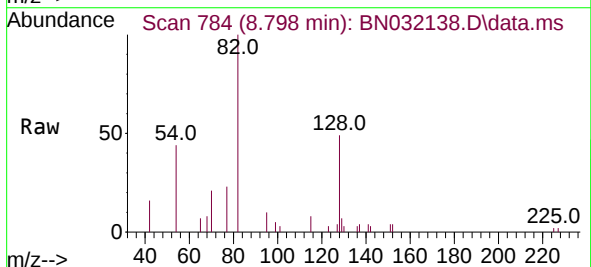
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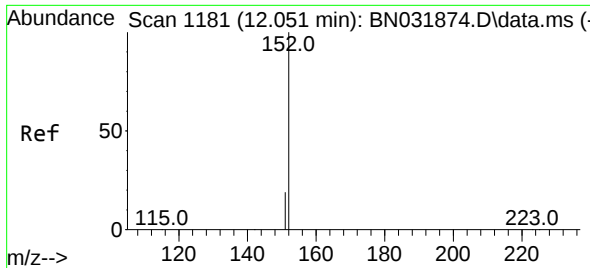
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#8
Nitrobenzene-d5
Concen: 0.192 ng
RT: 8.798 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

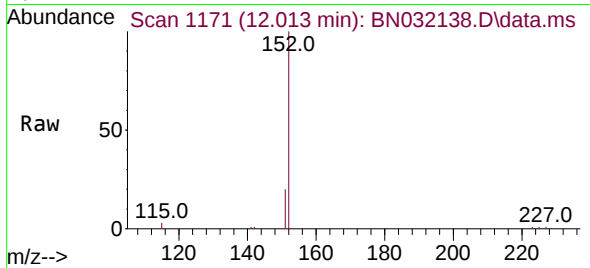
Tgt Ion: 82	Resp:	5889
Ion Ratio	Lower	Upper
82	100	
128	48.8	32.1 48.1
54	44.5	39.7 59.5





#11
2-Methylnaphthalene-d10
Concen: 0.225 ng
RT: 12.013 min Scan# 1181
Delta R.T. -0.008 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

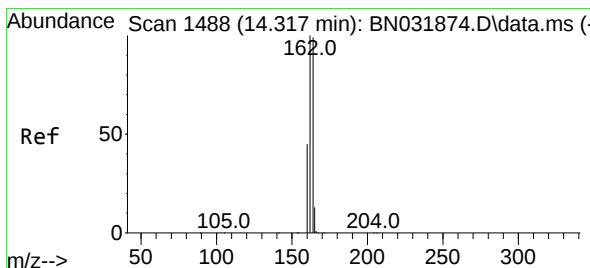
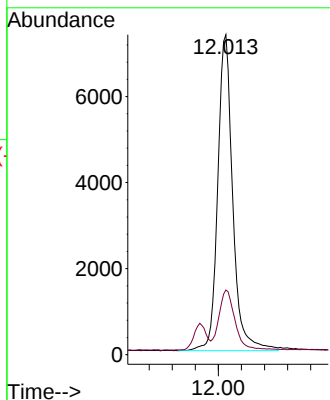
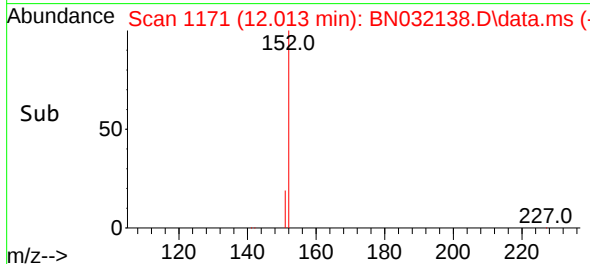
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-580-582



Tgt Ion:152 Resp: 13240
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5

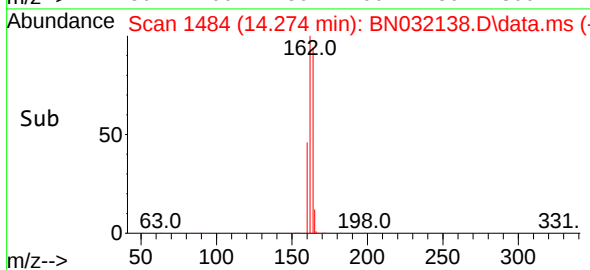
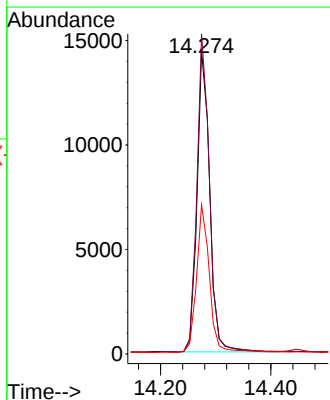
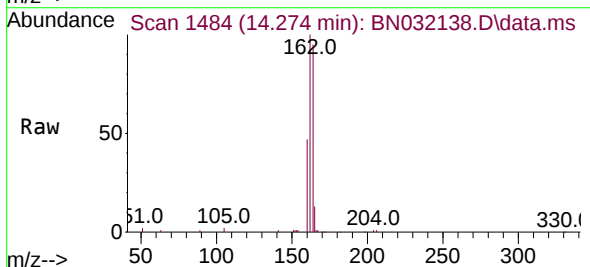
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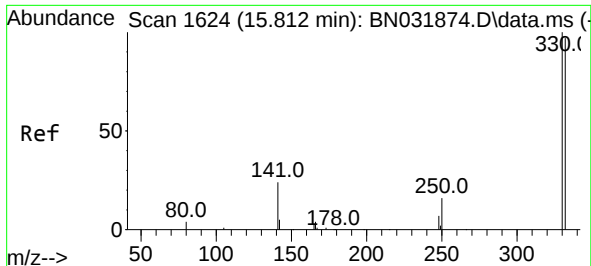
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.274 min Scan# 1484
Delta R.T. -0.011 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

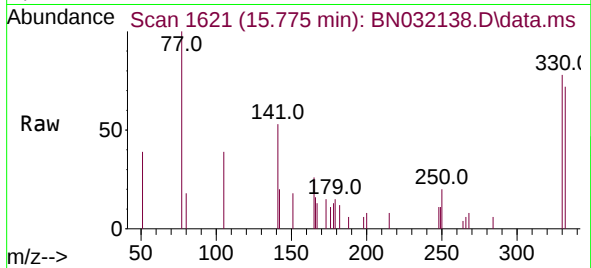
Tgt Ion:164 Resp: 23123
Ion Ratio Lower Upper
164 100
162 105.7 80.7 121.1
160 49.3 36.2 54.4





#14
2,4,6-Tribromophenol
Concen: 0.152 ng
RT: 15.775 min Scan# 1624
Delta R.T. -0.012 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

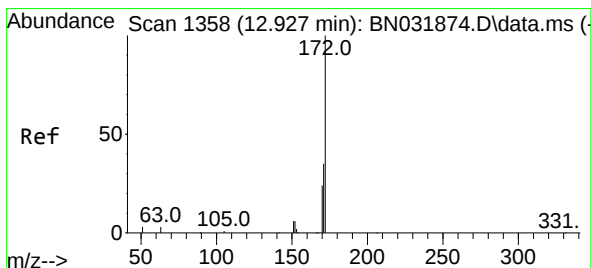
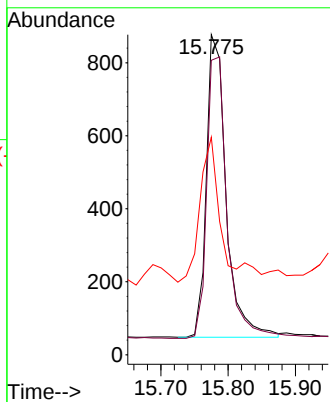
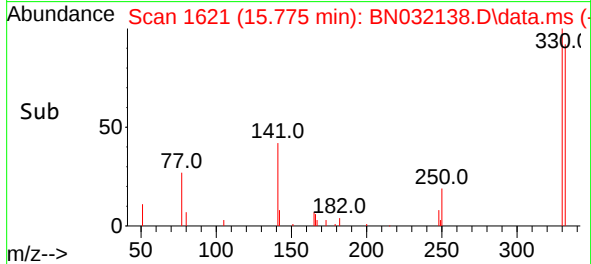
Instrument :
BNA_N
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BP-VPB-196-GW-580-582



Tgt Ion:330 Resp: 1688
Ion Ratio Lower Upper
330 100
332 95.3 77.5 116.3
141 45.9 34.7 52.1

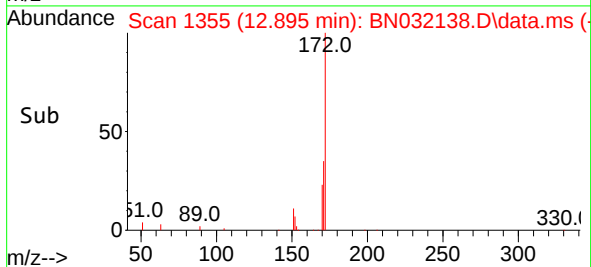
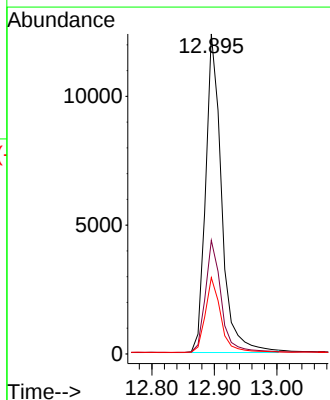
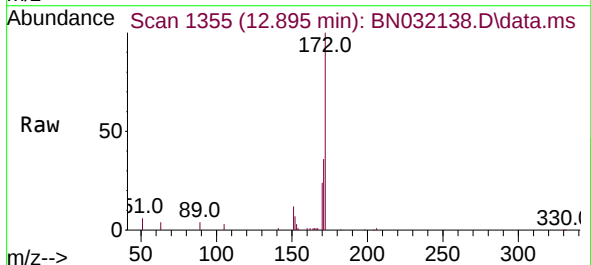
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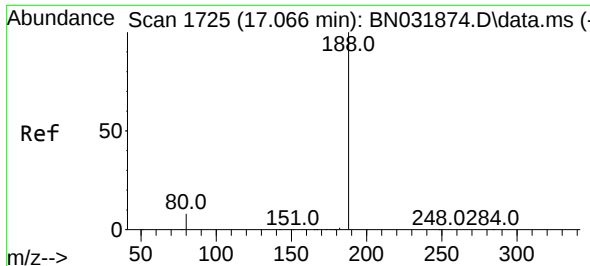
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#15
2-Fluorobiphenyl
Concen: 0.250 ng
RT: 12.895 min Scan# 1355
Delta R.T. -0.011 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

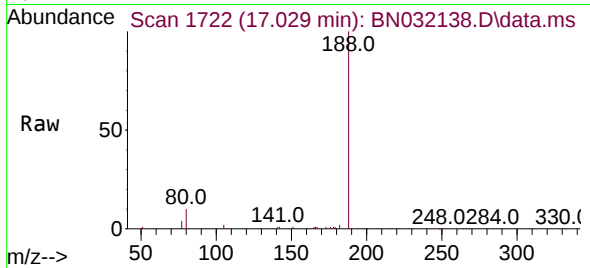
Tgt Ion:172 Resp: 21968
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.9 19.2 28.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1722
Delta R.T. 0.000 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

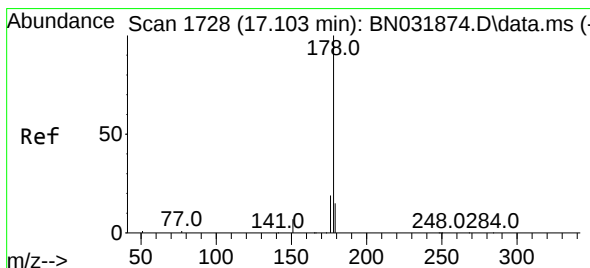
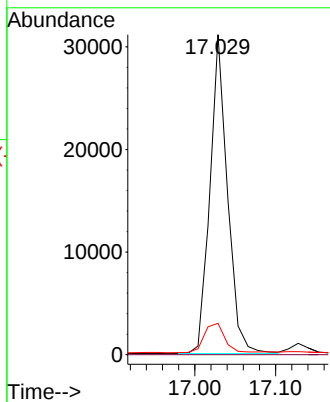
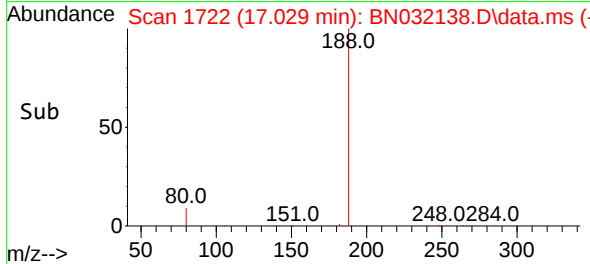
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Tgt Ion:188 Resp: 46910
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 6.4 9.6

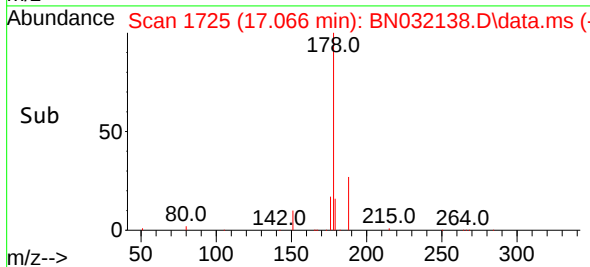
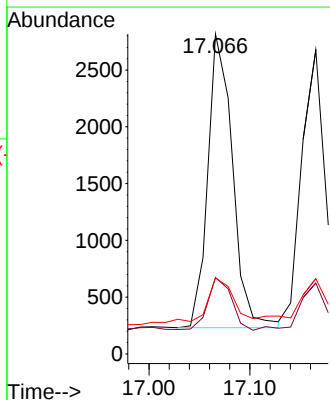
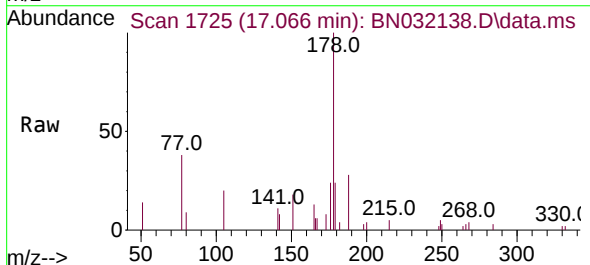
Manual Integrations
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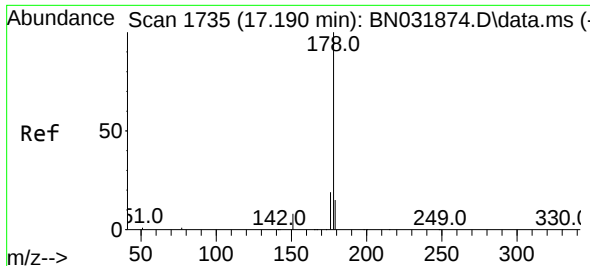
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#25
Phenanthrene
Concen: 0.034 ng
RT: 17.066 min Scan# 1725
Delta R.T. -0.012 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

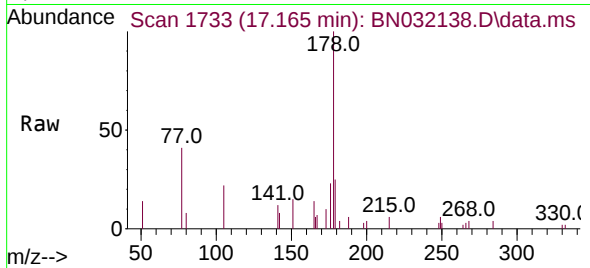
Tgt Ion:178 Resp: 4401
Ion Ratio Lower Upper
178 100
176 17.1 15.4 23.0
179 16.7 12.2 18.2





#26
 Anthracene
 Concen: 0.035 ng
 RT: 17.165 min Scan# 1733
 Delta R.T. 0.000 min
 Lab File: BN032138.D
 Acq: 21 Jun 2024 19:10

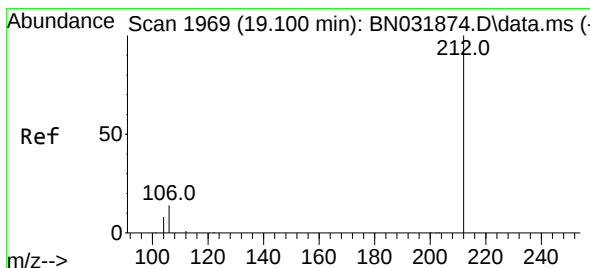
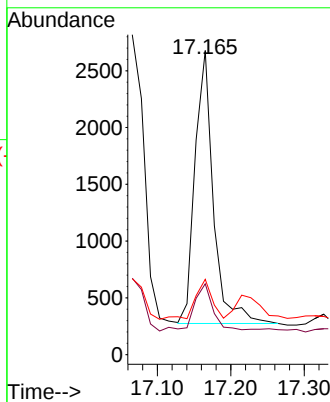
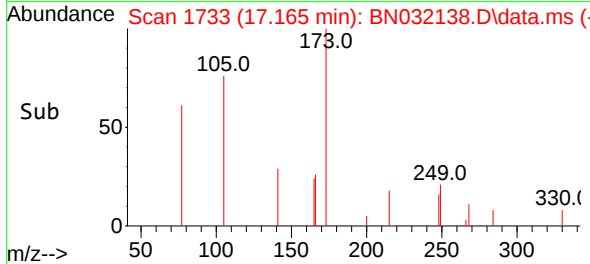
Instrument :
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Tgt Ion:178 Resp: 4185
 Ion Ratio Lower Upper
 178 100
 176 15.2 14.8 22.2
 179 11.8 12.2 18.2

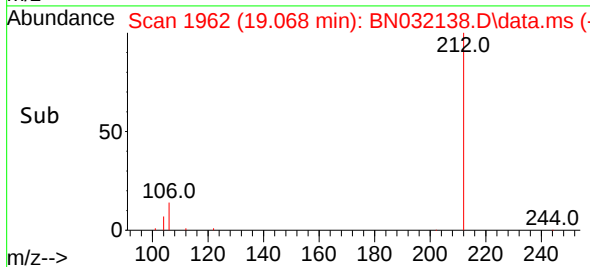
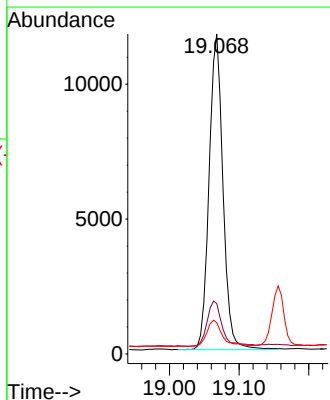
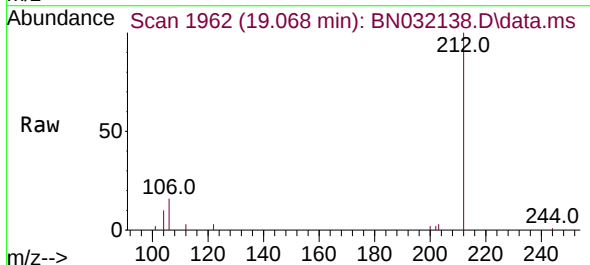
Manual Integrations
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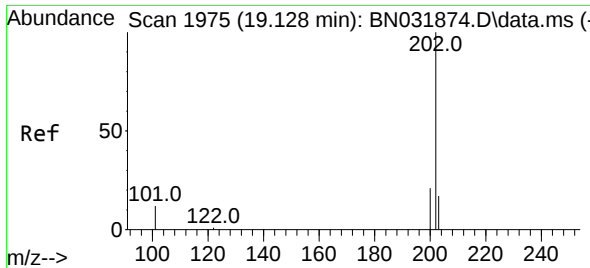
Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/28/2024



#27
 Fluoranthene-d10
 Concen: 0.127 ng
 RT: 19.068 min Scan# 1962
 Delta R.T. -0.005 min
 Lab File: BN032138.D
 Acq: 21 Jun 2024 19:10

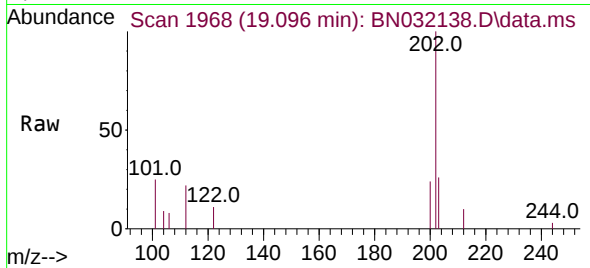
Tgt Ion:212 Resp: 16226
 Ion Ratio Lower Upper
 212 100
 106 15.4 11.8 17.8
 104 9.2 6.6 10.0





#28
Fluoranthene
Concen: 0.041 ng
RT: 19.096 min Scan# 1975
Delta R.T. -0.005 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

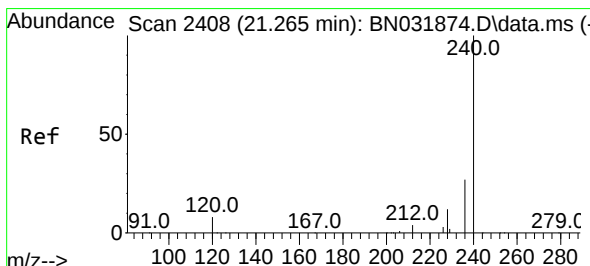
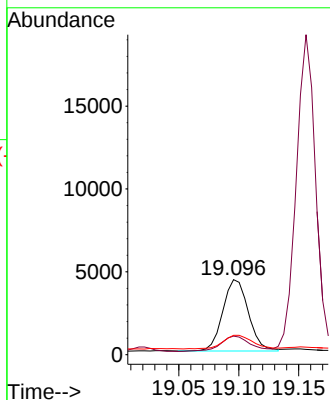
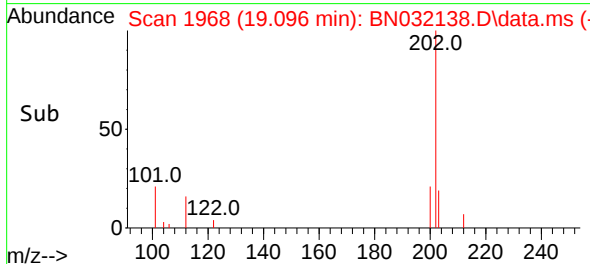
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-580-582



Tgt Ion:202 Resp: 6414
Ion Ratio Lower Upper
202 100
101 25.1 9.8 14.6
203 21.4 13.7 20.5

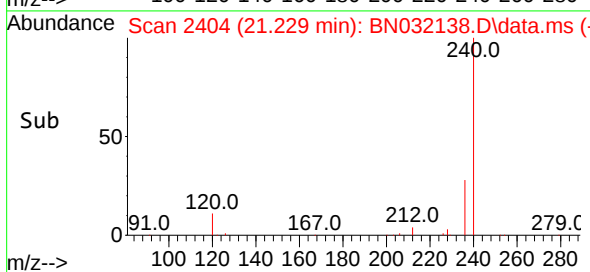
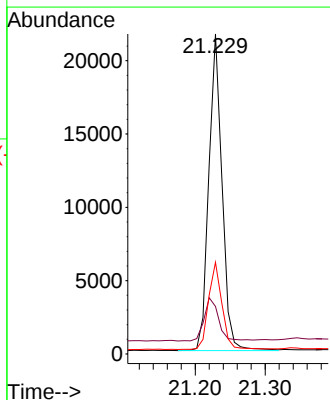
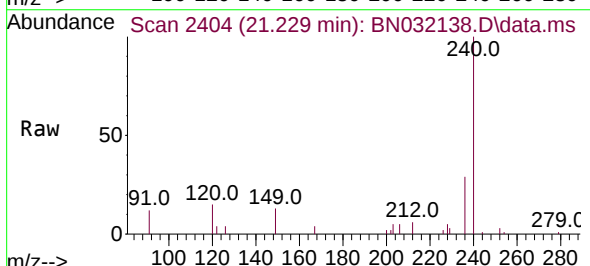
Manual Integrations
APPROVED

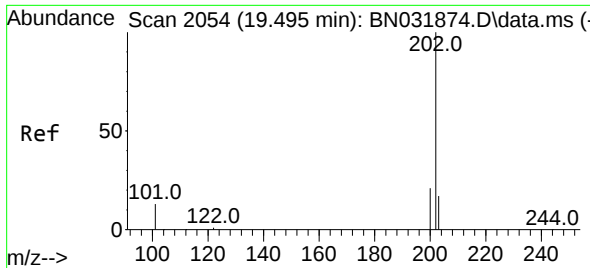
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

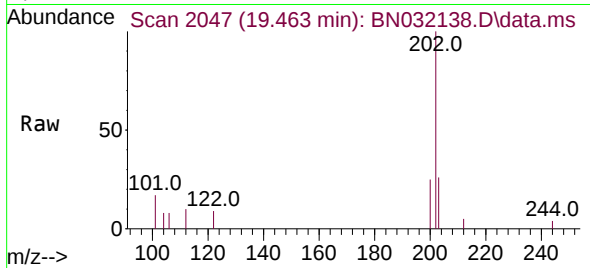
Tgt Ion:240 Resp: 28409
Ion Ratio Lower Upper
240 100
120 14.9 8.2 12.4
236 28.7 21.8 32.8





#30
Pyrene
Concen: 0.052 ng
RT: 19.463 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

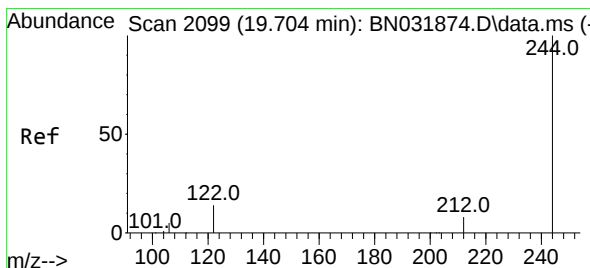
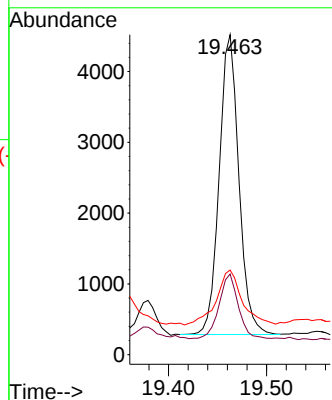
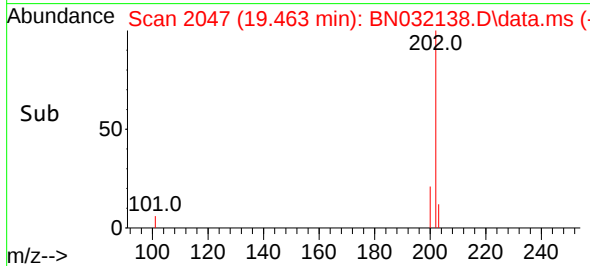
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-580-582



Tgt Ion:202 Resp: 5898
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 23.8 14.3 21.5

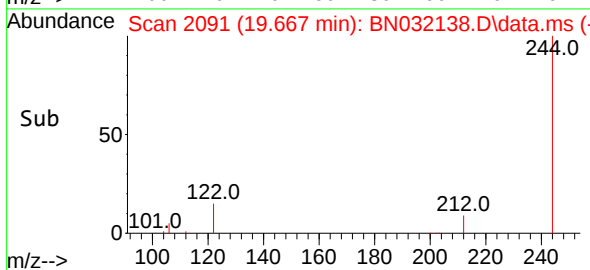
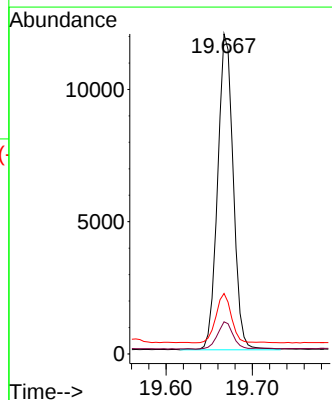
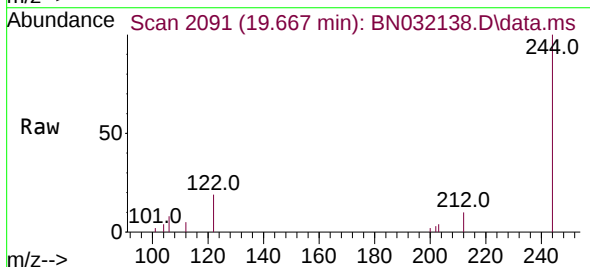
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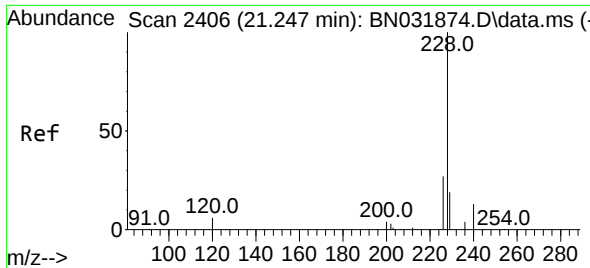
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#31
Terphenyl-d14
Concen: 0.216 ng
RT: 19.667 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

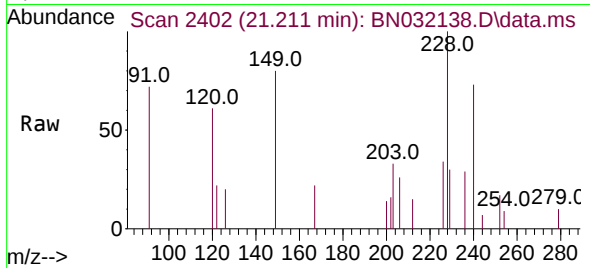
Tgt Ion:244 Resp: 15007
Ion Ratio Lower Upper
244 100
212 10.1 6.5 9.7#
122 18.9 11.4 17.0#





#32
Benzo(a)anthracene
Concen: 0.043 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

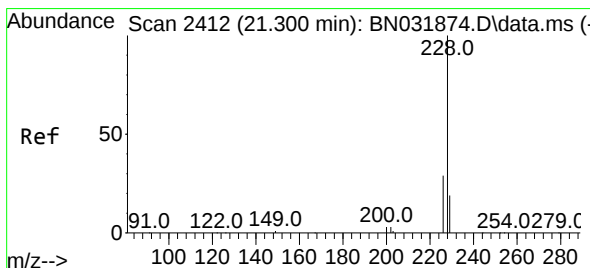
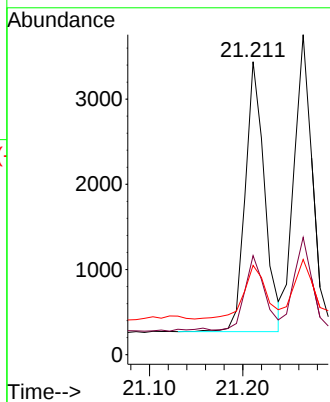
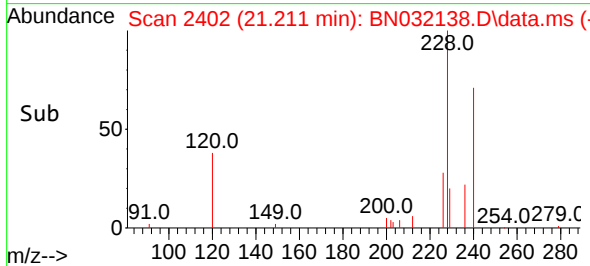
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-580-582



Tgt Ion:228 Resp: 4549
Ion Ratio Lower Upper
228 100
226 33.8 21.8 32.6#
229 30.5 15.8 23.8#

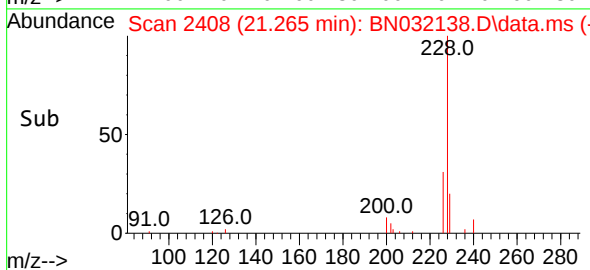
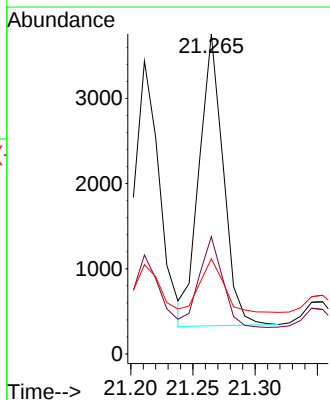
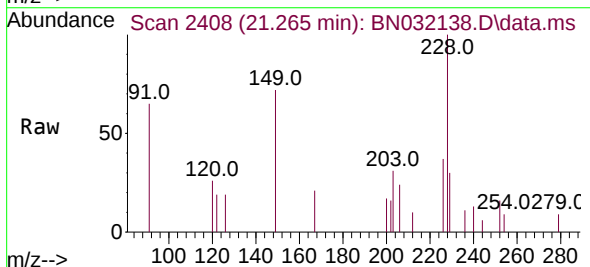
Manual Integrations
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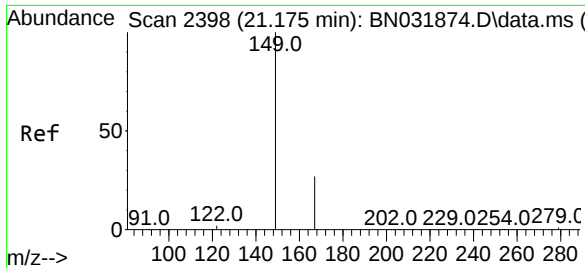
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#33
Chrysene
Concen: 0.045 ng
RT: 21.265 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

Tgt Ion:228 Resp: 4591
Ion Ratio Lower Upper
228 100
226 36.6 23.6 35.4#
229 29.7 15.8 23.6#





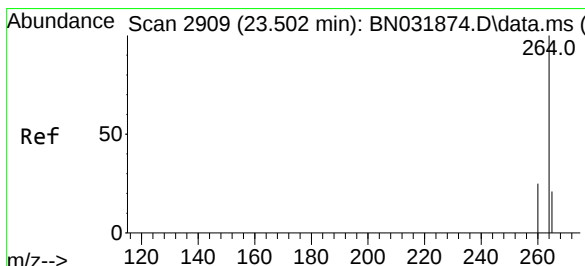
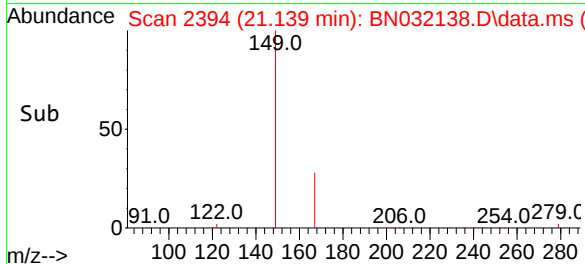
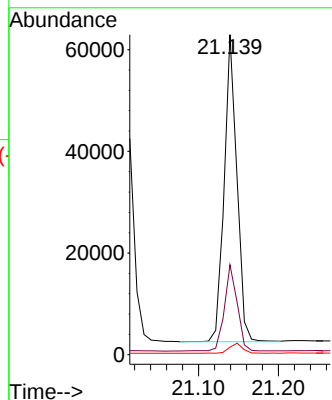
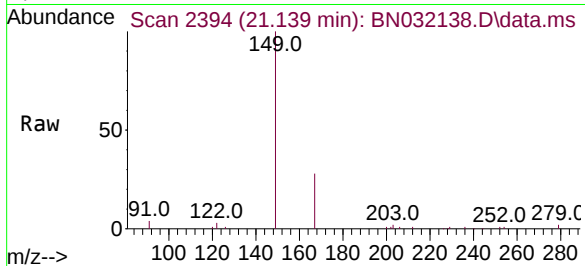
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.915 ng
RT: 21.139 min Scan# 2113
Delta R.T. -0.009 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-580-582

Tgt Ion:149 Resp: 66815
Ion Ratio Lower Upper
149 100
167 28.2 22.5 33.7
279 3.5 2.9 4.3

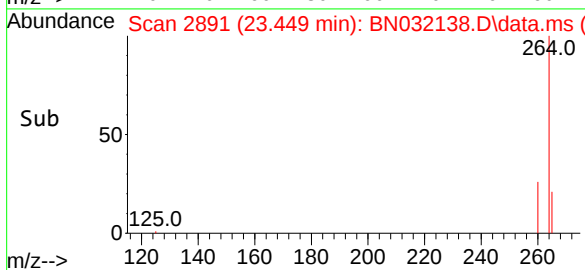
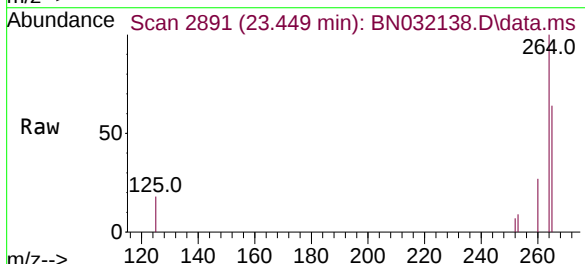
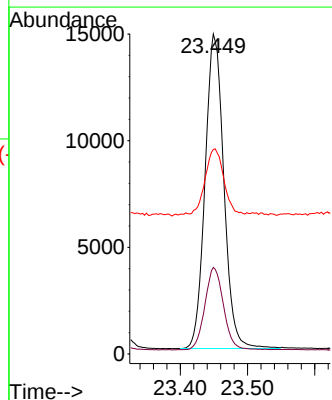
Manual Integrations
APPROVED

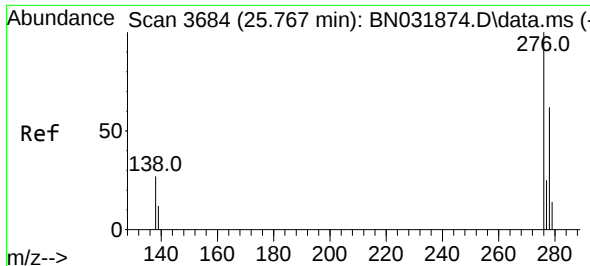
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.449 min Scan# 2891
Delta R.T. -0.003 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

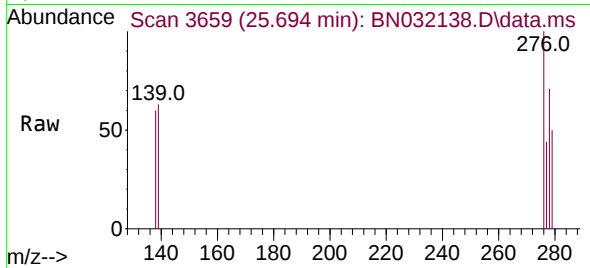
Tgt Ion:264 Resp: 28632
Ion Ratio Lower Upper
264 100
260 27.0 20.5 30.7
265 63.9 39.6 59.4#





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.032 ng
RT: 25.694 min Scan# 3063
Delta R.T. 0.000 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

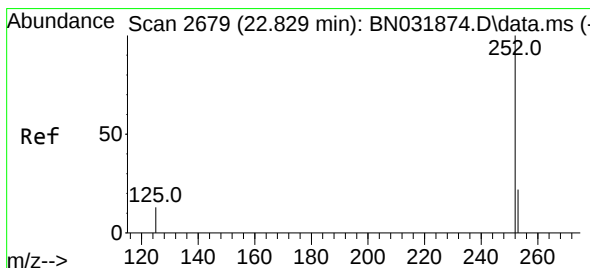
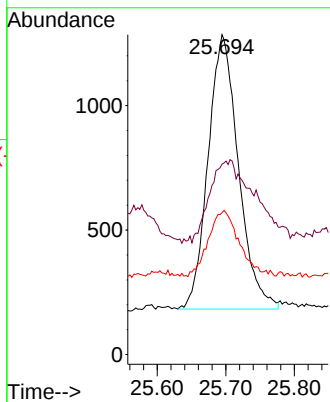
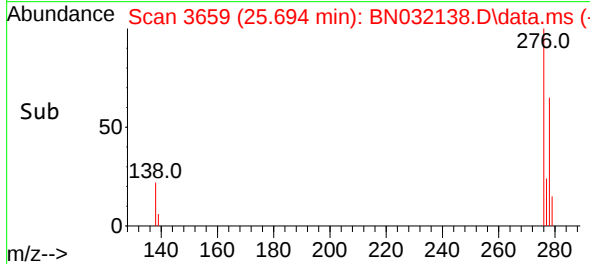
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-580-582



Tgt Ion:276 Resp: 3384
Ion Ratio Lower Upper
276 100
138 44.7 21.5 32.3#
277 24.2 19.8 29.8#

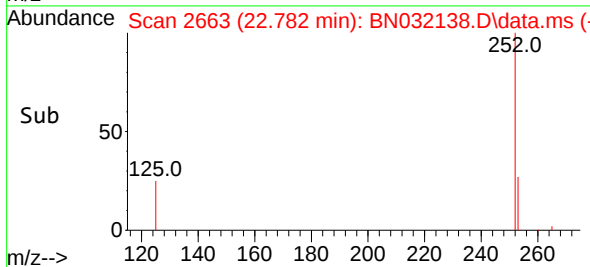
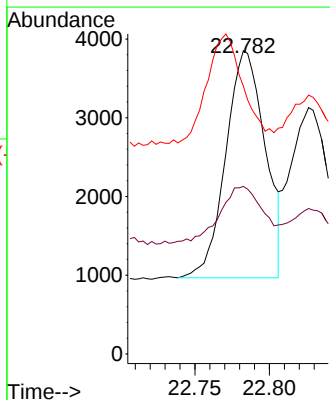
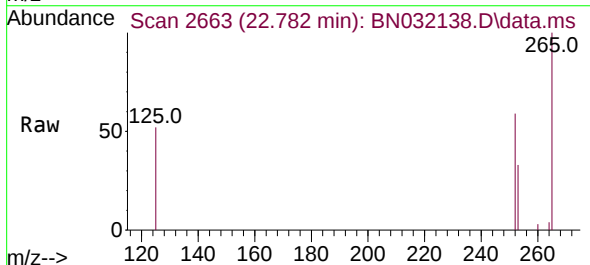
Manual Integrations
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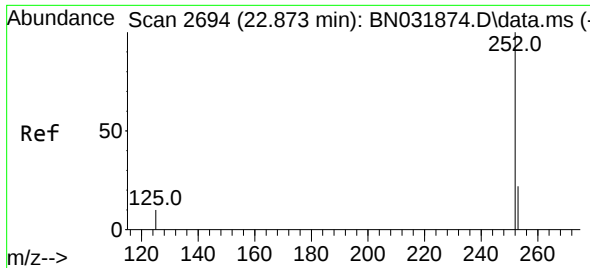
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#37
Benzo(b)fluoranthene
Concen: 0.051 ng
RT: 22.782 min Scan# 2663
Delta R.T. -0.003 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

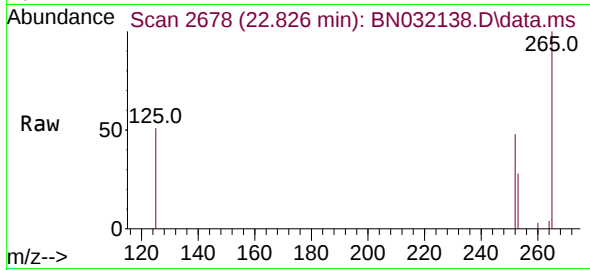
Tgt Ion:252 Resp: 5292
Ion Ratio Lower Upper
252 100
253 55.3 20.2 30.2#
125 88.4 14.2 21.4#





#38
Benzo(k)fluoranthene
Concen: 0.041 ng m
RT: 22.826 min Scan# 2069
Delta R.T. -0.003 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

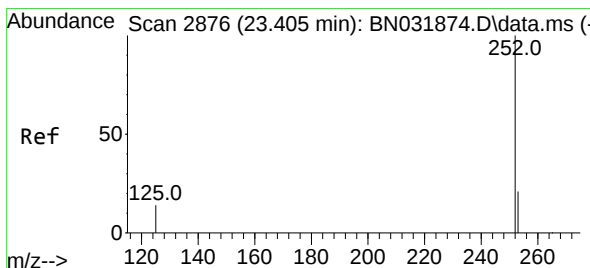
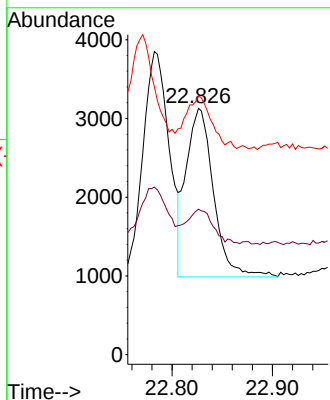
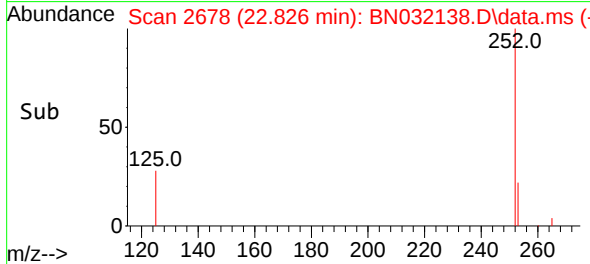
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-580-582



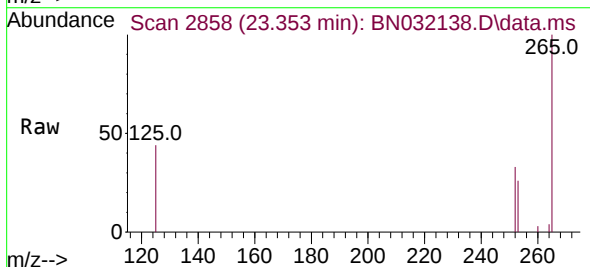
Tgt Ion:252 Resp: 4069
Ion Ratio Lower Upper
252 100
253 59.0 19.9 29.9#
125 105.0 13.0 19.4#

Manual Integrations
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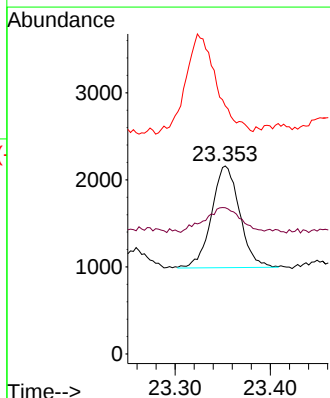
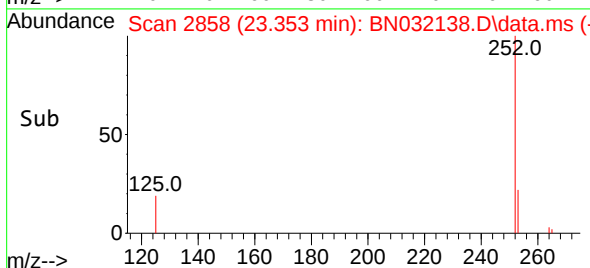
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024

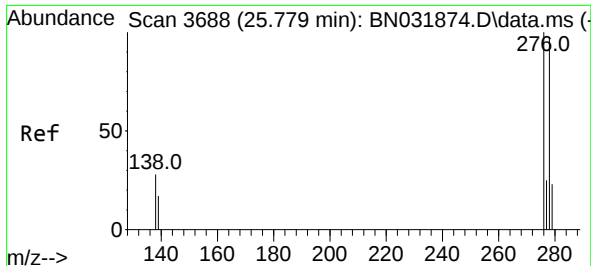


#39
Benzo(a)pyrene
Concen: 0.027 ng
RT: 23.353 min Scan# 2858
Delta R.T. -0.006 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10



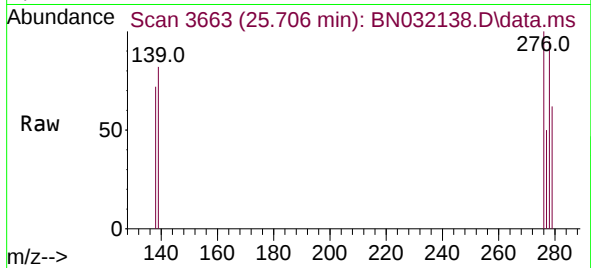
Tgt Ion:252 Resp: 2397
Ion Ratio Lower Upper
252 100
253 77.8 20.5 30.7#
125 132.1 16.4 24.6#





#40
Dibenzo(a,h)anthracene
Concen: 0.031 ng
RT: 25.706 min Scan# 3663
Delta R.T. 0.000 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

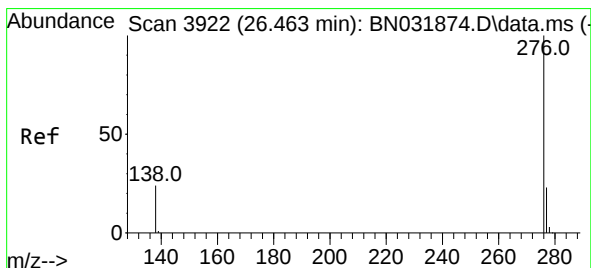
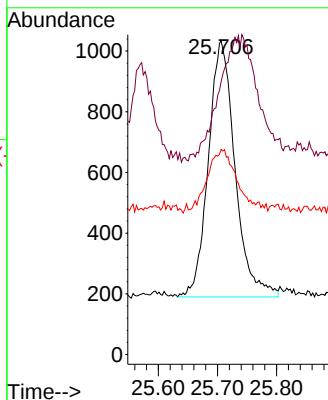
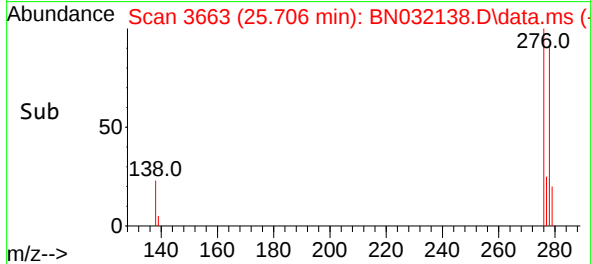
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-580-582



Tgt Ion:278 Resp: 2644
Ion Ratio Lower Upper
278 100
139 86.9 17.0 25.4#
279 65.4 21.4 32.0#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#41
Benzo(g,h,i)perylene
Concen: 0.026 ng
RT: 26.376 min Scan# 3892
Delta R.T. -0.003 min
Lab File: BN032138.D
Acq: 21 Jun 2024 19:10

Tgt Ion:276 Resp: 2324
Ion Ratio Lower Upper
276 100
277 52.7 20.2 30.2#
138 69.8 20.6 31.0#

