

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
 Data File : BN032141.D
 Acq On : 21 Jun 2024 20:59
 Operator : MA/JU
 Sample : P3002-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-640-642

Quant Time: Jun 22 00:34:29 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	11681	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	38899	0.400	ng	# 0.00
13) Acenaphthene-d10	14.274	164	20748	0.400	ng	-0.01
19) Phenanthrene-d10	17.029	188	47919	0.400	ng	# 0.00
29) Chrysene-d12	21.229	240	27055	0.400	ng	# 0.00
35) Perylene-d12	23.449	264	13406	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	8445	0.254	ng	0.00
5) Phenol-d6	6.830	99	8978	0.206	ng	0.00
8) Nitrobenzene-d5	8.798	82	7545	0.233	ng	0.00
11) 2-Methylnaphthalene-d10	12.009	152	16248	0.262	ng	-0.01
14) 2,4,6-Tribromophenol	15.787	330	3470	0.349	ng	0.00
15) 2-Fluorobiphenyl	12.895	172	26376	0.335	ng	-0.01
27) Fluoranthene-d10	19.068	212	33977	0.261	ng	0.00
31) Terphenyl-d14	19.667	244	27484	0.416	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	983	0.069	ng	# 22
25) Phenanthrene	17.066	178	3742	0.028	ng	# 96
26) Anthracene	17.165	178	5028	0.041	ng	98
28) Fluoranthene	19.096	202	9330	0.058	ng	97
30) Pyrene	19.463	202	7287	0.068	ng	98
32) Benzo(a)anthracene	21.211	228	9873	0.097	ng	96
33) Chrysene	21.265	228	10268	0.107	ng	96
34) Bis(2-ethylhexyl)phtha...	21.139	149	23885	0.343	ng	99
36) Indeno(1,2,3-cd)pyrene	25.694	276	5645	0.113	ng	98
37) Benzo(b)fluoranthene	22.780	252	8393	0.172	ng	# 58
38) Benzo(k)fluoranthene	22.826	252	7175m	0.155	ng	
39) Benzo(a)pyrene	23.353	252	4092	0.097	ng	# 8
40) Dibenzo(a,h)anthracene	25.706	278	5116	0.130	ng	# 66
41) Benzo(g,h,i)perylene	26.379	276	3918	0.093	ng	# 70

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

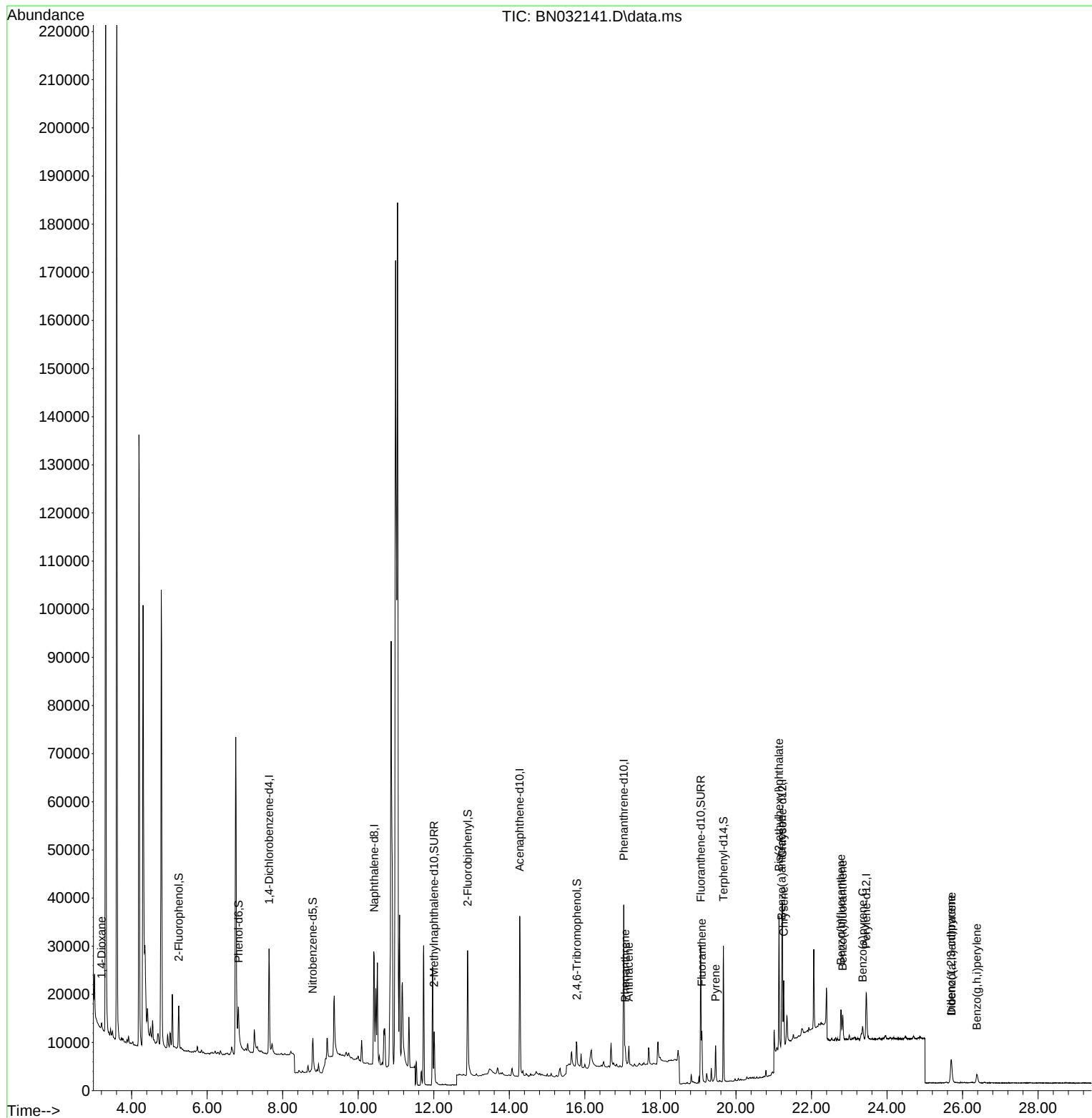
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Data File : BN032141.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

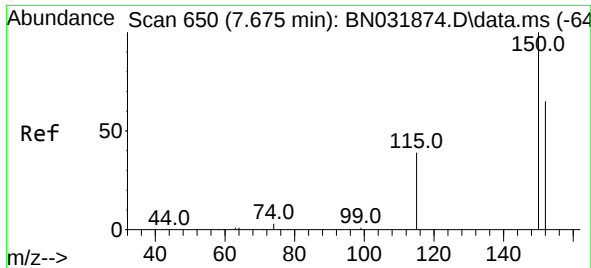
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-640-642

Quant Time: Jun 22 00:34:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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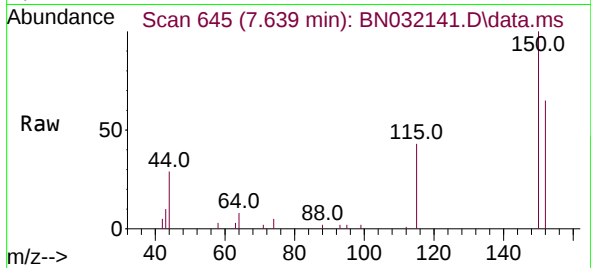
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.639 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN032141.D
 Acq: 21 Jun 2024 20:59

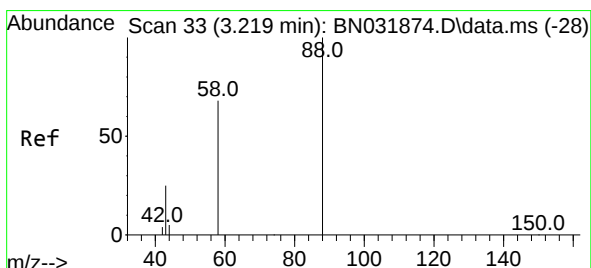
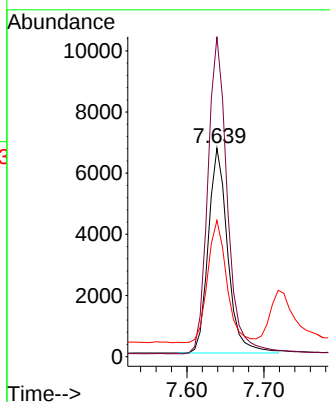
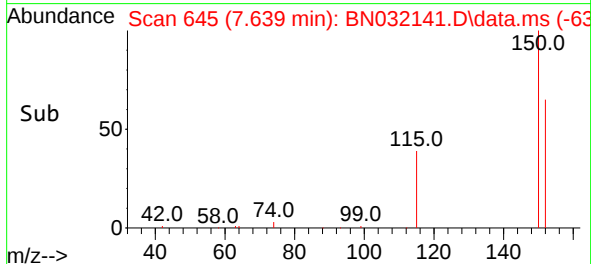
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-640-642



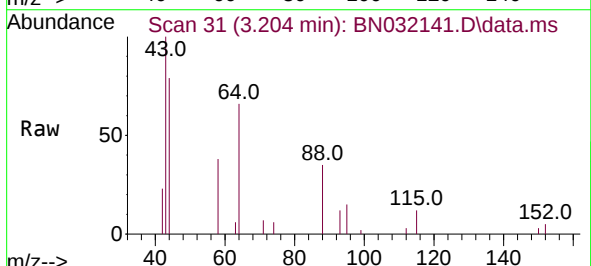
Tgt Ion:152 Resp: 1168
 Ion Ratio Lower Upper
 152 100
 150 153.5 121.0 181.4
 115 65.4 49.4 74.0

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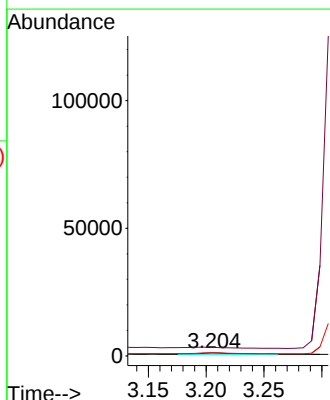
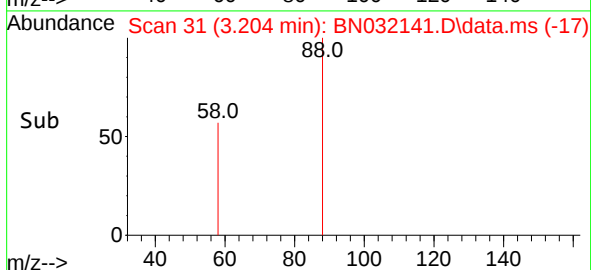
Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/28/2024



#2
 1,4-Dioxane
 Concen: 0.069 ng
 RT: 3.204 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN032141.D
 Acq: 21 Jun 2024 20:59



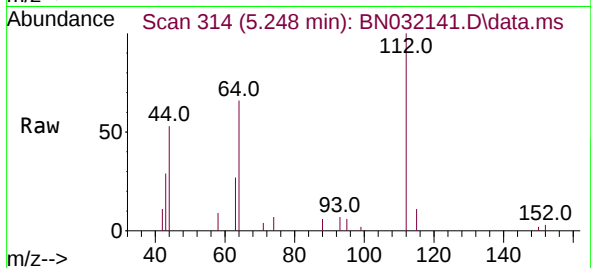
Tgt Ion: 88 Resp: 983
 Ion Ratio Lower Upper
 88 100
 43 149.4 22.7 34.1#
 58 73.2 51.3 76.9





#4
2-Fluorophenol
Concen: 0.254 ng
RT: 5.248 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN032141.D
Acq: 21 Jun 2024 20:59

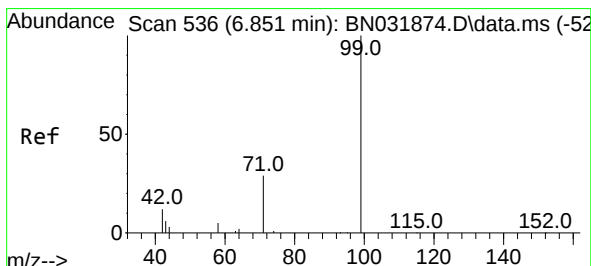
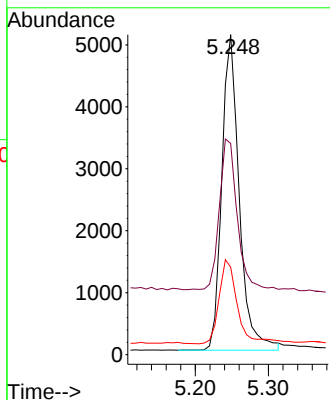
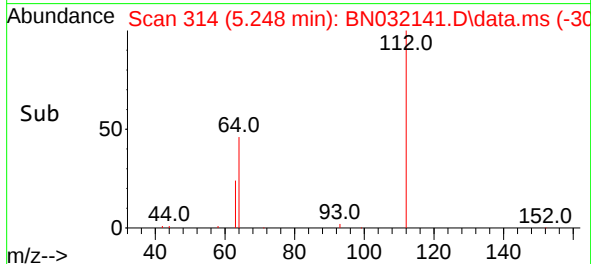
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-640-642



Tgt Ion: 112 Resp: 844
Ion Ratio Lower Upper
112 100
64 48.2 42.4 63.6
63 28.0 22.1 33.1

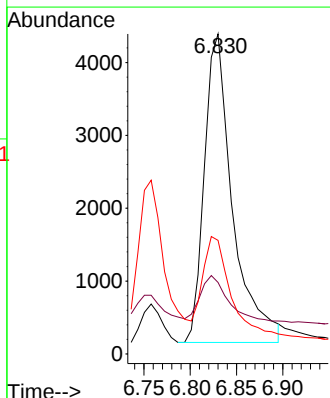
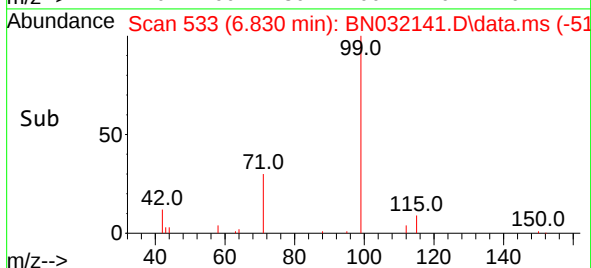
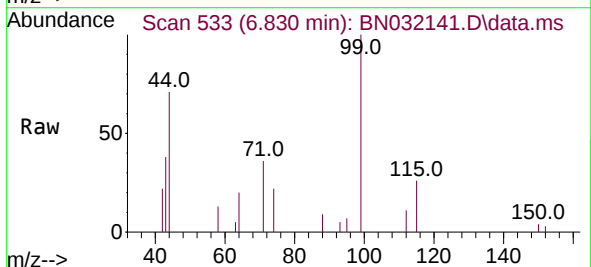
Manual Integrations
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Supervised By :mohammad ahmed 06/28/2024



#5
Phenol-d6
Concen: 0.206 ng
RT: 6.830 min Scan# 533
Delta R.T. 0.000 min
Lab File: BN032141.D
Acq: 21 Jun 2024 20:59

Tgt Ion: 99 Resp: 8978
Ion Ratio Lower Upper
99 100
42 14.2 12.8 19.2
71 29.5 25.4 38.2





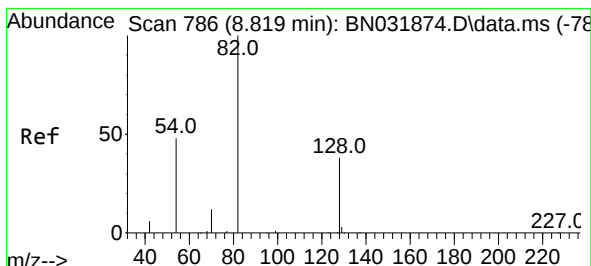
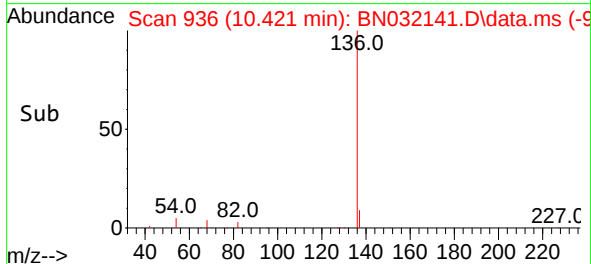
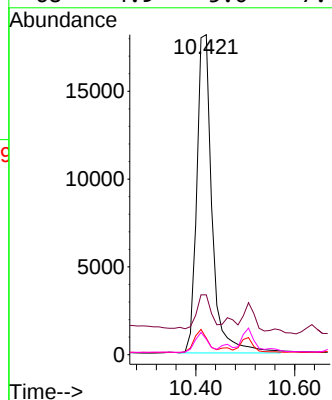
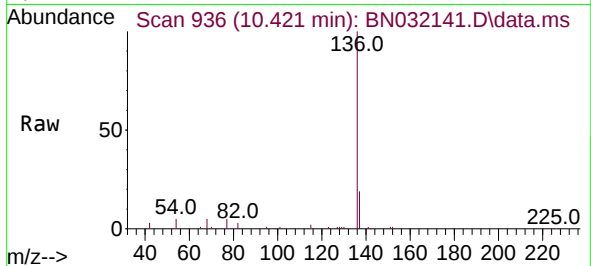
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN032141.D
Acq: 21 Jun 2024 20:59

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-640-642

Tgt Ion:136 Resp: 3889
Ion Ratio Lower Upper
136 100
137 18.7 8.9 13.3
54 5.2 5.6 8.4
68 4.9 5.0 7.4

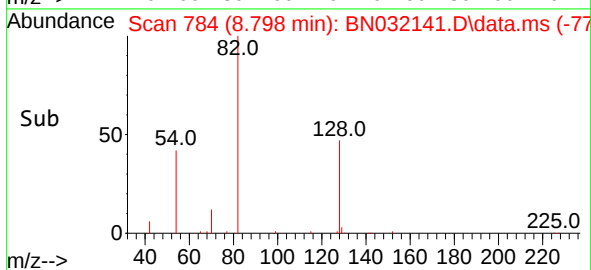
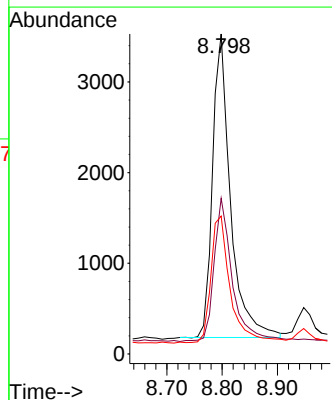
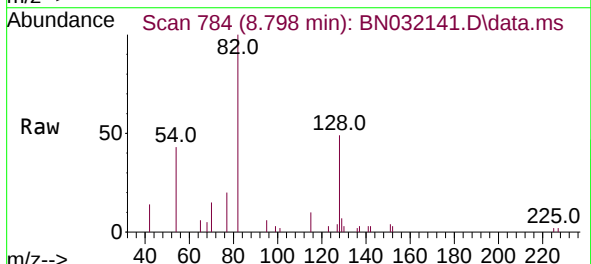
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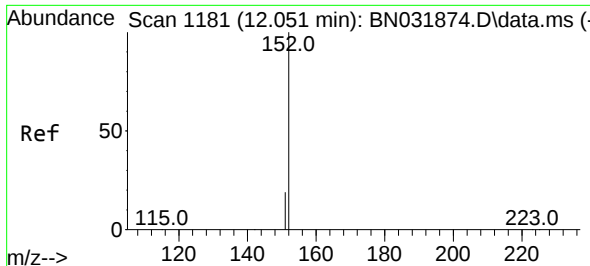
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#8
Nitrobenzene-d5
Concen: 0.233 ng
RT: 8.798 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN032141.D
Acq: 21 Jun 2024 20:59

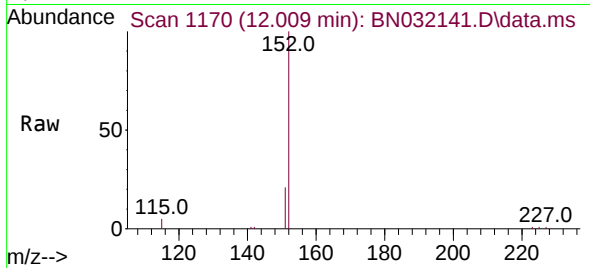
Tgt Ion: 82 Resp: 7545
Ion Ratio Lower Upper
82 100
128 48.7 32.1 48.1
54 43.1 39.7 59.5





#11
2-Methylnaphthalene-d10
Concen: 0.262 ng
RT: 12.009 min Scan# 1181
Delta R.T. -0.011 min
Lab File: BN032141.D
Acq: 21 Jun 2024 20:59

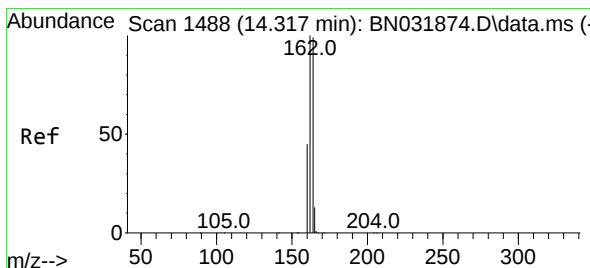
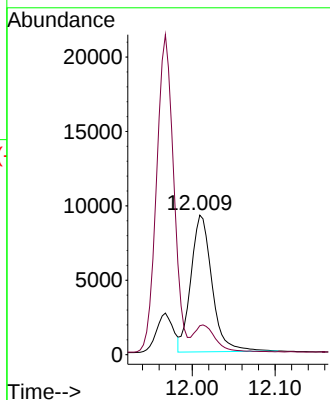
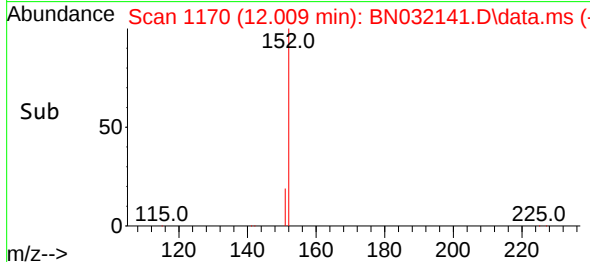
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-640-642



Tgt Ion:152 Resp: 16248
Ion Ratio Lower Upper
152 100
151 19.4 16.3 24.5

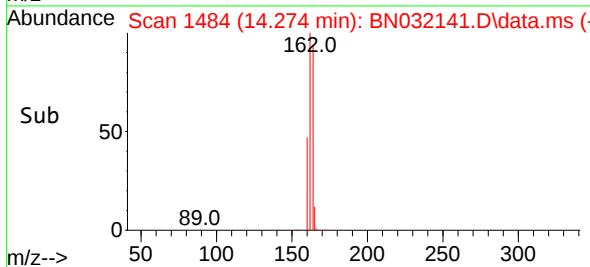
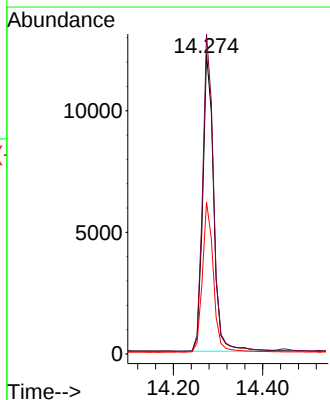
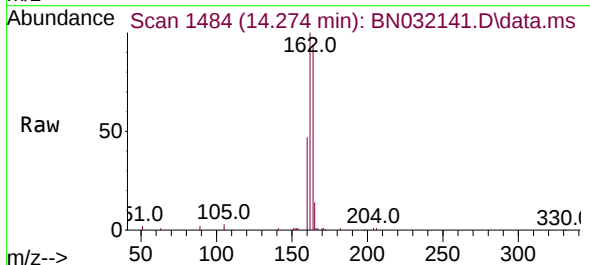
Manual Integrations
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Supervised By :mohammad ahmed 06/28/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.274 min Scan# 1484
Delta R.T. -0.011 min
Lab File: BN032141.D
Acq: 21 Jun 2024 20:59

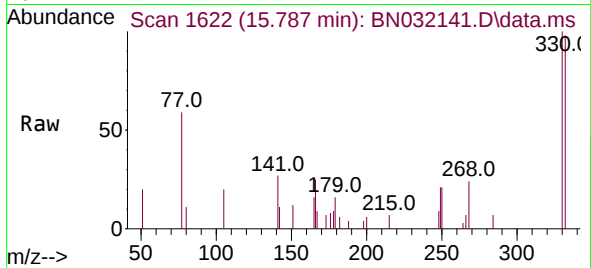
Tgt Ion:164 Resp: 20748
Ion Ratio Lower Upper
164 100
162 106.6 80.7 121.1
160 50.6 36.2 54.4





#14
2,4,6-Tribromophenol
Concen: 0.349 ng
RT: 15.787 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BN032141.D
Acq: 21 Jun 2024 20:59

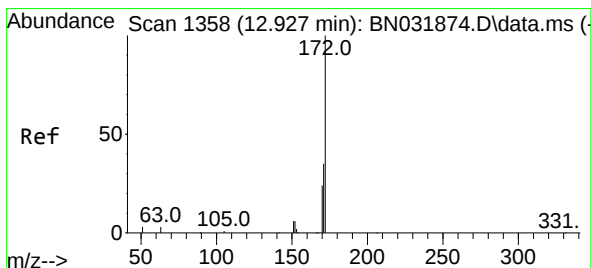
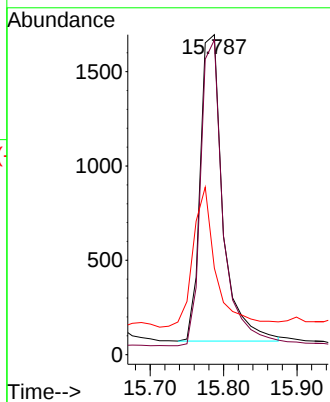
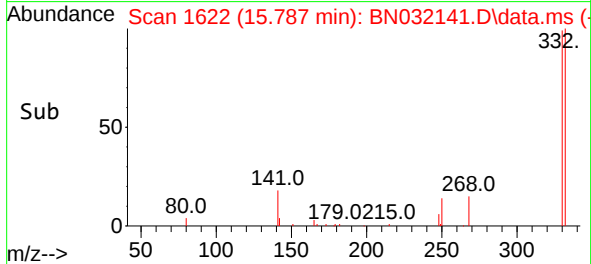
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-640-642



Tgt Ion: 330 Resp: 3470
Ion Ratio Lower Upper
330 100
332 99.7 77.5 116.3
141 47.1 34.7 52.1

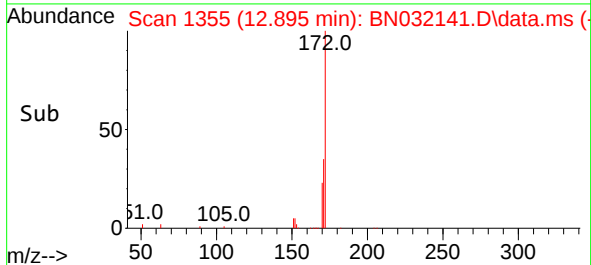
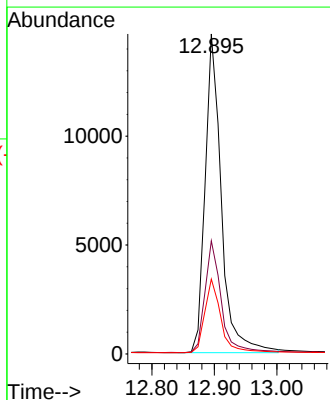
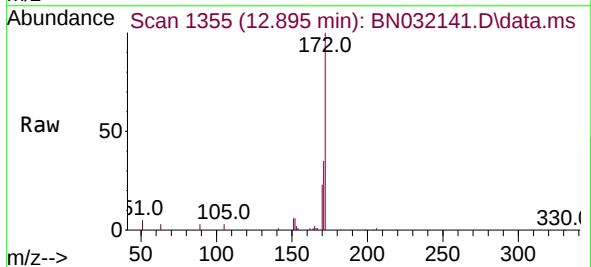
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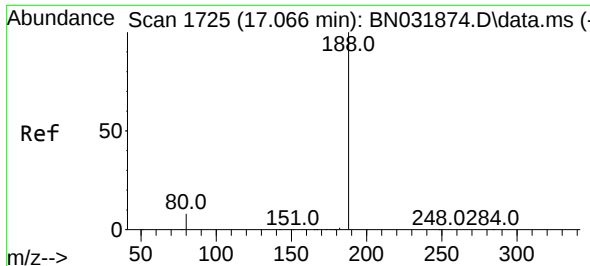
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 12.895 min Scan# 1355
Delta R.T. -0.011 min
Lab File: BN032141.D
Acq: 21 Jun 2024 20:59

Tgt Ion: 172 Resp: 26376
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.4 19.2 28.8





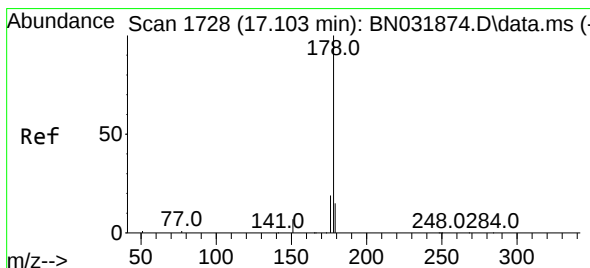
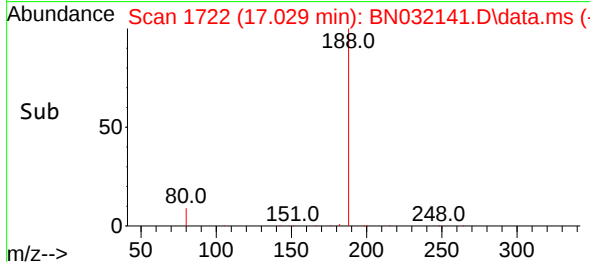
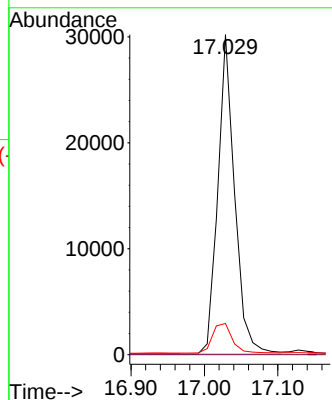
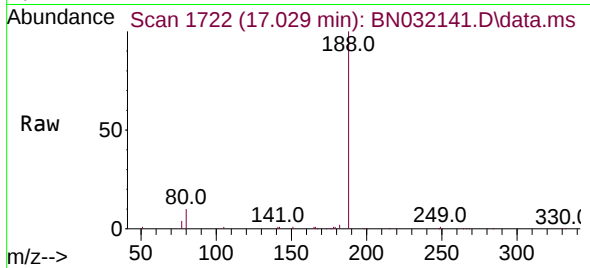
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Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1722
Delta R.T. 0.000 min
Lab File: BN032141.D
Acq: 21 Jun 2024 20:59

Instrument :
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BP-VPB-196-GW-640-642

Tgt Ion:188 Resp: 47919
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 6.4 9.6

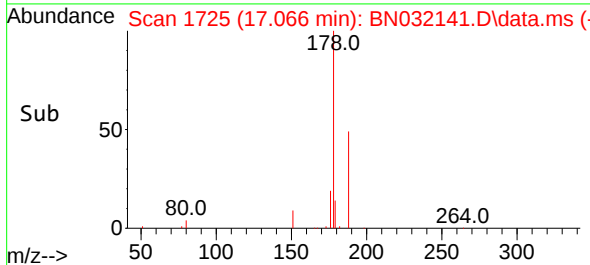
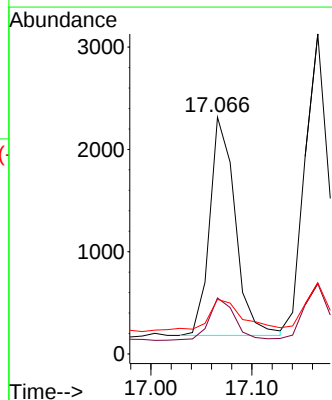
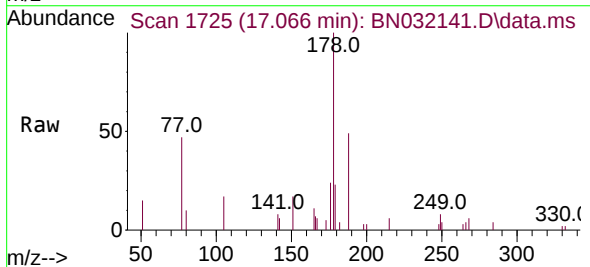
Manual Integrations
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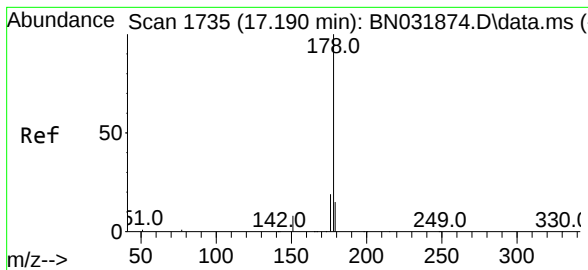
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#25
Phenanthrene
Concen: 0.028 ng
RT: 17.066 min Scan# 1725
Delta R.T. -0.012 min
Lab File: BN032141.D
Acq: 21 Jun 2024 20:59

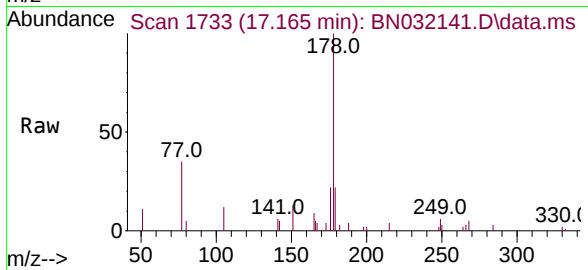
Tgt Ion:178 Resp: 3742
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 18.3 12.2 18.2





#26
 Anthracene
 Concen: 0.041 ng
 RT: 17.165 min Scan# 1733
 Delta R.T. 0.000 min
 Lab File: BN032141.D
 Acq: 21 Jun 2024 20:59

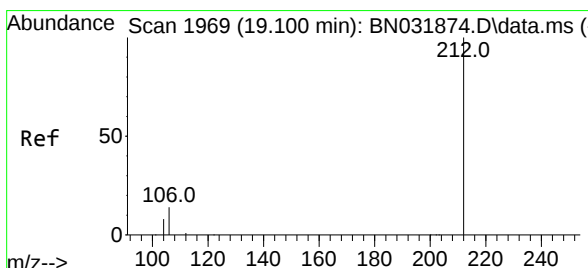
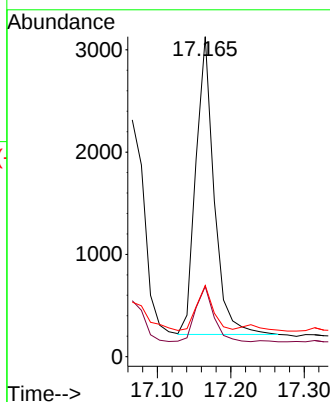
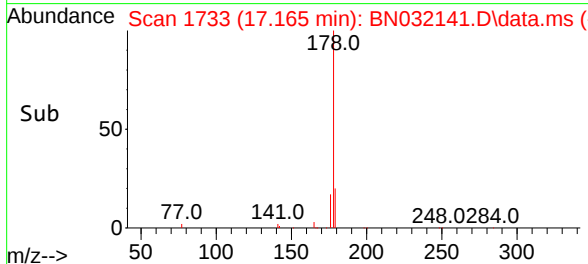
Instrument :
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 BP-VPB-196-GW-640-642



Tgt Ion:178 Resp: 5028
 Ion Ratio Lower Upper
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 176 18.4 14.8 22.2
 179 13.4 12.2 18.2

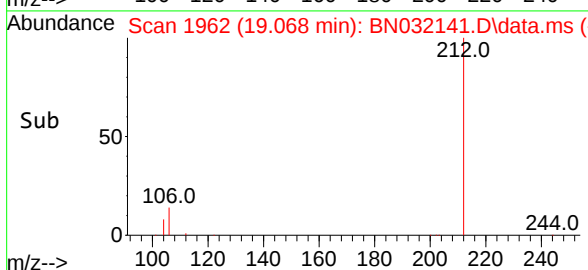
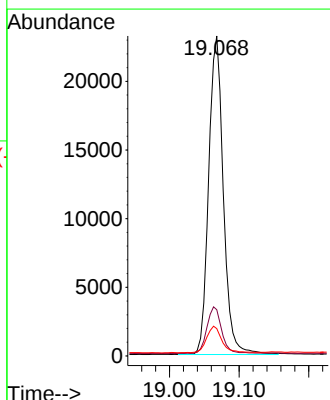
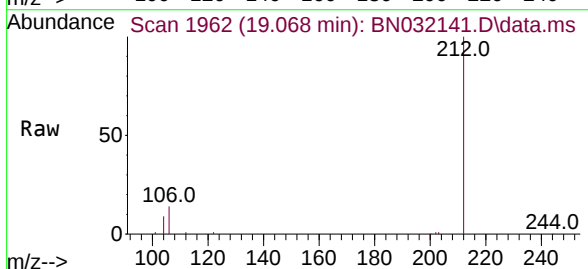
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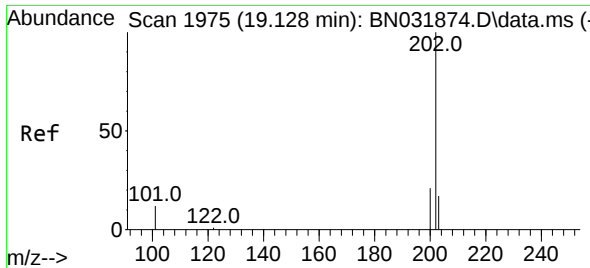
Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/28/2024



#27
 Fluoranthene-d10
 Concen: 0.261 ng
 RT: 19.068 min Scan# 1962
 Delta R.T. -0.005 min
 Lab File: BN032141.D
 Acq: 21 Jun 2024 20:59

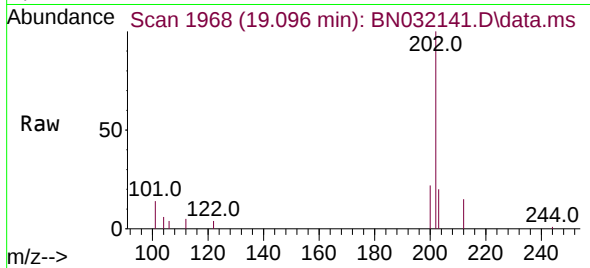
Tgt Ion:212 Resp: 33977
 Ion Ratio Lower Upper
 212 100
 106 14.7 11.8 17.8
 104 8.6 6.6 10.0





#28
Fluoranthene
Concen: 0.058 ng
RT: 19.096 min Scan# 1975
Delta R.T. -0.005 min
Lab File: BN032141.D
Acq: 21 Jun 2024 20:59

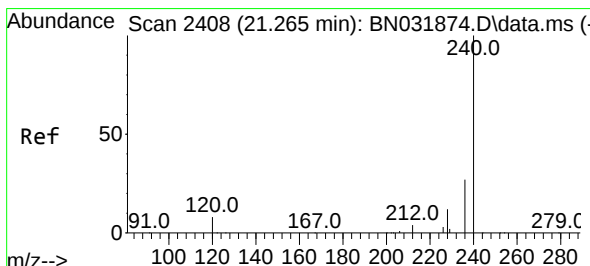
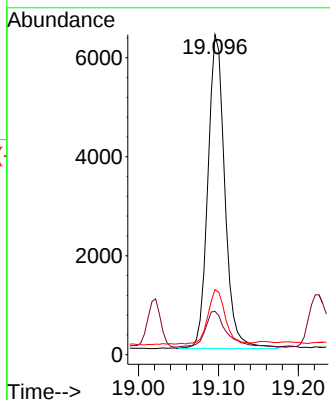
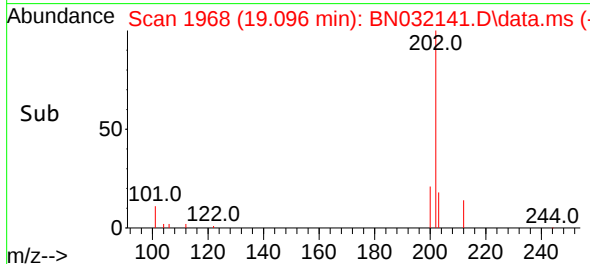
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-640-642



Tgt Ion:202 Resp: 9330
Ion Ratio Lower Upper
202 100
101 14.6 9.8 14.6
203 17.6 13.7 20.5

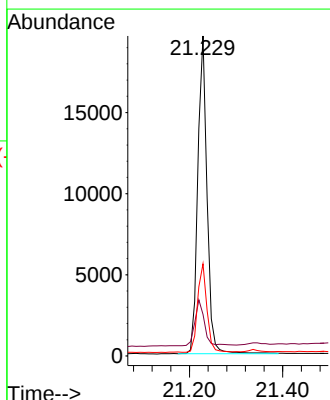
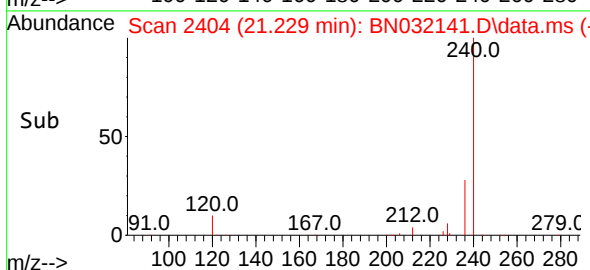
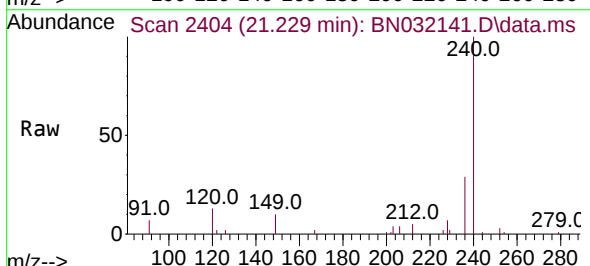
Manual Integrations
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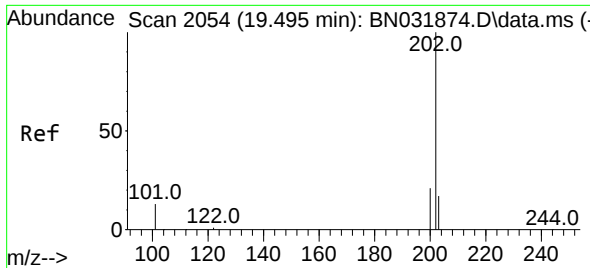
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BN032141.D
Acq: 21 Jun 2024 20:59

Tgt Ion:240 Resp: 27055
Ion Ratio Lower Upper
240 100
120 13.0 8.2 12.4#
236 28.8 21.8 32.8





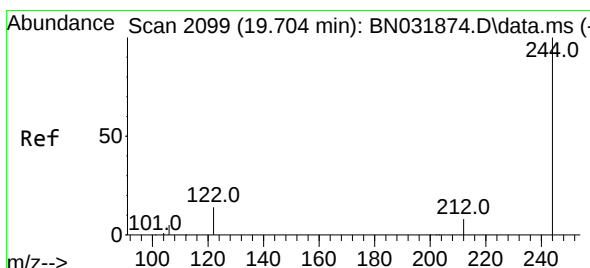
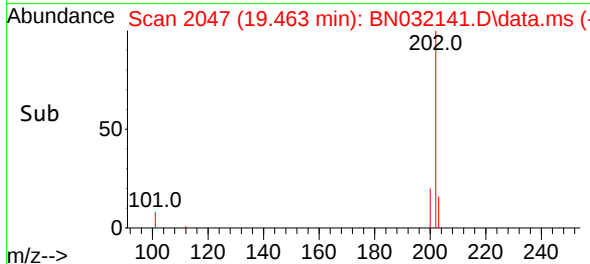
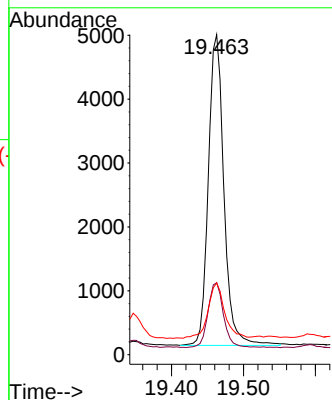
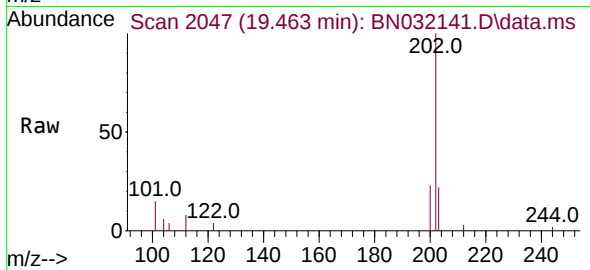
#30
 Pyrene
 Concen: 0.068 ng
 RT: 19.463 min Scan# 2047
 Delta R.T. -0.005 min
 Lab File: BN032141.D
 Acq: 21 Jun 2024 20:59

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-640-642

Tgt Ion:202 Resp: 728
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.7 25.1
 203 19.2 14.3 21.5

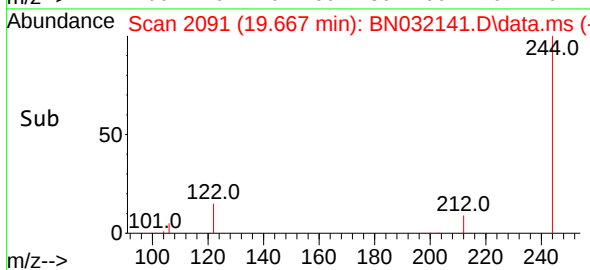
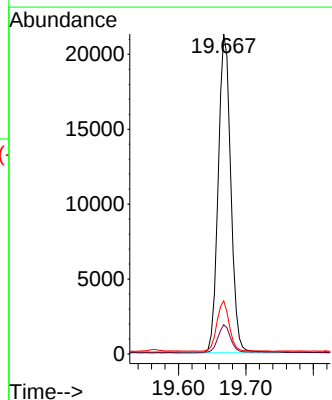
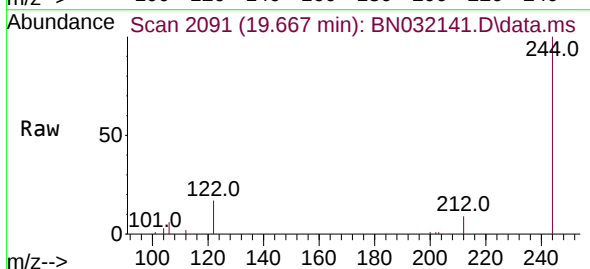
Manual Integrations
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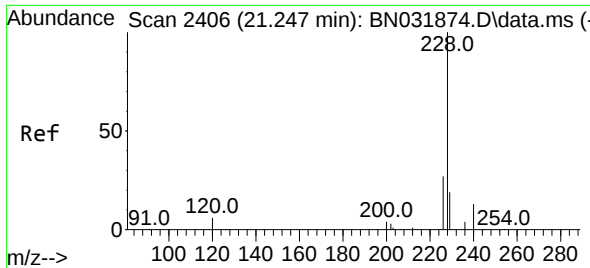
Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/28/2024



#31
 Terphenyl-d14
 Concen: 0.416 ng
 RT: 19.667 min Scan# 2091
 Delta R.T. -0.005 min
 Lab File: BN032141.D
 Acq: 21 Jun 2024 20:59

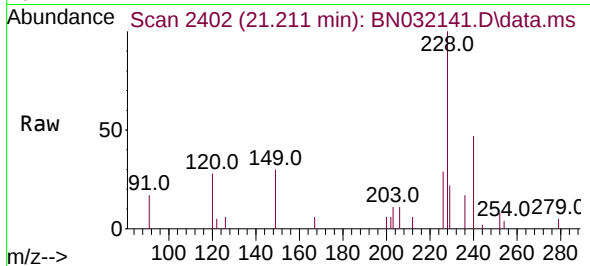
Tgt Ion:244 Resp: 27484
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.5 9.7
 122 16.6 11.4 17.0





#32
Benzo(a)anthracene
Concen: 0.097 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN032141.D
Acq: 21 Jun 2024 20:59

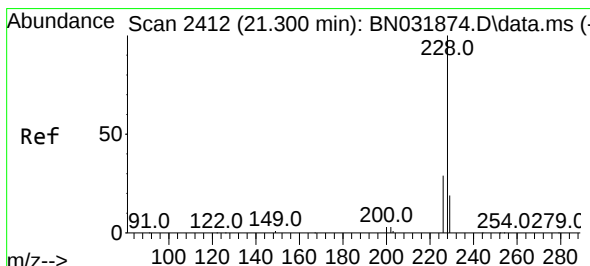
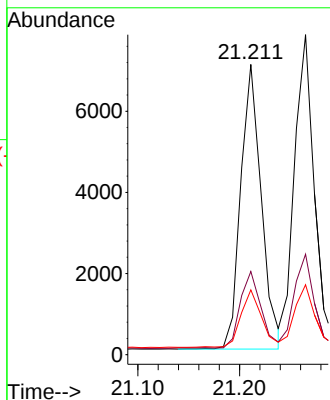
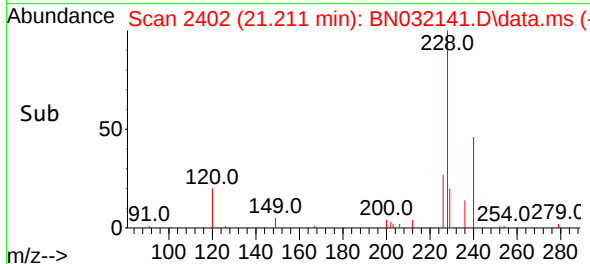
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-640-642



Tgt Ion:228 Resp: 987
Ion Ratio Lower Upper
228 100
226 28.7 21.8 32.6
229 22.3 15.8 23.8

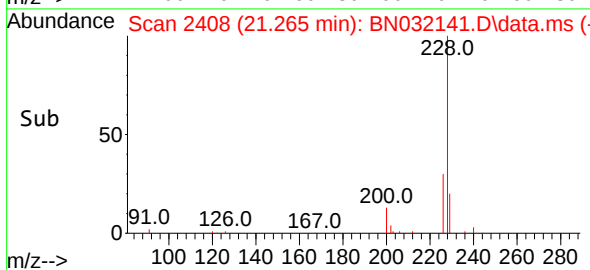
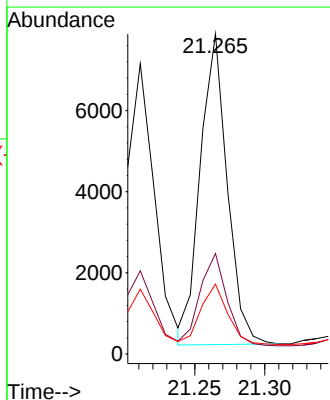
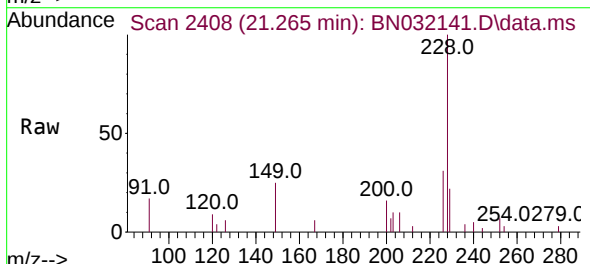
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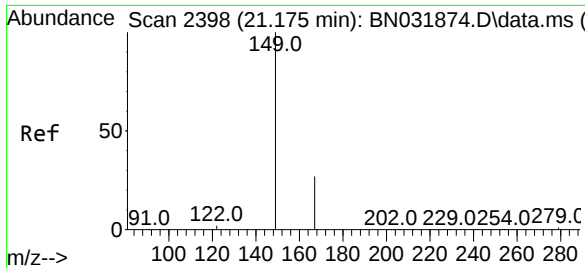
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#33
Chrysene
Concen: 0.107 ng
RT: 21.265 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN032141.D
Acq: 21 Jun 2024 20:59

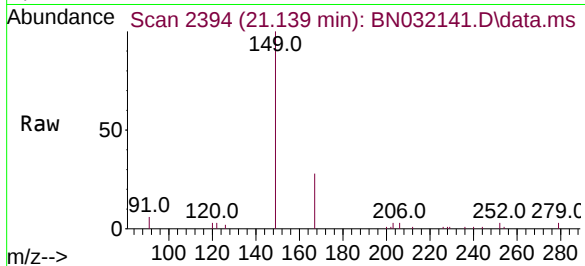
Tgt Ion:228 Resp: 10268
Ion Ratio Lower Upper
228 100
226 31.4 23.6 35.4
229 21.8 15.8 23.6





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.343 ng
RT: 21.139 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN032141.D
Acq: 21 Jun 2024 20:59

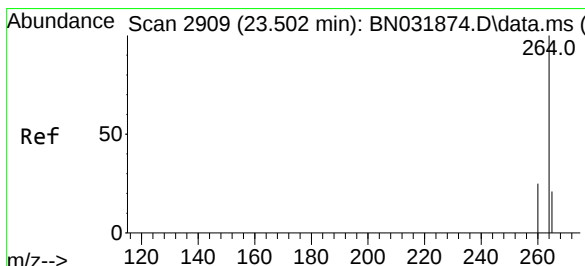
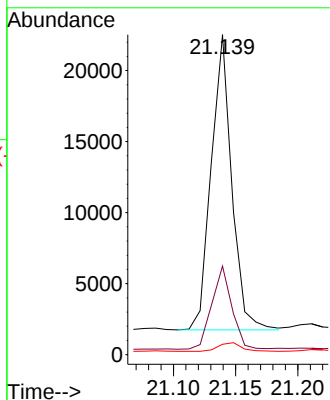
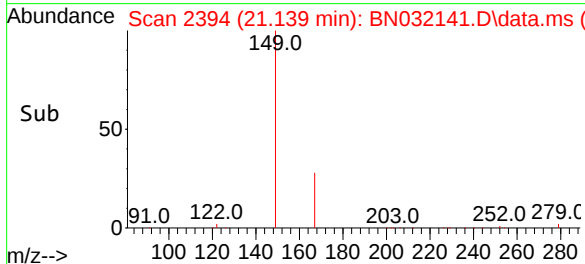
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-640-642



Tgt Ion:149 Resp: 2388
Ion Ratio Lower Upper
149 100
167 27.4 22.5 33.7
279 3.3 2.9 4.3

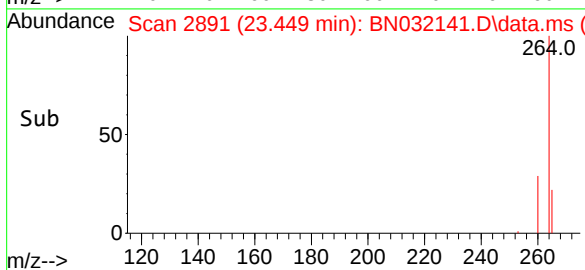
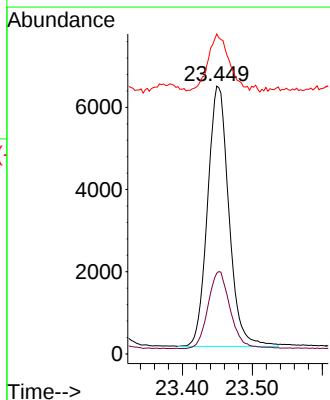
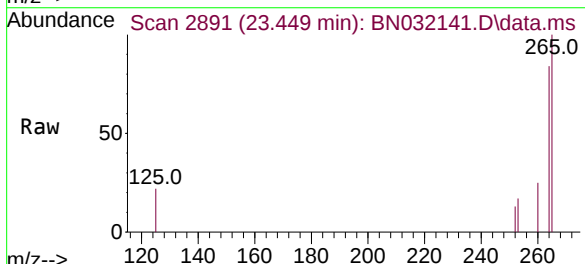
Manual Integrations
APPROVED

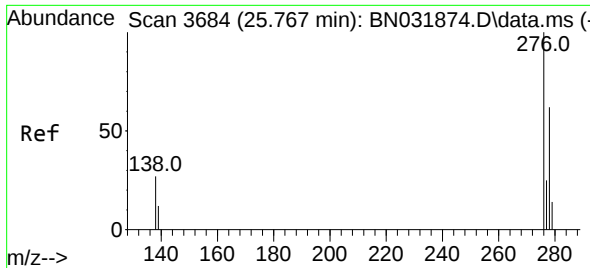
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.449 min Scan# 2891
Delta R.T. -0.003 min
Lab File: BN032141.D
Acq: 21 Jun 2024 20:59

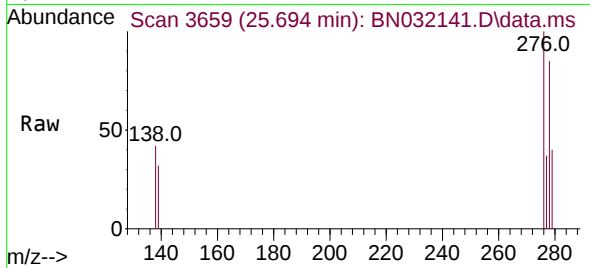
Tgt Ion:264 Resp: 13406
Ion Ratio Lower Upper
264 100
260 30.2 20.5 30.7
265 119.5 39.6 59.4#





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.113 ng
RT: 25.694 min Scan# 3062
Delta R.T. 0.000 min
Lab File: BN032141.D
Acq: 21 Jun 2024 20:59

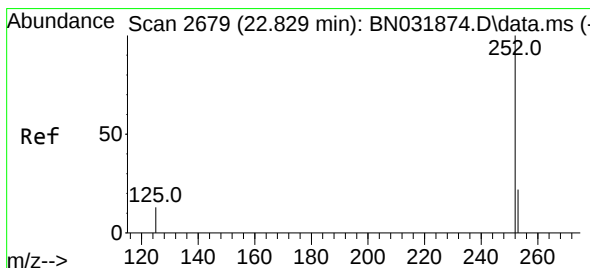
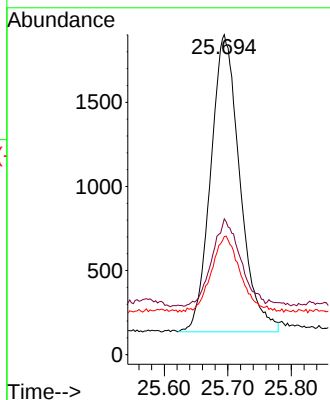
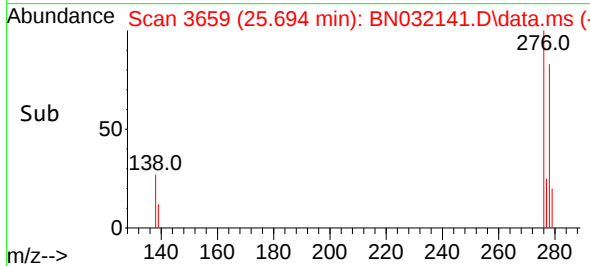
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-640-642



Tgt Ion:276 Resp: 5649
Ion Ratio Lower Upper
276 100
138 28.6 21.5 32.3
277 24.5 19.8 29.8

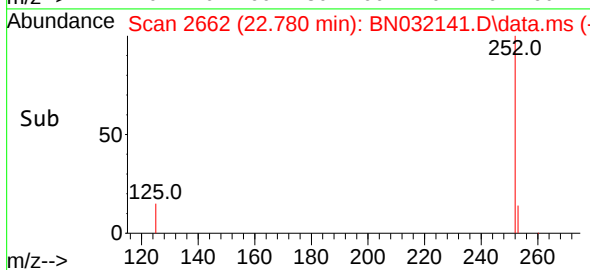
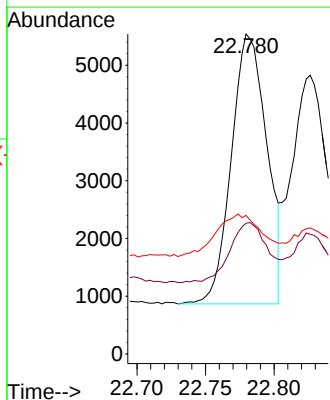
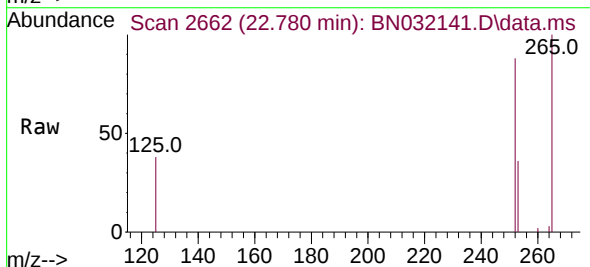
Manual Integrations
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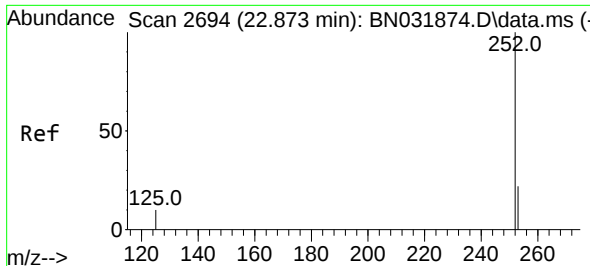
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#37
Benzo(b)fluoranthene
Concen: 0.172 ng
RT: 22.780 min Scan# 2662
Delta R.T. -0.006 min
Lab File: BN032141.D
Acq: 21 Jun 2024 20:59

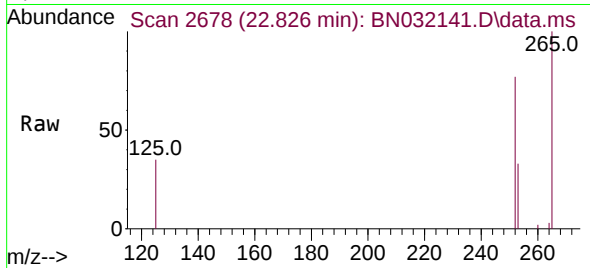
Tgt Ion:252 Resp: 8393
Ion Ratio Lower Upper
252 100
253 40.9 20.2 30.2#
125 43.3 14.2 21.4#





#38
Benzo(k)fluoranthene
Concen: 0.155 ng m
RT: 22.826 min Scan# 20
Delta R.T. -0.003 min
Lab File: BN032141.D
Acq: 21 Jun 2024 20:59

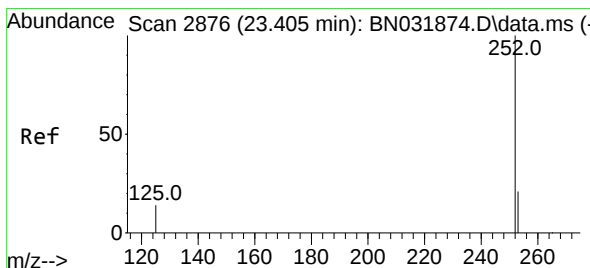
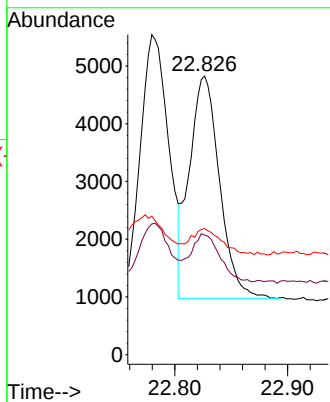
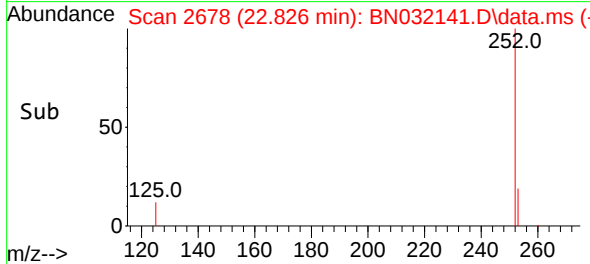
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-640-642



Tgt Ion:252 Resp: 7175
Ion Ratio Lower Upper
252 100
253 42.9 19.9 29.9#
125 45.2 13.0 19.4#

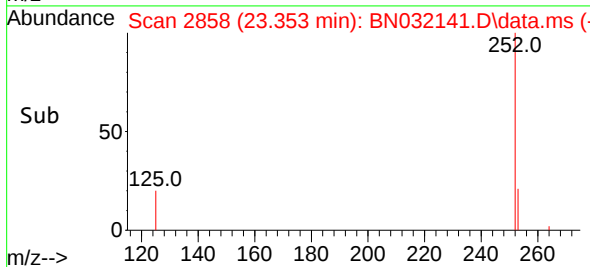
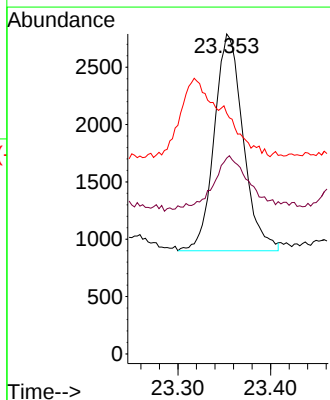
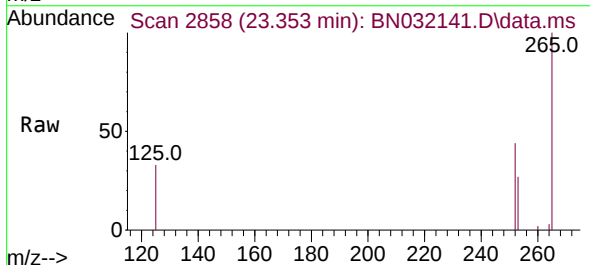
Manual Integrations
APPROVED

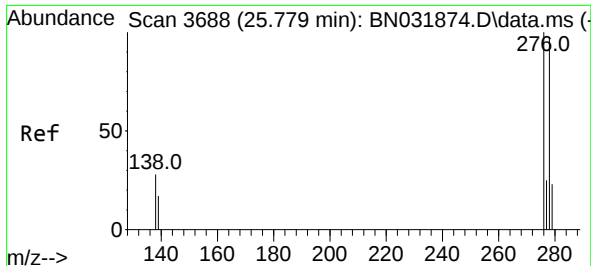
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#39
Benzo(a)pyrene
Concen: 0.097 ng
RT: 23.353 min Scan# 2858
Delta R.T. -0.006 min
Lab File: BN032141.D
Acq: 21 Jun 2024 20:59

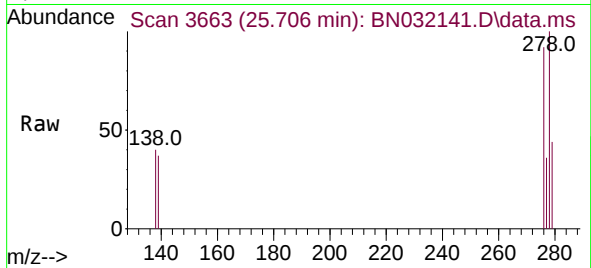
Tgt Ion:252 Resp: 4092
Ion Ratio Lower Upper
252 100
253 61.2 20.5 30.7#
125 75.3 16.4 24.6#





#40
Dibenzo(a,h)anthracene
Concen: 0.130 ng
RT: 25.706 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN032141.D
Acq: 21 Jun 2024 20:59

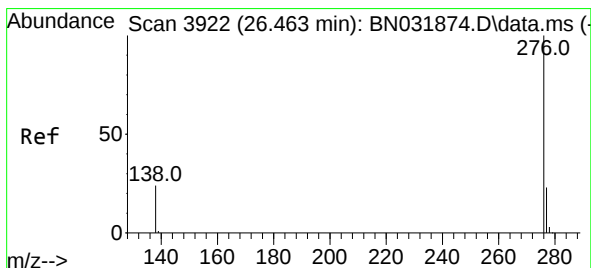
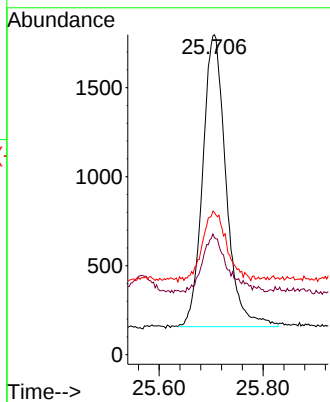
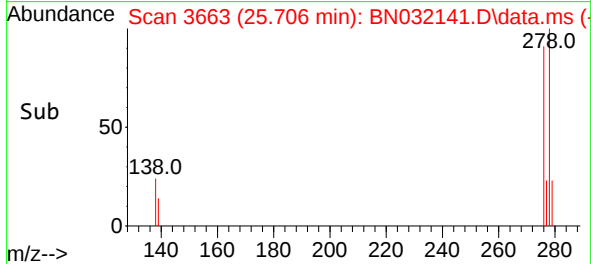
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-640-642



Tgt Ion:278 Resp: 5110
Ion Ratio Lower Upper
278 100
139 36.6 17.0 25.4#
279 44.5 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: 0.093 ng
RT: 26.379 min Scan# 3893
Delta R.T. 0.000 min
Lab File: BN032141.D
Acq: 21 Jun 2024 20:59

Tgt Ion:276 Resp: 3918
Ion Ratio Lower Upper
276 100
277 39.1 20.2 30.2#
138 42.2 20.6 31.0#

