

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
 Data File : BN032140.D
 Acq On : 21 Jun 2024 20:23
 Operator : MA/JU
 Sample : P3002-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-620-622

Manual Integrations
 APPROVED

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

Quant Time: Jun 22 00:34:15 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	9827	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	34184	0.400	ng	# 0.00
13) Acenaphthene-d10	14.274	164	22697	0.400	ng	-0.01
19) Phenanthrene-d10	17.028	188	45840	0.400	ng	# 0.00
29) Chrysene-d12	21.229	240	26824	0.400	ng	# 0.00
35) Perylene-d12	23.452	264	24650	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	5660	0.203	ng	0.00
5) Phenol-d6	6.830	99	5309	0.145	ng	0.00
8) Nitrobenzene-d5	8.798	82	7022	0.247	ng	0.00
11) 2-Methylnaphthalene-d10	12.013	152	15830	0.291	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	3214	0.295	ng	0.00
15) 2-Fluorobiphenyl	12.895	172	24756	0.288	ng	-0.01
27) Fluoranthene-d10	19.068	212	37689	0.302	ng	0.00
31) Terphenyl-d14	19.667	244	28864	0.440	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.066	178	3257	0.026	ng	98
26) Anthracene	17.165	178	6034	0.051	ng	99
28) Fluoranthene	19.096	202	10718	0.069	ng	96
30) Pyrene	19.463	202	11039	0.104	ng	99
32) Benzo(a)anthracene	21.211	228	14156	0.140	ng	98
33) Chrysene	21.265	228	14088	0.147	ng	98
34) Bis(2-ethylhexyl)phtha...	21.139	149	37526	0.544	ng	100
36) Indeno(1,2,3-cd)pyrene	25.697	276	8999	0.098	ng	97
37) Benzo(b)fluoranthene	22.785	252	11881	0.132	ng	# 76
38) Benzo(k)fluoranthene	22.829	252	11257m	0.133	ng	
39) Benzo(a)pyrene	23.355	252	7408	0.096	ng	# 56
40) Dibenzo(a,h)anthracene	25.709	278	7378	0.102	ng	# 78
41) Benzo(g,h,i)perylene	26.384	276	6226	0.080	ng	# 80

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

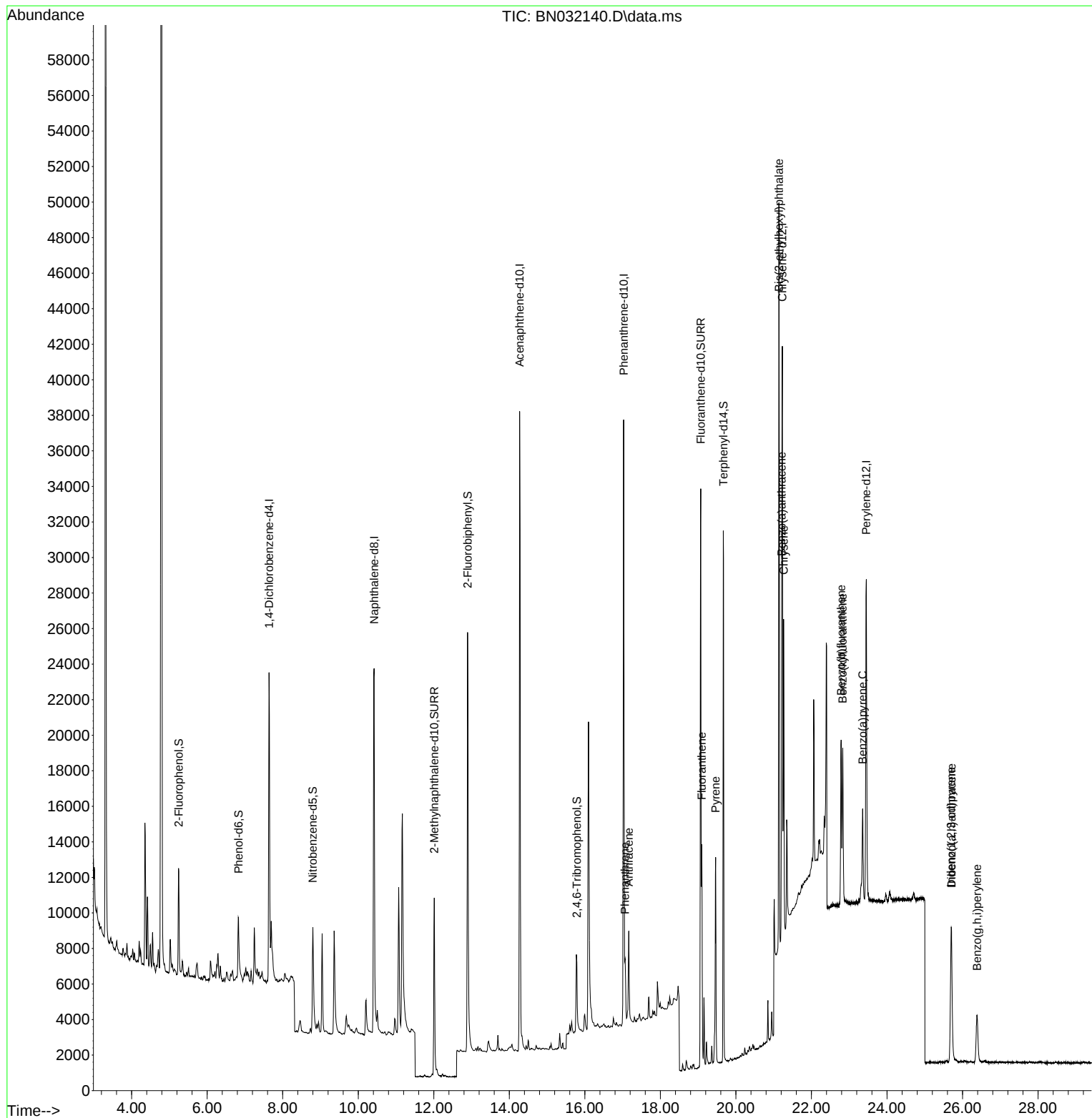
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
Data File : BN032140.D
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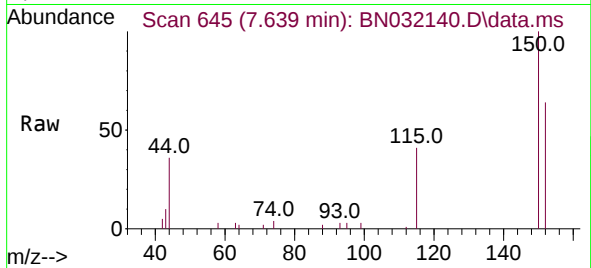
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.639 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

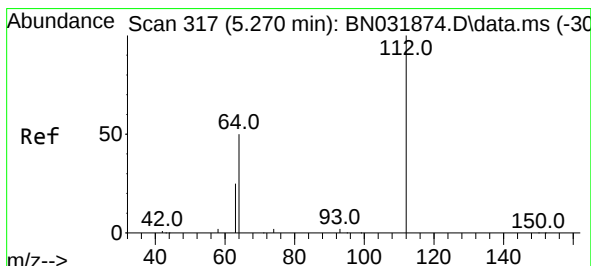
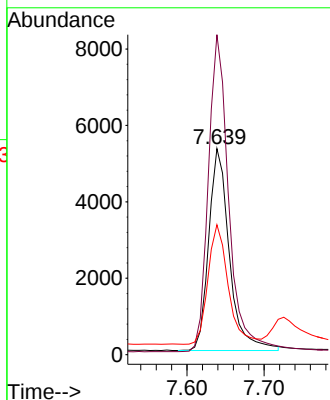
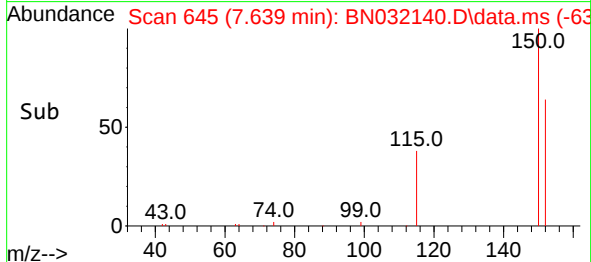
Instrument :
BNA_N
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BP-VPB-196-GW-620-622



Tgt Ion:152 Resp: 982
Ion Ratio Lower Upper
152 100
150 155.2 121.0 181.4
115 63.0 49.4 74.0

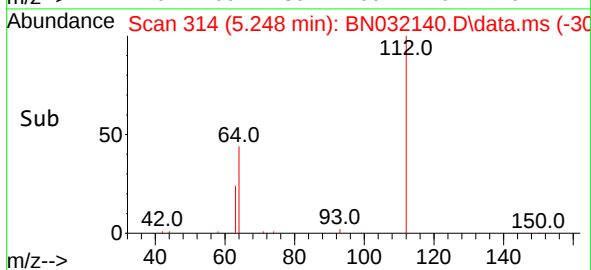
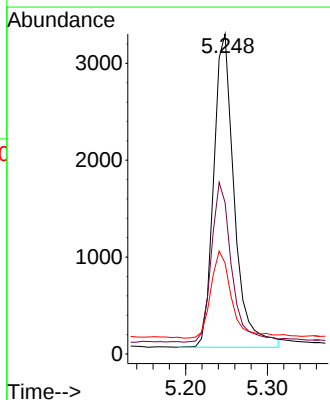
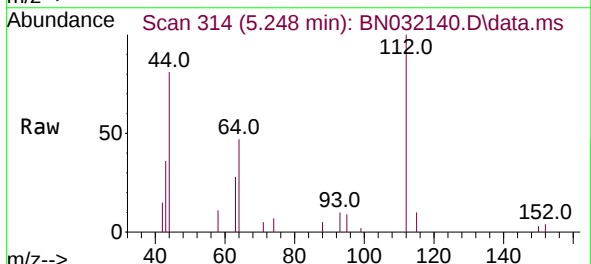
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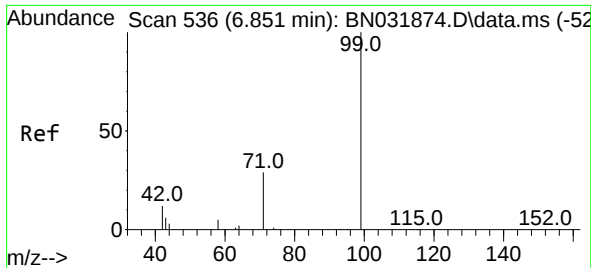
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#4
2-Fluorophenol
Concen: 0.203 ng
RT: 5.248 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

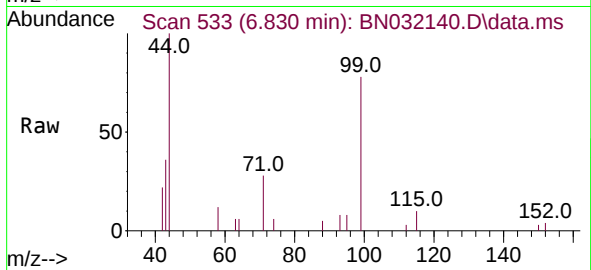
Tgt Ion:112 Resp: 5660
Ion Ratio Lower Upper
112 100
64 50.1 42.4 63.6
63 28.1 22.1 33.1





#5
Phenol-d6
Concen: 0.145 ng
RT: 6.830 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

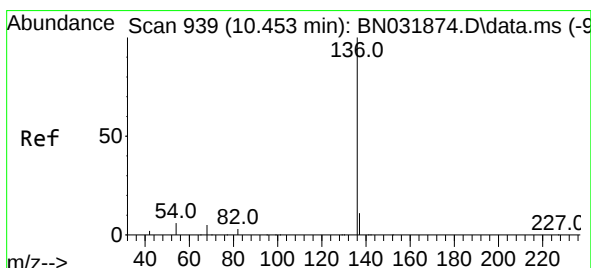
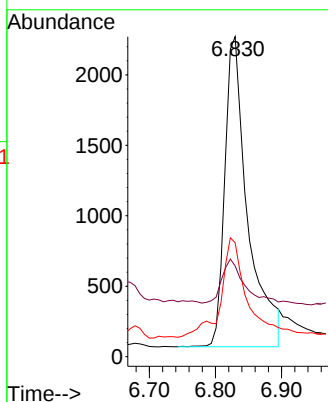
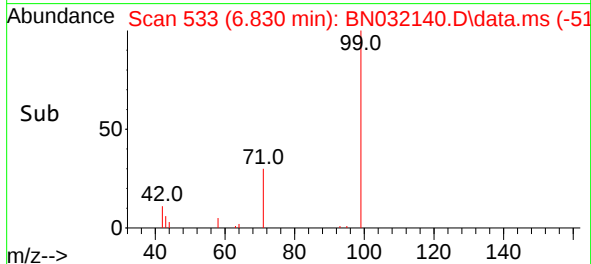
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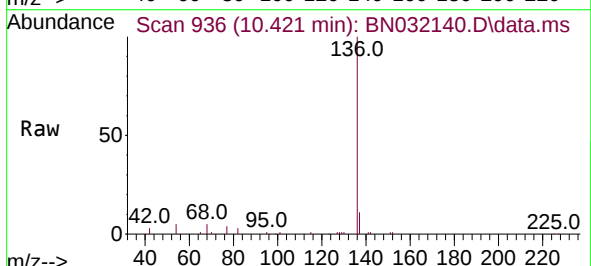
Tgt Ion: 99 Resp: 5309
Ion Ratio Lower Upper
99 100
42 13.6 12.8 19.2
71 35.5 25.4 38.2

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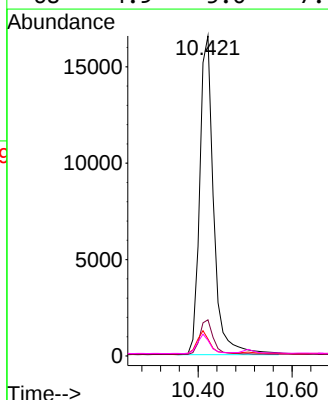
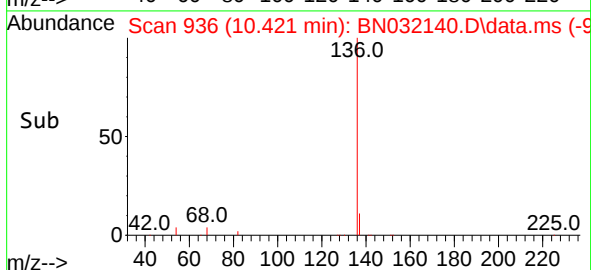
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024

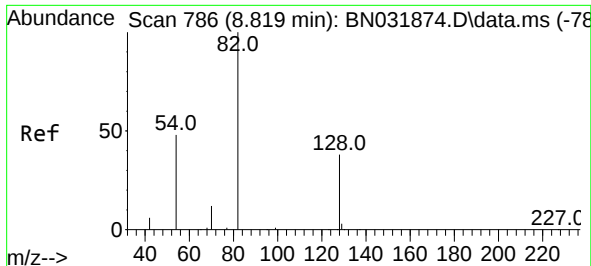


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23



Tgt Ion:136 Resp: 34184
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 5.3 5.6 8.4#
68 4.9 5.0 7.4#





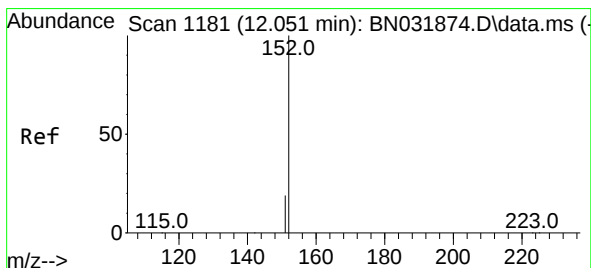
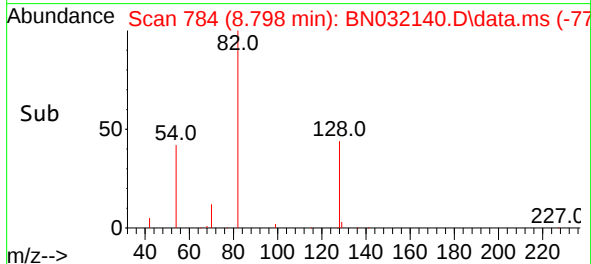
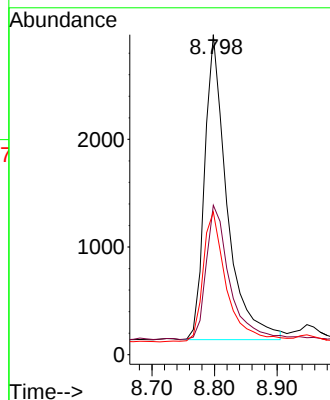
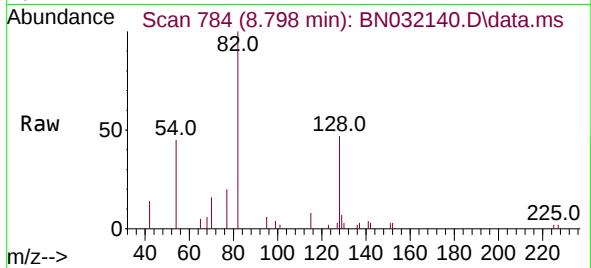
#8
Nitrobenzene-d5
Concen: 0.247 ng
RT: 8.798 min Scan# 711
Delta R.T. -0.000 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 82 Resp: 702
Ion Ratio Lower Upper
82 100
128 46.7 32.1 48.1
54 44.6 39.7 59.5

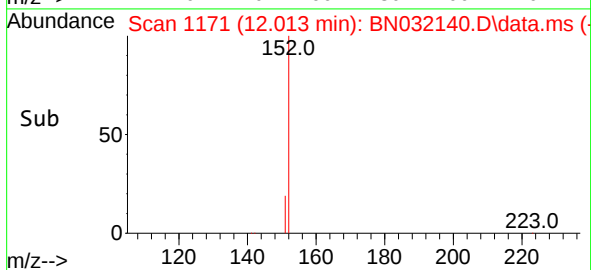
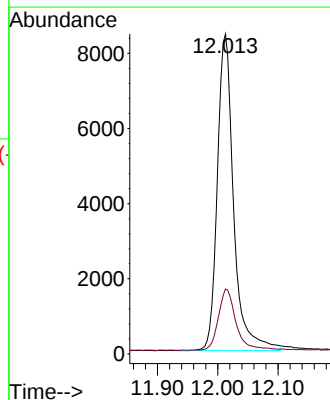
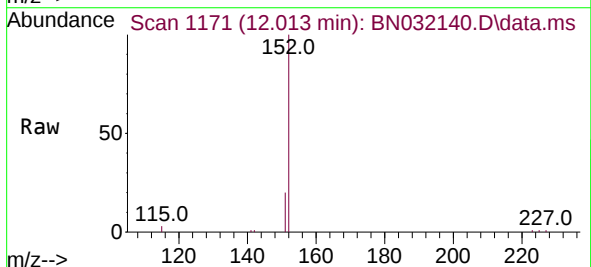
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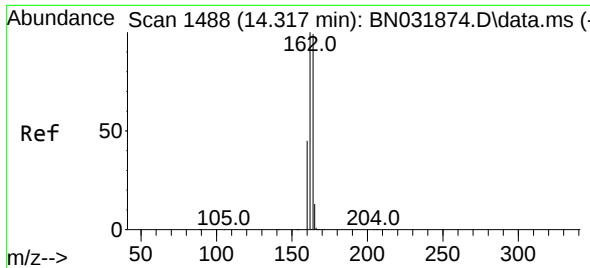
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#11
2-Methylnaphthalene-d10
Concen: 0.291 ng
RT: 12.013 min Scan# 1171
Delta R.T. -0.008 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

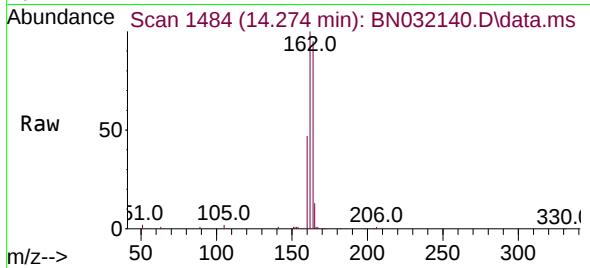
Tgt Ion:152 Resp: 15830
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.274 min Scan# 1488
Delta R.T. -0.011 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

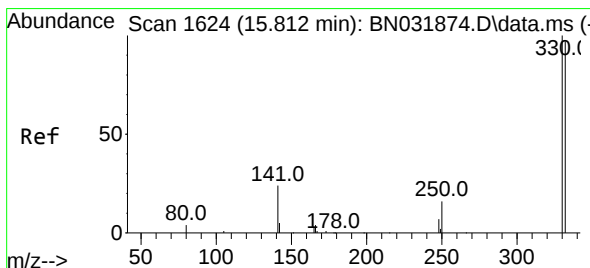
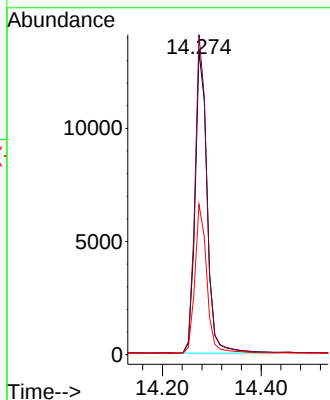
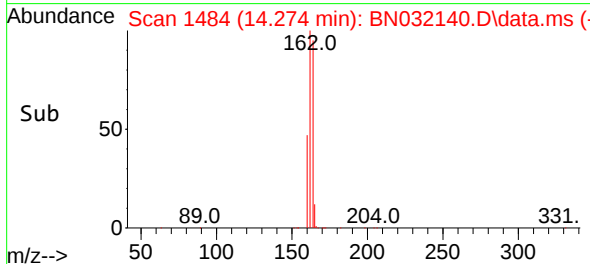
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-620-622



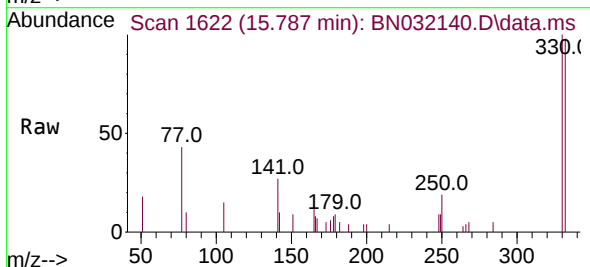
Tgt Ion:164 Resp: 2269
Ion Ratio Lower Upper
164 100
162 105.5 80.7 121.1
160 49.5 36.2 54.4

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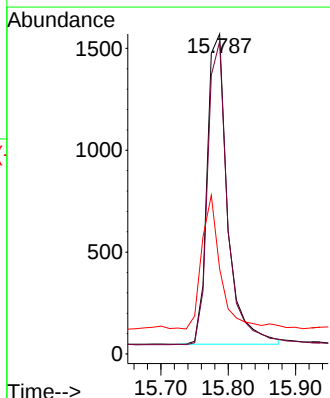
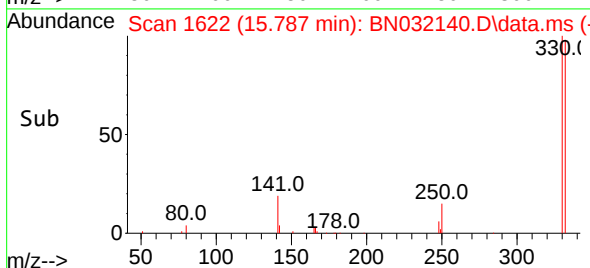
Reviewed By :Yogesh Patel 06/24/2024
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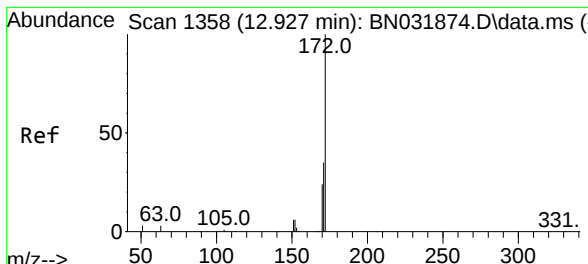


#14
2,4,6-Tribromophenol
Concen: 0.295 ng
RT: 15.787 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23



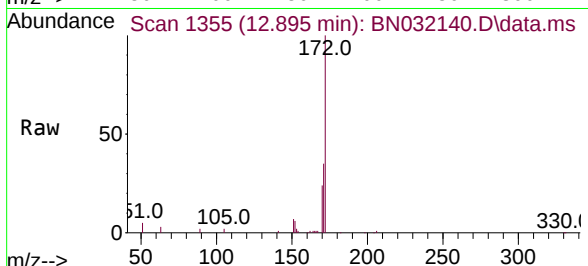
Tgt Ion:330 Resp: 3214
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 39.8 34.7 52.1





#15
2-Fluorobiphenyl
Concen: 0.288 ng
RT: 12.895 min Scan# 1355
Delta R.T. -0.011 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

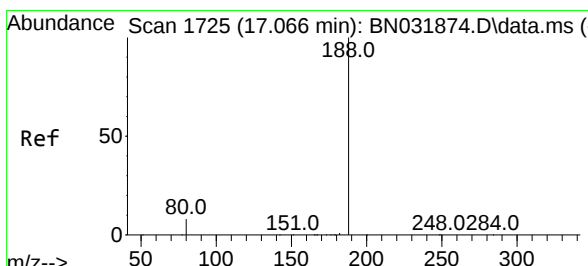
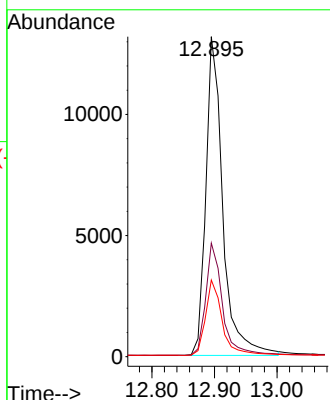
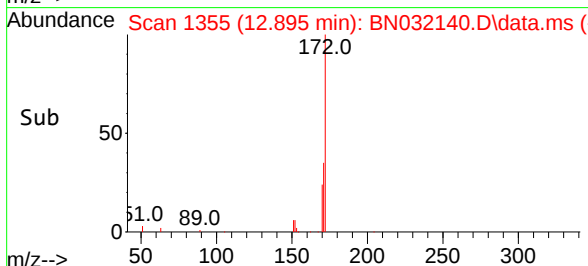
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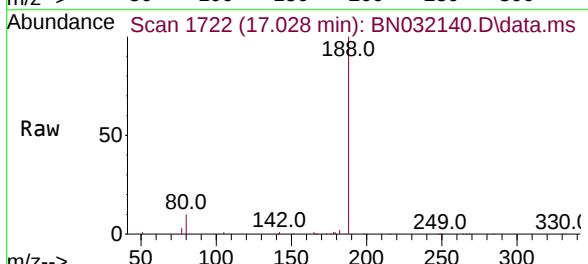
Tgt Ion:172 Resp: 24750
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 24.0 19.2 28.8

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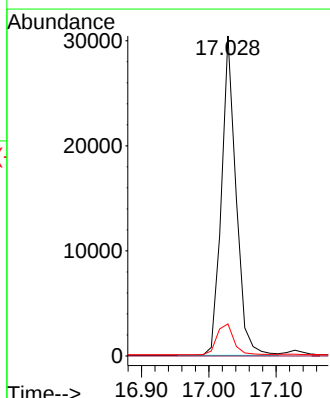
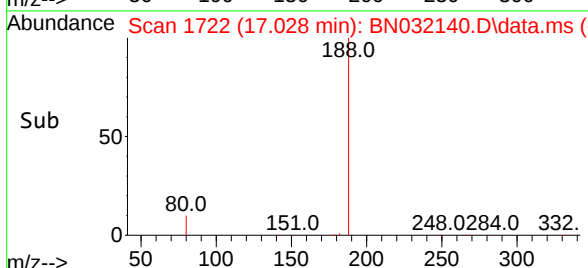
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024

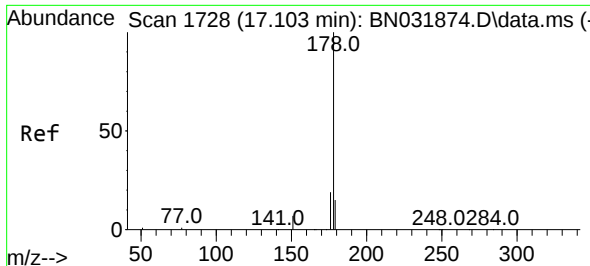


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Phenanthrene-d10
Concen: 0.400 ng
RT: 17.028 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23



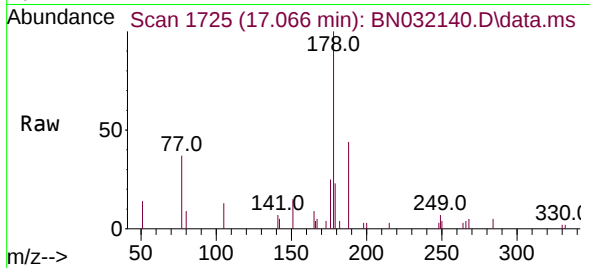
Tgt Ion:188 Resp: 45840
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 6.4 9.6





#25
Phenanthrene
Concen: 0.026 ng
RT: 17.066 min Scan# 1725
Delta R.T. -0.013 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

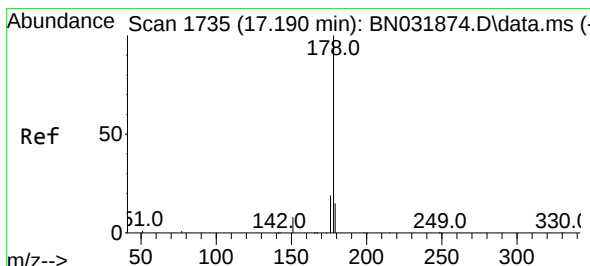
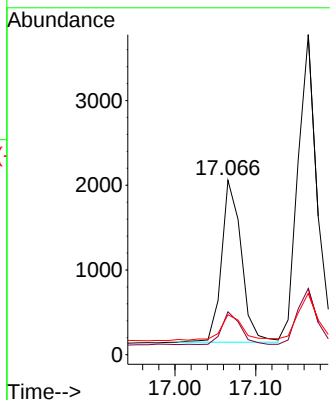
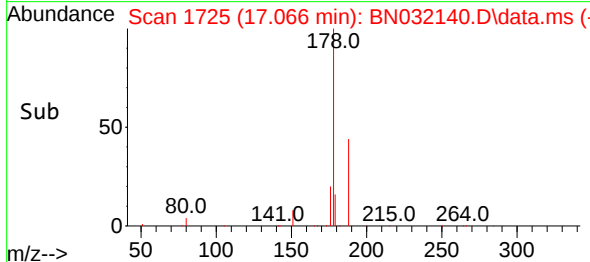
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Tgt Ion:178 Resp: 325
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 17.1 12.2 18.2

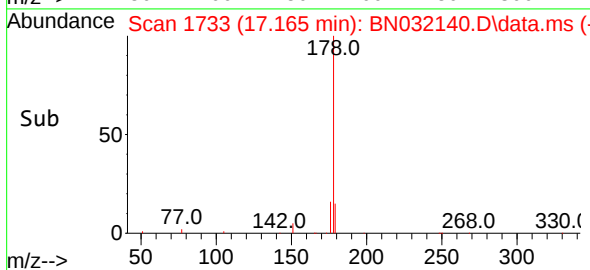
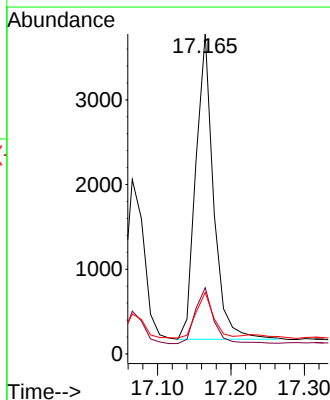
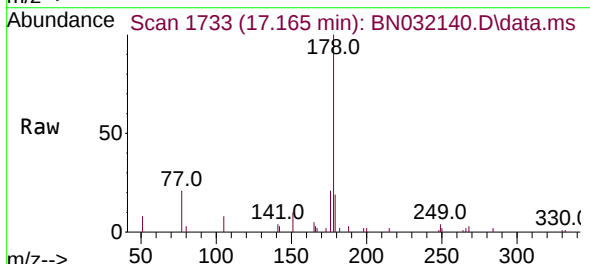
Manual Integrations
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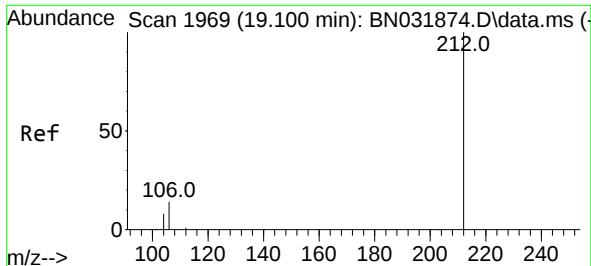
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#26
Anthracene
Concen: 0.051 ng
RT: 17.165 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

Tgt Ion:178 Resp: 6034
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 14.3 12.2 18.2





#27

Fluoranthene-d10

Concen: 0.302 ng

RT: 19.068 min Scan# 1968

Delta R.T. -0.005 min

Lab File: BN032140.D

Acq: 21 Jun 2024 20:23

Instrument :

BNA_N

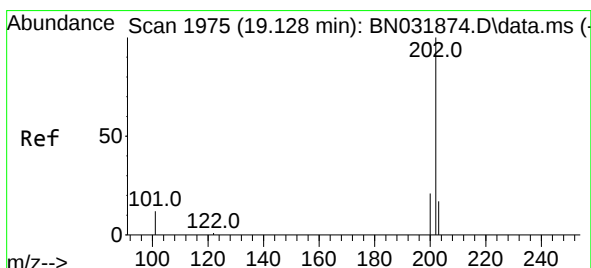
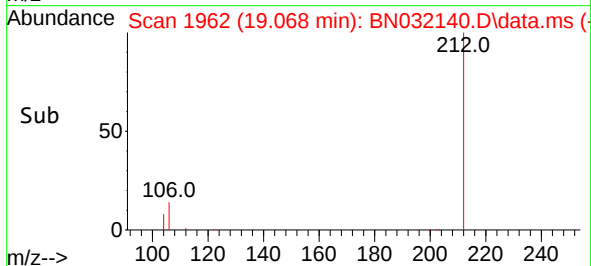
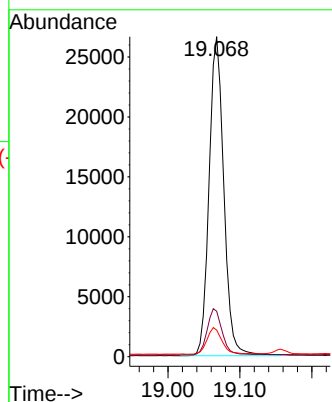
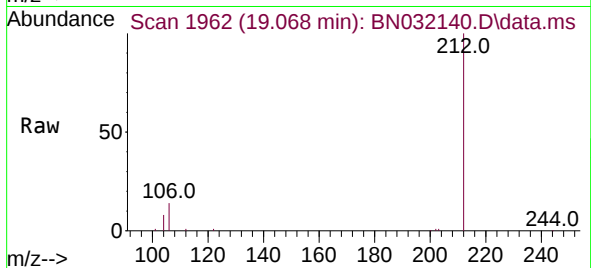
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Tgt Ion:212	Resp:	37689
Ion Ratio	Lower	Upper
212	100	
106	14.7	11.8 17.8
104	8.6	6.6 10.0

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



#28

Fluoranthene

Concen: 0.069 ng

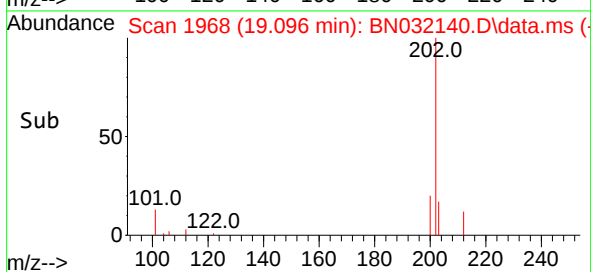
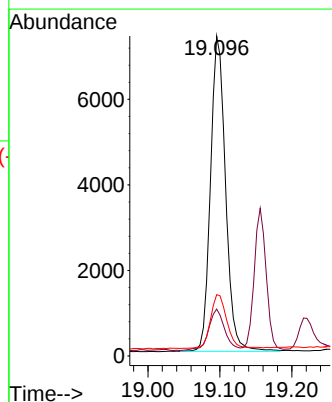
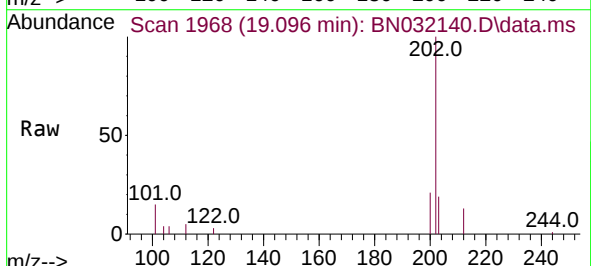
RT: 19.096 min Scan# 1968

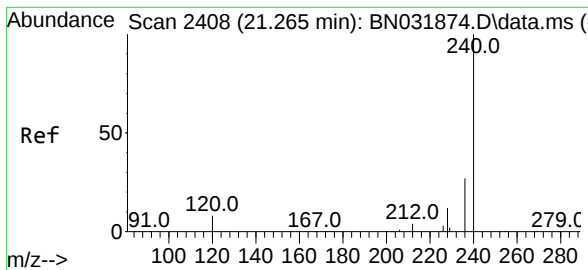
Delta R.T. -0.005 min

Lab File: BN032140.D

Acq: 21 Jun 2024 20:23

Tgt Ion:202	Resp:	10718
Ion Ratio	Lower	Upper
202	100	
101	13.9	9.8 14.6
203	18.4	13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.229 min Scan# 2404

Delta R.T. -0.000 min

Lab File: BN032140.D

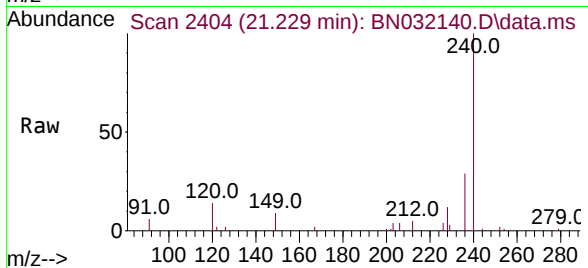
Acq: 21 Jun 2024 20:23

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-620-622



Tgt Ion:240 Resp: 26824

Ion Ratio Lower Upper

240 100

120 14.4 8.2 12.4

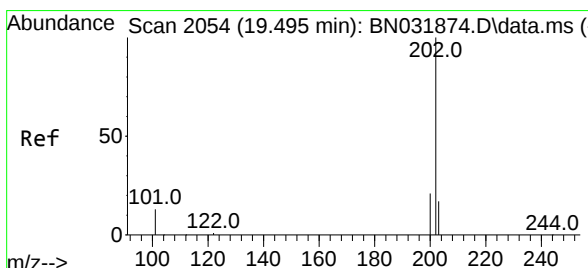
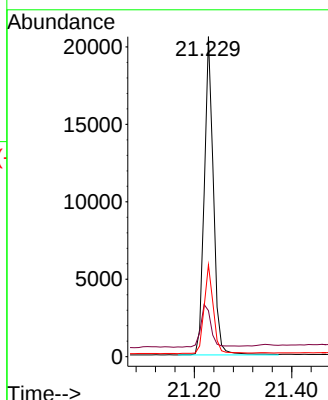
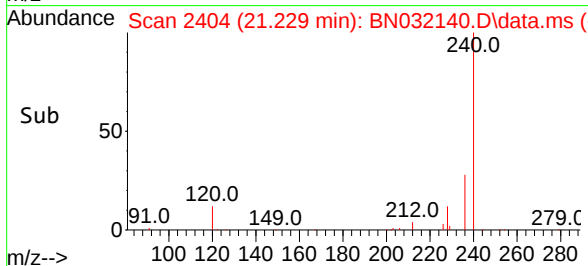
236 28.7 21.8 32.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/28/2024



#30

Pyrene

Concen: 0.104 ng

RT: 19.463 min Scan# 2047

Delta R.T. -0.005 min

Lab File: BN032140.D

Acq: 21 Jun 2024 20:23

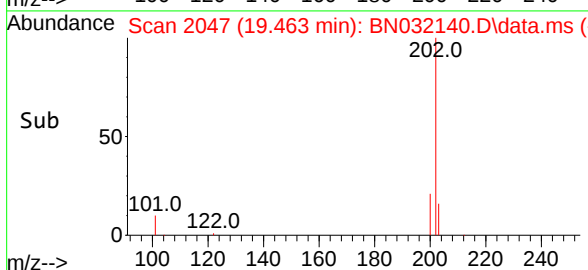
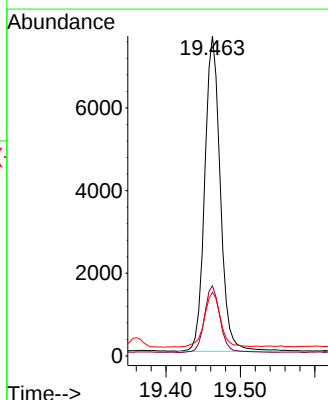
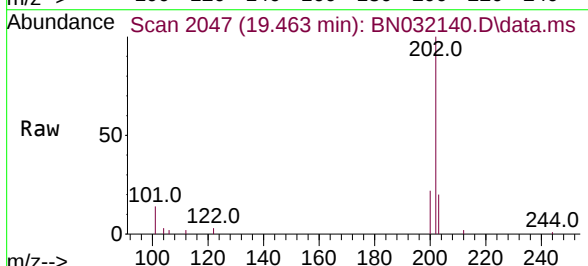
Tgt Ion:202 Resp: 11039

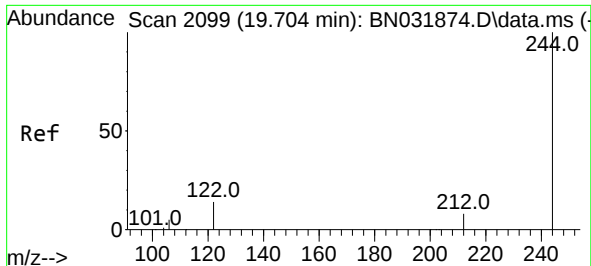
Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

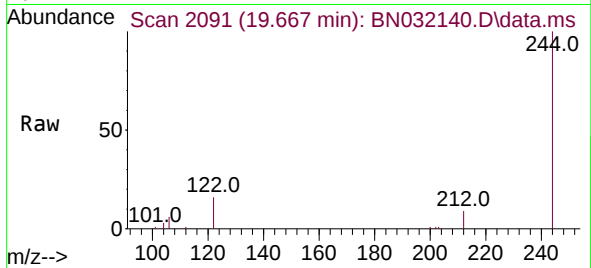
203 18.3 14.3 21.5





#31
Terphenyl-d14
Concen: 0.440 ng
RT: 19.667 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

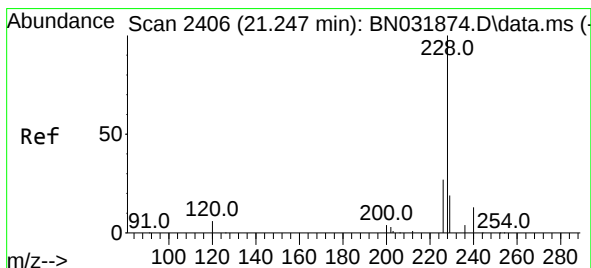
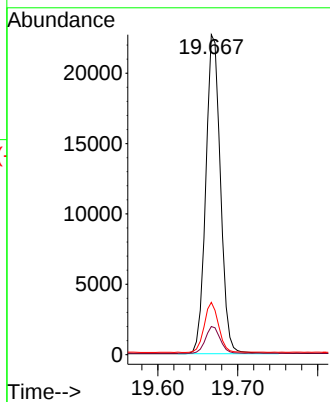
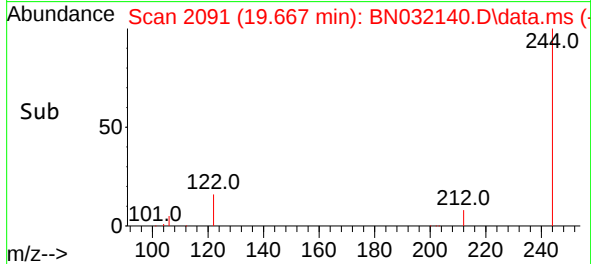
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-620-622



Tgt Ion:244 Resp: 28864
Ion Ratio Lower Upper
244 100
212 8.8 6.5 9.7
122 16.4 11.4 17.0

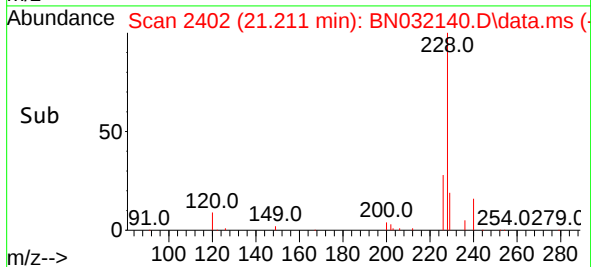
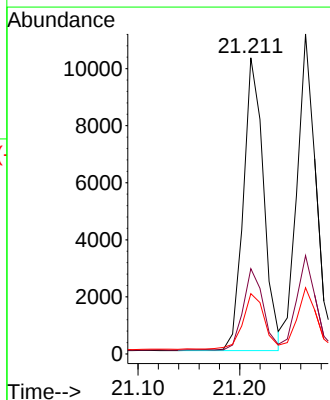
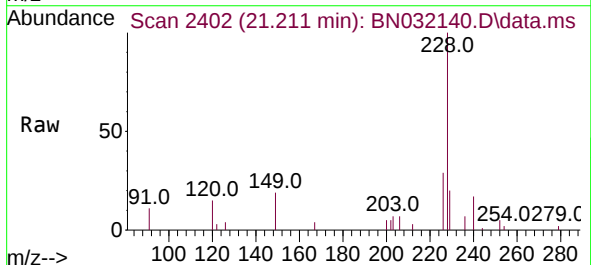
Manual Integrations
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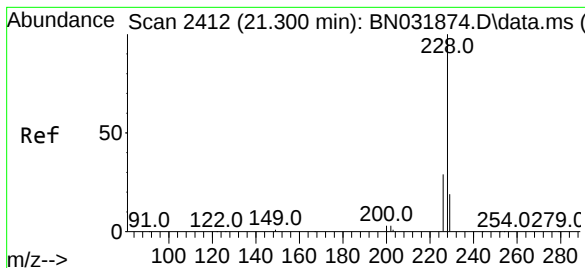
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#32
Benzo(a)anthracene
Concen: 0.140 ng
RT: 21.211 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

Tgt Ion:228 Resp: 14156
Ion Ratio Lower Upper
228 100
226 28.8 21.8 32.6
229 20.4 15.8 23.8





#33

Chrysene

Concen: 0.147 ng

RT: 21.265 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BN032140.D

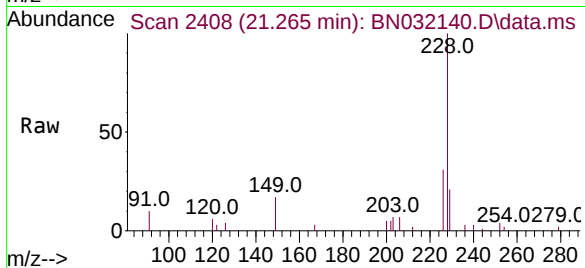
Acq: 21 Jun 2024 20:23

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-620-622



Tgt Ion:228 Resp: 1408

Ion Ratio Lower Upper

228 100

226 30.8 23.6 35.4

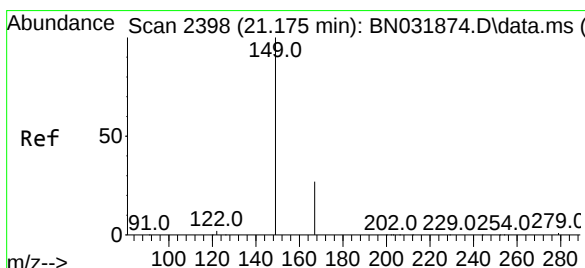
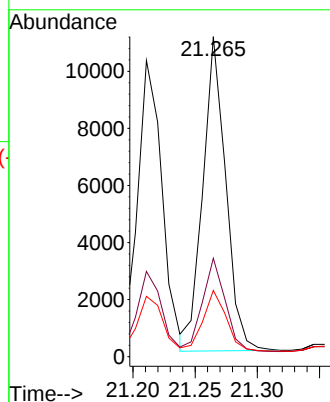
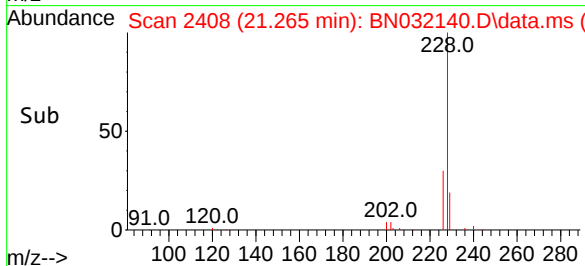
229 20.7 15.8 23.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/28/2024



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.544 ng

RT: 21.139 min Scan# 2394

Delta R.T. -0.009 min

Lab File: BN032140.D

Acq: 21 Jun 2024 20:23

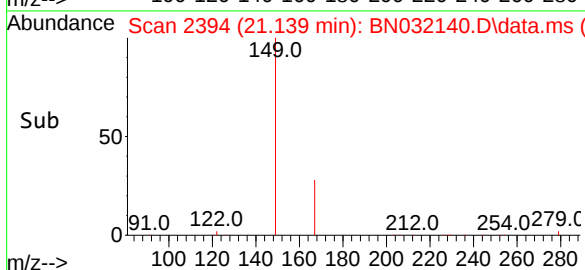
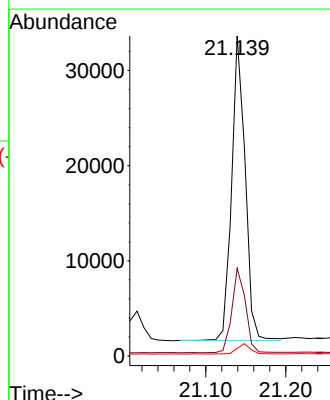
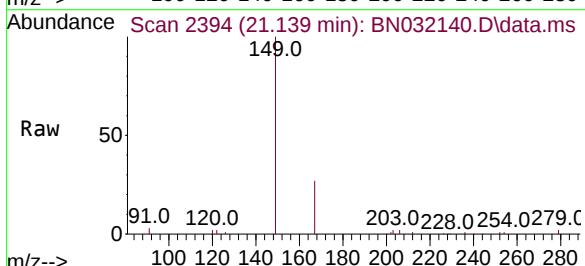
Tgt Ion:149 Resp: 37526

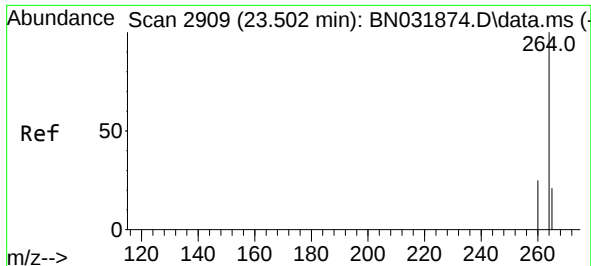
Ion Ratio Lower Upper

149 100

167 28.0 22.5 33.7

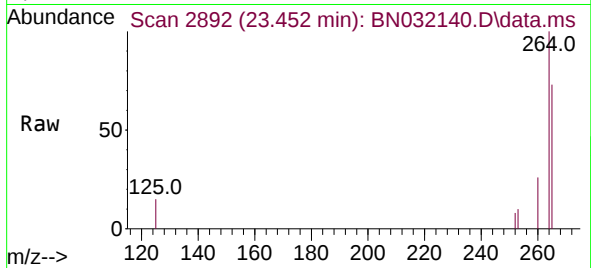
279 3.3 2.9 4.3





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.452 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN032140.D
 Acq: 21 Jun 2024 20:23

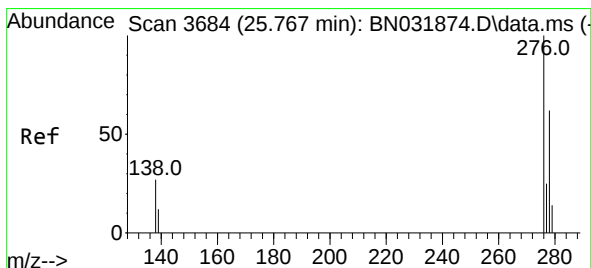
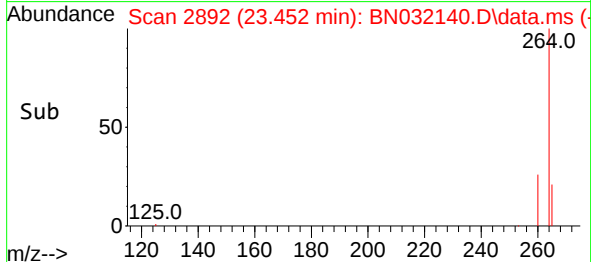
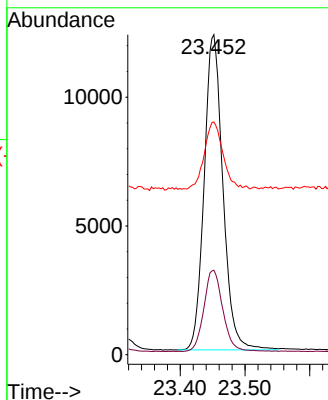
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-620-622



Tgt Ion:264 Resp: 24650
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.5 30.7
 265 72.7 39.6 59.4

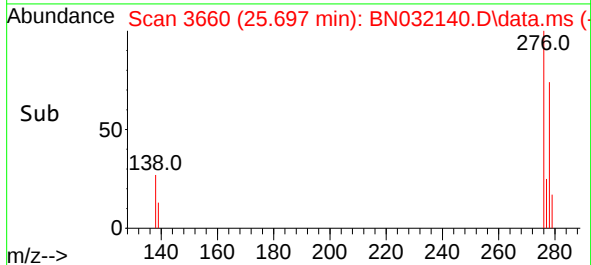
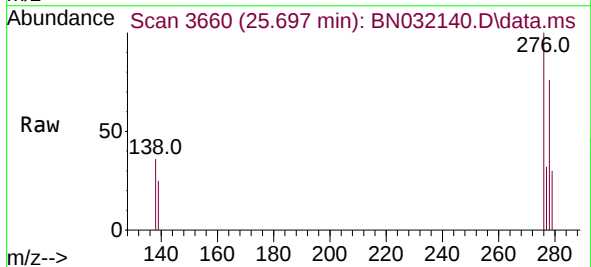
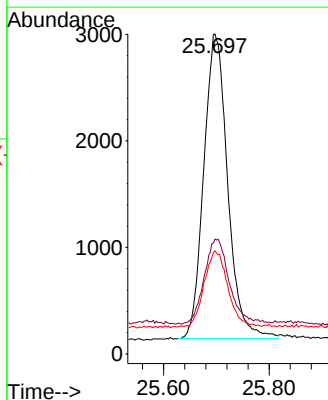
Manual Integrations
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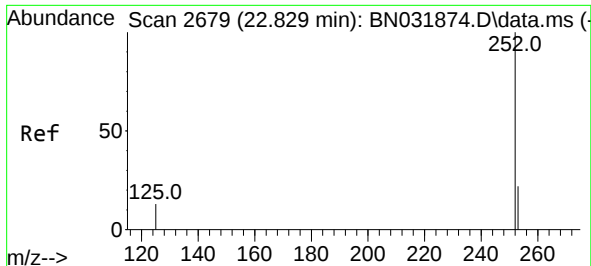
Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/28/2024



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.098 ng
 RT: 25.697 min Scan# 3660
 Delta R.T. 0.003 min
 Lab File: BN032140.D
 Acq: 21 Jun 2024 20:23

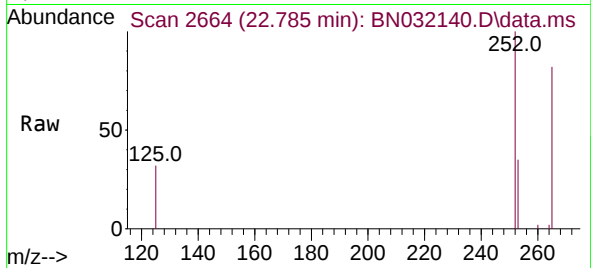
Tgt Ion:276 Resp: 8999
 Ion Ratio Lower Upper
 276 100
 138 28.7 21.5 32.3
 277 24.1 19.8 29.8





#37
Benzo(b)fluoranthene
Concen: 0.132 ng
RT: 22.785 min Scan# 2664
Delta R.T. -0.000 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

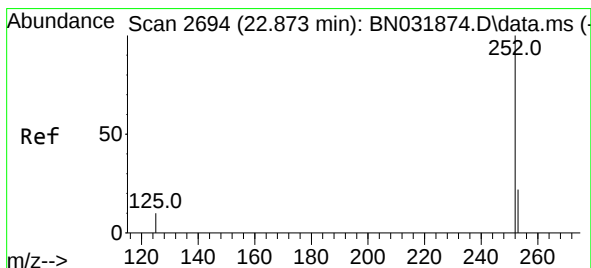
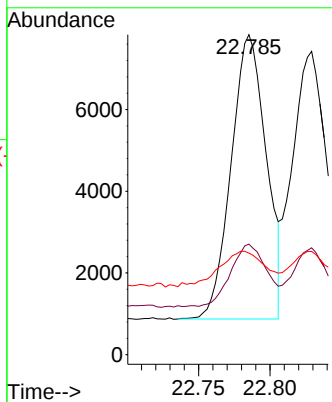
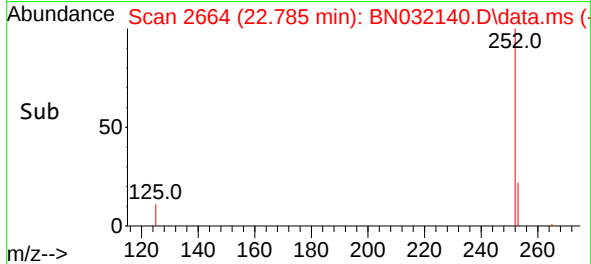
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-620-622



Tgt Ion:252 Resp: 1188
Ion Ratio Lower Upper
252 100
253 34.6 20.2 30.2
125 31.8 14.2 21.4

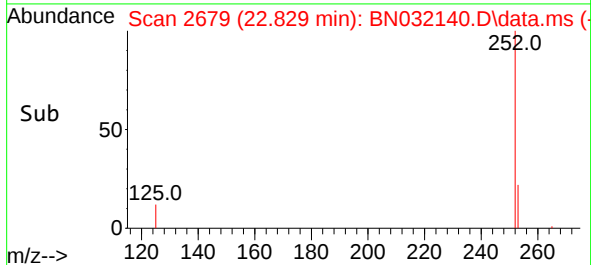
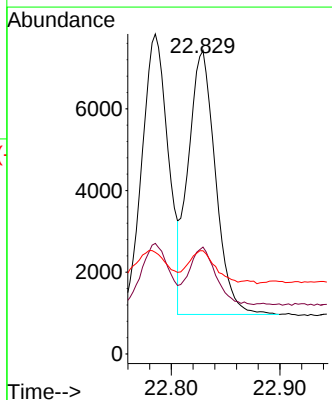
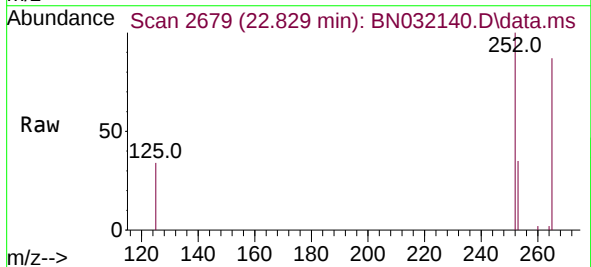
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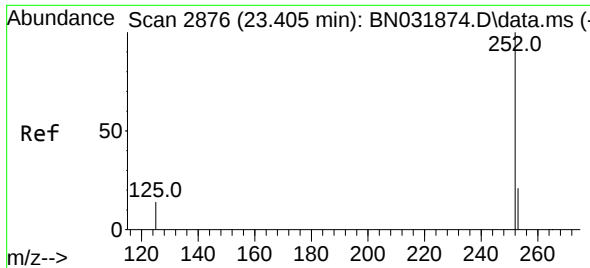
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#38
Benzo(k)fluoranthene
Concen: 0.133 ng m
RT: 22.829 min Scan# 2679
Delta R.T. -0.000 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

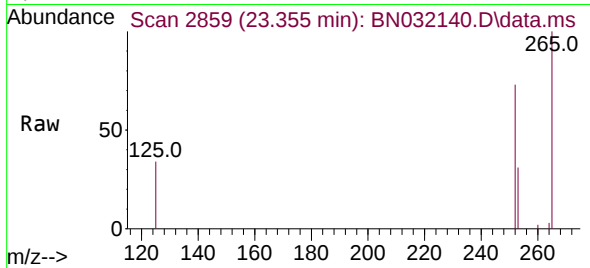
Tgt Ion:252 Resp: 11257
Ion Ratio Lower Upper
252 100
253 35.2 19.9 29.9#
125 34.0 13.0 19.4#





#39
Benzo(a)pyrene
Concen: 0.096 ng
RT: 23.355 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

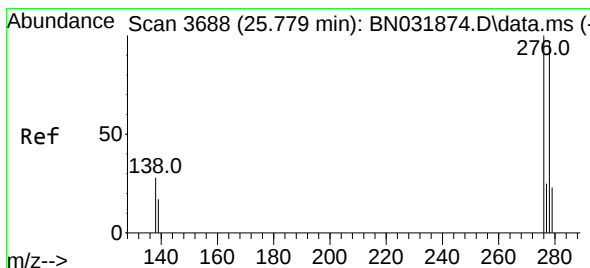
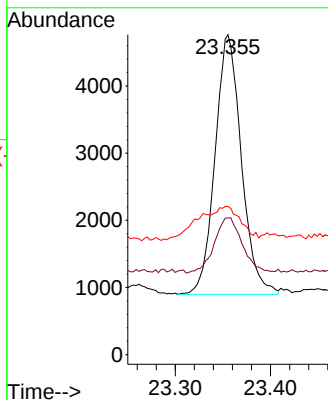
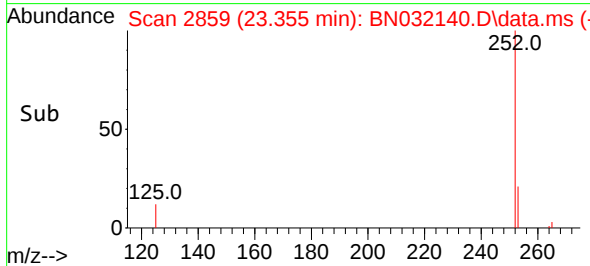
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-620-622



Tgt Ion:252 Resp: 7408
Ion Ratio Lower Upper
252 100
253 42.7 20.5 30.7
125 46.4 16.4 24.6

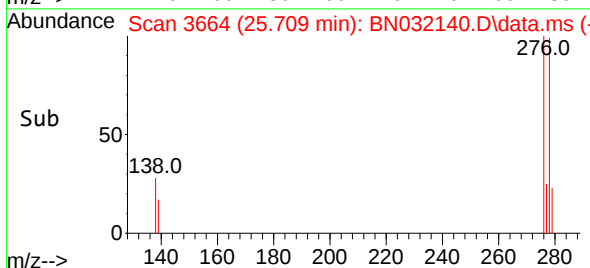
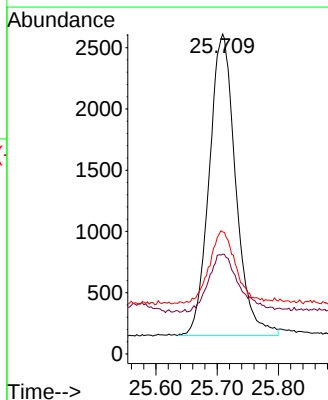
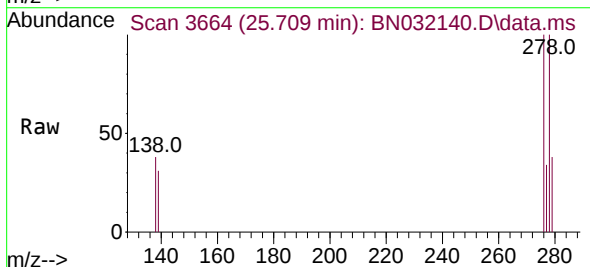
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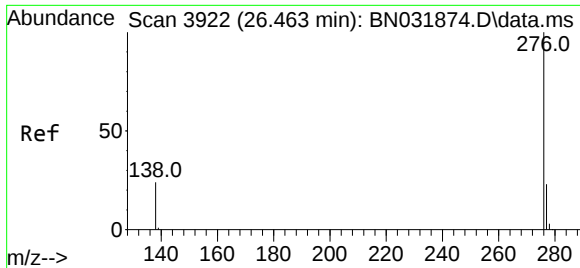
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/28/2024



#40
Dibenzo(a,h)anthracene
Concen: 0.102 ng
RT: 25.709 min Scan# 3664
Delta R.T. 0.003 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

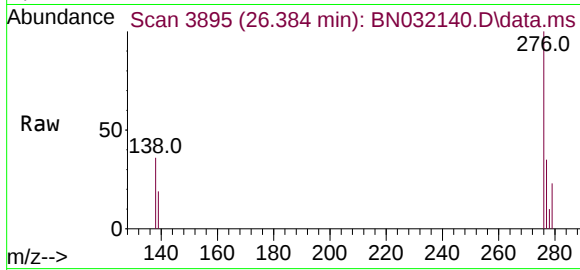
Tgt Ion:278 Resp: 7378
Ion Ratio Lower Upper
278 100
139 31.2 17.0 25.4#
279 38.2 21.4 32.0#





#41
Benzo(g,h,i)perylene
Concen: 0.080 ng
RT: 26.384 min Scan# 3895
Delta R.T. 0.006 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-620-622



Tgt Ion:276 Resp: 6220
Ion Ratio Lower Upper
276 100
277 35.0 20.2 30.2
138 36.1 20.6 31.0

Manual Integrations
APPROVED

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

