

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
 Data File : BN036119.D
 Acq On : 29 Jan 2025 22:19
 Operator : RC/JU
 Sample : Q1173-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-60-62

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 30 00:37:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 00:34:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.803	152	2585	0.400	ng	-0.01
7) Naphthalene-d8	10.600	136	6318	0.400	ng	-0.01
13) Acenaphthene-d10	14.442	164	3478	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	7077	0.400	ng	# 0.00
29) Chrysene-d12	21.367	240	5874	0.400	ng	0.00
35) Perylene-d12	23.672	264	5930	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.419	112	1537	0.229	ng	0.03
5) Phenol-d6	7.167	99	379m	0.048	ng	0.20
8) Nitrobenzene-d5	8.945	82	2333	0.391	ng	-0.01
11) 2-Methylnaphthalene-d10	12.182	152	3242	0.377	ng	-0.02
14) 2,4,6-Tribromophenol	15.933	330	781	0.350	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	5154	0.332	ng	0.00
27) Fluoranthene-d10	19.216	212	7470	0.407	ng	0.00
31) Terphenyl-d14	19.815	244	6314	0.517	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.643	128	558	0.030	ng	# 59
12) 2-Methylnaphthalene	12.258	142	344	0.030	ng	# 74
18) Fluorene	15.489	166	962	0.068	ng	# 93
25) Phenanthrene	17.224	178	6047	0.284	ng	# 82
26) Anthracene	17.310	178	3493	0.181	ng	# 77
28) Fluoranthene	19.248	202	1853	0.074	ng	# 75
30) Pyrene	19.611	202	1362	0.057	ng	97
34) Bis(2-ethylhexyl)phtha...	21.286	149	4334	0.371	ng	96

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

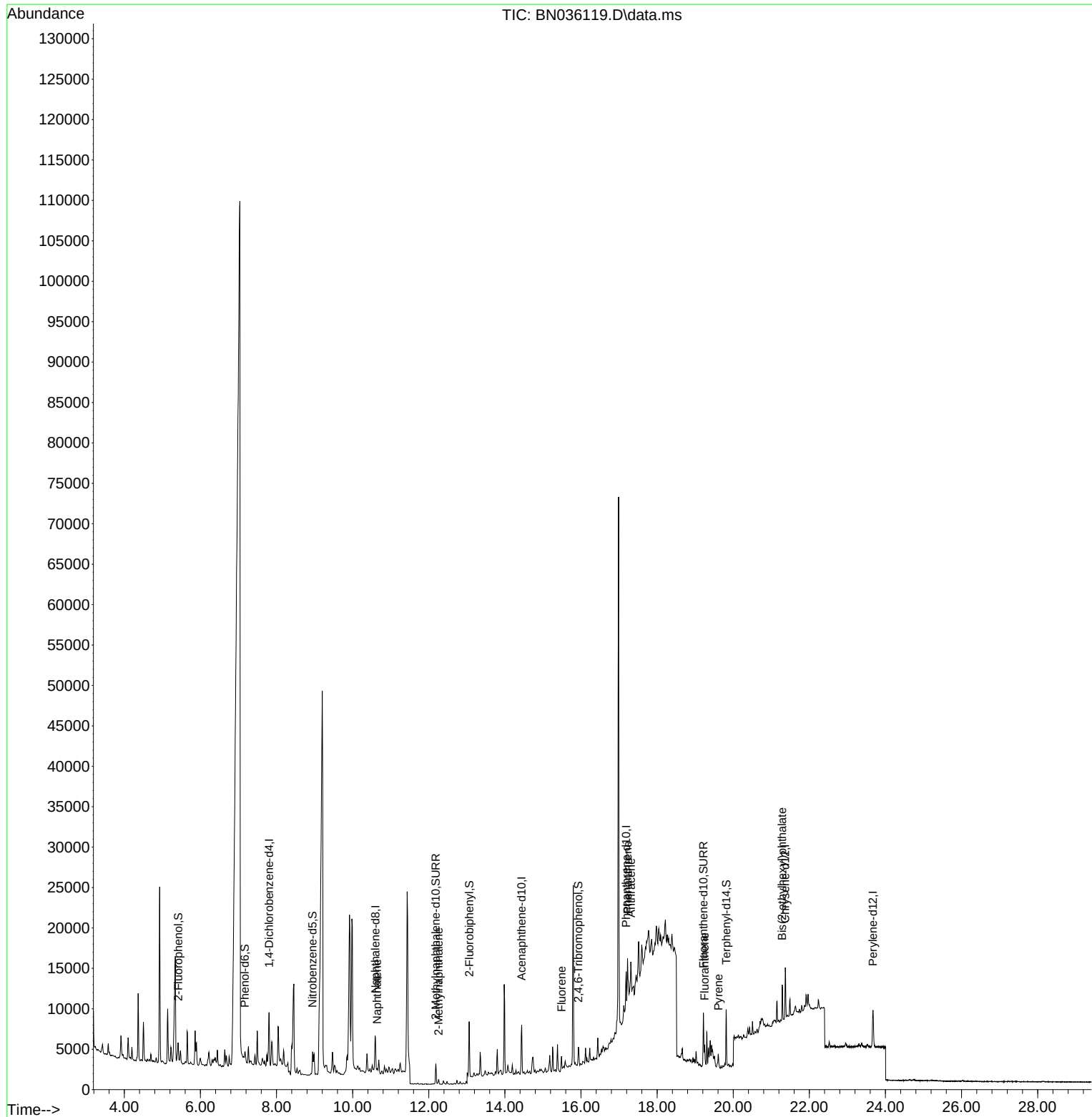
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
Data File : BN036119.D
Acq On : 29 Jan 2025 22:19
Operator : RC/JU
Sample : Q1173-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

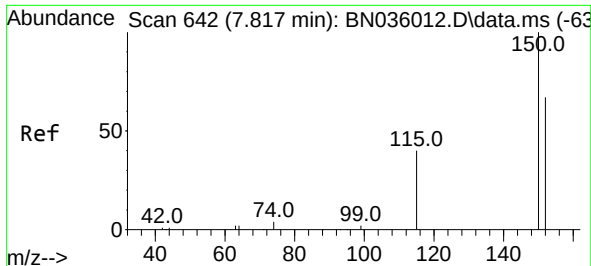
Instrument :
BNA_N
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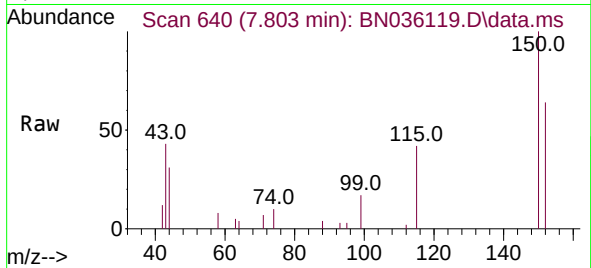
Quant Time: Jan 30 00:37:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 00:34:56 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.803 min Scan# 642
Delta R.T. -0.014 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

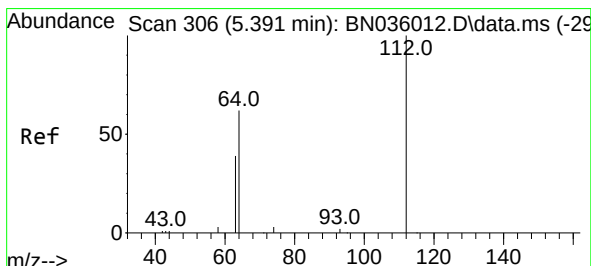
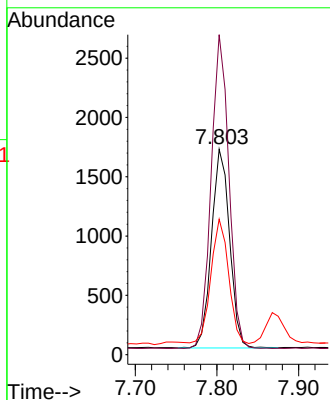
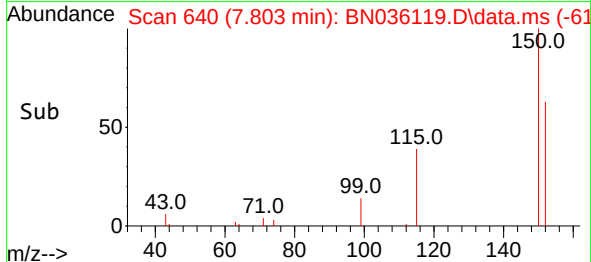
Instrument : BNA_N
ClientSampleId : BP-VPB-192-GW-60-62



Tgt Ion:152 Resp: 2585
Ion Ratio Lower Upper
152 100
150 155.8 117.4 176.2
115 66.0 51.0 76.4

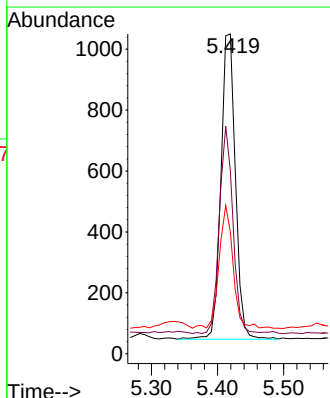
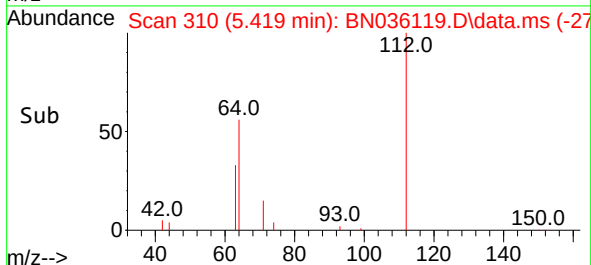
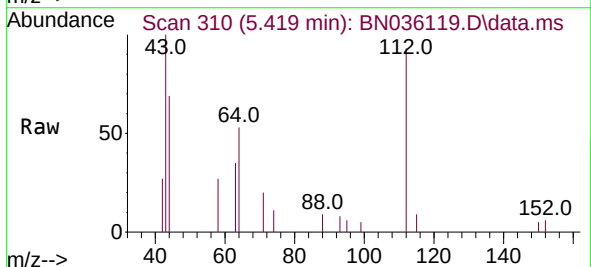
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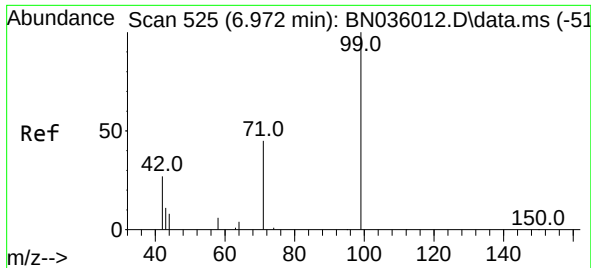
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#4
2-Fluorophenol
Concen: 0.229 ng
RT: 5.419 min Scan# 310
Delta R.T. 0.029 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

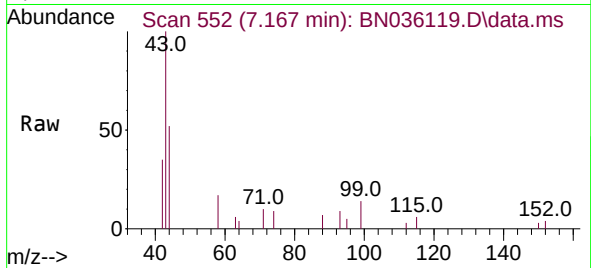
Tgt Ion:112 Resp: 1537
Ion Ratio Lower Upper
112 100
64 63.2 50.0 75.0
63 39.6 30.7 46.1





#5
Phenol-d6
Concen: 0.048 ng m
RT: 7.167 min Scan# 511
Delta R.T. 0.195 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

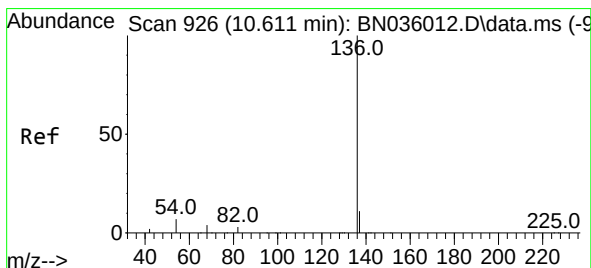
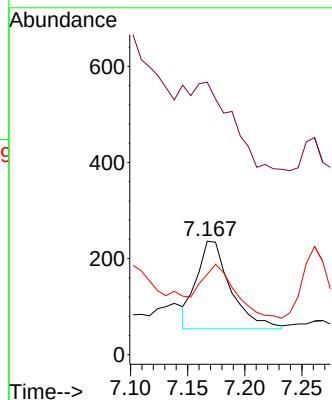
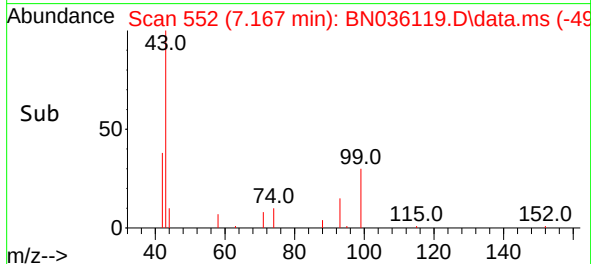
Instrument :
BNA_N
ClientSampleId :
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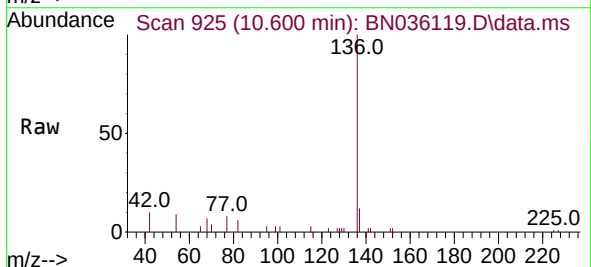
Tgt Ion: 99 Resp: 379
Ion Ratio Lower Upper
99 100
42 64460.2 26.8 40
71 1511.9 36.6 55.0

Manual Integrations
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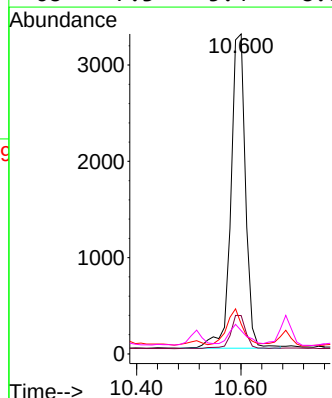
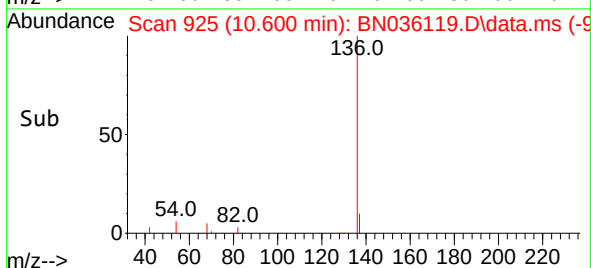
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

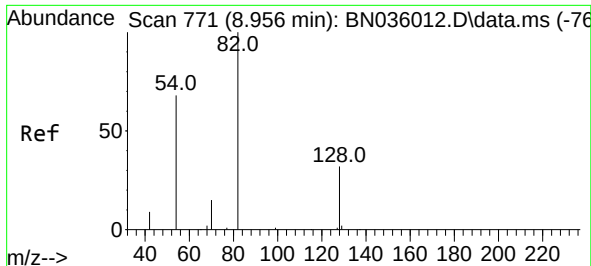


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.600 min Scan# 925
Delta R.T. -0.011 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19



Tgt Ion:136 Resp: 6318
Ion Ratio Lower Upper
136 100
137 12.0 10.4 15.6
54 9.4 7.7 11.5
68 7.3 5.4 8.0





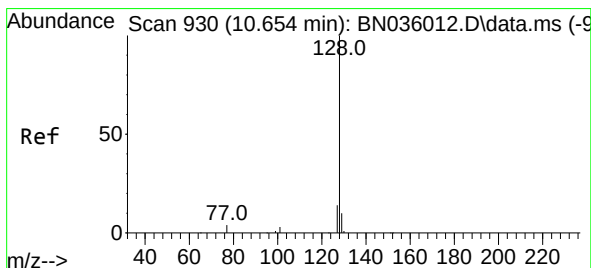
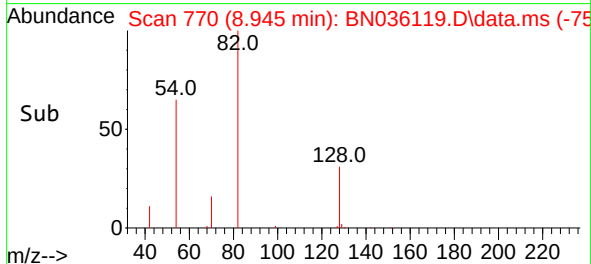
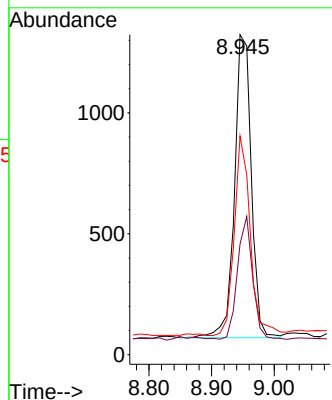
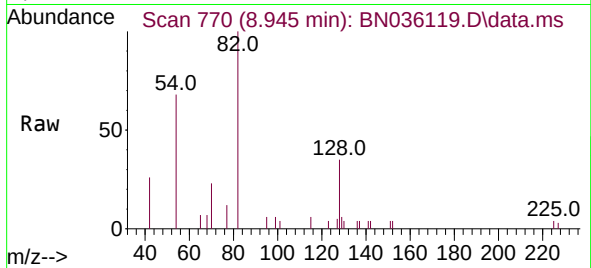
#8
Nitrobenzene-d5
Concen: 0.391 ng
RT: 8.945 min Scan# 711
Delta R.T. -0.011 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-60-62

Tgt Ion: 82 Resp: 233
Ion Ratio Lower Upper
82 100
128 34.5 28.8 43.2
54 68.4 55.8 83.8

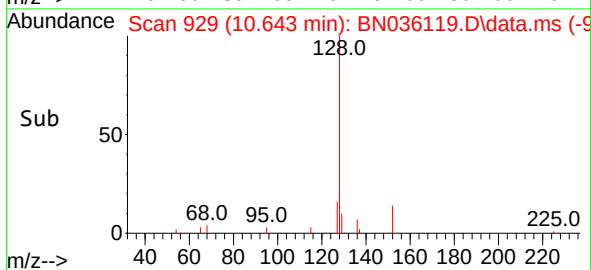
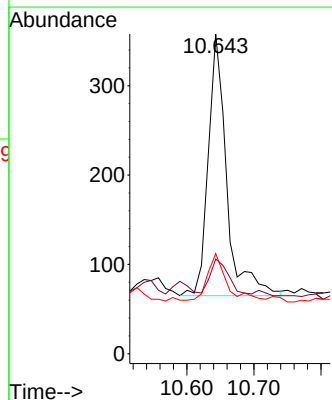
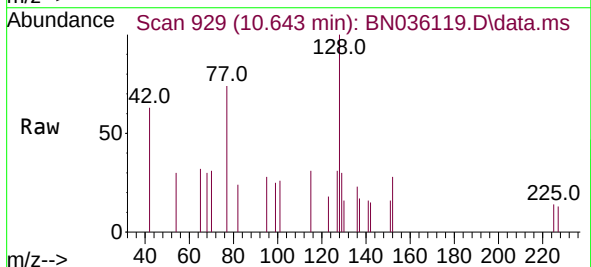
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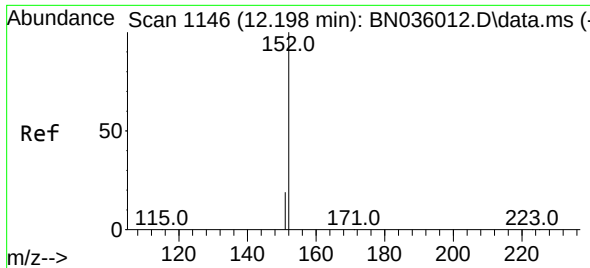
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#9
Naphthalene
Concen: 0.030 ng
RT: 10.643 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

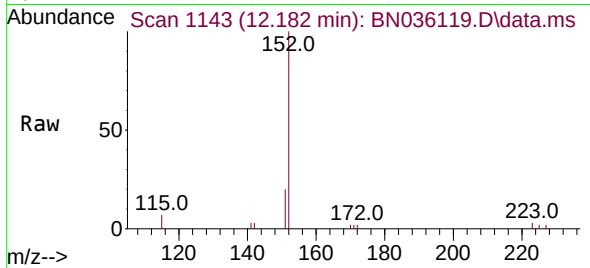
Tgt Ion:128 Resp: 558
Ion Ratio Lower Upper
128 100
129 29.6 9.4 14.2#
127 31.3 12.6 19.0#





#11
2-Methylnaphthalene-d10
Concen: 0.377 ng
RT: 12.182 min Scan# 1143
Delta R.T. -0.015 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

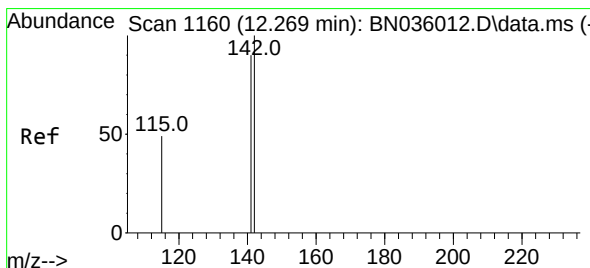
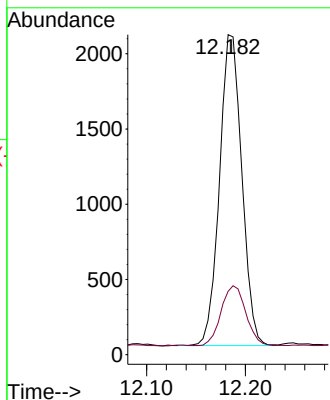
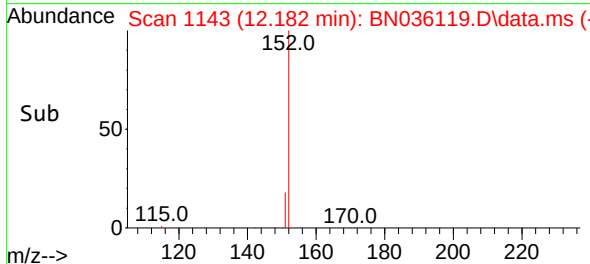
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-60-62



Tgt Ion:152 Resp: 324
Ion Ratio Lower Upper
152 100
151 21.1 16.6 25.0

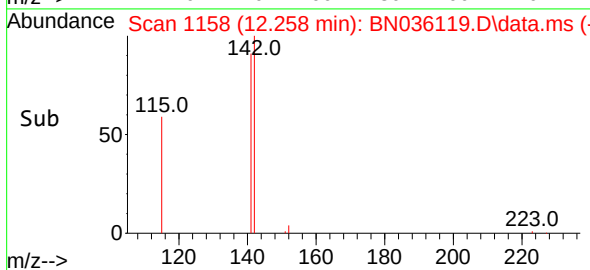
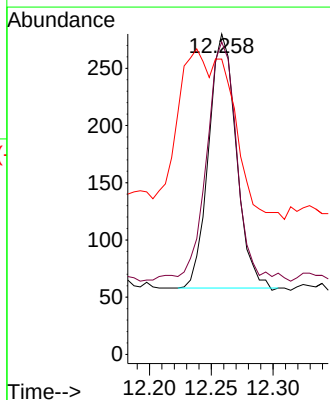
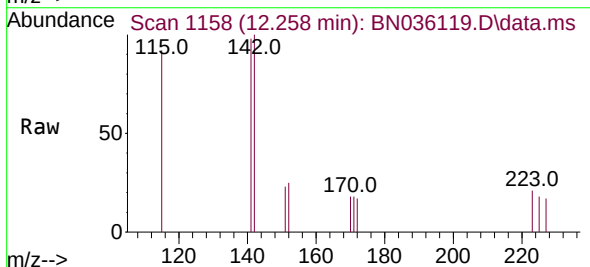
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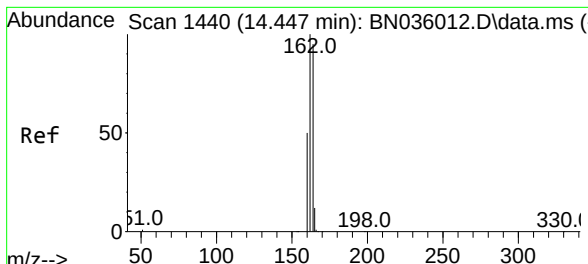
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#12
2-Methylnaphthalene
Concen: 0.030 ng
RT: 12.258 min Scan# 1158
Delta R.T. -0.010 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

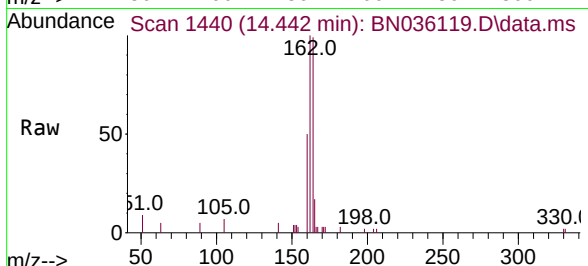
Tgt Ion:142 Resp: 344
Ion Ratio Lower Upper
142 100
141 97.5 72.2 108.2
115 92.1 41.2 61.8#





#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.442 min Scan# 1440
 Delta R.T. -0.006 min
 Lab File: BN036119.D
 Acq: 29 Jan 2025 22:19

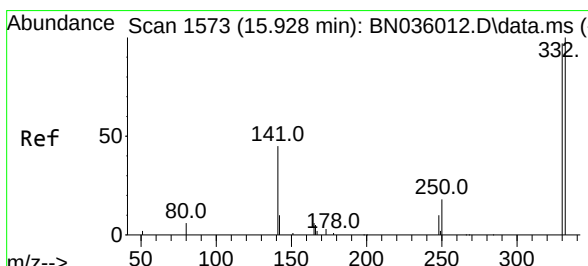
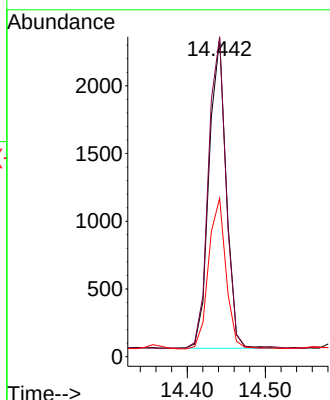
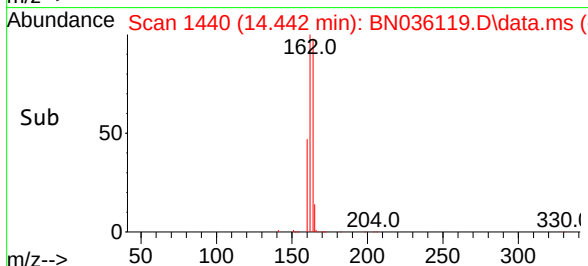
Instrument : BNA_N
 ClientSampleId : BP-VPB-192-GW-60-62



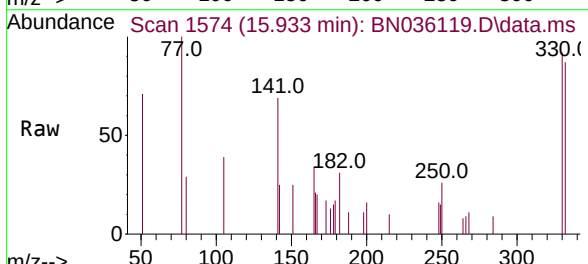
Tgt Ion:164 Resp: 3478
 Ion Ratio Lower Upper
 164 100
 162 100.6 84.1 126.1
 160 49.8 43.8 65.8

Manual Integrations
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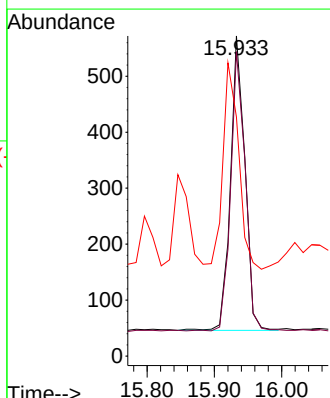
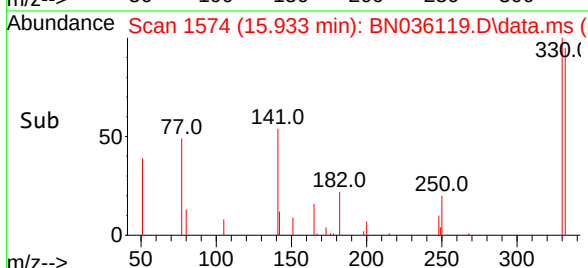
Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025

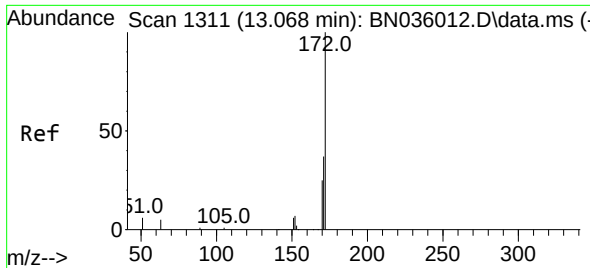


#14
 2,4,6-Tribromophenol
 Concen: 0.350 ng
 RT: 15.933 min Scan# 1574
 Delta R.T. 0.005 min
 Lab File: BN036119.D
 Acq: 29 Jan 2025 22:19



Tgt Ion:330 Resp: 781
 Ion Ratio Lower Upper
 330 100
 332 94.6 81.0 121.4
 141 76.6 36.7 55.1#





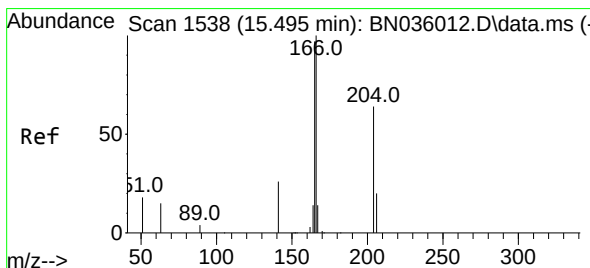
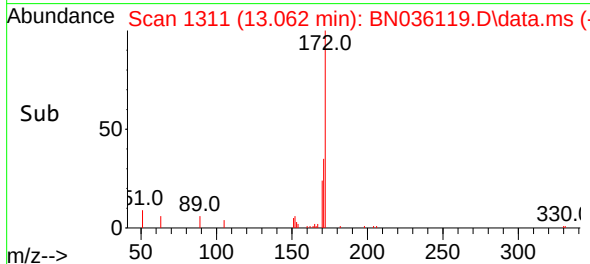
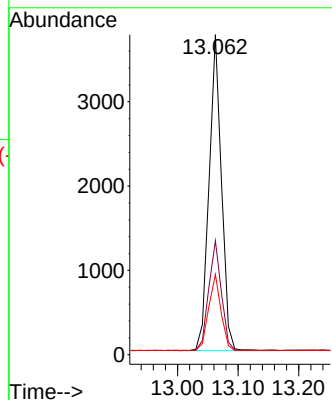
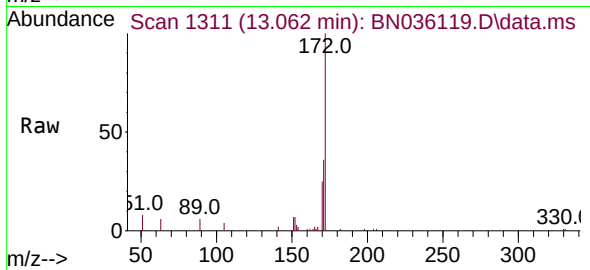
#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 13.062 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-60-62

Tgt Ion:172 Resp: 5154
Ion Ratio Lower Upper
172 100
171 35.6 30.9 46.3
170 25.1 21.2 31.8

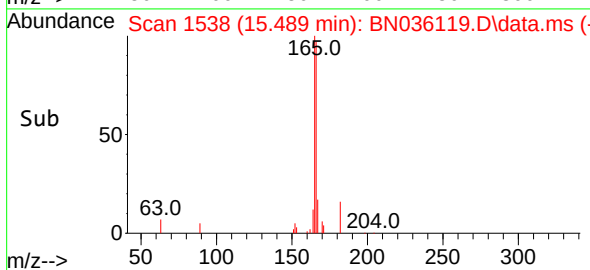
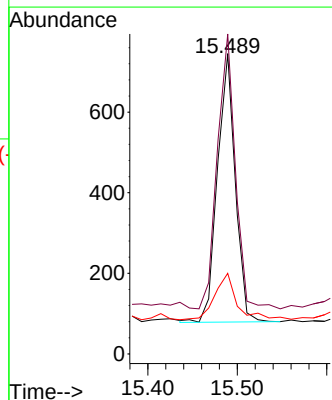
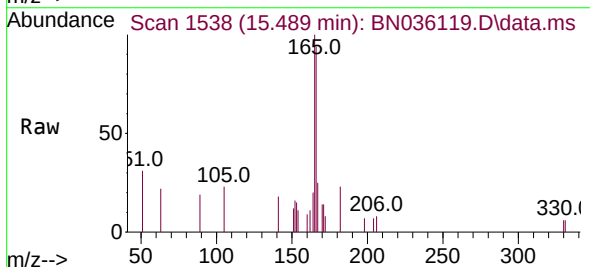
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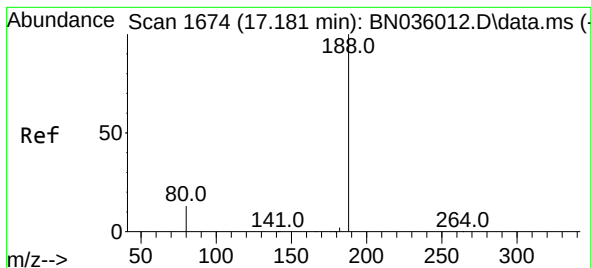
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#18
Fluorene
Concen: 0.068 ng
RT: 15.489 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

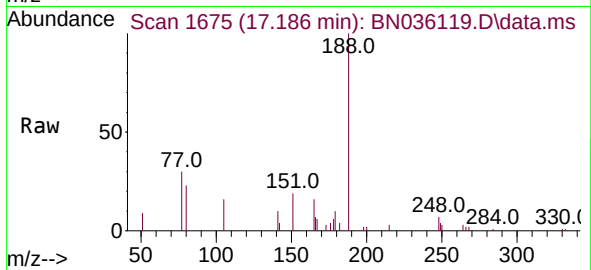
Tgt Ion:166 Resp: 962
Ion Ratio Lower Upper
166 100
165 103.4 78.5 117.7
167 21.8 10.7 16.1#





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1675
Delta R.T. 0.005 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

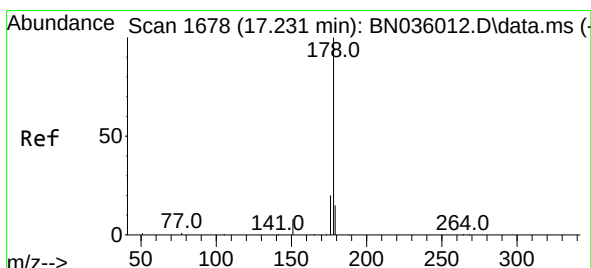
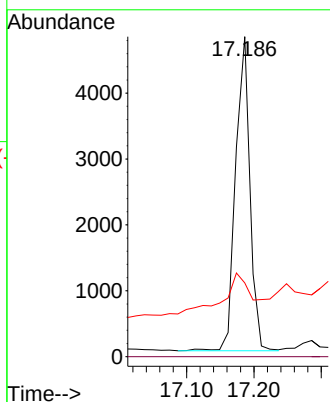
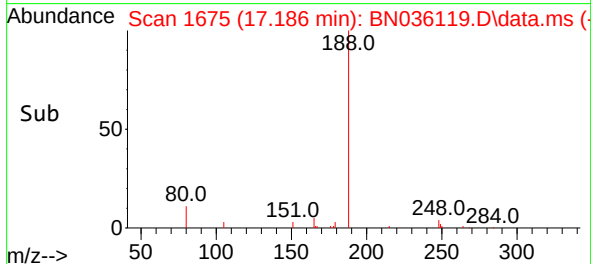
Instrument :
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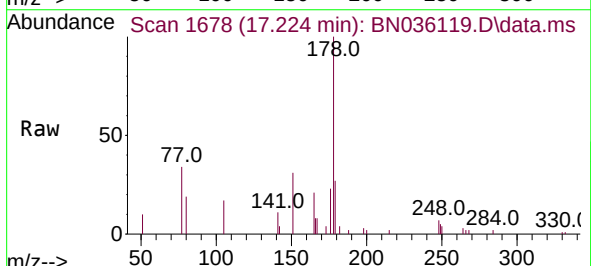
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Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 23.1 12.3 18.5

Manual Integrations
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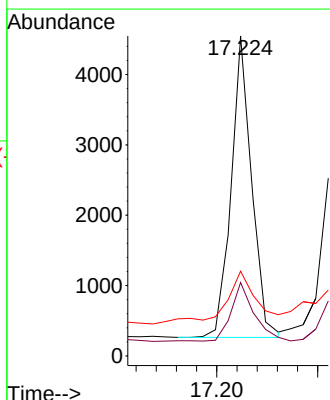
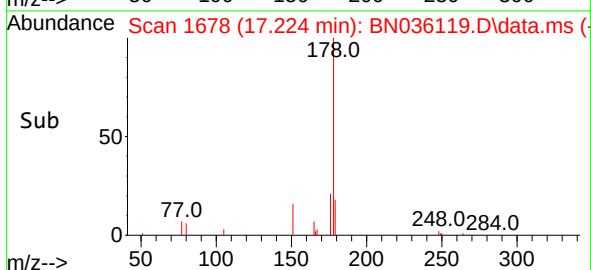
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

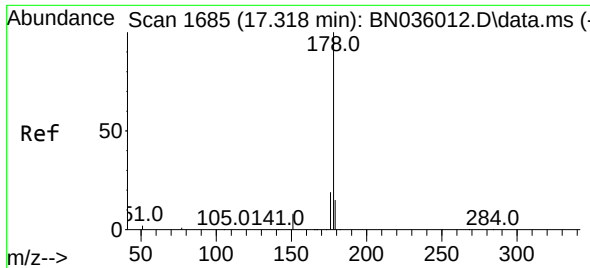


#25
Phenanthrene
Concen: 0.284 ng
RT: 17.224 min Scan# 1678
Delta R.T. -0.007 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19



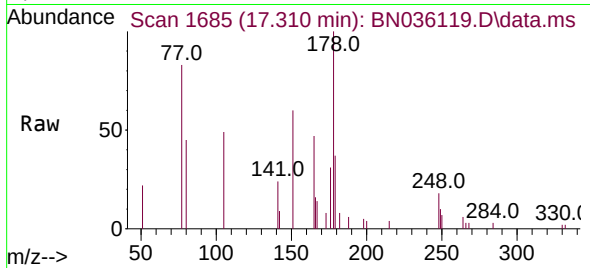
Tgt Ion:178 Resp: 6047
Ion Ratio Lower Upper
178 100
176 21.8 16.0 24.0
179 31.0 12.4 18.6





#26
 Anthracene
 Concen: 0.181 ng
 RT: 17.310 min Scan# 1685
 Delta R.T. -0.007 min
 Lab File: BN036119.D
 Acq: 29 Jan 2025 22:19

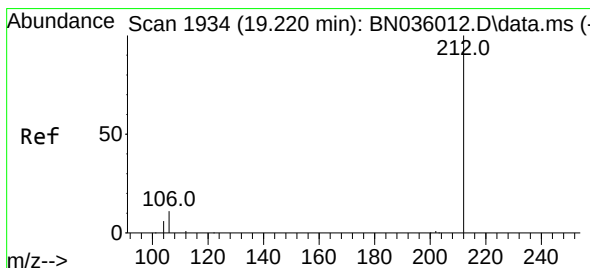
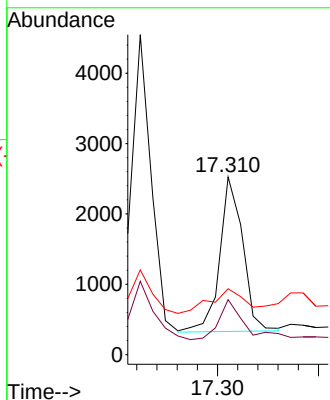
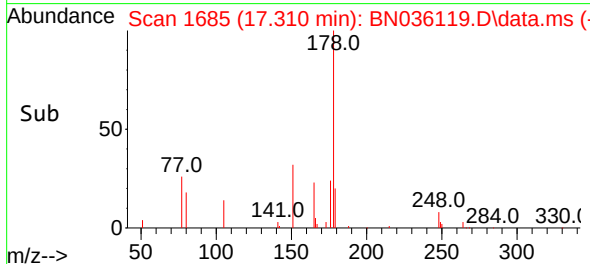
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-60-62



Tgt Ion:178 Resp: 349
 Ion Ratio Lower Upper
 178 100
 176 31.2 15.4 23.2
 179 22.8 12.0 18.0

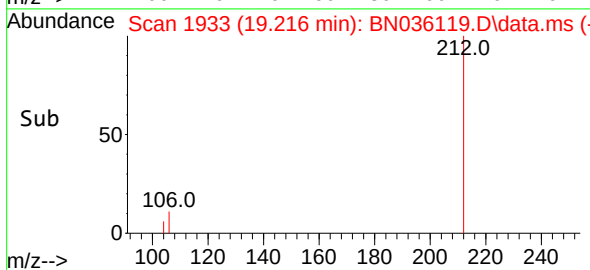
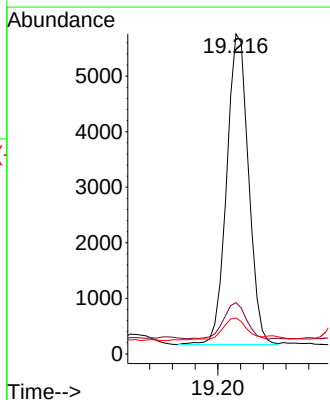
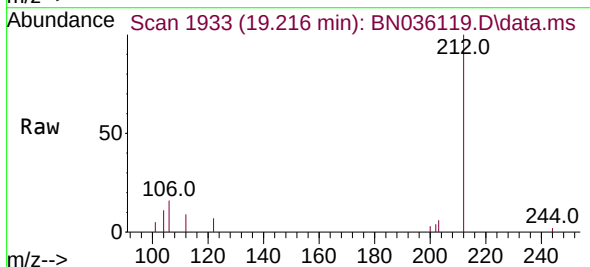
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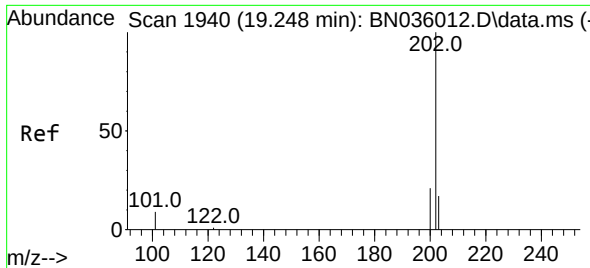
Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025



#27
 Fluoranthene-d10
 Concen: 0.407 ng
 RT: 19.216 min Scan# 1933
 Delta R.T. -0.004 min
 Lab File: BN036119.D
 Acq: 29 Jan 2025 22:19

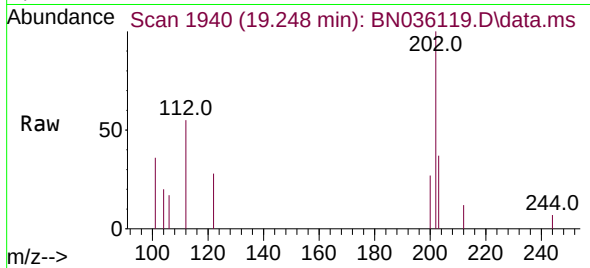
Tgt Ion:212 Resp: 7470
 Ion Ratio Lower Upper
 212 100
 106 12.0 9.7 14.5
 104 8.6 6.0 9.0





#28
Fluoranthene
Concen: 0.074 ng
RT: 19.248 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

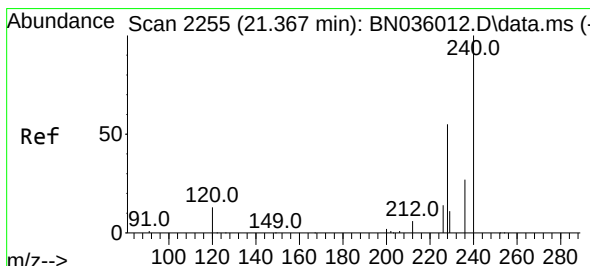
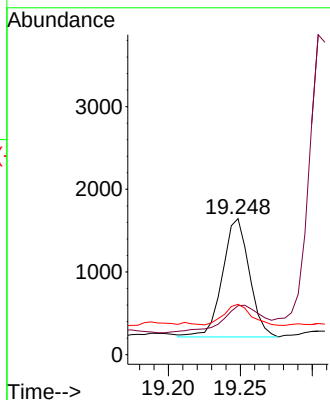
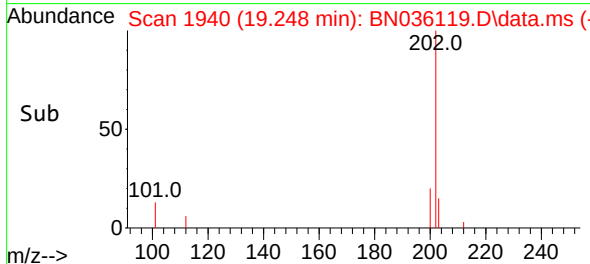
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-60-62



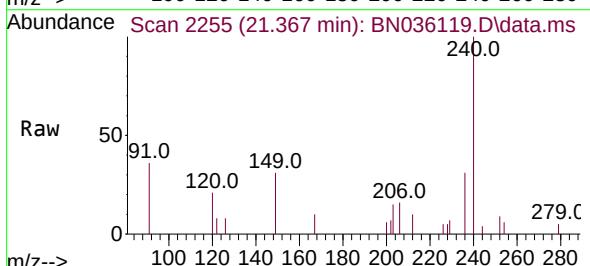
Tgt Ion:202 Resp: 185
Ion Ratio Lower Upper
202 100
101 34.6 7.6 11.4
203 17.5 13.8 20.6

Manual Integrations
APPROVED

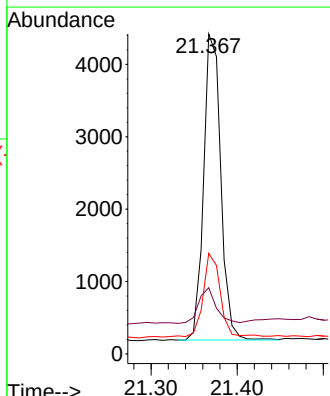
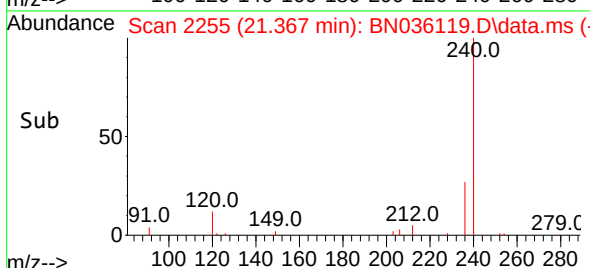
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

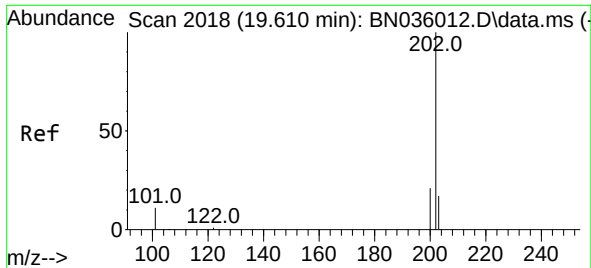


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.367 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19



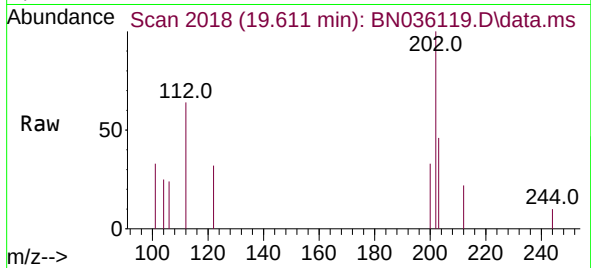
Tgt Ion:240 Resp: 5874
Ion Ratio Lower Upper
240 100
120 20.7 13.9 20.9
236 31.4 23.7 35.5





#30
Pyrene
Concen: 0.057 ng
RT: 19.611 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19

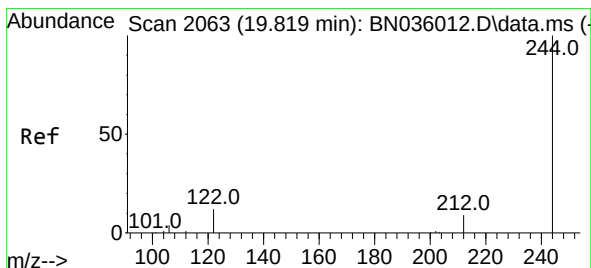
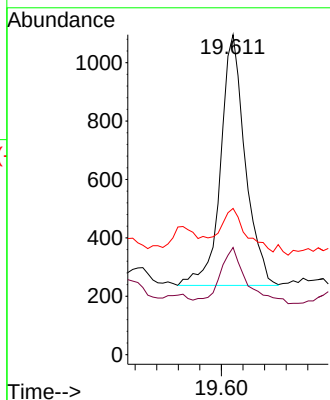
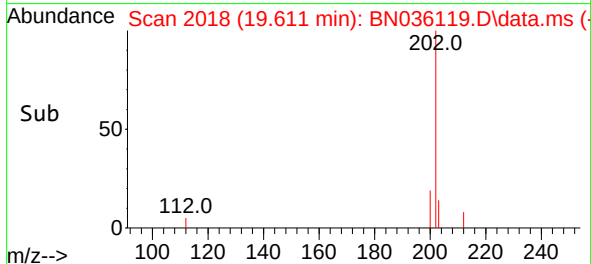
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-60-62



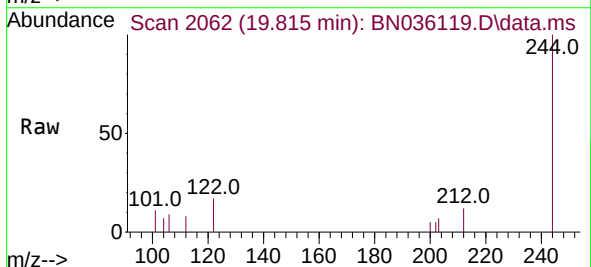
Tgt Ion:202 Resp: 1362
Ion Ratio Lower Upper
202 100
200 23.5 17.0 25.4
203 17.5 14.4 21.6

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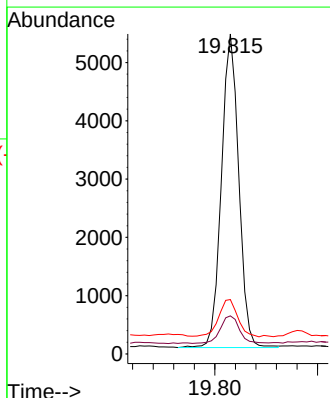
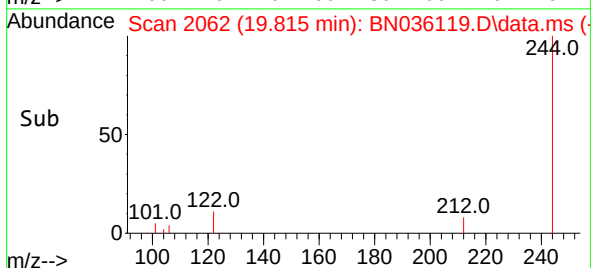
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

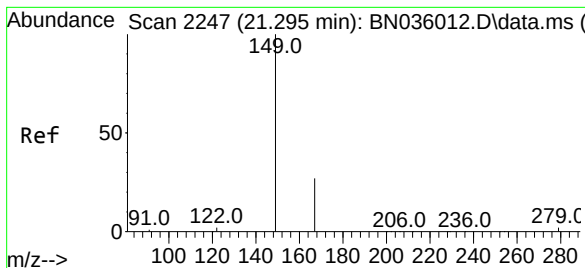


#31
Terphenyl-d14
Concen: 0.517 ng
RT: 19.815 min Scan# 2062
Delta R.T. -0.004 min
Lab File: BN036119.D
Acq: 29 Jan 2025 22:19



Tgt Ion:244 Resp: 6314
Ion Ratio Lower Upper
244 100
212 11.9 9.1 13.7
122 17.0 11.3 16.9#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.371 ng

RT: 21.286 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN036119.D

Acq: 29 Jan 2025 22:19

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-60-62

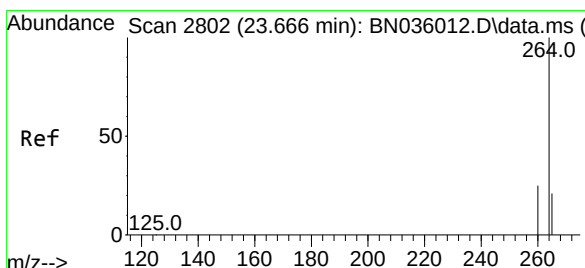
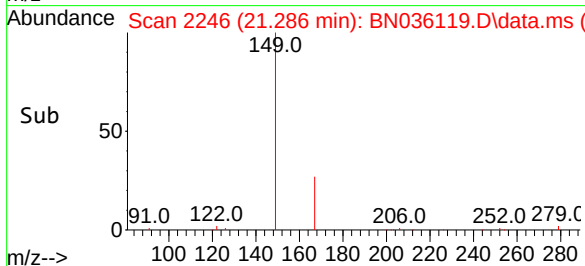
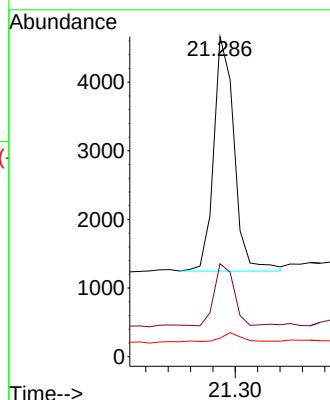
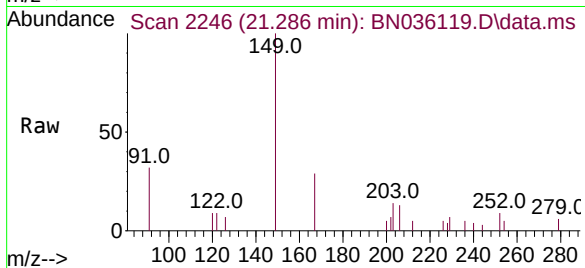
Tgt Ion:149	Resp:	4334
Ion Ratio	Lower	Upper
149	100	
167	24.8	21.9 32.9
279	4.1	3.0 4.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 01/31/2025



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.672 min Scan# 2804

Delta R.T. 0.006 min

Lab File: BN036119.D

Acq: 29 Jan 2025 22:19

Tgt Ion:264	Resp:	5930
Ion Ratio	Lower	Upper
264	100	
260	26.3	21.8 32.6
265	110.3	56.6 84.8#

