

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
 Data File : BN036315.D
 Acq On : 06 Feb 2025 01:58
 Operator : RC/JU
 Sample : Q1249-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-460-462

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 06 02:47:22 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 Feb 06 01:04:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2435	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5779	0.400	ng	# 0.00
13) Acenaphthene-d10	14.409	164	3034	0.400	ng	0.00
19) Phenanthrene-d10	17.148	188	5977	0.400	ng	#-0.01
29) Chrysene-d12	21.339	240	5447	0.400	ng	0.00
35) Perylene-d12	23.624	264	5960	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.363	112	853	0.135	ng	0.00
5) Phenol-d6	6.951	99	595	0.080	ng	0.00
8) Nitrobenzene-d5	8.918	82	1832	0.336	ng	-0.01
11) 2-Methylnaphthalene-d10	12.151	152	2570	0.327	ng	0.00
14) 2,4,6-Tribromophenol	15.907	330	440	0.226	ng	0.00
15) 2-Fluorobiphenyl	13.030	172	3601	0.266	ng	-0.01
27) Fluoranthene-d10	19.187	212	3843	0.248	ng	0.00
31) Terphenyl-d14	19.787	244	3417	0.302	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.283	88	8121	2.984	ng	97
25) Phenanthrene	17.198	178	467m	0.026	ng	
34) Bis(2-ethylhexyl)phtha...	21.259	149	7057	0.652	ng	# 99

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

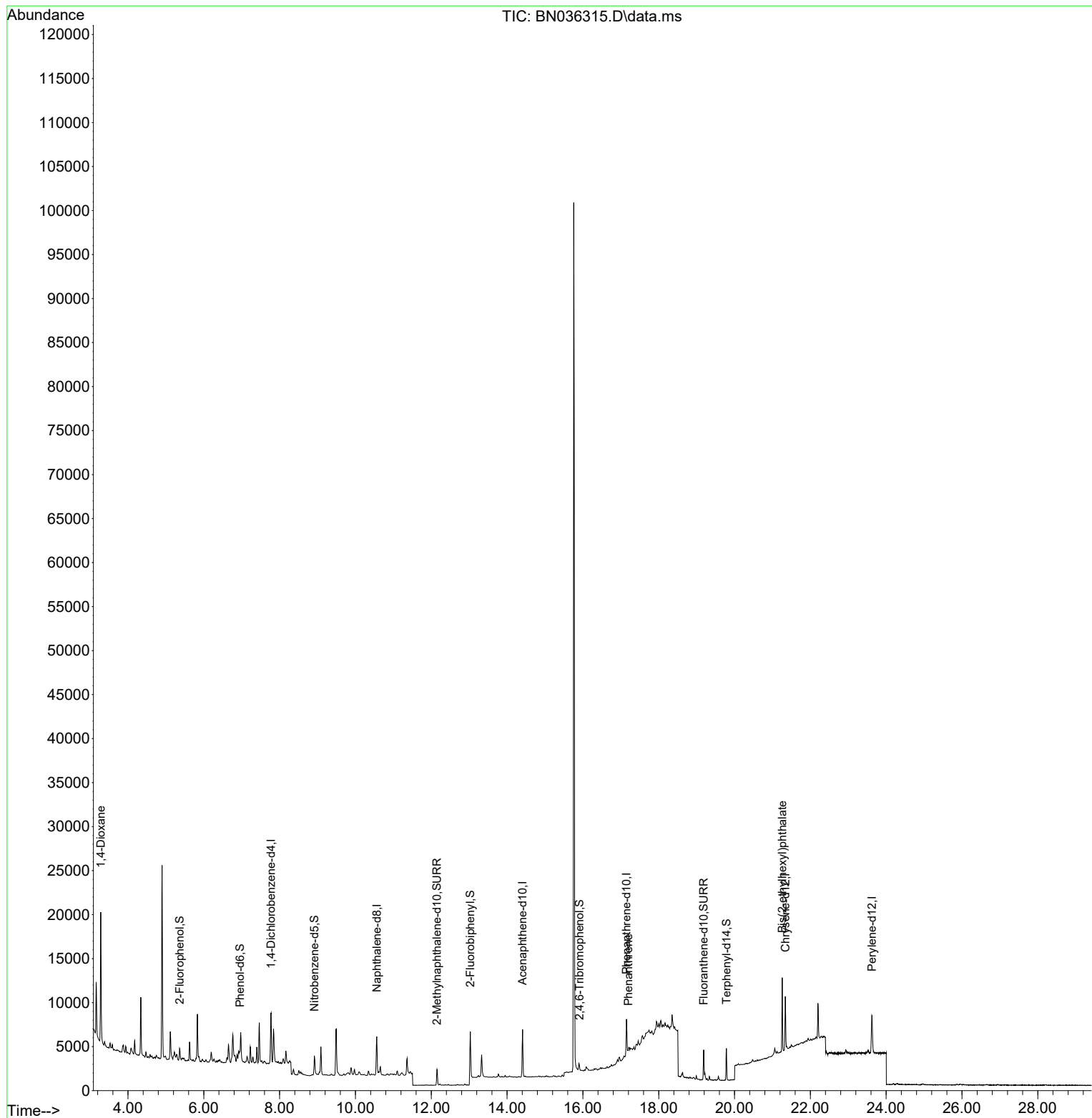
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
Data File : BN036315.D
Acq On : 06 Feb 2025 01:58
Operator : RC/JU
Sample : Q1249-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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BNA_N
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BP-VPB-192-GW-460-462

Manual Integrations
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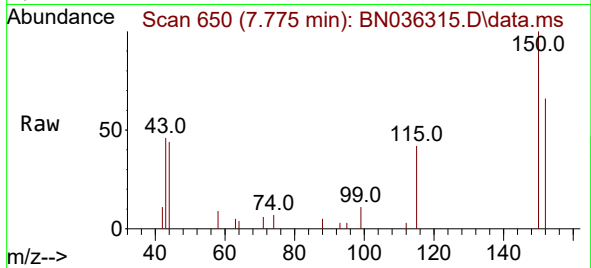
Quant Time: Feb 06 02:47:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 01:04:09 2025
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN036315.D
 Acq: 06 Feb 2025 01:58

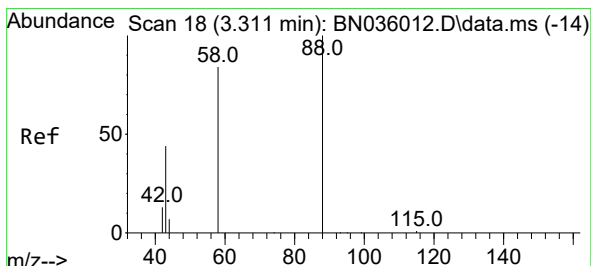
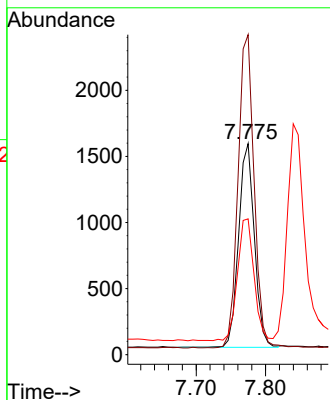
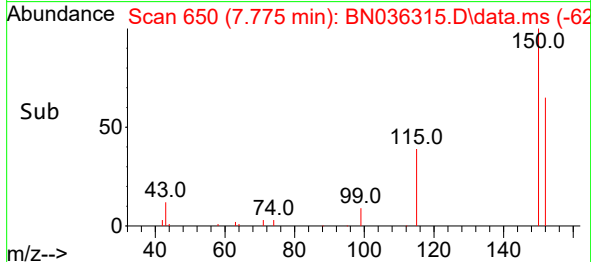
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-460-462



Tgt Ion: 152 Resp: 243
 Ion Ratio Lower Upper
 152 100
 150 151.7 117.4 176.2
 115 64.4 51.0 76.4

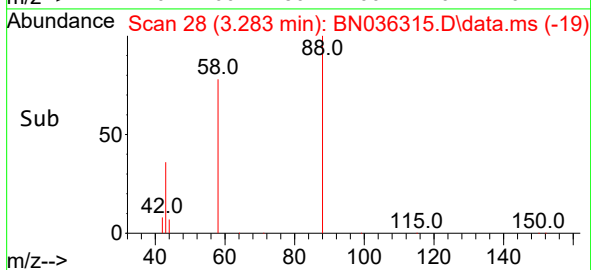
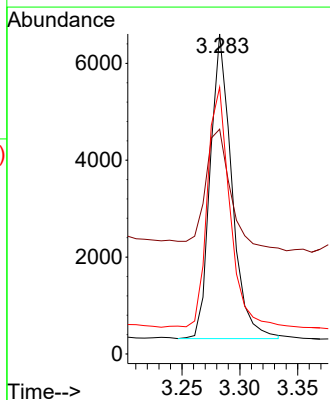
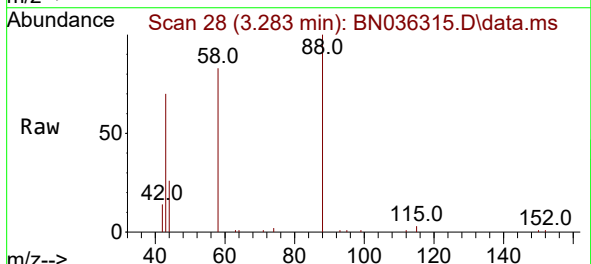
Manual Integrations
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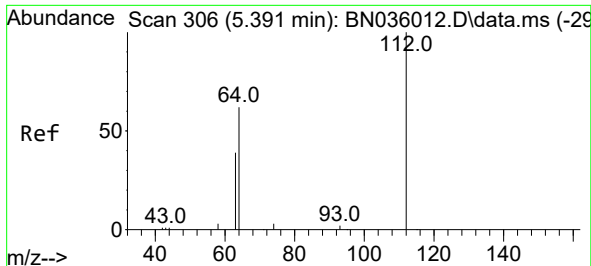
Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/07/2025



#2
 1,4-Dioxane
 Concen: 2.984 ng
 RT: 3.283 min Scan# 28
 Delta R.T. -0.007 min
 Lab File: BN036315.D
 Acq: 06 Feb 2025 01:58

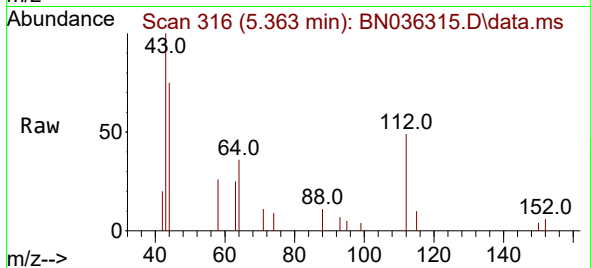
Tgt Ion: 88 Resp: 8121
 Ion Ratio Lower Upper
 88 100
 43 44.2 38.5 57.7
 58 82.4 66.6 99.8





#4
2-Fluorophenol
Concen: 0.135 ng
RT: 5.363 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN036315.D
Acq: 06 Feb 2025 01:58

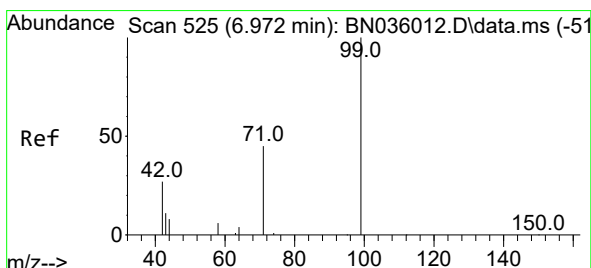
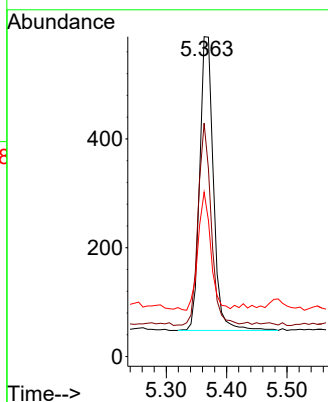
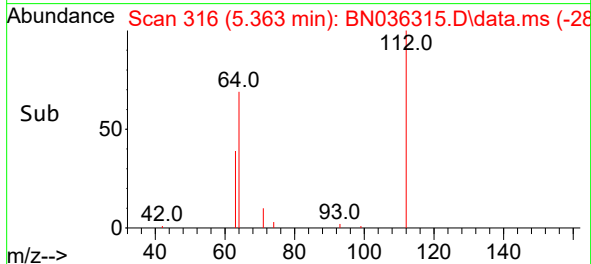
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-460-462



Tgt Ion: 112 Resp: 85
Ion Ratio Lower Upper
112 100
64 64.7 50.0 75.0
63 36.8 30.7 46.1

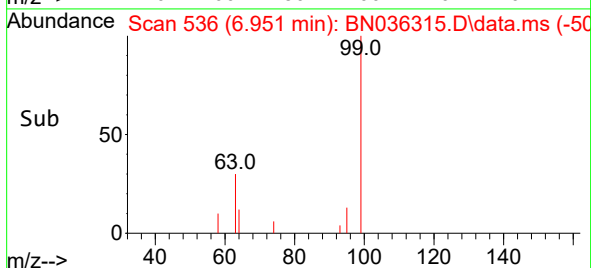
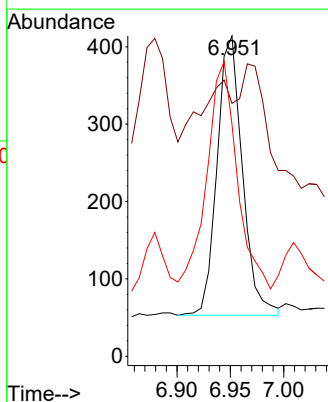
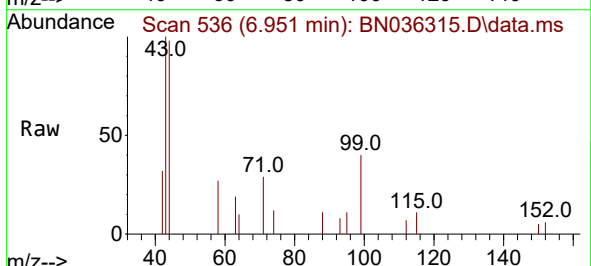
Manual Integrations
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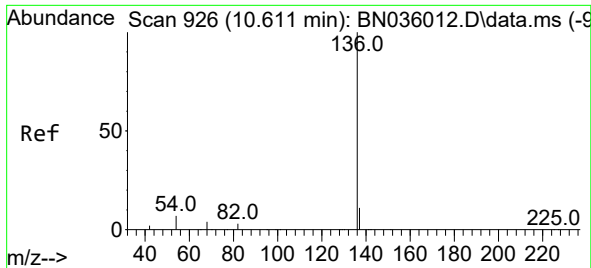
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/07/2025



#5
Phenol-d6
Concen: 0.080 ng
RT: 6.951 min Scan# 536
Delta R.T. -0.000 min
Lab File: BN036315.D
Acq: 06 Feb 2025 01:58

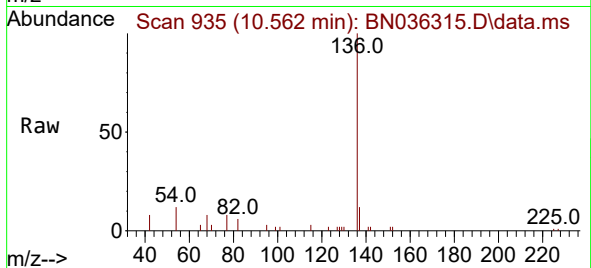
Tgt Ion: 99 Resp: 595
Ion Ratio Lower Upper
99 100
42 42.4 26.8 40.2#
71 103.9 36.6 55.0#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN036315.D
Acq: 06 Feb 2025 01:58

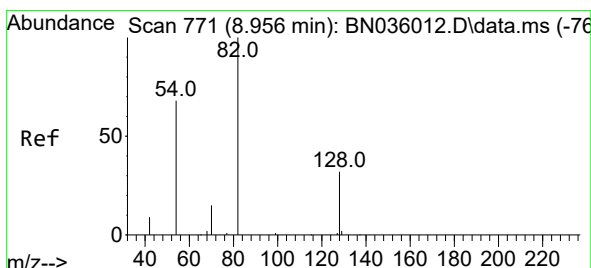
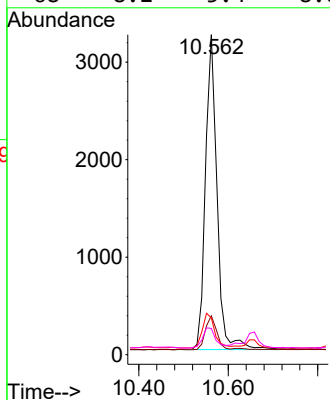
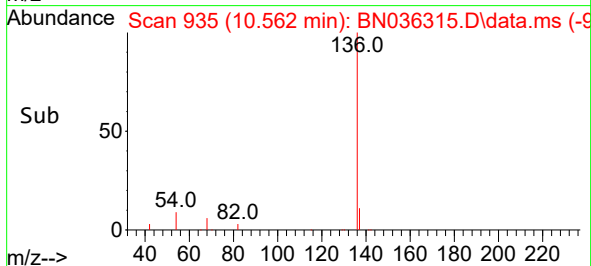
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-460-462



Tgt Ion:136 Resp: 5779
Ion Ratio Lower Upper
136 100
137 12.2 10.4 15.6
54 11.5 7.7 11.5
68 8.2 5.4 8.0#

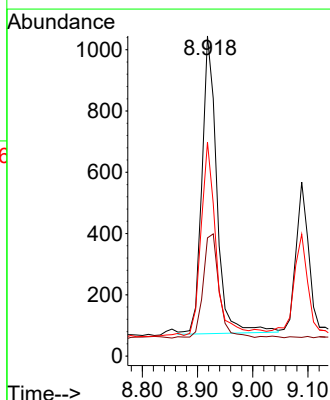
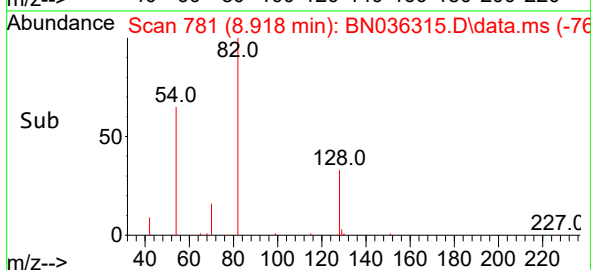
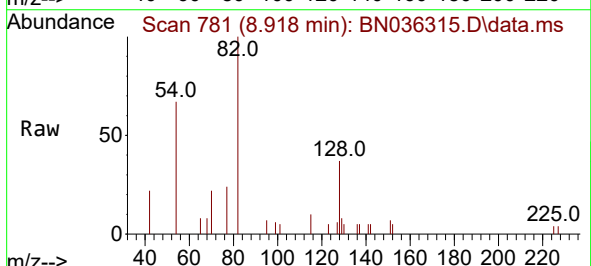
Manual Integrations
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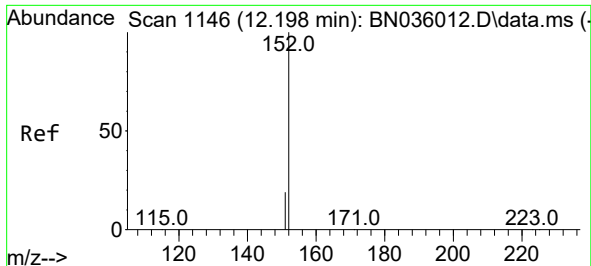
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/07/2025



#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN036315.D
Acq: 06 Feb 2025 01:58

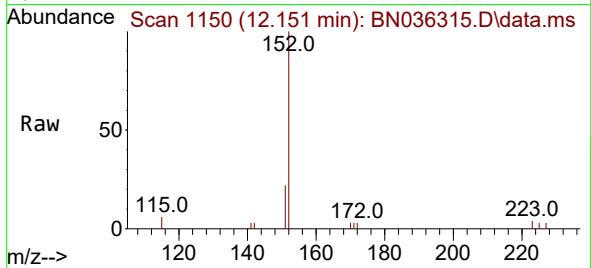
Tgt Ion: 82 Resp: 1832
Ion Ratio Lower Upper
82 100
128 36.9 28.8 43.2
54 66.8 55.8 83.8





#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.151 min Scan# 1146
Delta R.T. -0.005 min
Lab File: BN036315.D
Acq: 06 Feb 2025 01:58

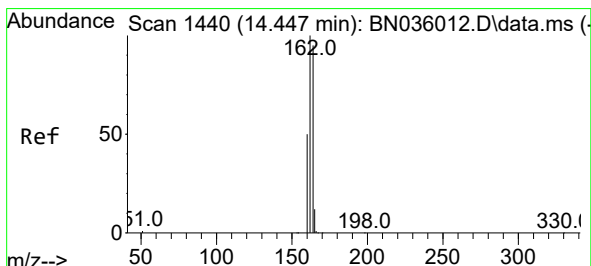
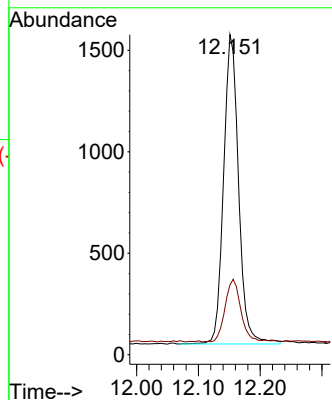
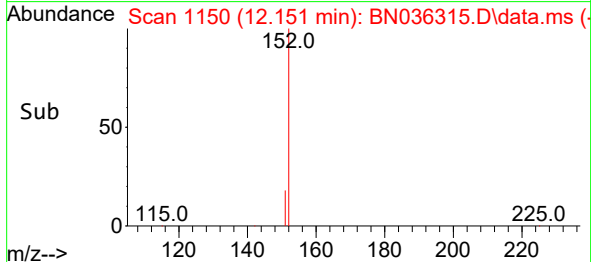
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-460-462



Tgt Ion:152 Resp: 2570
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0

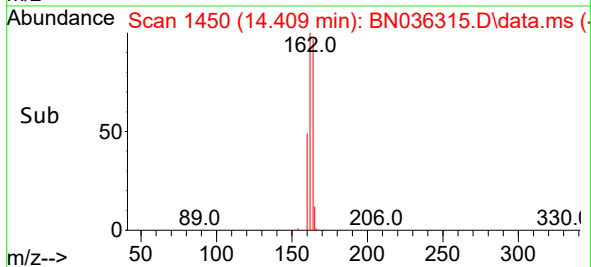
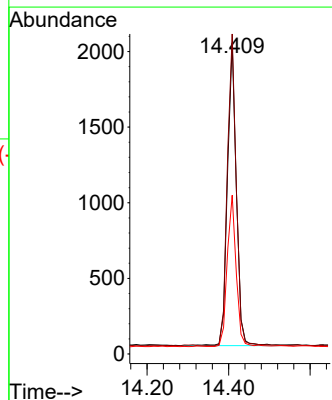
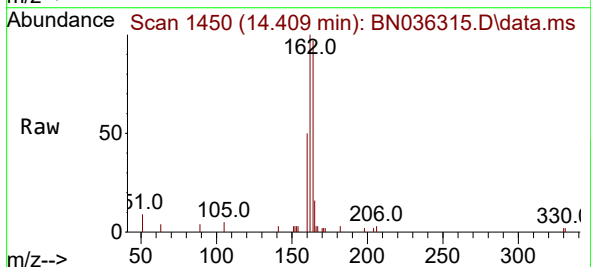
Manual Integrations
APPROVED

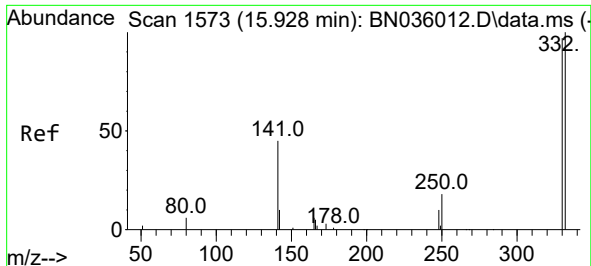
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/07/2025



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.409 min Scan# 1450
Delta R.T. -0.000 min
Lab File: BN036315.D
Acq: 06 Feb 2025 01:58

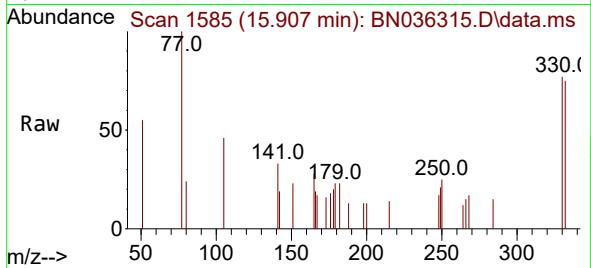
Tgt Ion:164 Resp: 3034
Ion Ratio Lower Upper
164 100
162 102.8 84.1 126.1
160 51.0 43.8 65.8





#14
2,4,6-Tribromophenol
Concen: 0.226 ng
RT: 15.907 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BN036315.D
Acq: 06 Feb 2025 01:58

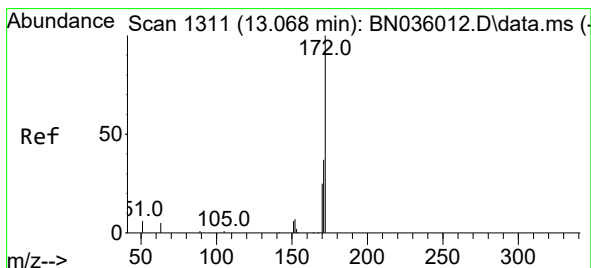
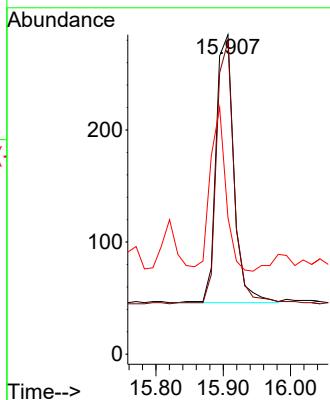
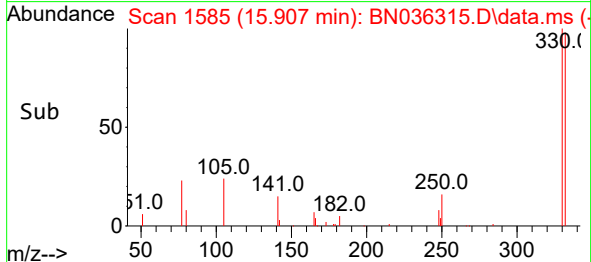
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-460-462



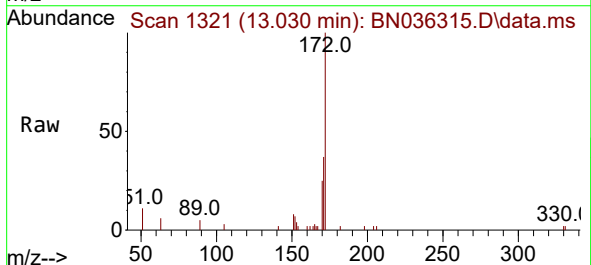
Tgt Ion:330 Resp: 440
Ion Ratio Lower Upper
330 100
332 97.7 81.0 121.4
141 53.4 36.7 55.1

Manual Integrations
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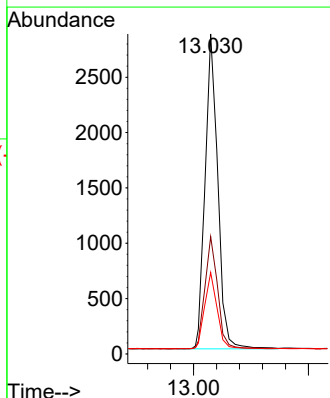
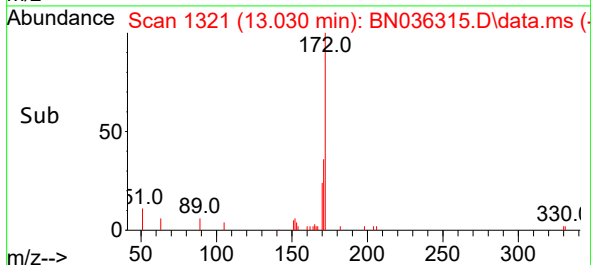
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/07/2025

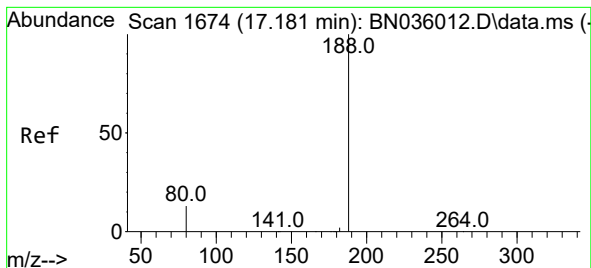


#15
2-Fluorobiphenyl
Concen: 0.266 ng
RT: 13.030 min Scan# 1321
Delta R.T. -0.011 min
Lab File: BN036315.D
Acq: 06 Feb 2025 01:58



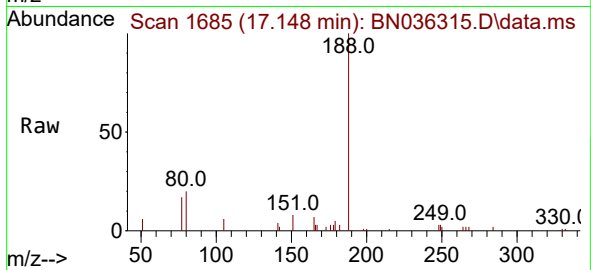
Tgt Ion:172 Resp: 3601
Ion Ratio Lower Upper
172 100
171 36.6 30.9 46.3
170 25.4 21.2 31.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. -0.013 min
Lab File: BN036315.D
Acq: 06 Feb 2025 01:58

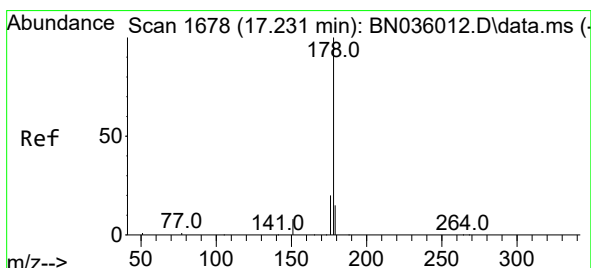
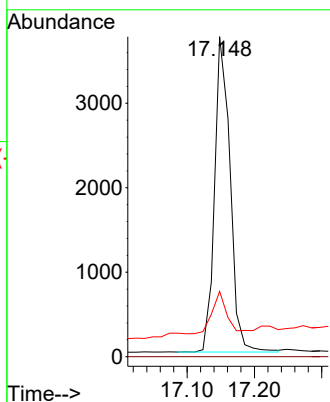
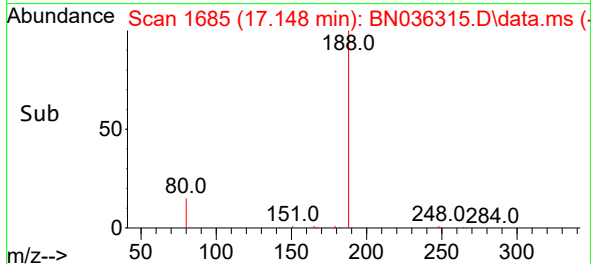
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-460-462



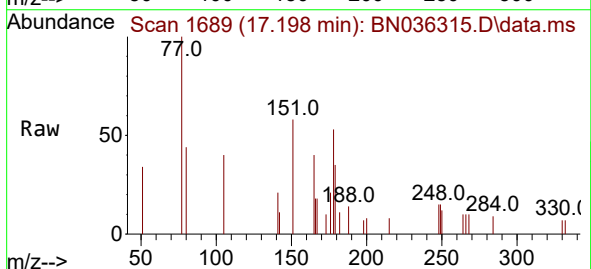
Tgt Ion:188 Resp: 597
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 20.4 12.3 18.5

Manual Integrations
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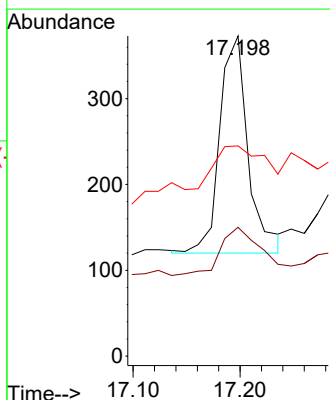
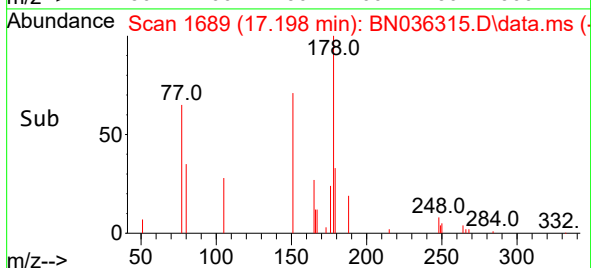
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/07/2025

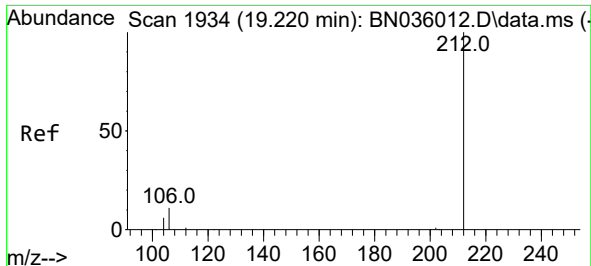


#25
Phenanthrene
Concen: 0.026 ng m
RT: 17.198 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BN036315.D
Acq: 06 Feb 2025 01:58



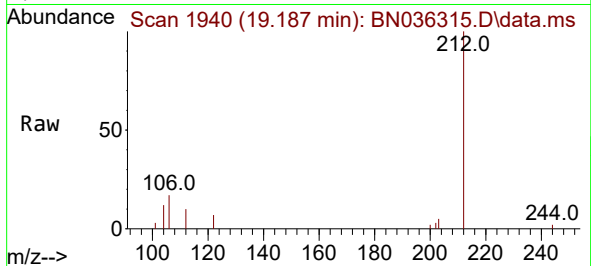
Tgt Ion:178 Resp: 467
Ion Ratio Lower Upper
178 100
176 30.0 16.0 24.0#
179 100.0 12.4 18.6#





#27
Fluoranthene-d10
Concen: 0.248 ng
RT: 19.187 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BN036315.D
Acq: 06 Feb 2025 01:58

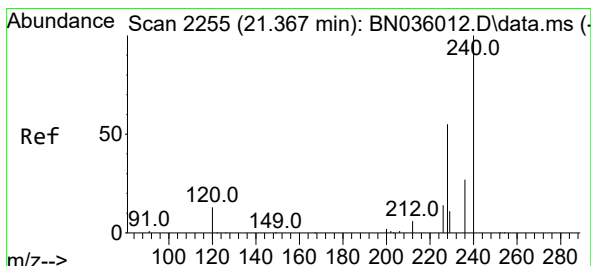
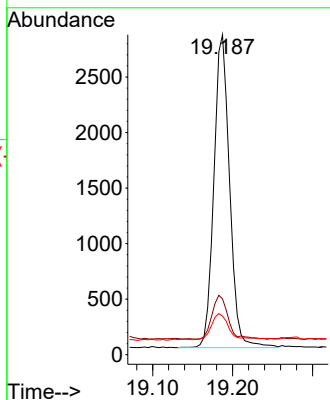
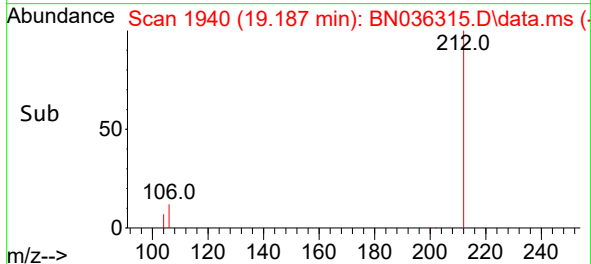
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-460-462



Tgt Ion:212 Resp: 384
Ion Ratio Lower Upper
212 100
106 14.4 9.7 14.5
104 9.0 6.0 9.0

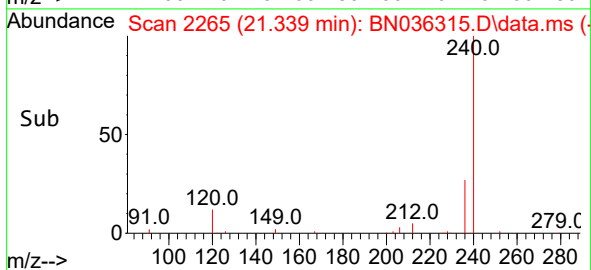
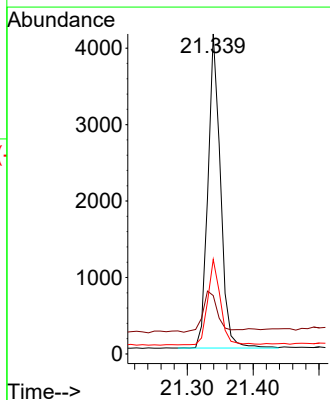
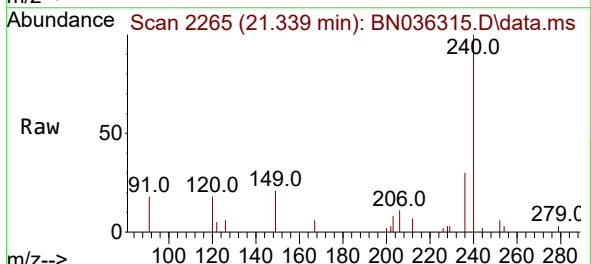
Manual Integrations
APPROVED

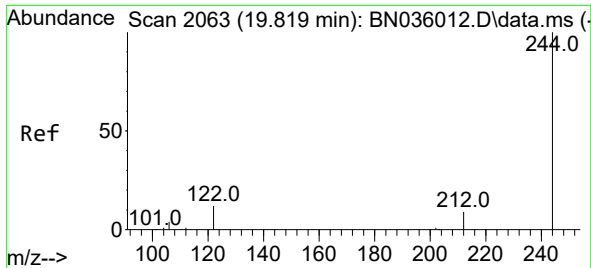
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/07/2025



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.339 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BN036315.D
Acq: 06 Feb 2025 01:58

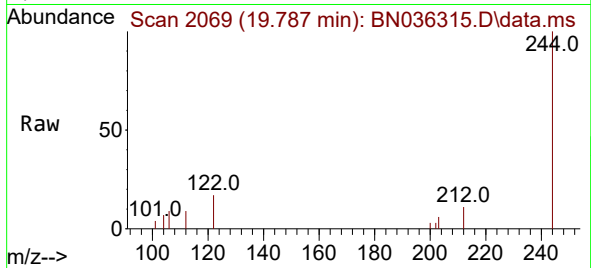
Tgt Ion:240 Resp: 5447
Ion Ratio Lower Upper
240 100
120 18.3 13.9 20.9
236 29.6 23.7 35.5





#31
Terphenyl-d14
Concen: 0.302 ng
RT: 19.787 min Scan# 2063
Delta R.T. -0.005 min
Lab File: BN036315.D
Acq: 06 Feb 2025 01:58

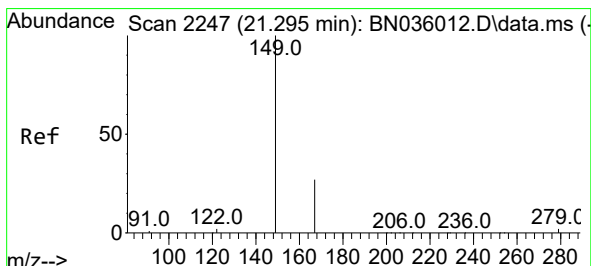
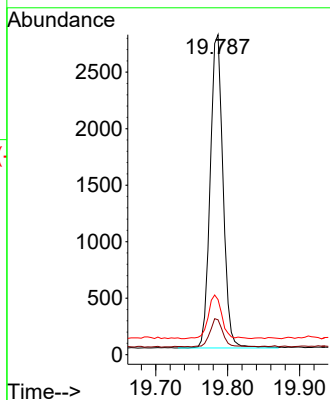
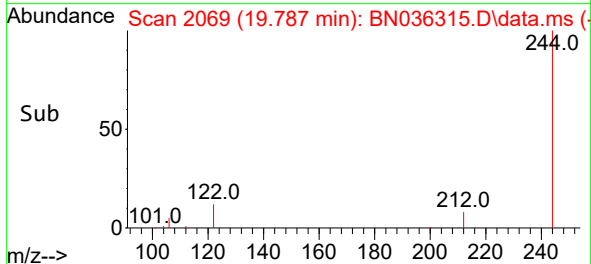
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-460-462



Tgt Ion:244 Resp: 341
Ion Ratio Lower Upper
244 100
212 10.9 9.1 13.7
122 17.2 11.3 16.9

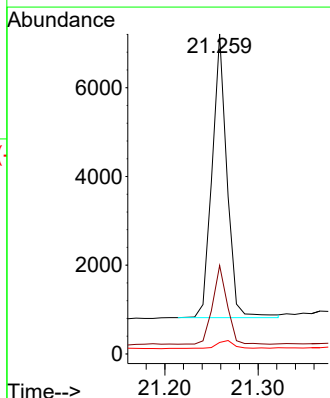
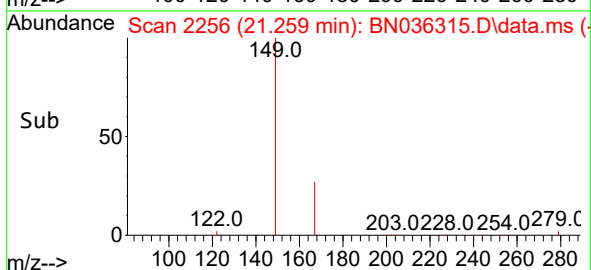
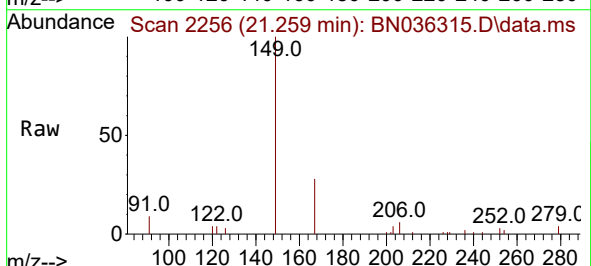
Manual Integrations
APPROVED

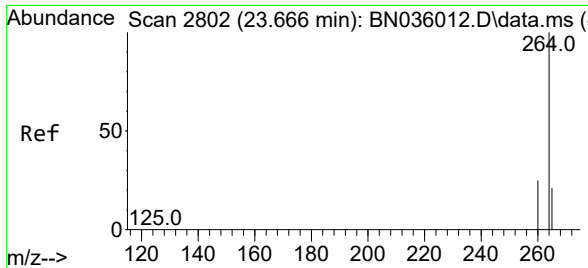
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/07/2025



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.652 ng
RT: 21.259 min Scan# 2256
Delta R.T. -0.000 min
Lab File: BN036315.D
Acq: 06 Feb 2025 01:58

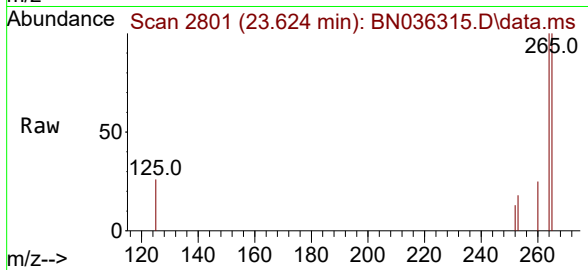
Tgt Ion:149 Resp: 7057
Ion Ratio Lower Upper
149 100
167 27.0 21.9 32.9
279 3.0 3.0 4.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.624 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN036315.D
Acq: 06 Feb 2025 01:58

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-460-462



Tgt Ion: 264 Resp: 5960

Ion	Ratio	Lower	Upper
264	100		
260	25.5	21.8	32.6
265	100.1	56.6	84.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/07/2025

