

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035842.D
 Acq On : 25 Dec 2024 04:38
 Operator : RC/JU
 Sample : P5374-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-190A-GW-718-720

Quant Time: Dec 25 05:14:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :mohammad ahmed 12/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.257	152	3670	0.400	ng	-0.01
7) Naphthalene-d8	9.999	136	9618	0.400	ng	#-0.02
13) Acenaphthene-d10	13.914	164	6807	0.400	ng	-0.02
19) Phenanthrene-d10	16.686	188	14364	0.400	ng	#-0.01
29) Chrysene-d12	20.938	240	13138	0.400	ng	-0.02
35) Perylene-d12	23.015	264	13650	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	423	0.046	ng	-0.01
5) Phenol-d6	6.470	99	387	0.035	ng	-0.02
8) Nitrobenzene-d5	8.397	82	1264m	0.215	ng	-0.01
11) 2-Methylnaphthalene-d10	11.600	152	4183	0.278	ng	-0.02
14) 2,4,6-Tribromophenol	15.443	330	369	0.076	ng	-0.01
15) 2-Fluorobiphenyl	12.523	172	5617	0.218	ng	-0.02
27) Fluoranthene-d10	18.743	212	9066	0.223	ng	-0.02
31) Terphenyl-d14	19.375	244	7032	0.271	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	1864	0.531	ng	# 92
9) Naphthalene	10.052	128	972	0.038	ng	# 62
25) Phenanthrene	16.736	178	921	0.023	ng	# 91
34) Bis(2-ethylhexyl)phtha...	20.893	149	17584	0.969	ng	99

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

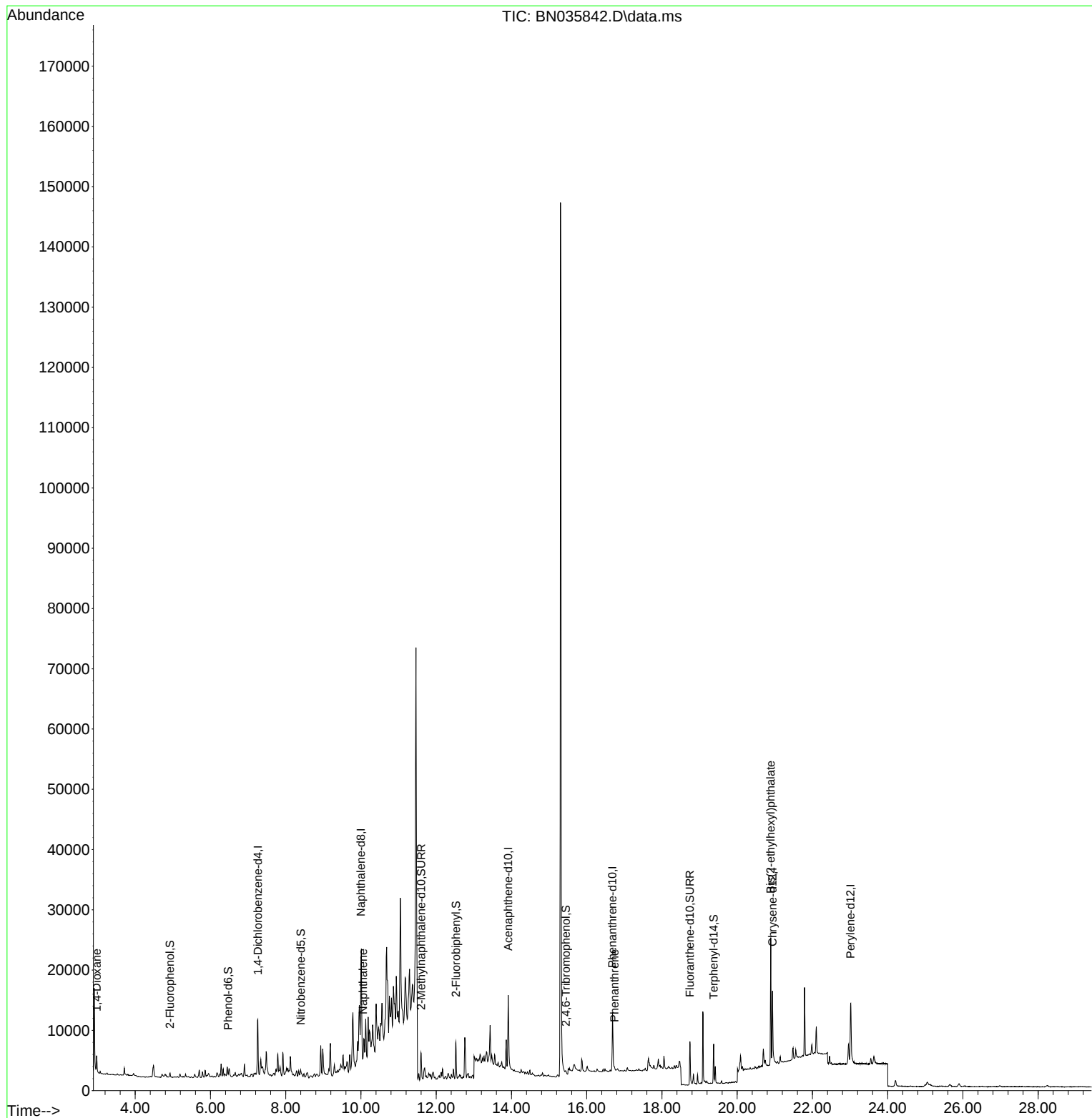
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035842.D
Acq On : 25 Dec 2024 04:38
Operator : RC/JU
Sample : P5374-03
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Instrument :
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BP-VPB-190A-GW-718-720

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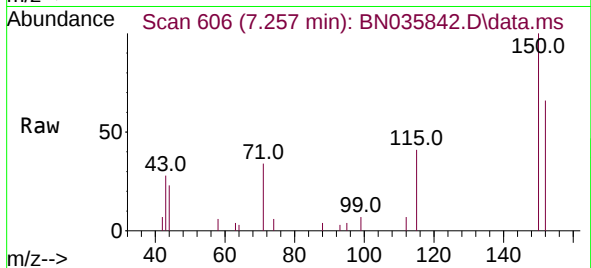
Quant Time: Dec 25 05:14:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.257 min Scan# 606
Delta R.T. -0.015 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

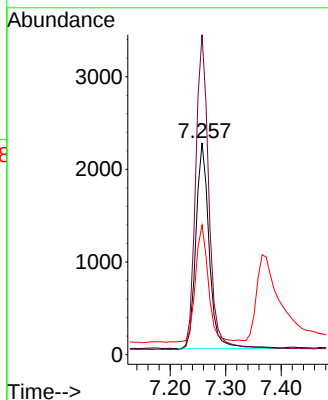
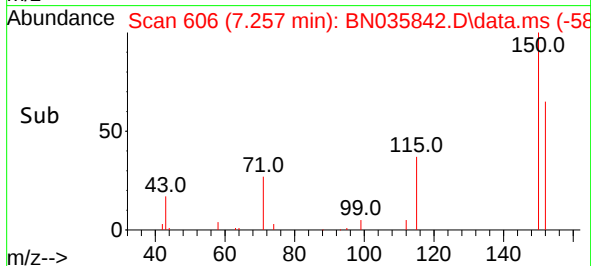
Instrument : BNA_N
ClientSampleId : BP-VPB-190A-GW-718-720



Tgt Ion:152 Resp: 3670
Ion Ratio Lower Upper
152 100
150 151.0 124.0 186.0
115 61.2 49.6 74.4

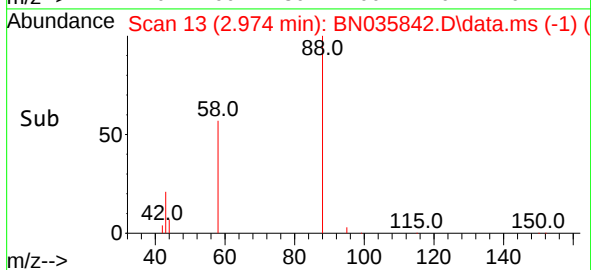
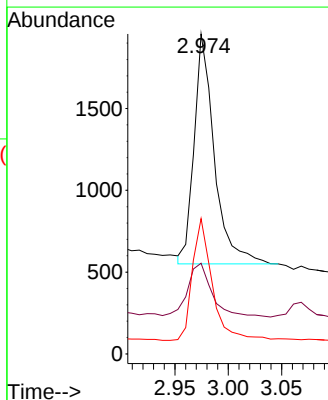
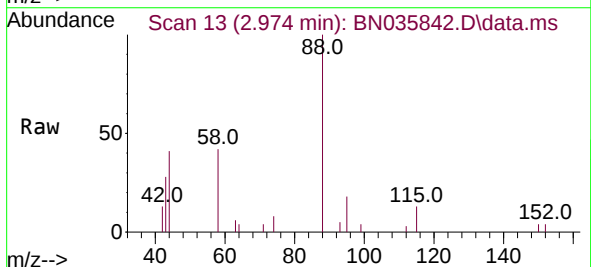
Manual Integrations
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Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#2
1,4-Dioxane
Concen: 0.531 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

Tgt Ion: 88 Resp: 1864
Ion Ratio Lower Upper
88 100
43 28.1 17.2 25.8#
58 51.7 44.5 66.7





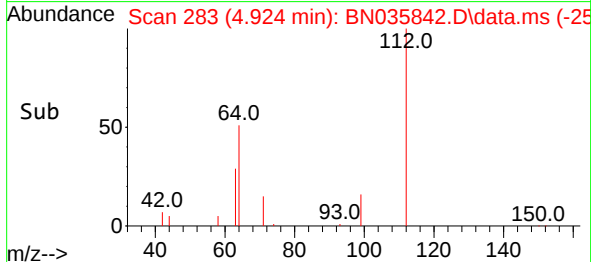
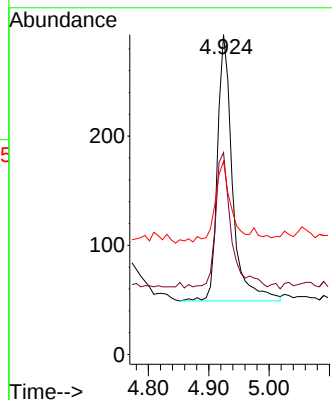
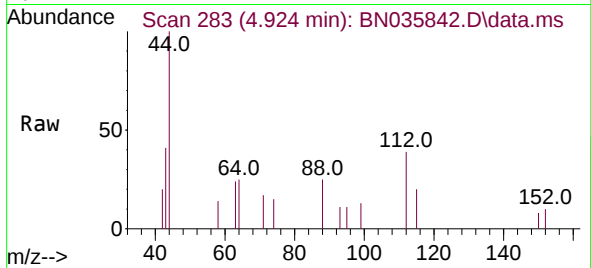
#4
2-Fluorophenol
Concen: 0.046 ng
RT: 4.924 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-718-720

Tgt Ion: 112 Resp: 42
Ion Ratio Lower Upper
112 100
64 50.8 39.8 59.8
63 33.1 21.0 31.6

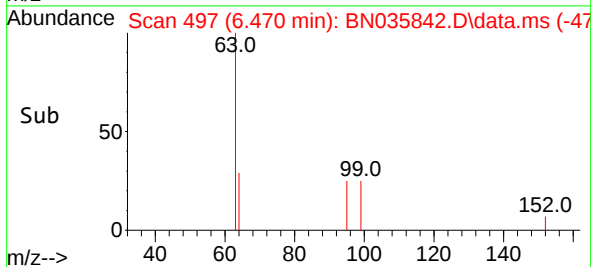
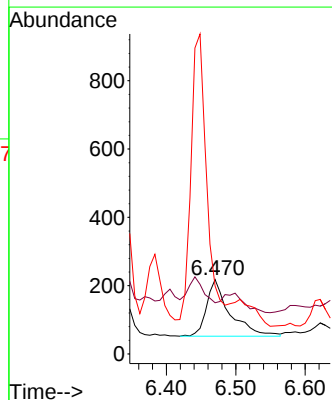
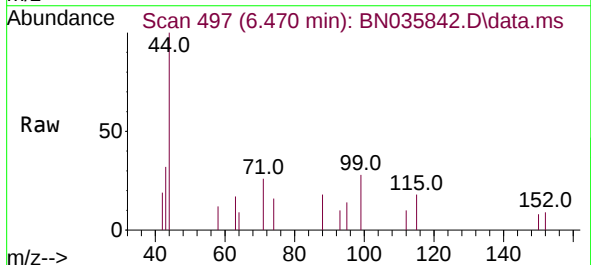
Manual Integrations
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Supervised By :mohammad ahmed 12/26/2024



#5
Phenol-d6
Concen: 0.035 ng
RT: 6.470 min Scan# 497
Delta R.T. -0.022 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

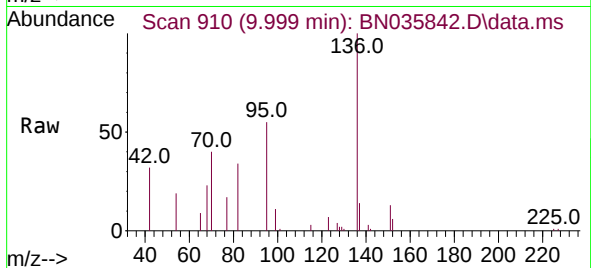
Tgt Ion: 99 Resp: 387
Ion Ratio Lower Upper
99 100
42 0.0 11.4 17.2#
71 0.0 29.3 43.9#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 9.999 min Scan# 915
Delta R.T. -0.021 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

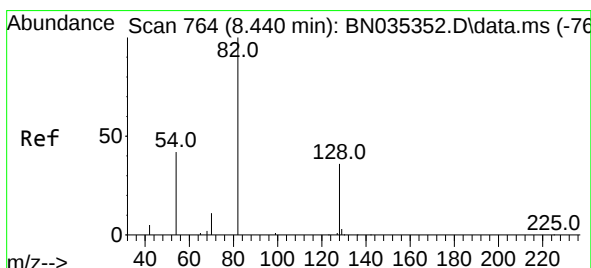
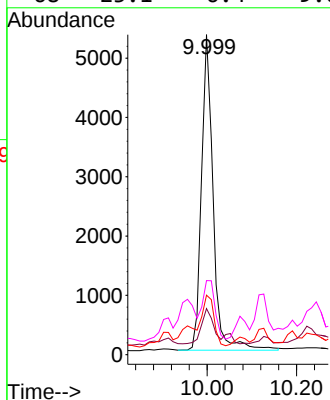
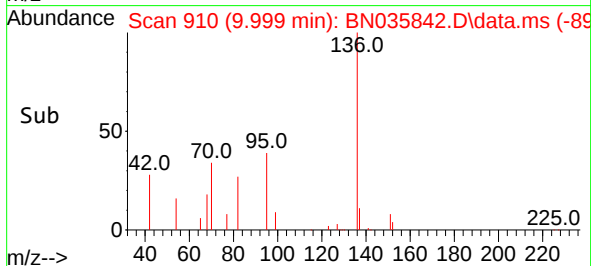
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-718-720



Tgt Ion:136 Resp: 9618
Ion Ratio Lower Upper
136 100
137 14.4 10.2 15.2
54 18.6 6.1 9.1
68 23.1 6.4 9.6

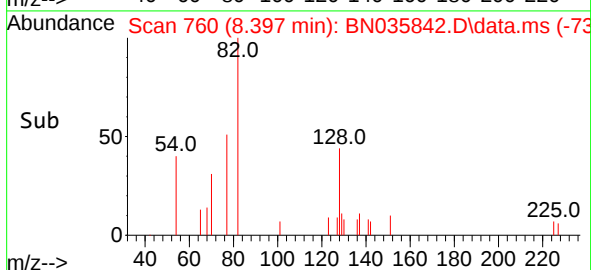
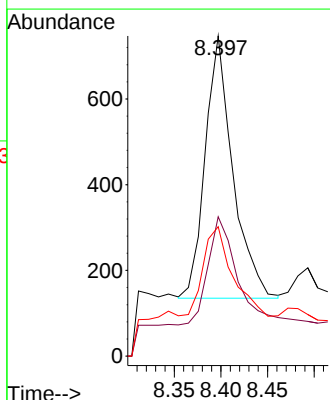
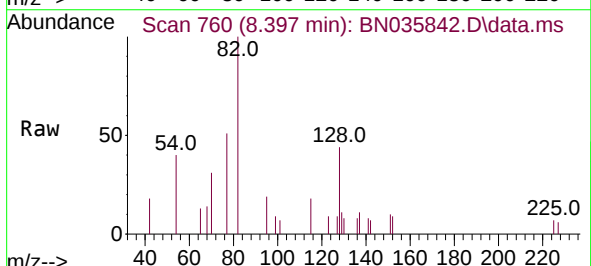
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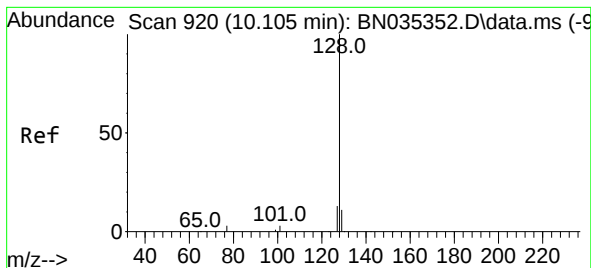
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#8
Nitrobenzene-d5
Concen: 0.215 ng m
RT: 8.397 min Scan# 760
Delta R.T. -0.011 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

Tgt Ion: 82 Resp: 1264
Ion Ratio Lower Upper
82 100
128 43.5 33.4 50.0
54 40.4 36.7 55.1





#9

Naphthalene

Concen: 0.038 ng

RT: 10.052 min Scan# 915

Delta R.T. -0.011 min

Lab File: BN035842.D

Acq: 25 Dec 2024 04:38

Instrument :

BNA_N

ClientSampleId :

BP-VPB-190A-GW-718-720

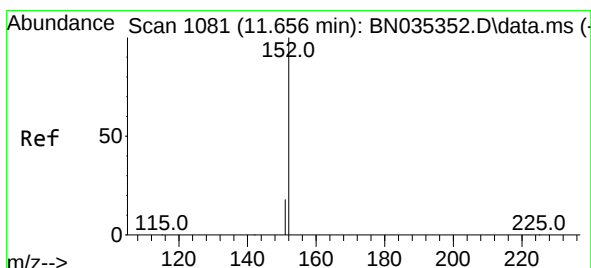
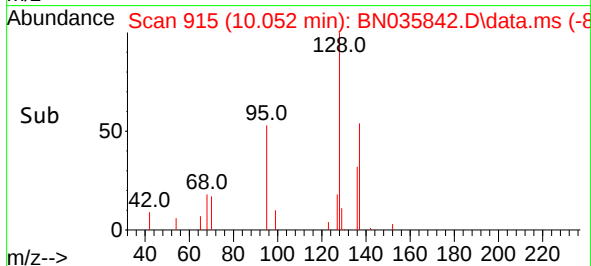
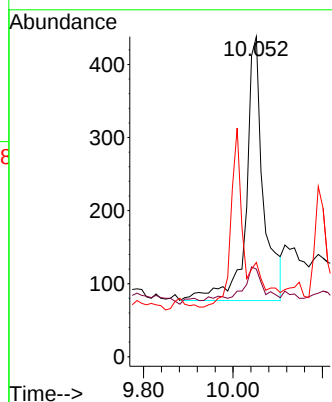
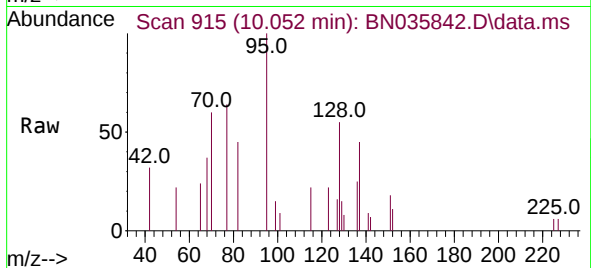
Tgt Ion:	128	Resp:	972
Ion Ratio	Lower	Upper	
128	100		
129	27.4	9.8	14.6
127	29.5	11.4	17.2

Manual Integrations

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Supervised By :mohammad ahmed 12/26/2024



#11

2-Methylnaphthalene-d10

Concen: 0.278 ng

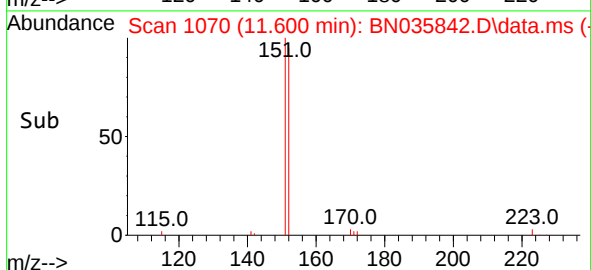
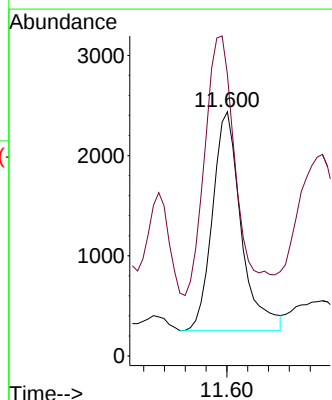
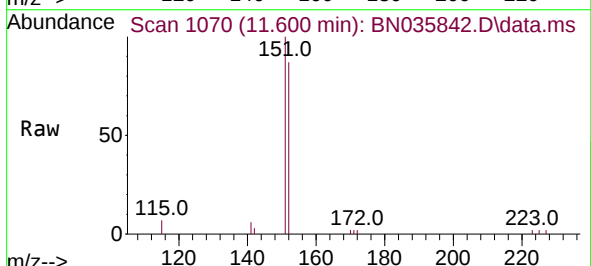
RT: 11.600 min Scan# 1070

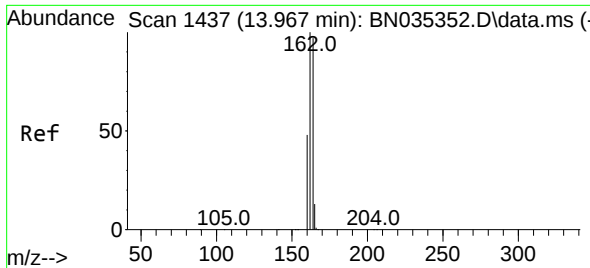
Delta R.T. -0.020 min

Lab File: BN035842.D

Acq: 25 Dec 2024 04:38

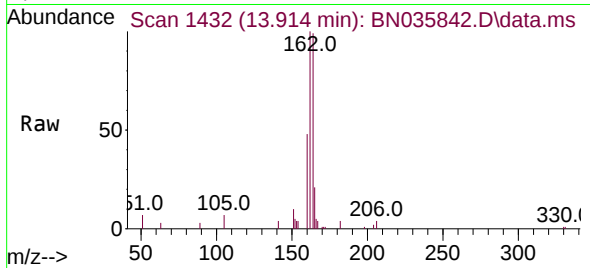
Tgt Ion:	152	Resp:	4183
Ion Ratio	Lower	Upper	
152	100		
151	127.1	16.6	25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.914 min Scan# 1437
Delta R.T. -0.021 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

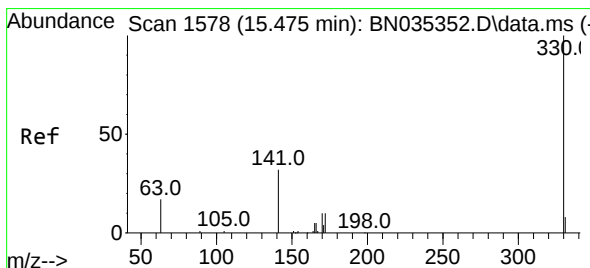
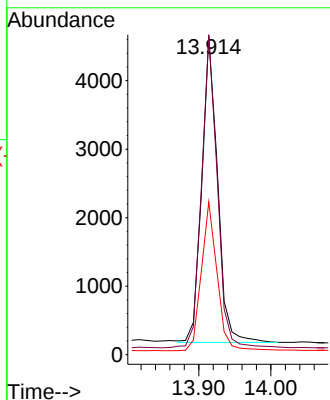
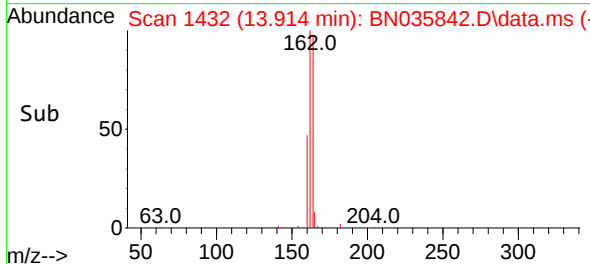
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-718-720



Tgt Ion:164 Resp: 680
Ion Ratio Lower Upper
164 100
162 100.6 82.2 123.2
160 48.0 40.1 60.1

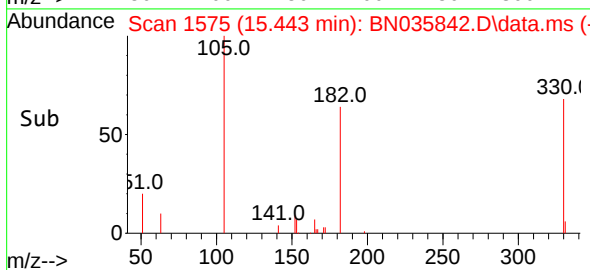
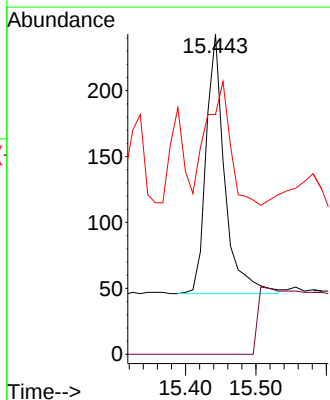
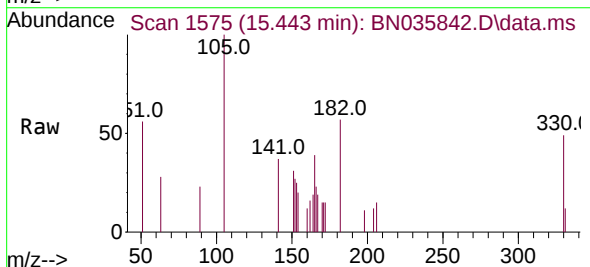
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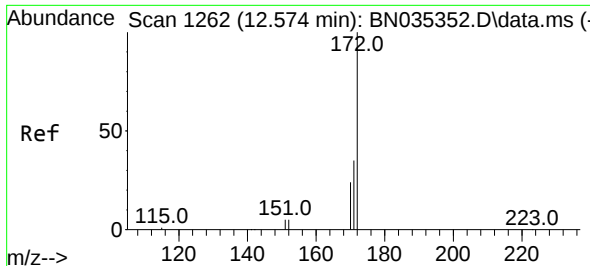
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#14
2,4,6-Tribromophenol
Concen: 0.076 ng
RT: 15.443 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

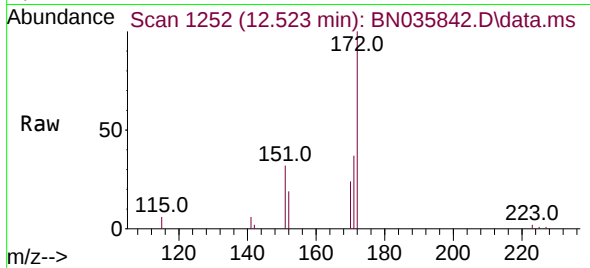
Tgt Ion:330 Resp: 369
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 59.1 26.6 40.0#





#15
2-Fluorobiphenyl
Concen: 0.218 ng
RT: 12.523 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

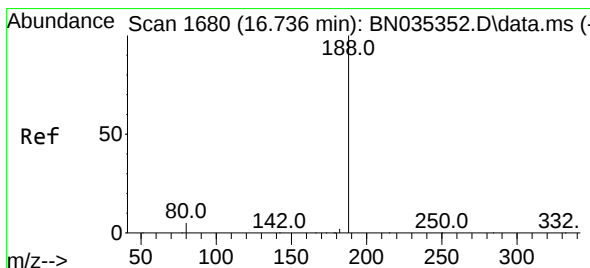
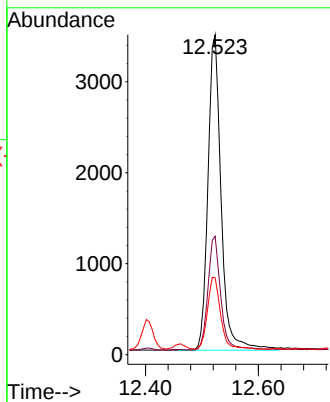
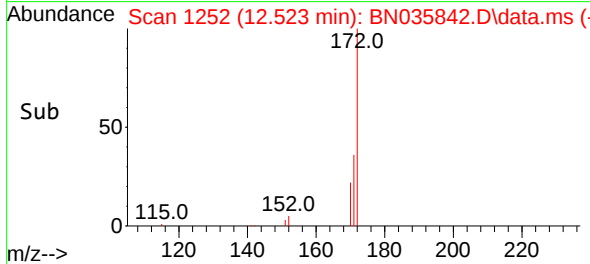
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-718-720



Tgt Ion:172 Resp: 561
Ion Ratio Lower Upper
172 100
171 37.0 29.0 43.4
170 24.0 19.8 29.8

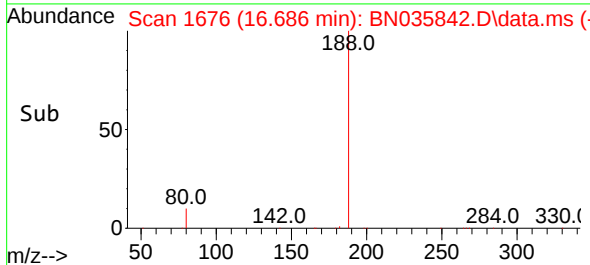
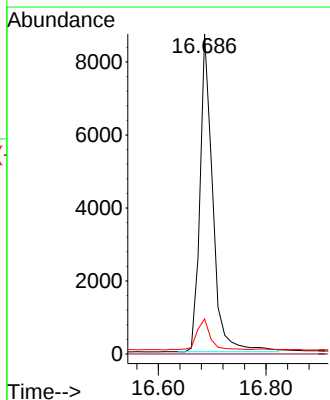
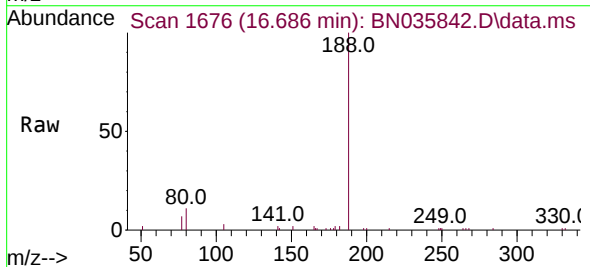
Manual Integrations
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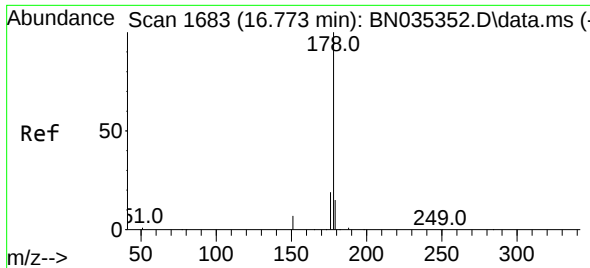
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.686 min Scan# 1676
Delta R.T. -0.012 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

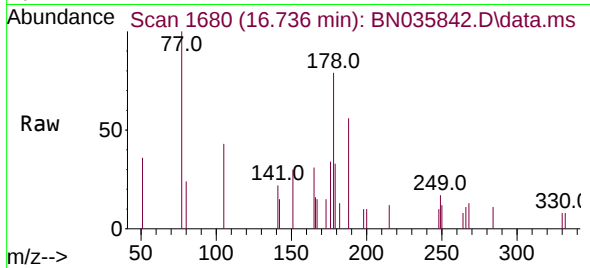
Tgt Ion:188 Resp: 14364
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 4.6 6.8#





#25
Phenanthrene
Concen: 0.023 ng
RT: 16.736 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

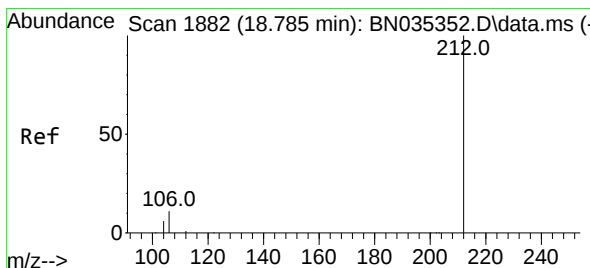
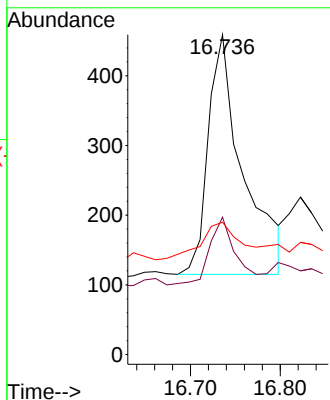
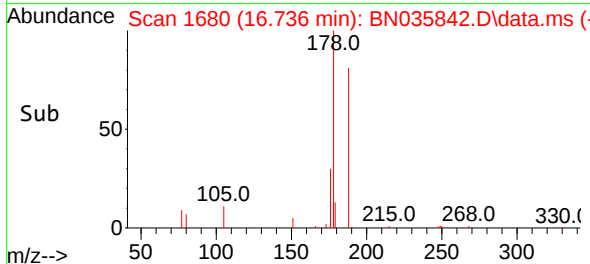
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-718-720



Tgt Ion:178 Resp: 921
Ion Ratio Lower Upper
178 100
176 21.4 15.4 23.2
179 21.8 12.3 18.5

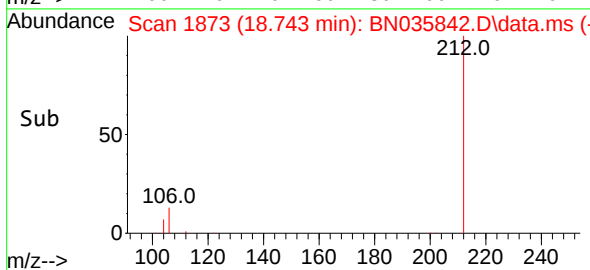
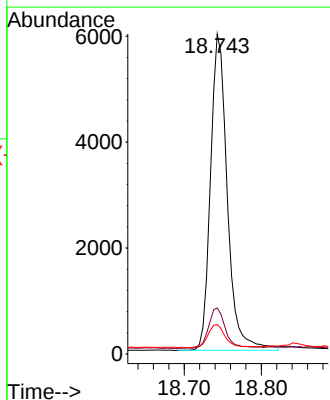
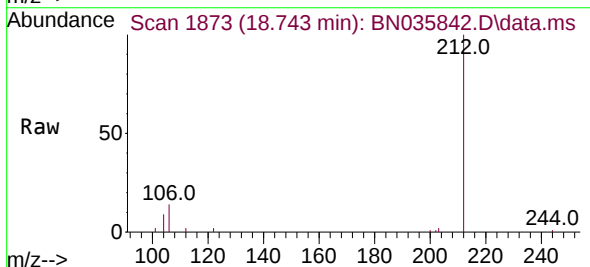
Manual Integrations
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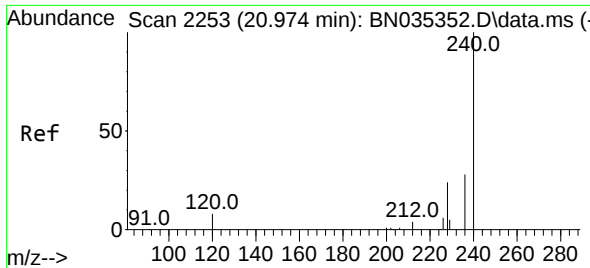
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#27
Fluoranthene-d10
Concen: 0.223 ng
RT: 18.743 min Scan# 1873
Delta R.T. -0.019 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

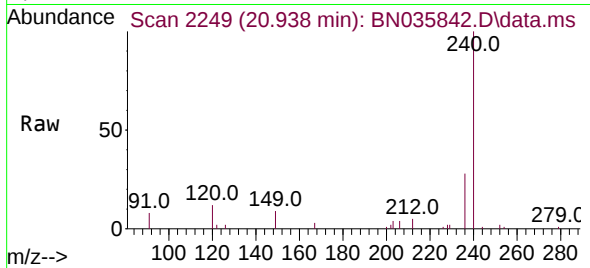
Tgt Ion:212 Resp: 9066
Ion Ratio Lower Upper
212 100
106 13.0 9.2 13.8
104 7.7 5.3 7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.938 min Scan# 2113
Delta R.T. -0.018 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

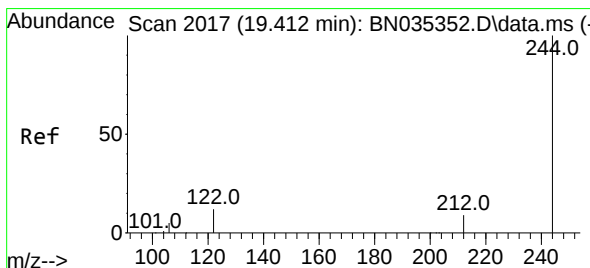
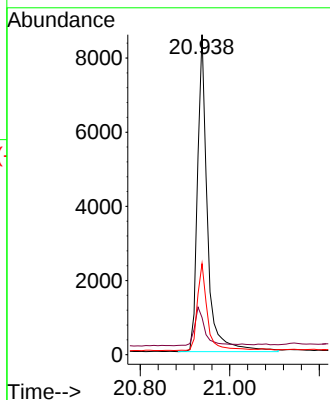
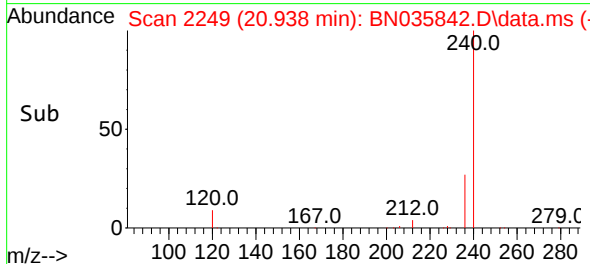
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-718-720



Tgt Ion:240 Resp: 13138
Ion Ratio Lower Upper
240 100
120 11.6 7.9 11.9
236 28.4 22.9 34.3

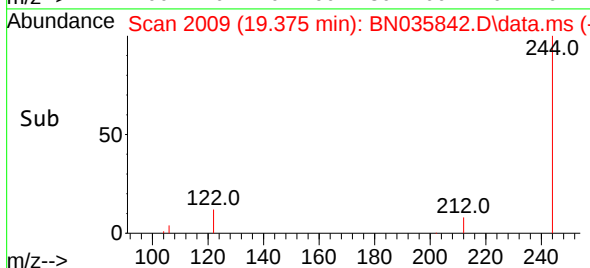
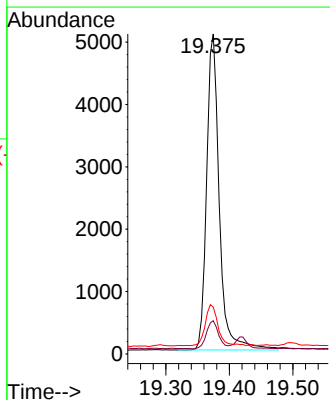
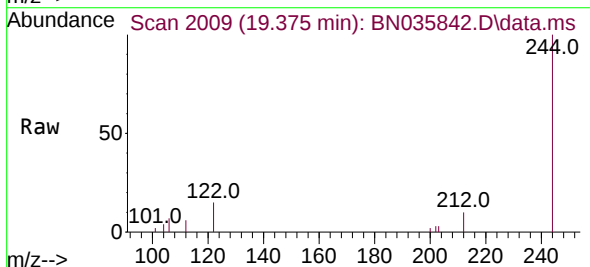
Manual Integrations
APPROVED

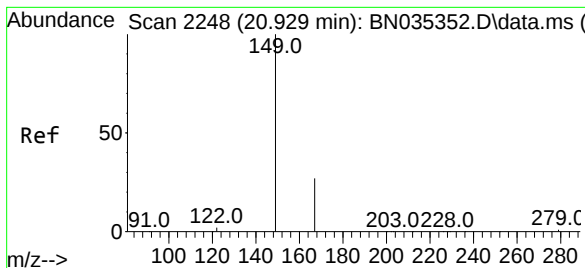
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#31
Terphenyl-d14
Concen: 0.271 ng
RT: 19.375 min Scan# 2009
Delta R.T. -0.014 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

Tgt Ion:244 Resp: 7032
Ion Ratio Lower Upper
244 100
212 10.4 8.1 12.1
122 14.7 10.3 15.5





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.969 ng

RT: 20.893 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN035842.D

Acq: 25 Dec 2024 04:38

Instrument :

BNA_N

ClientSampleId :

BP-VPB-190A-GW-718-720

Tgt Ion:149 Resp: 17584

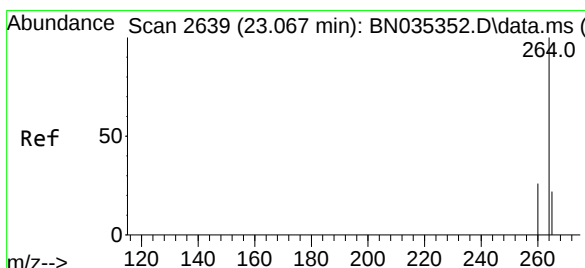
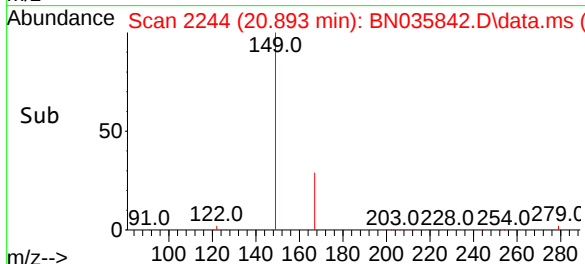
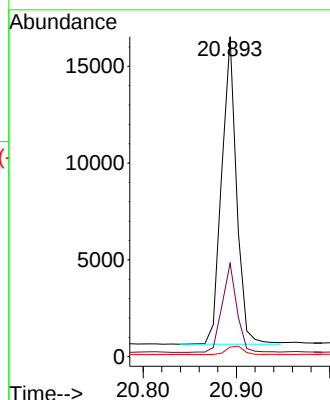
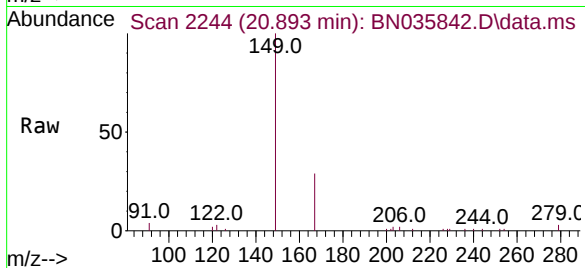
Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.2	33.4
279	3.2	2.7	4.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/26/2024

Supervised By :mohammad ahmed 12/26/2024



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.015 min Scan# 2621

Delta R.T. -0.026 min

Lab File: BN035842.D

Acq: 25 Dec 2024 04:38

Tgt Ion:264 Resp: 13650

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.4	32.2
265	58.3	40.2	60.4

