

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112724\
 Data File : BN035362.D
 Acq On : 27 Nov 2024 23:20
 Operator : RC/JU
 Sample : P4969-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TOWER-1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 12/03/2024

Quant Time: Nov 28 00:31:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 23:03:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.308	152	2270	0.400	ng	0.00
7) Naphthalene-d8	10.052	136	6204	0.400	ng	0.00
13) Acenaphthene-d10	13.967	164	5199	0.400	ng	0.00
19) Phenanthrene-d10	16.723	188	12295	0.400	ng	#-0.01
29) Chrysene-d12	20.974	240	12256	0.400	ng	# 0.00
35) Perylene-d12	23.064	264	12355	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.968	112	788	0.139	ng	0.00
5) Phenol-d6	6.513	99	712	0.104	ng	0.00
8) Nitrobenzene-d5	8.440	82	1471m	0.388	ng	0.00
11) 2-Methylnaphthalene-d10	11.656	152	3944	0.406	ng	0.00
14) 2,4,6-Tribromophenol	15.475	330	1651	0.447	ng	0.00
15) 2-Fluorobiphenyl	12.574	172	6613	0.336	ng	0.00
27) Fluoranthene-d10	18.785	212	16200	0.465	ng	0.00
31) Terphenyl-d14	19.412	244	12271	0.508	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.003	88	190	0.088	ng	# 72
9) Naphthalene	10.105	128	622	0.038	ng	# 71
34) Bis(2-ethylhexyl)phtha...	20.929	149	4900	0.289	ng	# 87

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

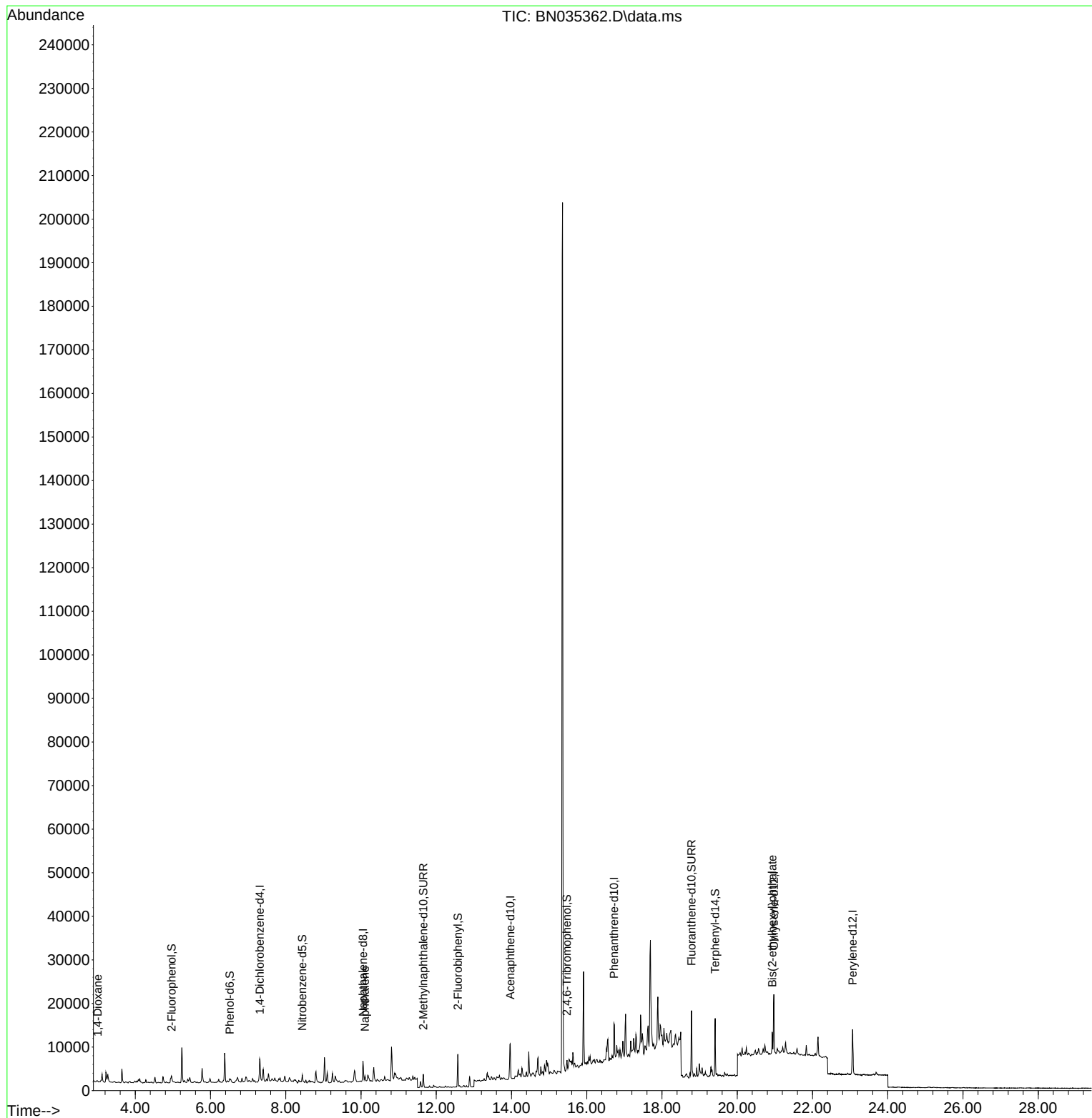
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112724\
Data File : BN035362.D
Acq On : 27 Nov 2024 23:20
Operator : RC/JU
Sample : P4969-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

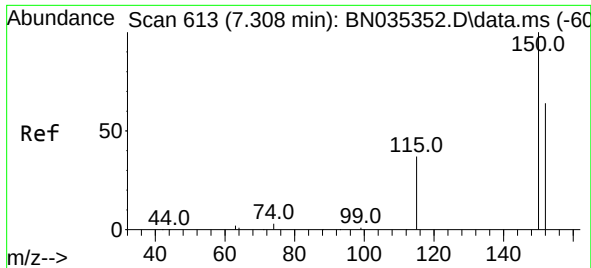
Instrument :
BNA_N
ClientSampleId :
TOWER-1

Quant Time: Nov 28 00:31:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 23:03:24 2024
Response via : Initial Calibration

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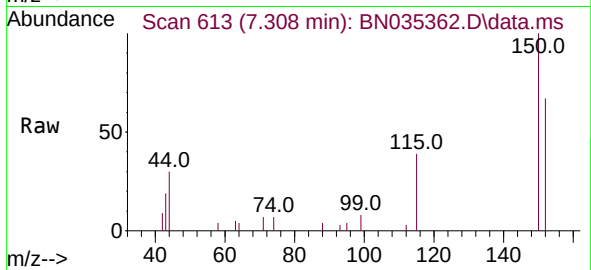
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 12/03/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.308 min Scan# 613
 Delta R.T. -0.000 min
 Lab File: BN035362.D
 Acq: 27 Nov 2024 23:20

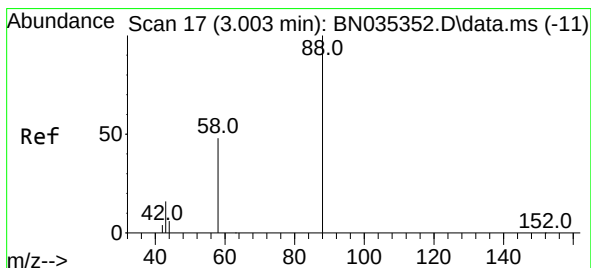
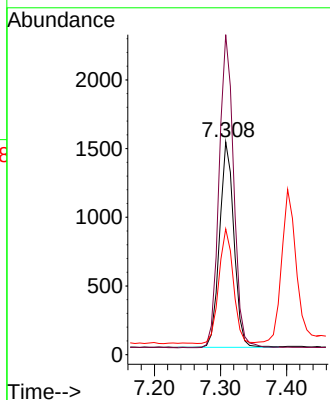
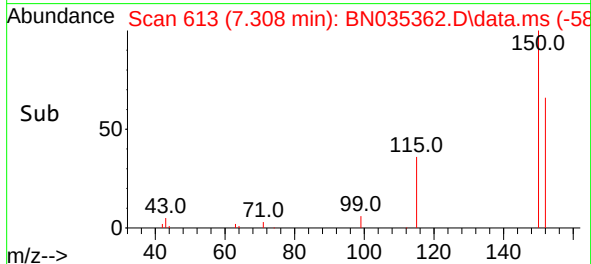
Instrument :
 BNA_N
 ClientSampleId :
 TOWER-1



Tgt Ion:152 Resp: 2270
 Ion Ratio Lower Upper
 152 100
 150 150.4 124.0 186.0
 115 59.1 49.6 74.4

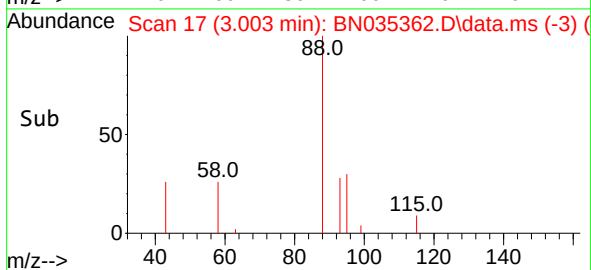
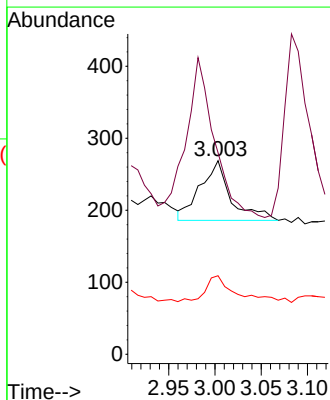
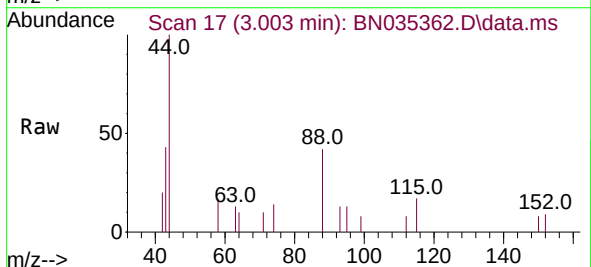
Manual Integrations
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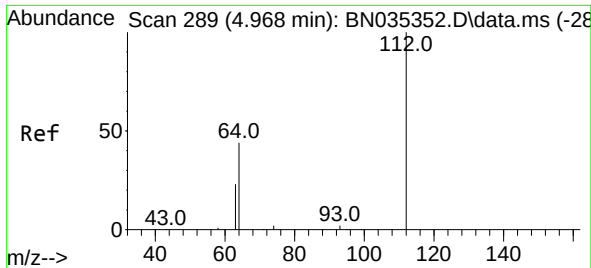
Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 12/03/2024



#2
 1,4-Dioxane
 Concen: 0.088 ng
 RT: 3.003 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN035362.D
 Acq: 27 Nov 2024 23:20

Tgt Ion: 88 Resp: 190
 Ion Ratio Lower Upper
 88 100
 43 0.0 17.2 25.8#
 58 40.0 44.5 66.7#





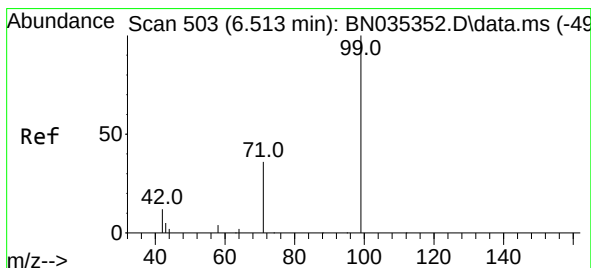
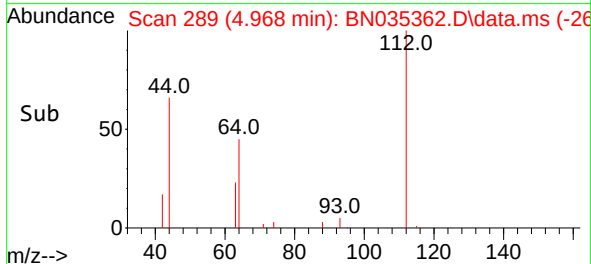
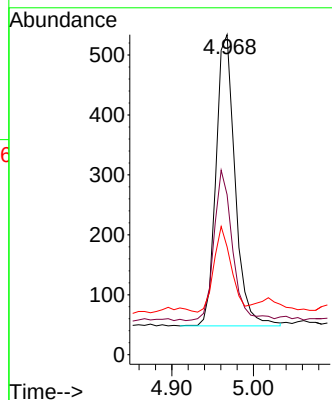
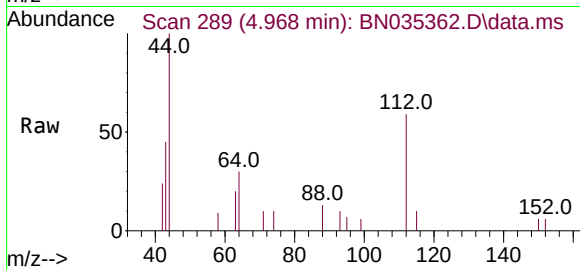
#4
2-Fluorophenol
Concen: 0.139 ng
RT: 4.968 min Scan# 289
Delta R.T. 0.000 min
Lab File: BN035362.D
Acq: 27 Nov 2024 23:20

Instrument :
BNA_N
ClientSampleId :
TOWER-1

Tgt Ion: 112 Resp: 788
Ion Ratio Lower Upper
112 100
64 50.1 39.8 59.8
63 27.3 21.0 31.6

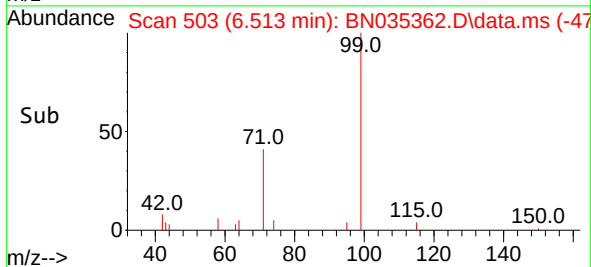
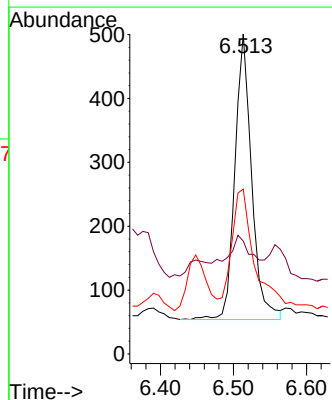
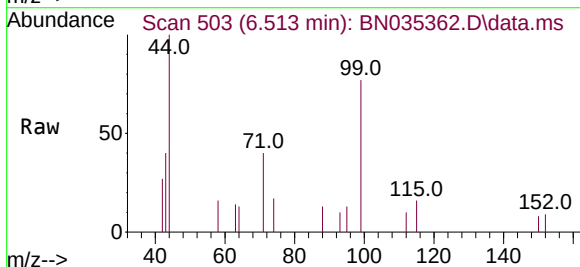
Manual Integrations
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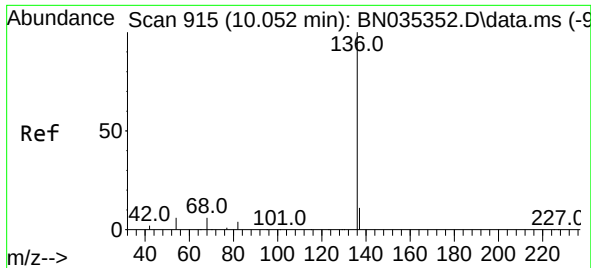
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 12/03/2024



#5
Phenol-d6
Concen: 0.104 ng
RT: 6.513 min Scan# 503
Delta R.T. 0.000 min
Lab File: BN035362.D
Acq: 27 Nov 2024 23:20

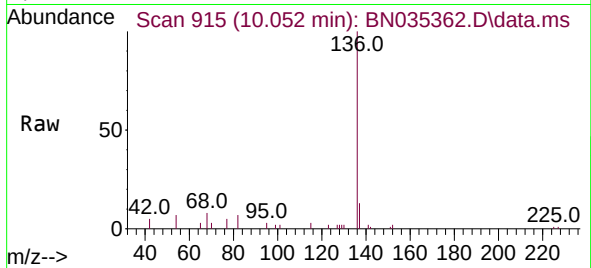
Tgt Ion: 99 Resp: 712
Ion Ratio Lower Upper
99 100
42 19.4 11.4 17.2#
71 57.9 29.3 43.9#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.052 min Scan# 915
Delta R.T. 0.000 min
Lab File: BN035362.D
Acq: 27 Nov 2024 23:20

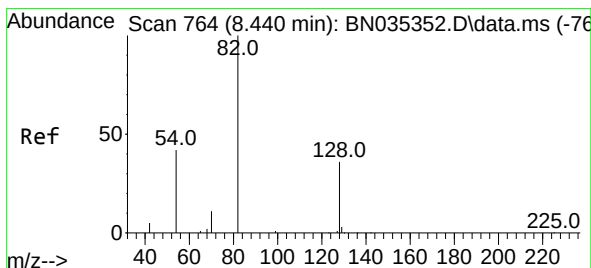
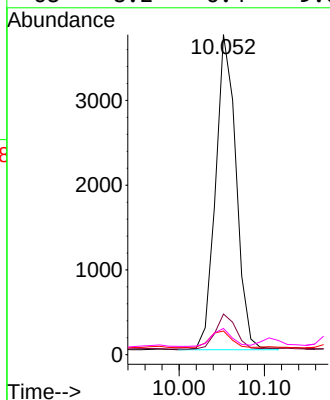
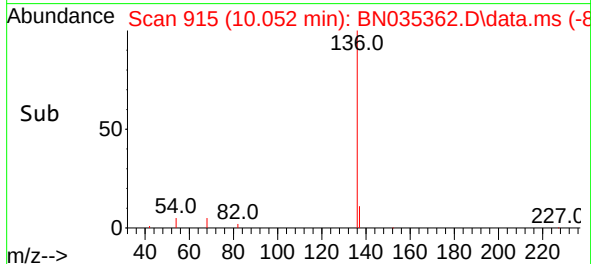
Instrument :
BNA_N
ClientSampleId :
TOWER-1



Tgt Ion:	136	Resp:	6204
Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.2	15.2
54	7.4	6.1	9.1
68	8.2	6.4	9.6

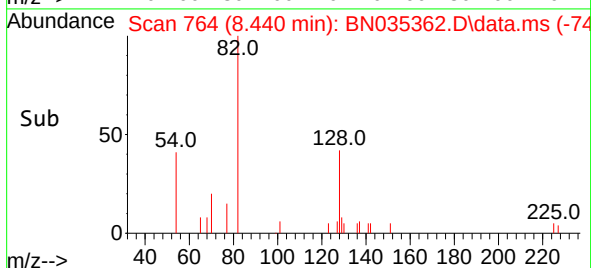
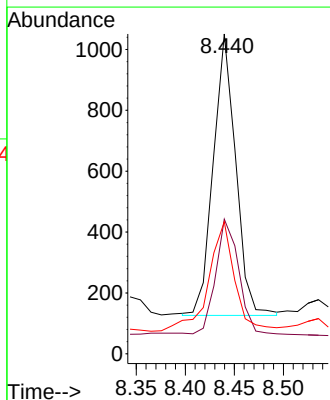
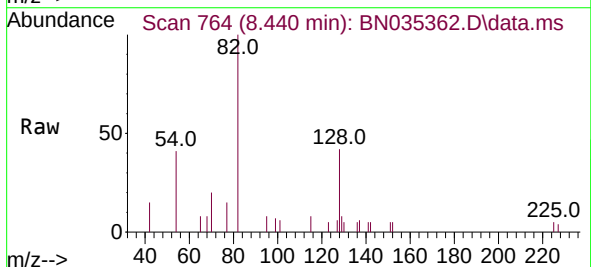
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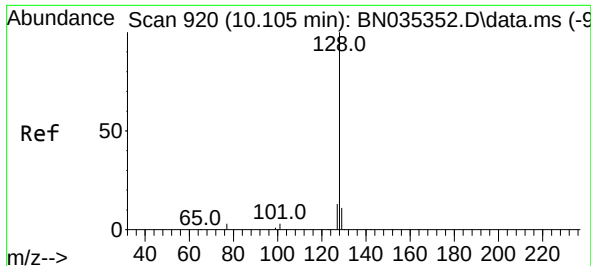
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 12/03/2024



#8
Nitrobenzene-d5
Concen: 0.388 ng m
RT: 8.440 min Scan# 764
Delta R.T. 0.000 min
Lab File: BN035362.D
Acq: 27 Nov 2024 23:20

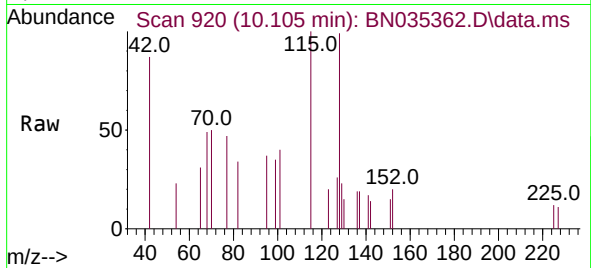
Tgt Ion:	82	Resp:	1471
Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.4	50.0
54	41.3	36.7	55.1





#9
Naphthalene
Concen: 0.038 ng
RT: 10.105 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN035362.D
Acq: 27 Nov 2024 23:20

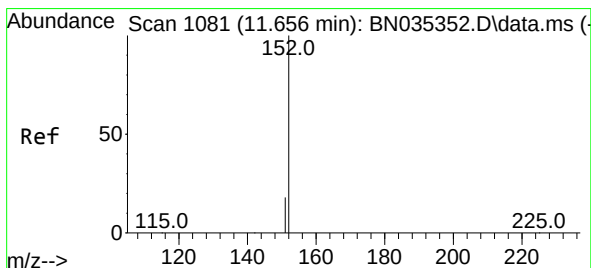
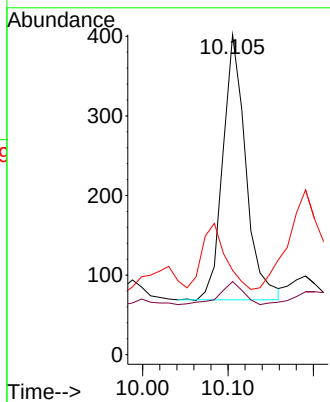
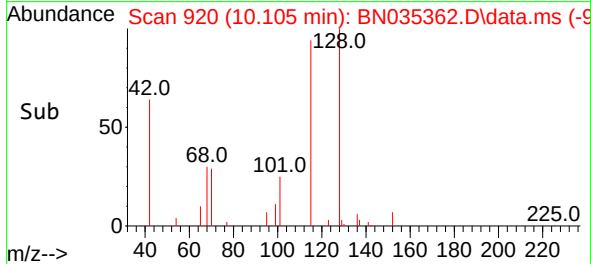
Instrument :
BNA_N
ClientSampleId :
TOWER-1



Tgt Ion:128 Resp: 62
Ion Ratio Lower Upper
128 100
129 22.9 9.8 14.6
127 26.4 11.4 17.2

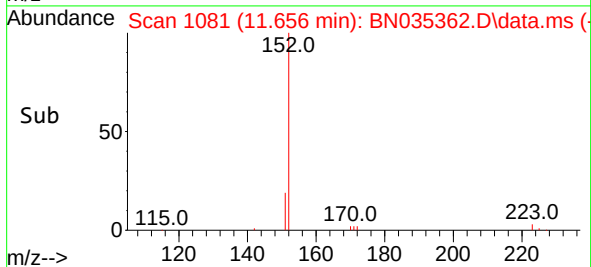
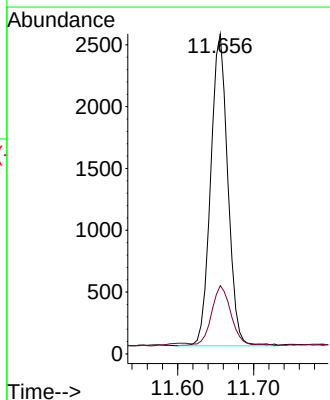
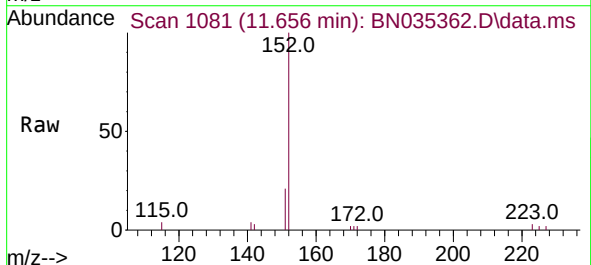
Manual Integrations
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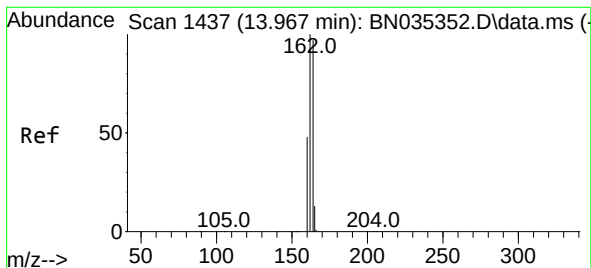
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 12/03/2024



#11
2-Methylnaphthalene-d10
Concen: 0.406 ng
RT: 11.656 min Scan# 1081
Delta R.T. 0.000 min
Lab File: BN035362.D
Acq: 27 Nov 2024 23:20

Tgt Ion:152 Resp: 3944
Ion Ratio Lower Upper
152 100
151 20.9 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.967 min Scan# 1437

Delta R.T. 0.000 min

Lab File: BN035362.D

Acq: 27 Nov 2024 23:20

Instrument :

BNA_N

ClientSampleId :

TOWER-1

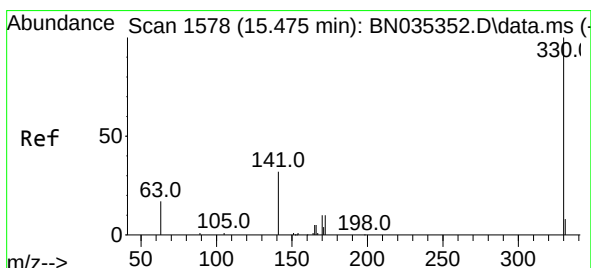
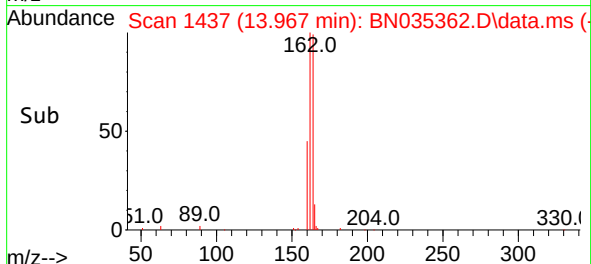
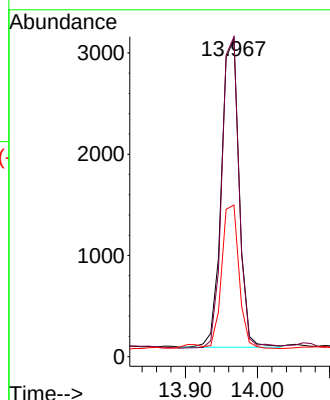
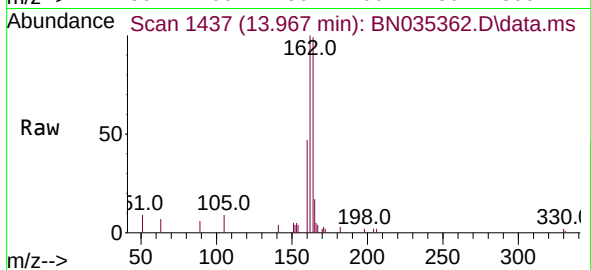
Tgt Ion:164	Resp:	519
Ion Ratio	Lower	Upper
164	100	
162	100.7	82.2 123.2
160	47.7	40.1 60.1

Manual Integrations

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Supervised By :mohammad ahmed 12/03/2024



#14

2,4,6-Tribromophenol

Concen: 0.447 ng

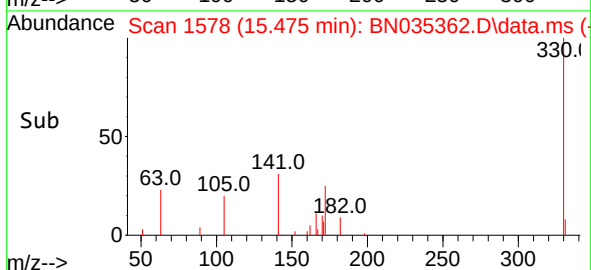
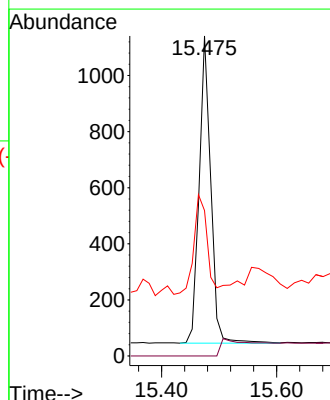
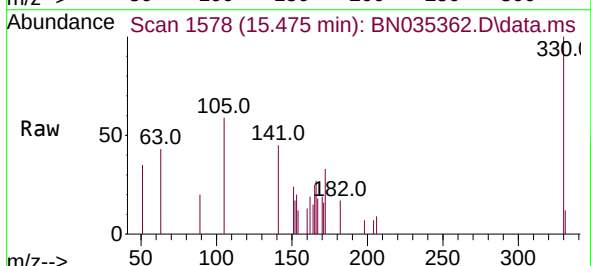
RT: 15.475 min Scan# 1578

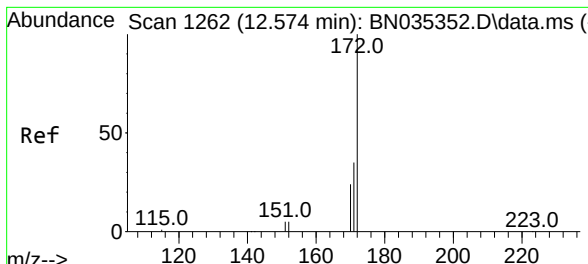
Delta R.T. 0.000 min

Lab File: BN035362.D

Acq: 27 Nov 2024 23:20

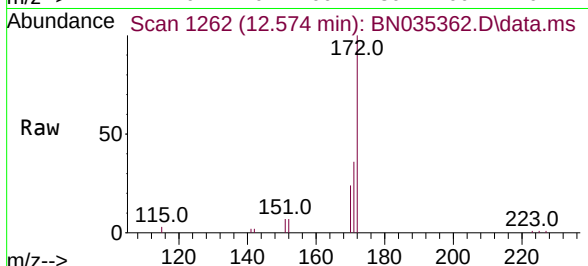
Tgt Ion:330	Resp:	1651
Ion Ratio	Lower	Upper
330	100	
332	0.0	0.0 0.0
141	37.9	26.6 40.0





#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 12.574 min Scan# 15
Delta R.T. 0.000 min
Lab File: BN035362.D
Acq: 27 Nov 2024 23:20

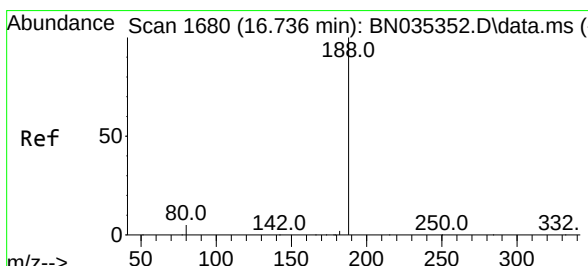
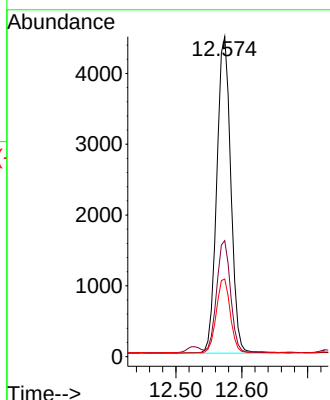
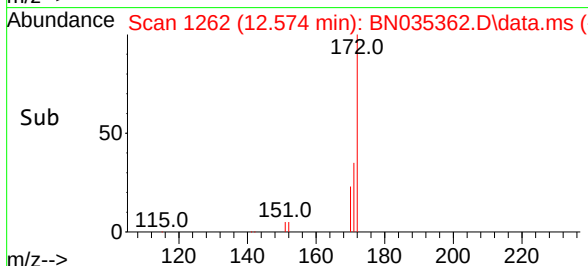
Instrument :
BNA_N
ClientSampleId :
TOWER-1



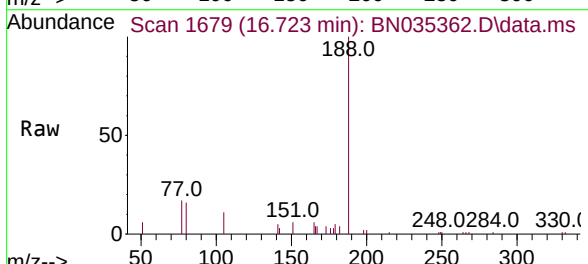
Tgt Ion:172 Resp: 661
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.3 19.8 29.8

Manual Integrations
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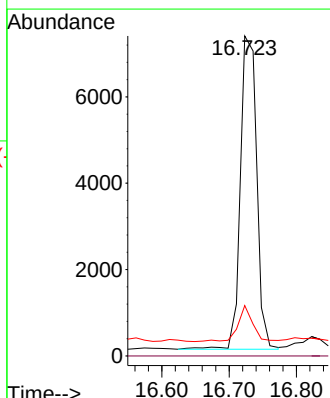
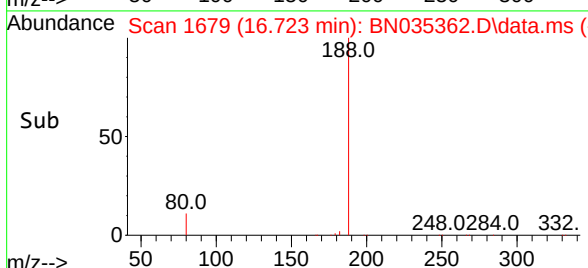
Reviewed By :Yogesh Patel 11/29/2024
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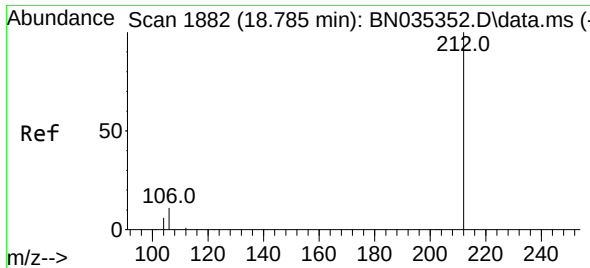


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.723 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BN035362.D
Acq: 27 Nov 2024 23:20



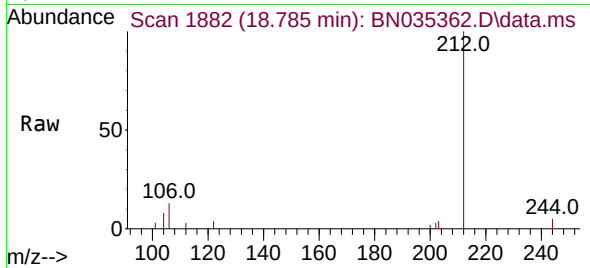
Tgt Ion:188 Resp: 12295
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.7 4.6 6.8#





#27
Fluoranthene-d10
Concen: 0.465 ng
RT: 18.785 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BN035362.D
Acq: 27 Nov 2024 23:20

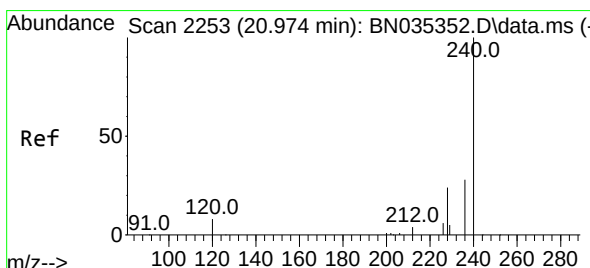
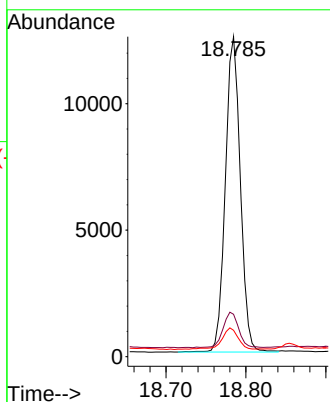
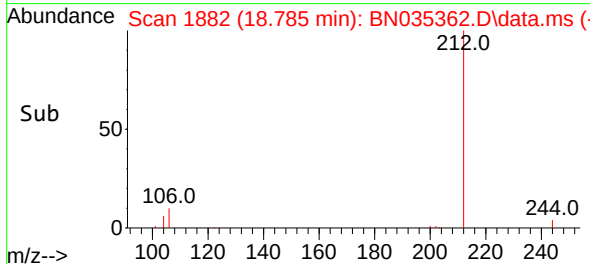
Instrument :
BNA_N
ClientSampleId :
TOWER-1



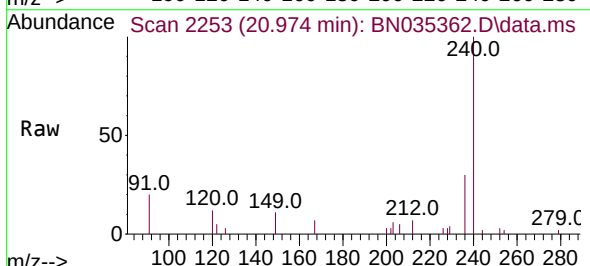
Tgt Ion:212 Resp: 16200
Ion Ratio Lower Upper
212 100
106 11.7 9.2 13.8
104 7.5 5.3 7.9

Manual Integrations
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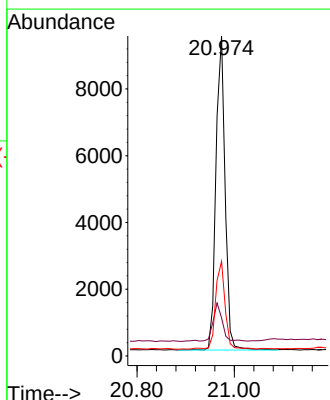
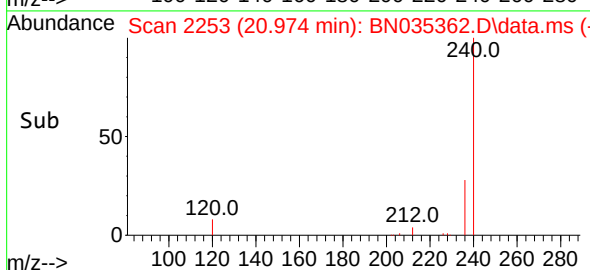
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 12/03/2024

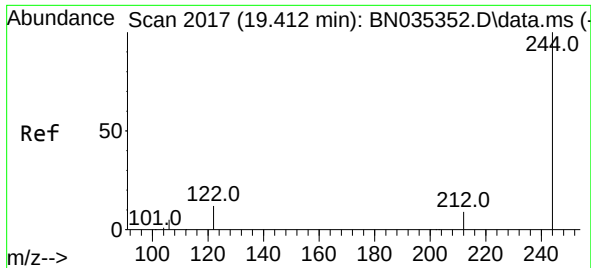


#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.974 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BN035362.D
Acq: 27 Nov 2024 23:20



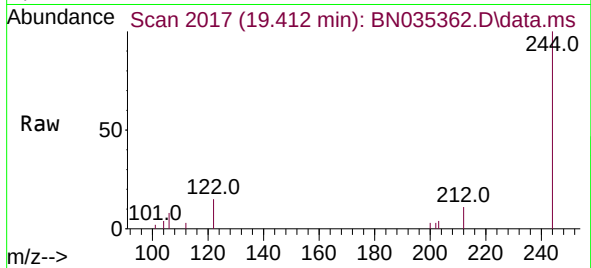
Tgt Ion:240 Resp: 12256
Ion Ratio Lower Upper
240 100
120 11.9 7.9 11.9#
236 29.6 22.9 34.3





#31
 Terphenyl-d14
 Concen: 0.508 ng
 RT: 19.412 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: BN035362.D
 Acq: 27 Nov 2024 23:20

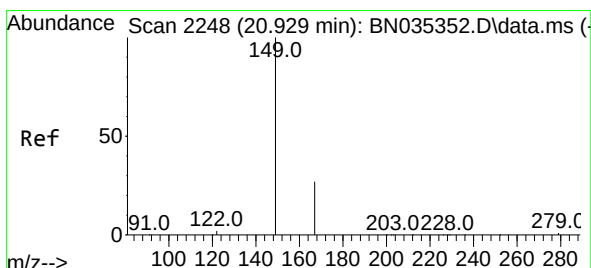
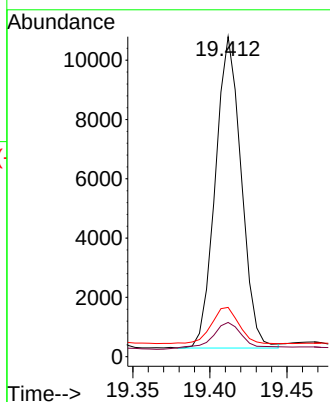
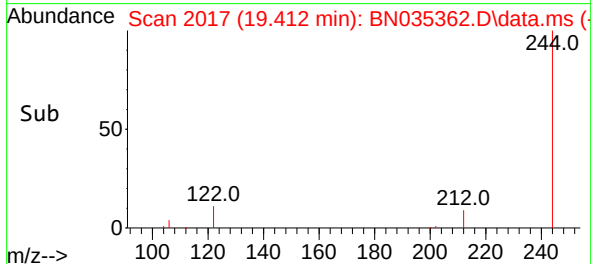
Instrument :
 BNA_N
 ClientSampleId :
 TOWER-1



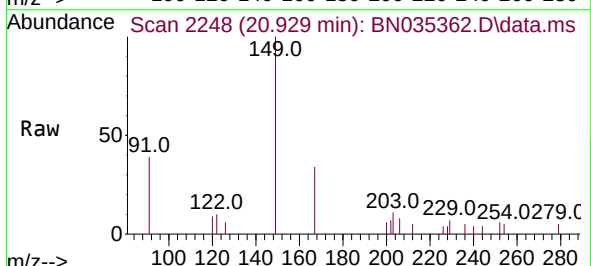
Tgt Ion:244 Resp: 1227
 Ion Ratio Lower Upper
 244 100
 212 10.7 8.1 12.1
 122 15.4 10.3 15.5

Manual Integrations
 APPROVED

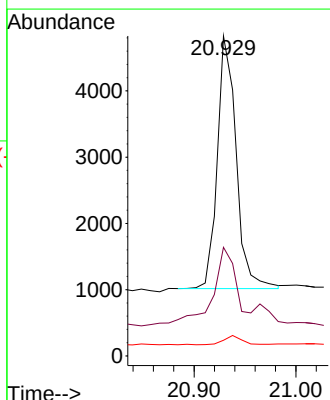
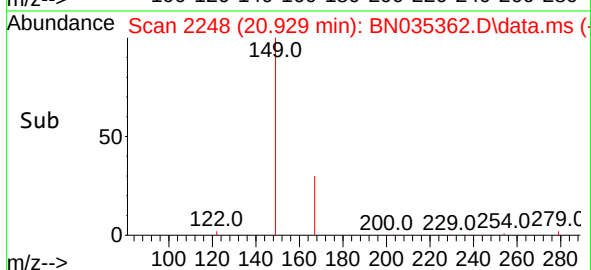
Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 12/03/2024

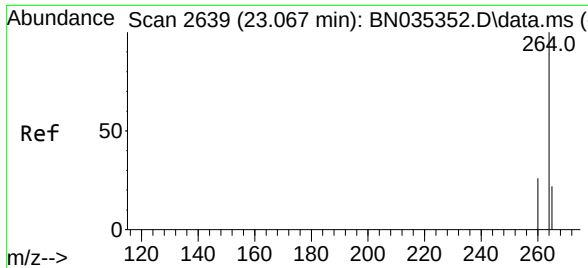


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.289 ng
 RT: 20.929 min Scan# 2248
 Delta R.T. 0.000 min
 Lab File: BN035362.D
 Acq: 27 Nov 2024 23:20



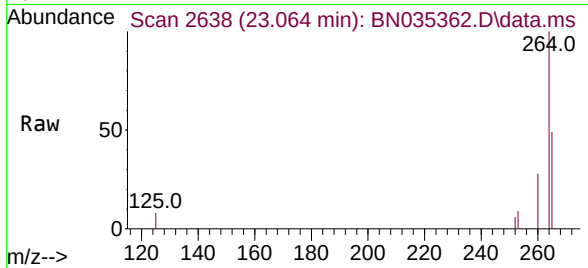
Tgt Ion:149 Resp: 4900
 Ion Ratio Lower Upper
 149 100
 167 35.4 22.2 33.4#
 279 3.4 2.7 4.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.064 min Scan# 20
Delta R.T. -0.003 min
Lab File: BN035362.D
Acq: 27 Nov 2024 23:20

Instrument :
BNA_N
ClientSampleId :
TOWER-1



Tgt Ion:264 Resp: 1235
Ion Ratio Lower Upper
264 100
260 27.6 21.4 32.2
265 48.9 40.2 60.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 12/03/2024

