

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
 Data File : BN028364.D
 Acq On : 24 Oct 2023 02:49
 Operator : MA/JU
 Sample : 04913-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-35D

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/24/2023
 Supervised By :mohammad ahmed 10/25/2023

Quant Time: Oct 24 04:08:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:14:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.885	152	3535	0.400	ng	0.00
7) Naphthalene-d8	10.714	136	12185	0.400	ng	0.01
13) Acenaphthene-d10	14.533	164	7734	0.400	ng	0.00
19) Phenanthrene-d10	17.294	188	17652	0.400	ng	# 0.00
29) Chrysene-d12	21.479	240	17426	0.400	ng	0.00
35) Perylene-d12	23.920	264	15837	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.430	112	1385	0.126	ng	0.00
5) Phenol-d6	7.127	99	902m	0.067	ng	0.07
8) Nitrobenzene-d5	9.123	82	3228	0.299	ng	0.02
11) 2-Methylnaphthalene-d10	12.302	152	6878	0.375	ng	0.00
14) 2,4,6-Tribromophenol	16.052	330	1098	0.291	ng	-0.01
15) 2-Fluorobiphenyl	13.165	172	10337	0.380	ng	0.00
27) Fluoranthene-d10	19.318	212	20648	0.437	ng	0.00
31) Terphenyl-d14	19.904	244	17580	0.475	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	132	0.031	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.336	149	2743	0.058	ng	95

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

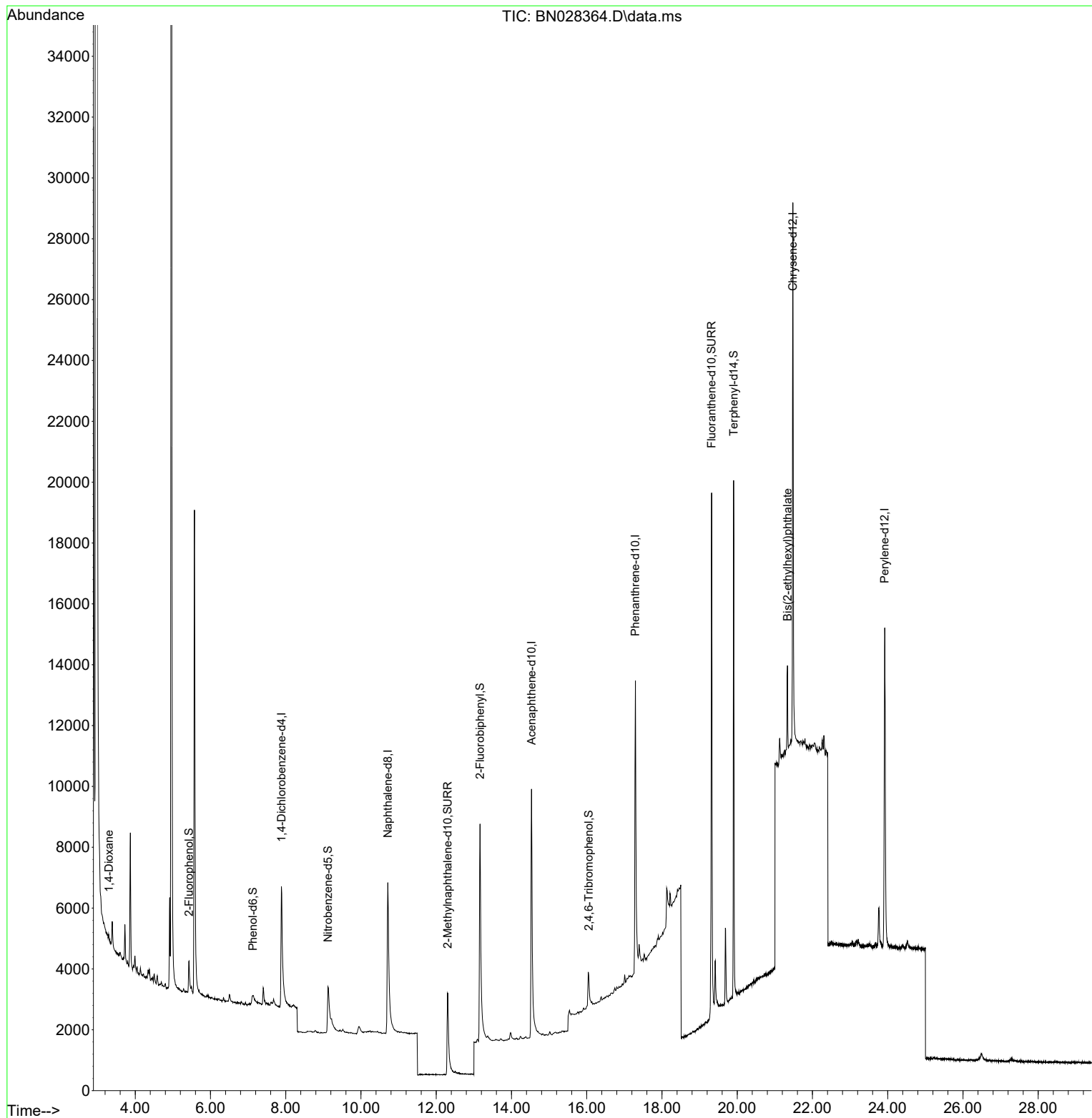
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
Data File : BN028364.D
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Operator : MA/JU
Sample : 04913-03
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ALS Vial : 23 Sample Multiplier: 1

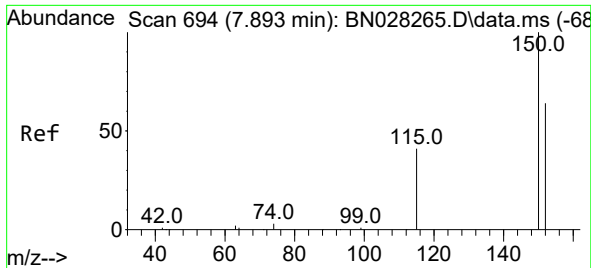
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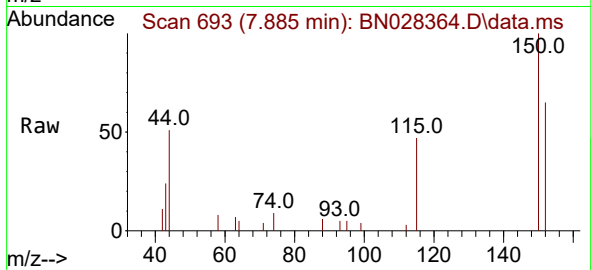
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.885 min Scan# 694
 Delta R.T. 0.007 min
 Lab File: BN028364.D
 Acq: 24 Oct 2023 02:49

Instrument :

BNA_N

ClientSampleId :

MW-35D



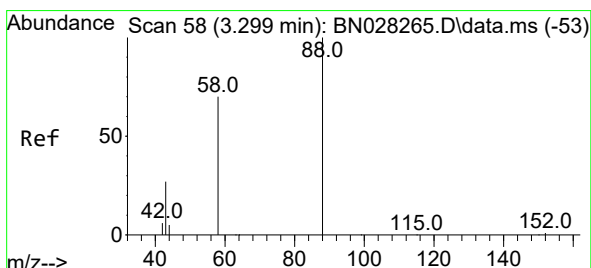
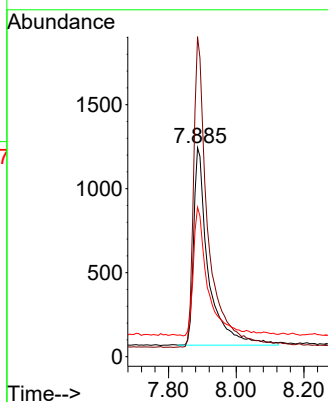
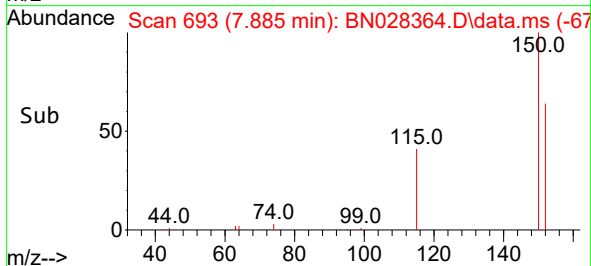
Tgt Ion:152 Resp: 353
 Ion Ratio Lower Upper
 152 100
 150 153.1 121.6 182.4
 115 71.5 54.3 81.5

Manual Integrations

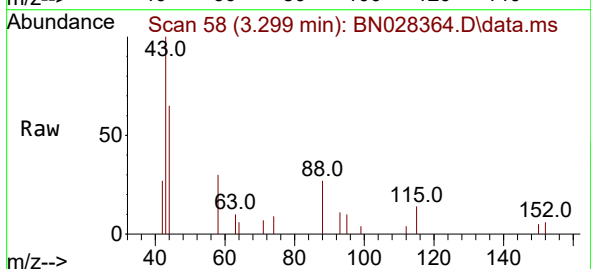
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Reviewed By :Yogesh Patel 10/24/2023

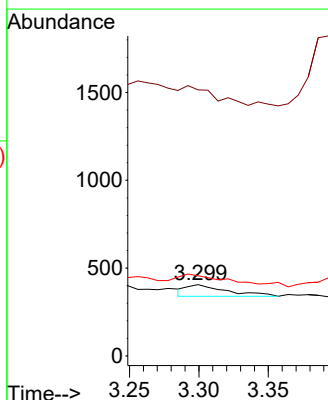
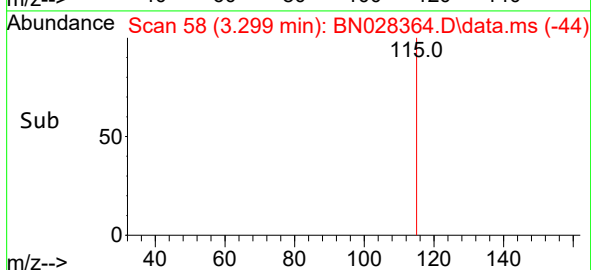
Supervised By :mohammad ahmed 10/25/2023

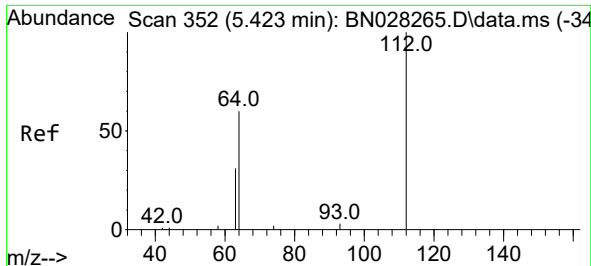


#2
 1,4-Dioxane
 Concen: 0.031 ng
 RT: 3.299 min Scan# 58
 Delta R.T. -0.000 min
 Lab File: BN028364.D
 Acq: 24 Oct 2023 02:49



Tgt Ion: 88 Resp: 132
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.6 39.8#
 58 75.8 55.4 83.0





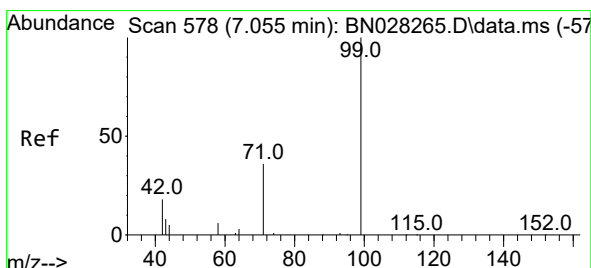
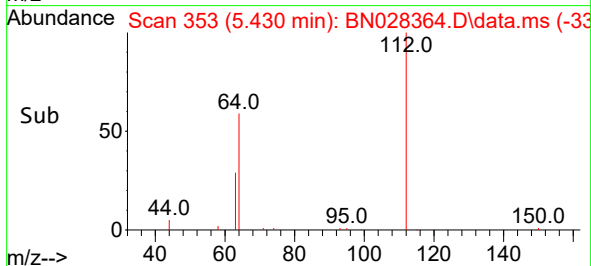
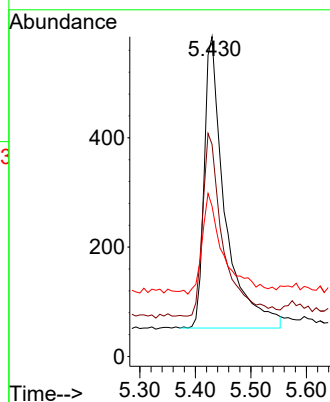
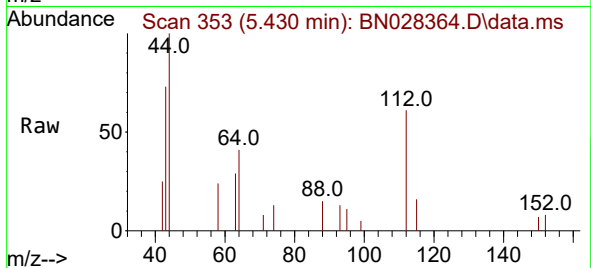
#4
2-Fluorophenol
Concen: 0.126 ng
RT: 5.430 min Scan# 352
Delta R.T. -0.000 min
Lab File: BN028364.D
Acq: 24 Oct 2023 02:49

Instrument :
BNA_N
ClientSampleId :
MW-35D

Tgt Ion: 112 Resp: 138
Ion Ratio Lower Upper
112 100
64 62.5 46.9 70.3
63 35.5 25.0 37.4

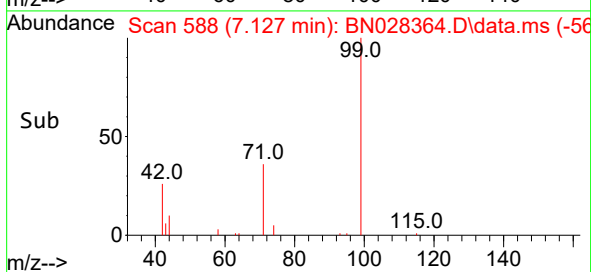
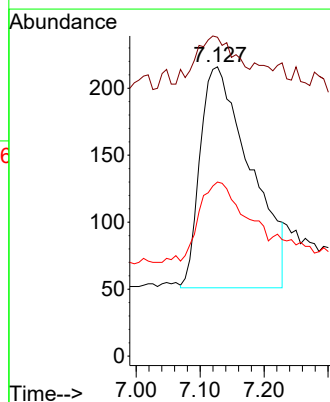
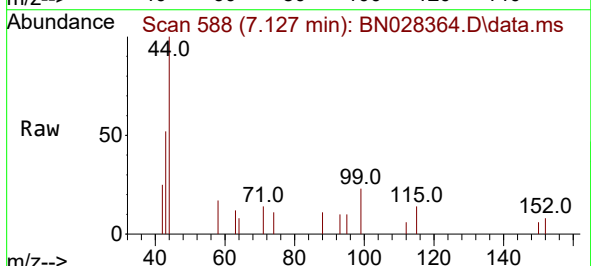
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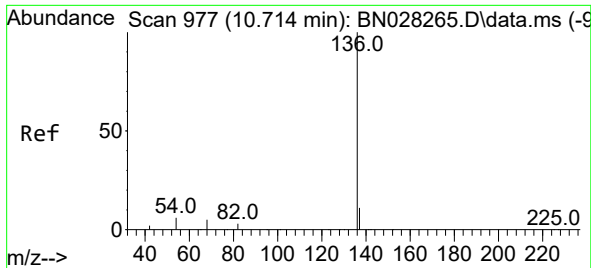
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#5
Phenol-d6
Concen: 0.067 ng m
RT: 7.127 min Scan# 588
Delta R.T. 0.072 min
Lab File: BN028364.D
Acq: 24 Oct 2023 02:49

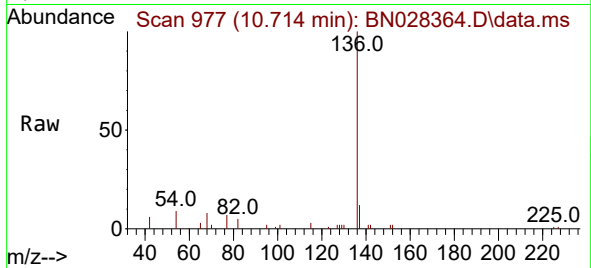
Tgt Ion: 99 Resp: 902
Ion Ratio Lower Upper
99 100
42 16.9 15.9 23.9
71 30.9 28.6 42.8





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.714 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN028364.D
Acq: 24 Oct 2023 02:49

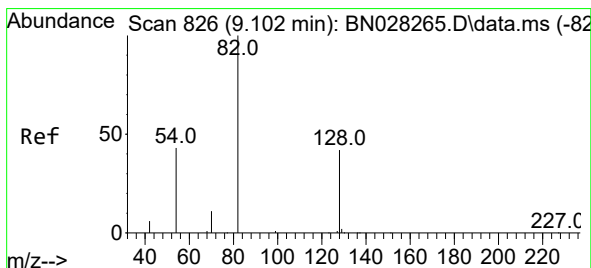
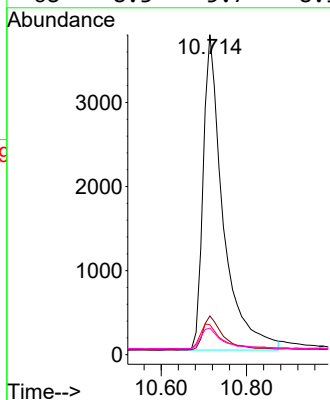
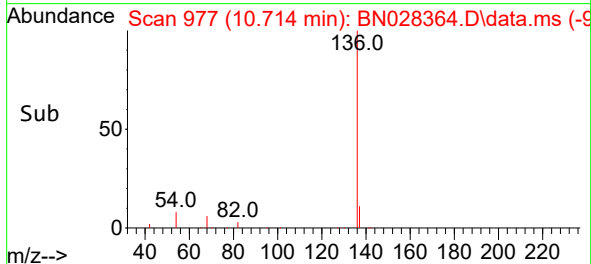
Instrument :
BNA_N
ClientSampleId :
MW-35D



Tgt Ion:	136	Resp:	1218
Ion Ratio	Lower	Upper	
136	100		
137	12.1	9.8	14.8
54	9.4	6.2	9.4
68	8.3	5.7	8.5

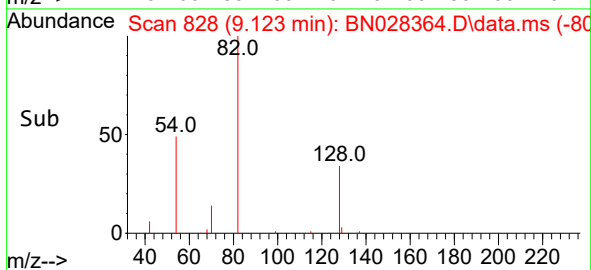
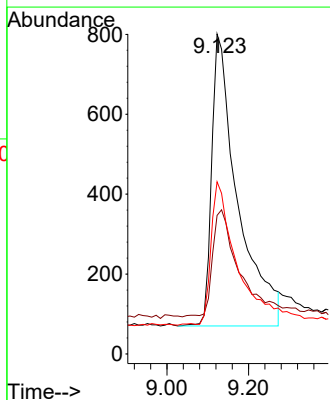
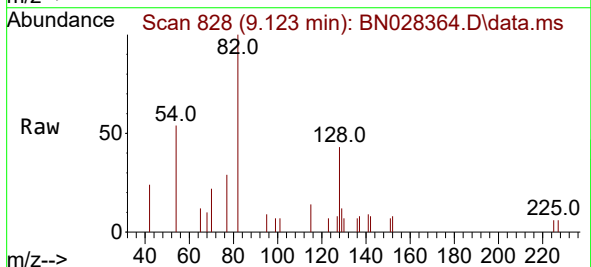
Manual Integrations
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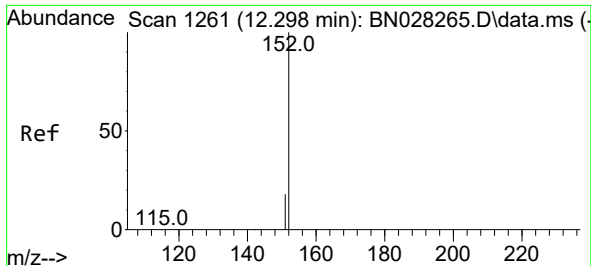
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 9.123 min Scan# 828
Delta R.T. 0.021 min
Lab File: BN028364.D
Acq: 24 Oct 2023 02:49

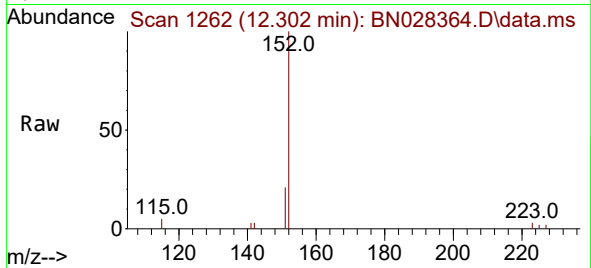
Tgt Ion:	82	Resp:	3228
Ion Ratio	Lower	Upper	
82	100		
128	43.3	36.8	55.2
54	53.8	37.4	56.2





#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.302 min Scan# 11
Delta R.T. 0.008 min
Lab File: BN028364.D
Acq: 24 Oct 2023 02:49

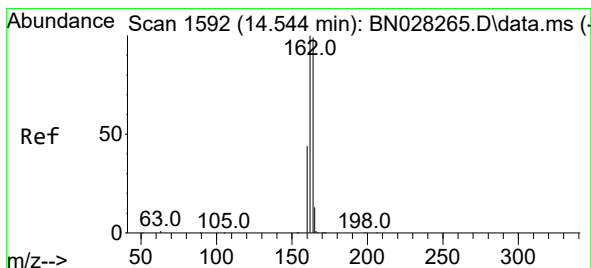
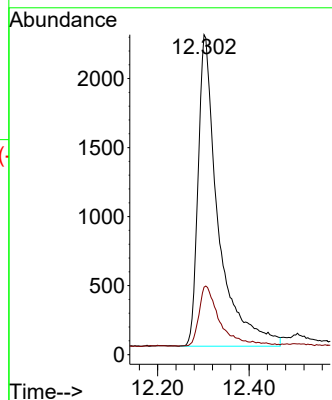
Instrument :
BNA_N
ClientSampleId :
MW-35D



Tgt Ion:152 Resp: 6878
Ion Ratio Lower Upper
152 100
151 19.1 16.1 24.1

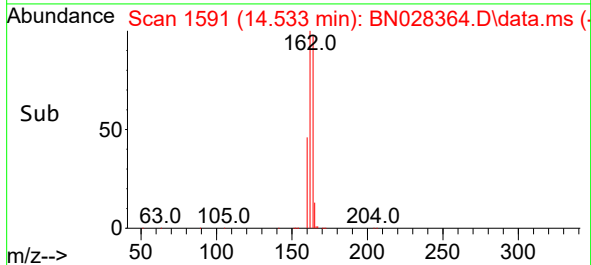
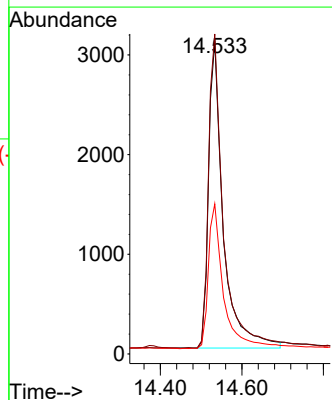
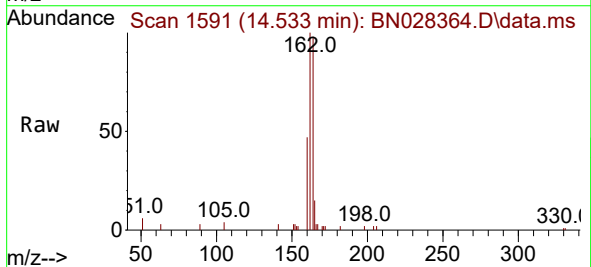
Manual Integrations
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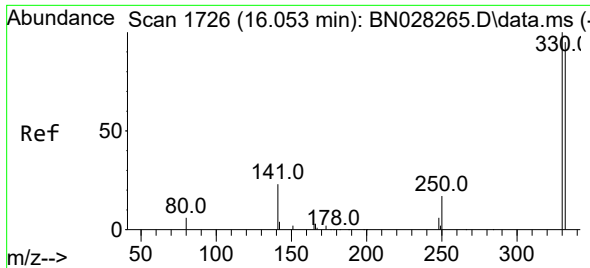
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.533 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN028364.D
Acq: 24 Oct 2023 02:49

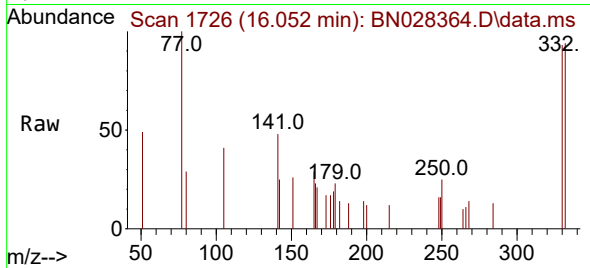
Tgt Ion:164 Resp: 7734
Ion Ratio Lower Upper
164 100
162 102.3 81.1 121.7
160 48.0 36.6 54.8





#14
2,4,6-Tribromophenol
Concen: 0.291 ng
RT: 16.052 min Scan# 1726
Delta R.T. -0.012 min
Lab File: BN028364.D
Acq: 24 Oct 2023 02:49

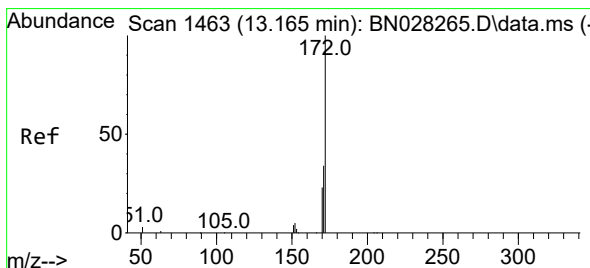
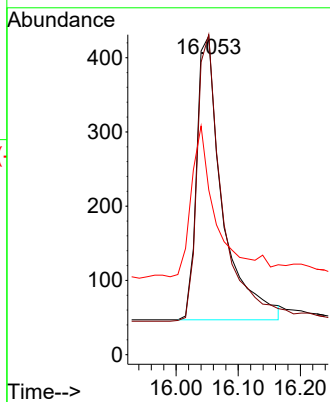
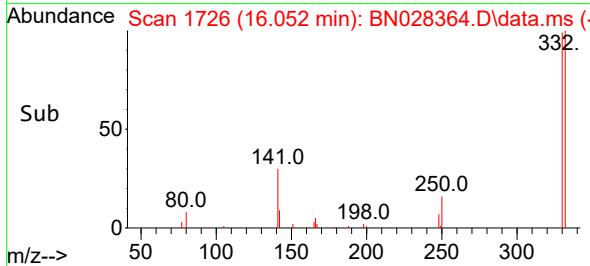
Instrument :
BNA_N
ClientSampleId :
MW-35D



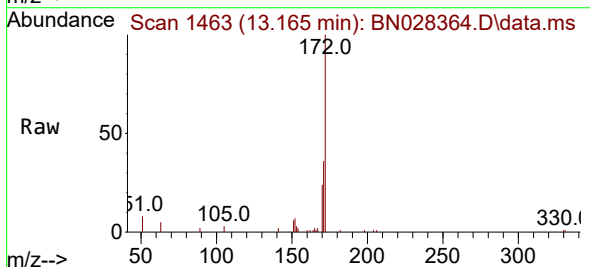
Tgt Ion: 330 Resp: 1098
Ion Ratio Lower Upper
330 100
332 99.2 74.1 111.1
141 52.4 32.1 48.1

Manual Integrations
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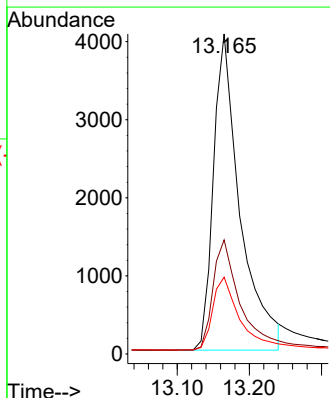
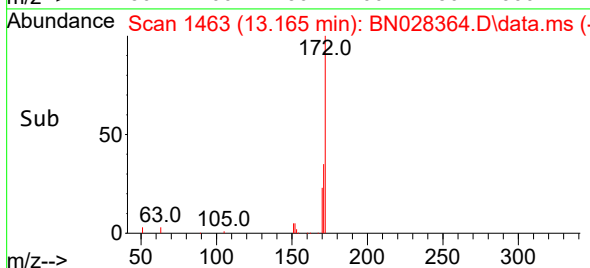
Reviewed By : Yogesh Patel 10/24/2023
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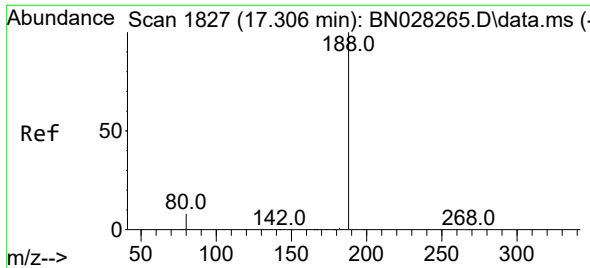


#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.165 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BN028364.D
Acq: 24 Oct 2023 02:49



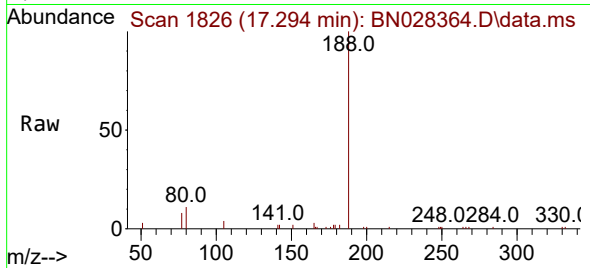
Tgt Ion: 172 Resp: 10337
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 24.0 18.7 28.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.294 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN028364.D
Acq: 24 Oct 2023 02:49

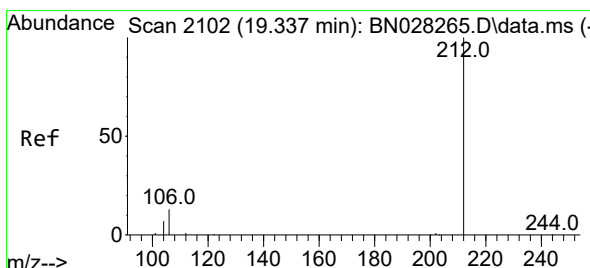
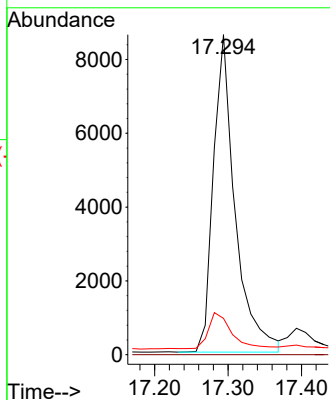
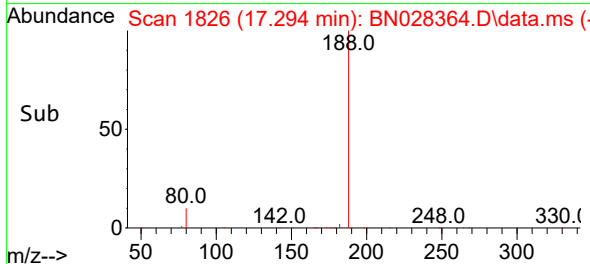
Instrument :
BNA_N
ClientSampleId :
MW-35D



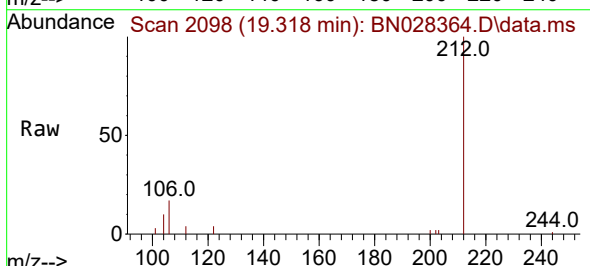
Tgt Ion:188 Resp: 1765
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 7.1 10.7

Manual Integrations
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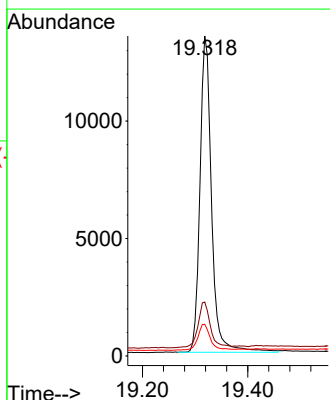
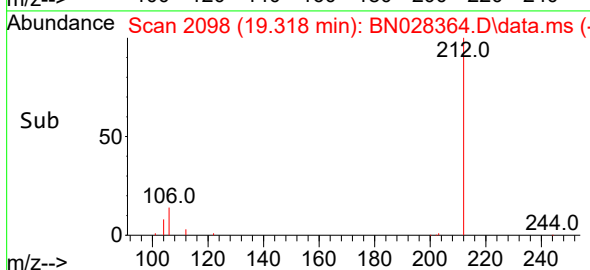
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

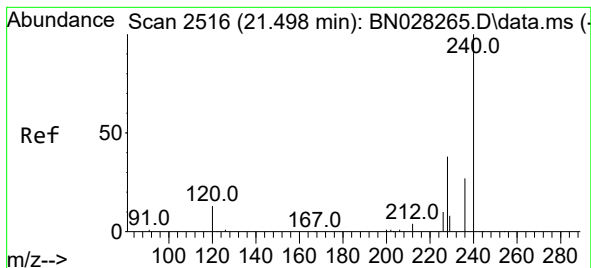


#27
Fluoranthene-d10
Concen: 0.437 ng
RT: 19.318 min Scan# 2098
Delta R.T. -0.009 min
Lab File: BN028364.D
Acq: 24 Oct 2023 02:49



Tgt Ion:212 Resp: 20648
Ion Ratio Lower Upper
212 100
106 15.6 11.5 17.3
104 9.1 6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.479 min Scan# 2147

Delta R.T. -0.009 min

Lab File: BN028364.D

Acq: 24 Oct 2023 02:49

Instrument :

BNA_N

ClientSampleId :

MW-35D

Tgt Ion:240 Resp: 17420

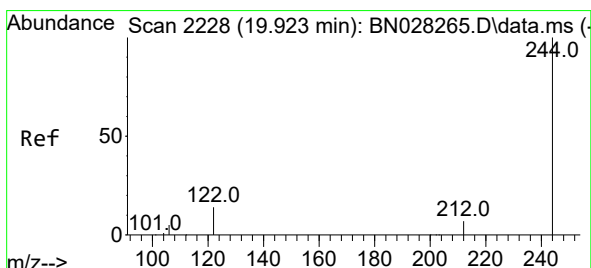
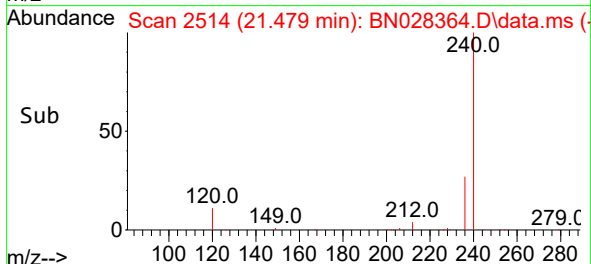
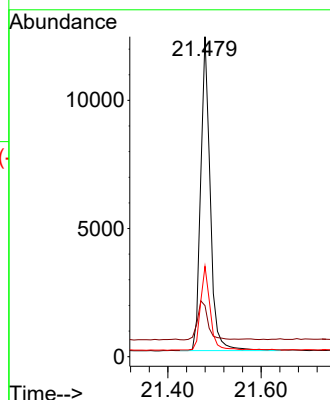
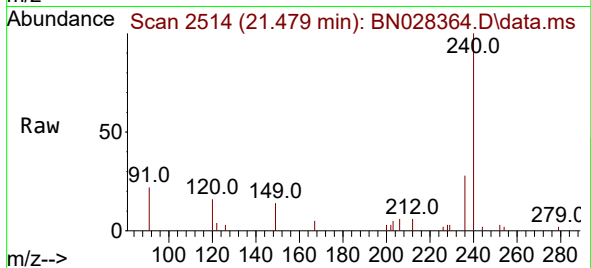
Ion	Ratio	Lower	Upper
240	100		
120	16.0	13.4	20.0
236	28.2	22.7	34.1

Manual Integrations

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Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#31

Terphenyl-d14

Concen: 0.475 ng

RT: 19.904 min Scan# 2224

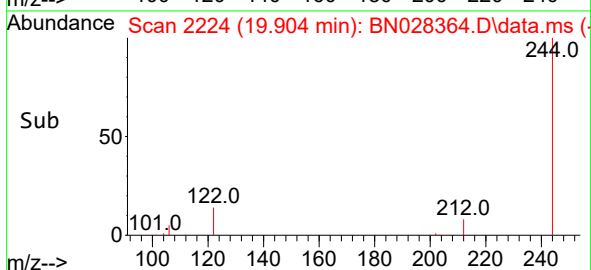
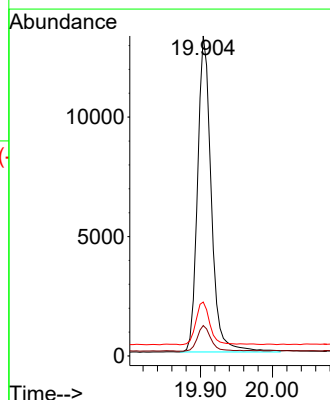
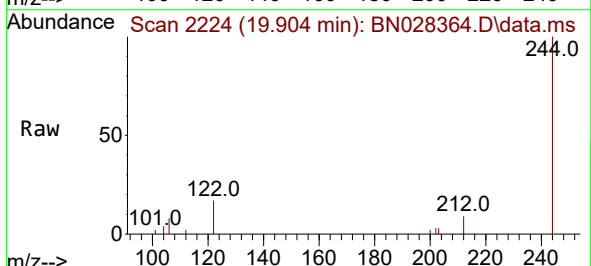
Delta R.T. -0.014 min

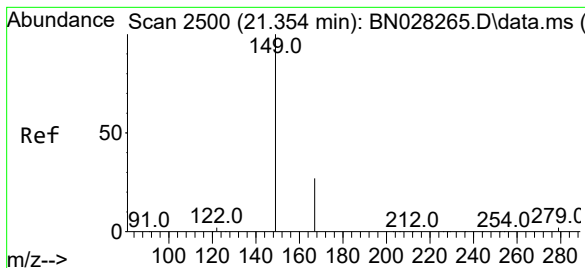
Lab File: BN028364.D

Acq: 24 Oct 2023 02:49

Tgt Ion:244 Resp: 17580

Ion	Ratio	Lower	Upper
244	100		
212	9.5	6.6	10.0
122	16.9	11.7	17.5





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.058 ng

RT: 21.336 min Scan# 2498

Delta R.T. -0.009 min

Lab File: BN028364.D

Acq: 24 Oct 2023 02:49

Instrument :

BNA_N

ClientSampleId :

MW-35D

Tgt Ion:149 Resp: 274

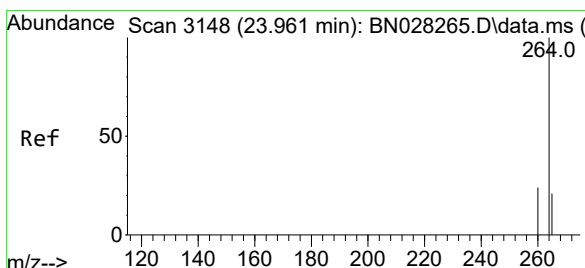
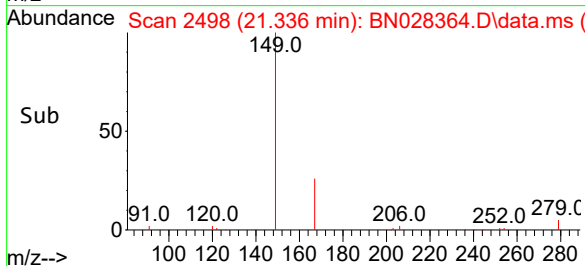
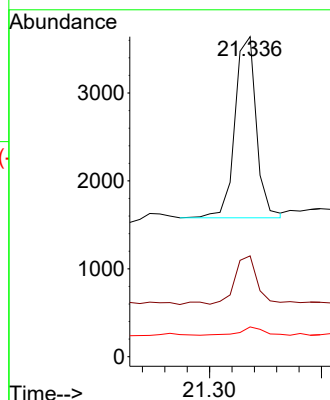
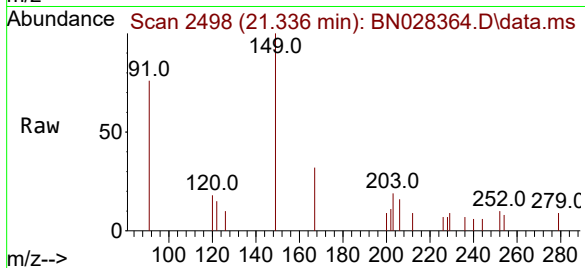
Ion	Ratio	Lower	Upper
149	100		
167	31.2	22.6	34.0
279	4.8	4.2	6.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.920 min Scan# 3134

Delta R.T. -0.018 min

Lab File: BN028364.D

Acq: 24 Oct 2023 02:49

Tgt Ion:264 Resp: 15837

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.7	31.1
265	54.2	38.3	57.5

