

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
 Data File : BN028363.D
 Acq On : 24 Oct 2023 02:13
 Operator : MA/JU
 Sample : 04913-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-49I

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 03:23:32 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	7.886	152	3307	0.400	ng	0.00
7) Naphthalene-d8	10.714	136	11655	0.400	ng	# 0.01
13) Acenaphthene-d10	14.534	164	7468	0.400	ng	0.00
19) Phenanthrene-d10	17.294	188	16749	0.400	ng	# 0.00
29) Chrysene-d12	21.480	240	16037	0.400	ng	0.00
35) Perylene-d12	23.923	264	13754	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.430	112	1211	0.118	ng	0.00
5) Phenol-d6	7.113	99	839m	0.066	ng	0.06
8) Nitrobenzene-d5	9.123	82	2976	0.288	ng	0.02
11) 2-Methylnaphthalene-d10	12.305	152	6546	0.374	ng	0.01
14) 2,4,6-Tribromophenol	16.053	330	1070	0.294	ng	-0.01
15) 2-Fluorobiphenyl	13.165	172	9609	0.366	ng	0.00
27) Fluoranthene-d10	19.319	212	20445	0.456	ng	0.00
31) Terphenyl-d14	19.909	244	17940	0.527	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.292	88	1339	0.335	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.336	149	3417	0.079	ng	97

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

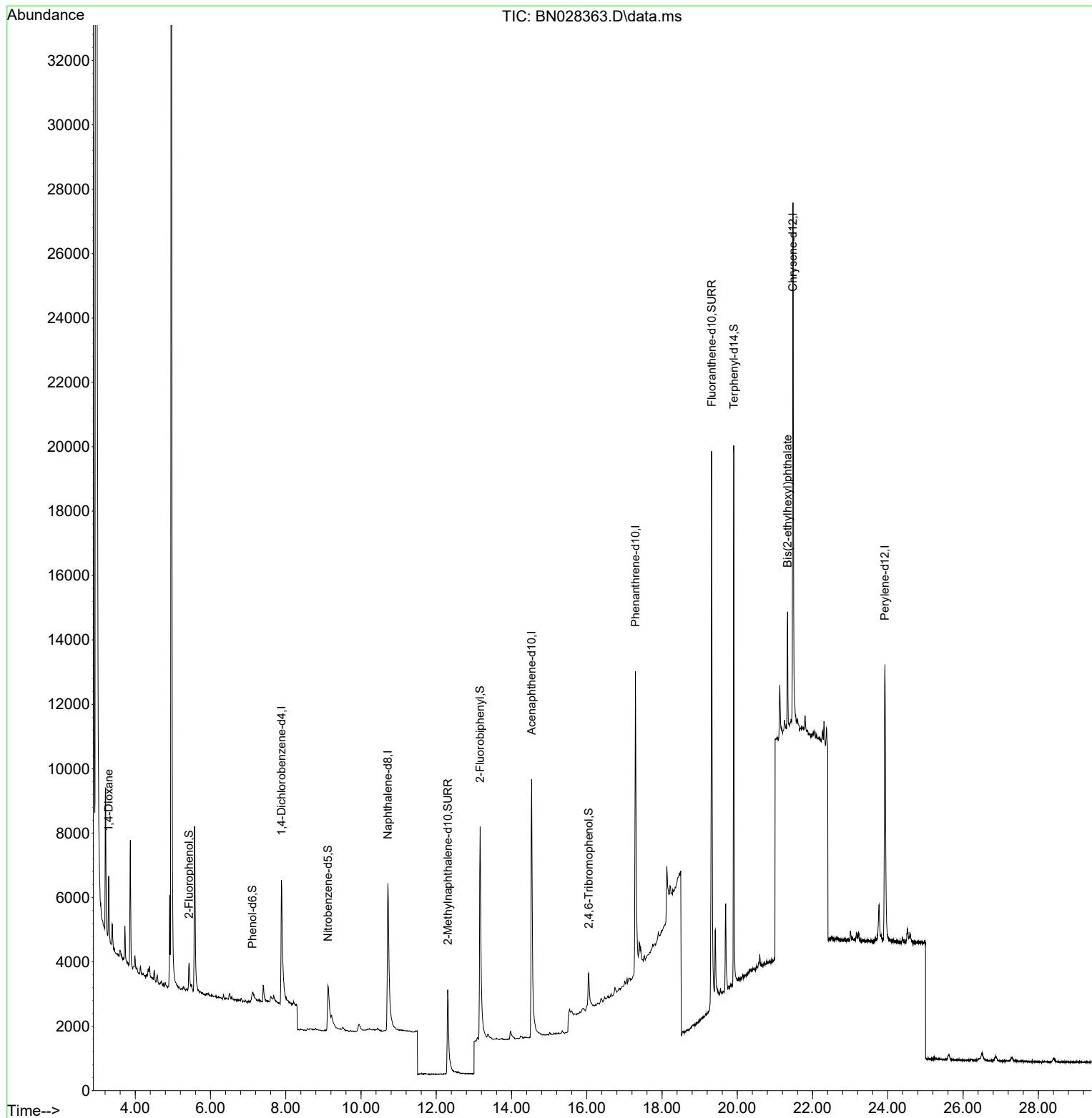
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
Data File : BN028363.D
Acq On : 24 Oct 2023 02:13
Operator : MA/JU
Sample : 04913-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-49I

Manual Integrations
APPROVED

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

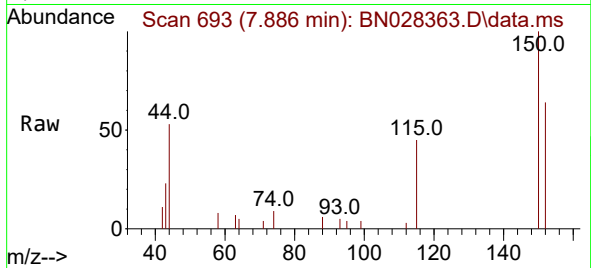
Quant Time: Oct 24 03:23:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.886 min Scan# 694
Delta R.T. 0.008 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13

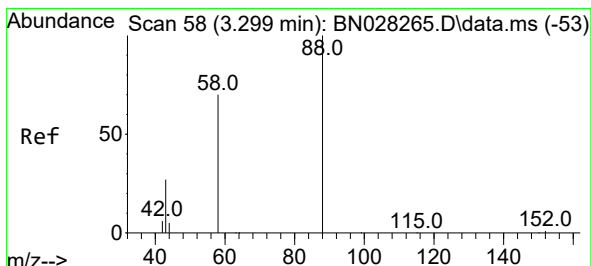
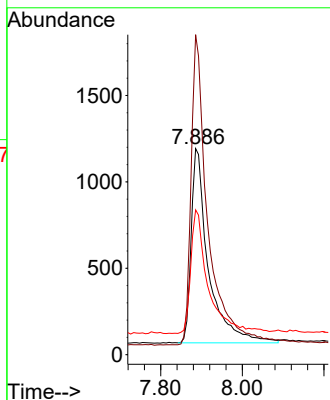
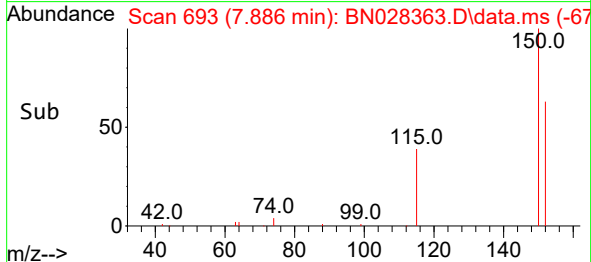
Instrument :
BNA_N
ClientSampleId :
MW-49I



Tgt Ion:152 Resp: 330
Ion Ratio Lower Upper
152 100
150 155.2 121.6 182.4
115 70.2 54.3 81.5

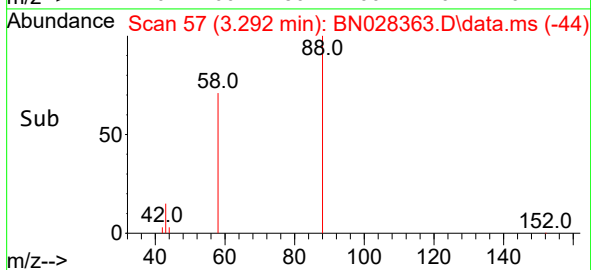
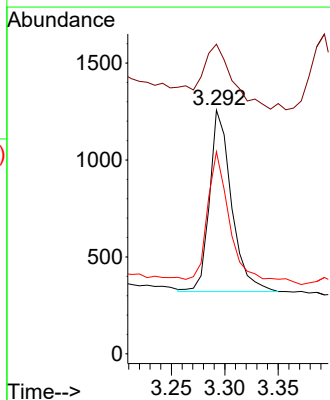
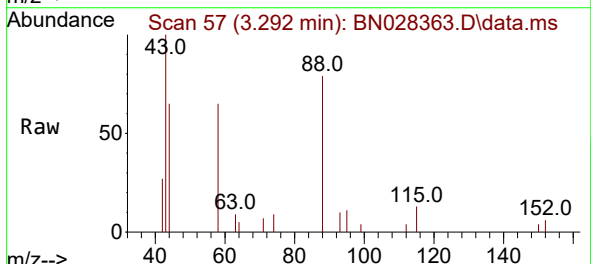
Manual Integrations
APPROVED

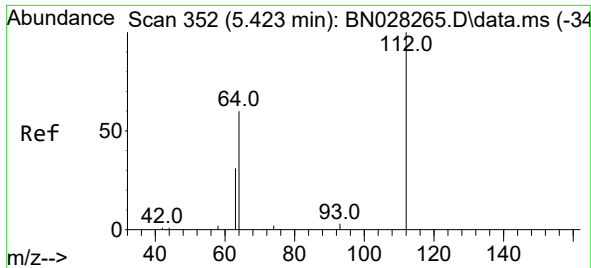
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#2
1,4-Dioxane
Concen: 0.335 ng
RT: 3.292 min Scan# 57
Delta R.T. -0.007 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13

Tgt Ion: 88 Resp: 1339
Ion Ratio Lower Upper
88 100
43 45.9 26.6 39.8
58 66.0 55.4 83.0





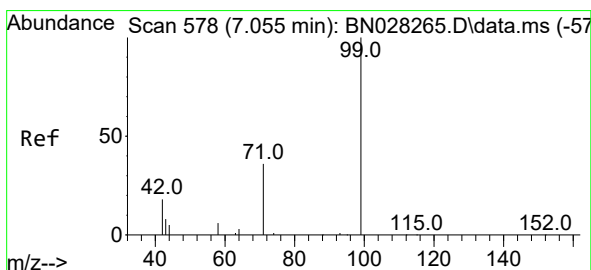
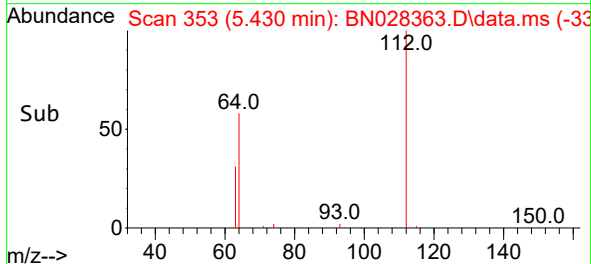
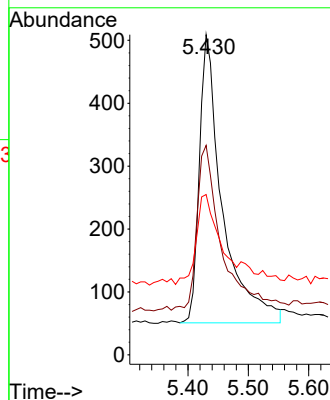
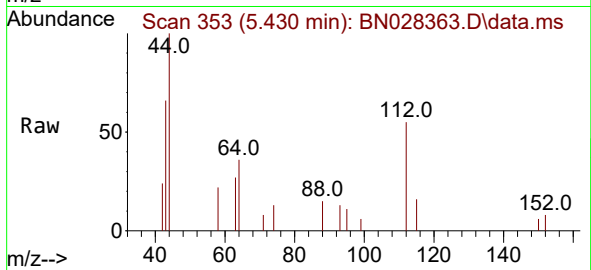
#4
2-Fluorophenol
Concen: 0.118 ng
RT: 5.430 min Scan# 352
Delta R.T. 0.000 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13

Instrument :
BNA_N
ClientSampleId :
MW-49I

Tgt Ion:112 Resp: 121
Ion Ratio Lower Upper
112 100
64 61.3 46.9 70.3
63 31.1 25.0 37.4

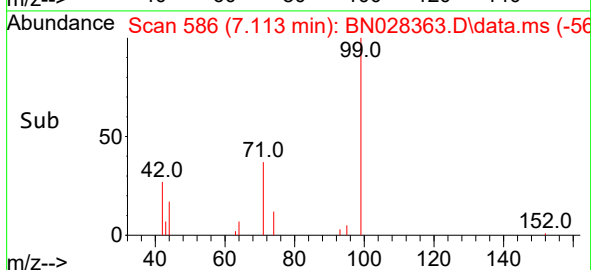
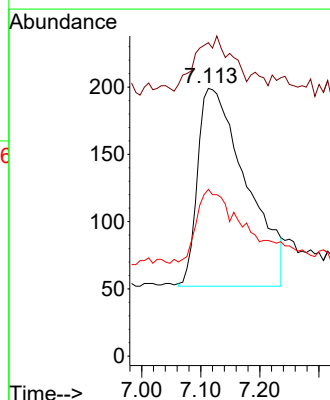
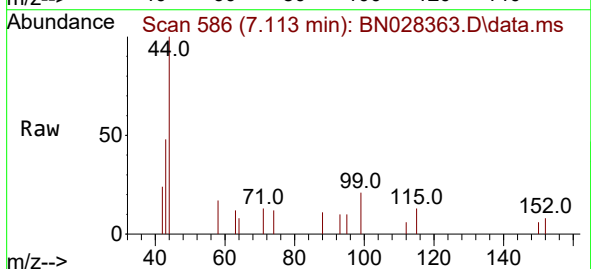
Manual Integrations
APPROVED

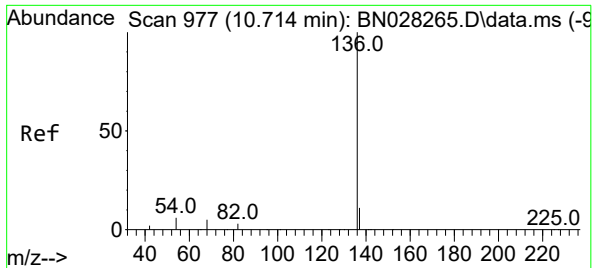
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#5
Phenol-d6
Concen: 0.066 ng m
RT: 7.113 min Scan# 586
Delta R.T. 0.058 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13

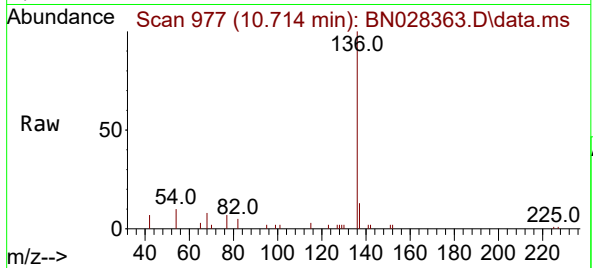
Tgt Ion: 99 Resp: 839
Ion Ratio Lower Upper
99 100
42 20.9 15.9 23.9
71 30.0 28.6 42.8





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.714 min Scan# 911
Delta R.T. 0.011 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13

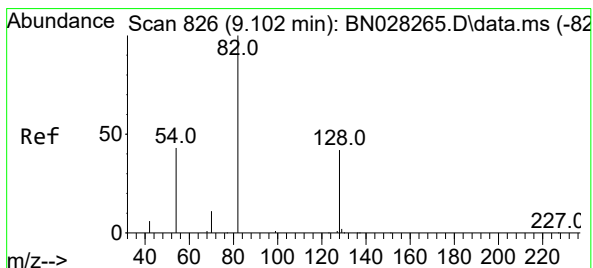
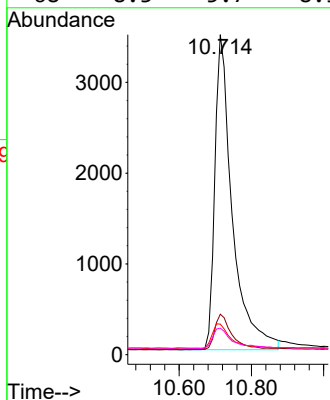
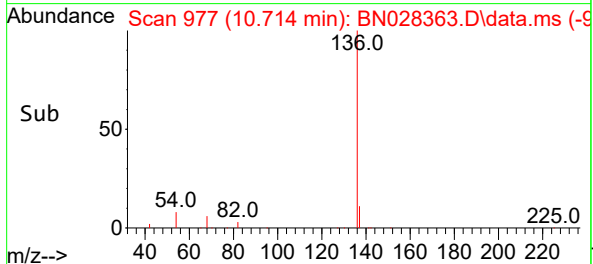
Instrument :
BNA_N
ClientSampleId :
MW-49I



Tgt Ion:136 Resp: 1165
Ion Ratio Lower Upper
136 100
137 12.6 9.8 14.8
54 9.5 6.2 9.4
68 8.3 5.7 8.5

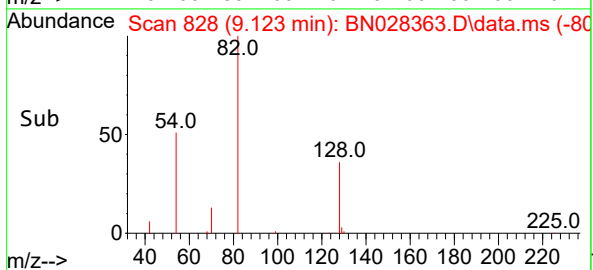
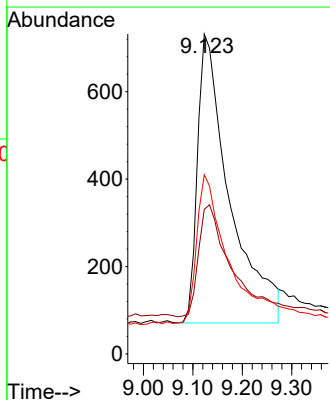
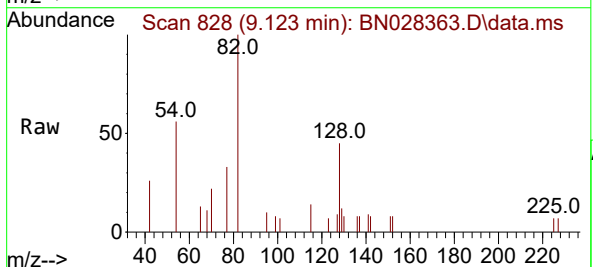
Manual Integrations
APPROVED

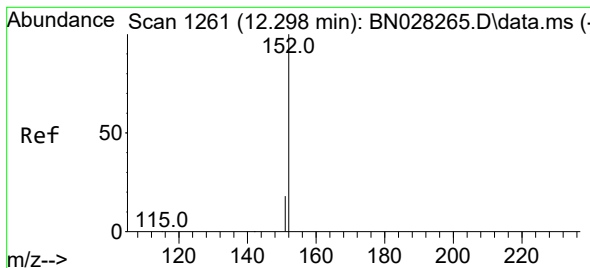
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#8
Nitrobenzene-d5
Concen: 0.288 ng
RT: 9.123 min Scan# 828
Delta R.T. 0.021 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13

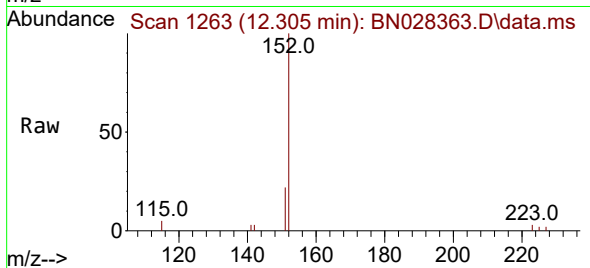
Tgt Ion: 82 Resp: 2976
Ion Ratio Lower Upper
82 100
128 45.2 36.8 55.2
54 56.0 37.4 56.2





#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.305 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13

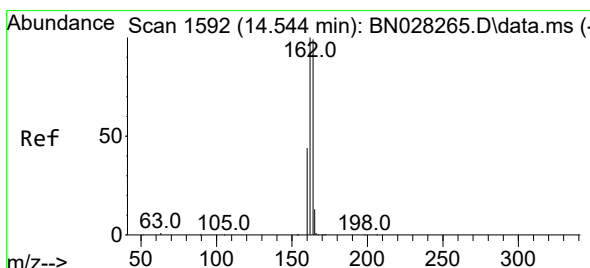
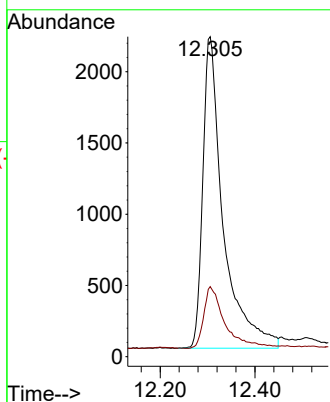
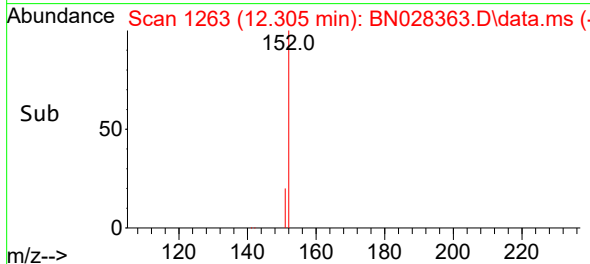
Instrument :
BNA_N
ClientSampleId :
MW-49I



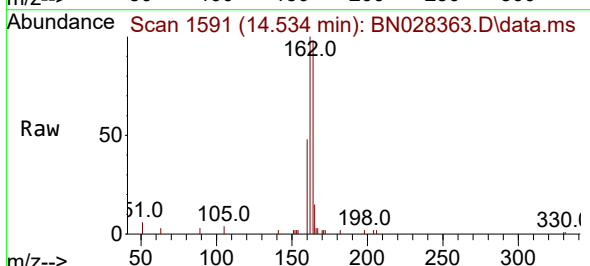
Tgt Ion:152 Resp: 6540
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1

Manual Integrations
APPROVED

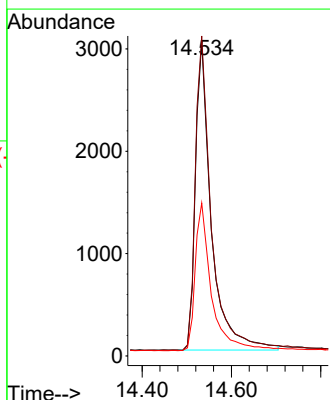
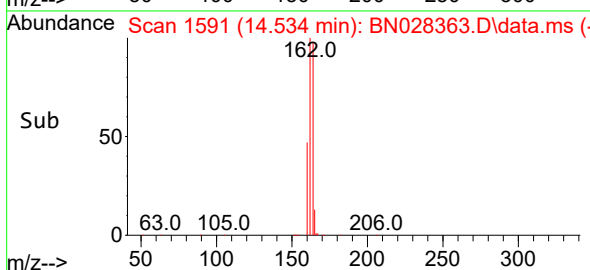
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

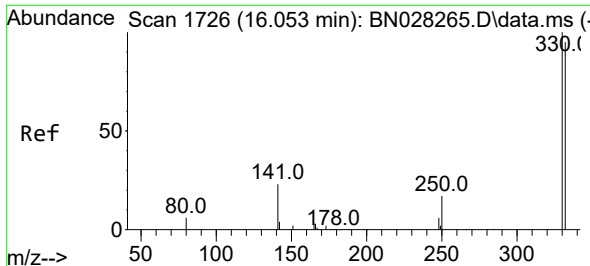


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.534 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13



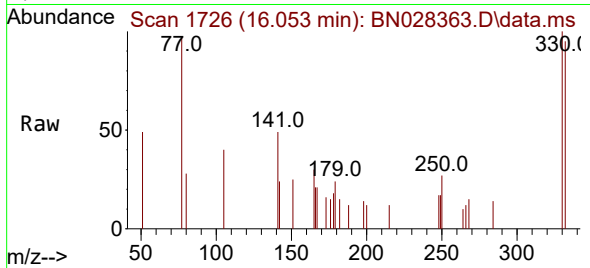
Tgt Ion:164 Resp: 7468
Ion Ratio Lower Upper
164 100
162 101.8 81.1 121.7
160 48.6 36.6 54.8





#14
2,4,6-Tribromophenol
Concen: 0.294 ng
RT: 16.053 min Scan# 1726
Delta R.T. -0.012 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13

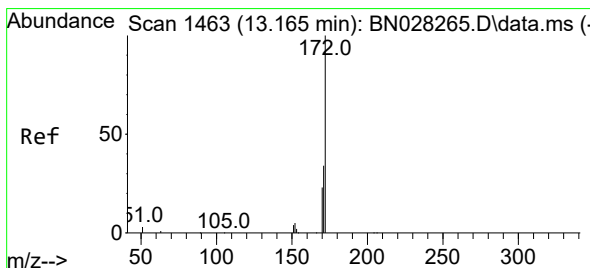
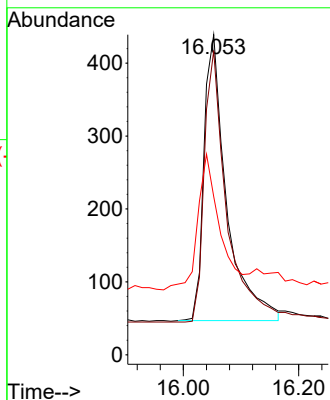
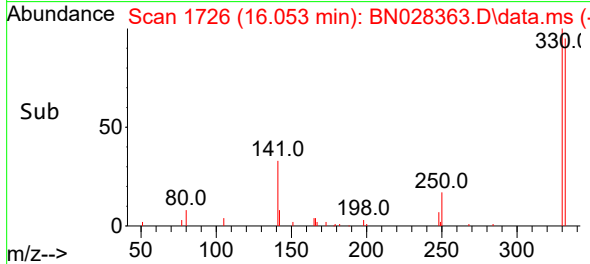
Instrument :
BNA_N
ClientSampleId :
MW-49I



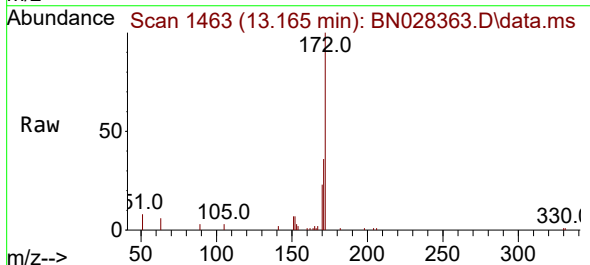
Tgt Ion:330 Resp: 1070
Ion Ratio Lower Upper
330 100
332 94.2 74.1 111.1
141 39.7 32.1 48.1

Manual Integrations
APPROVED

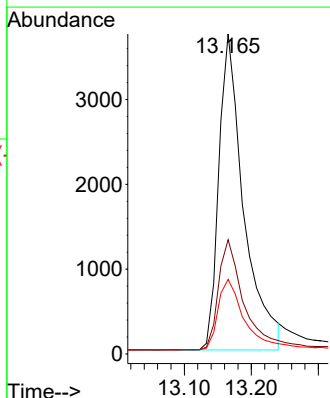
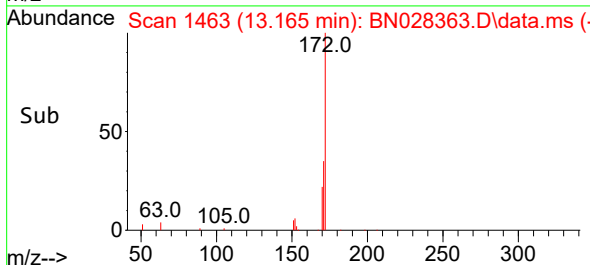
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

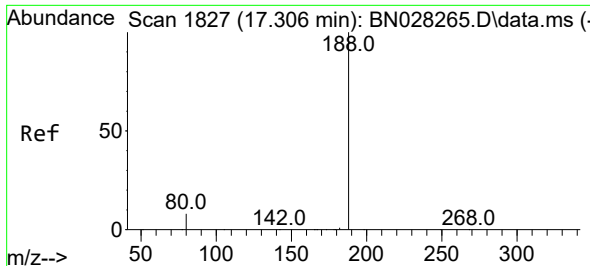


#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.165 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13



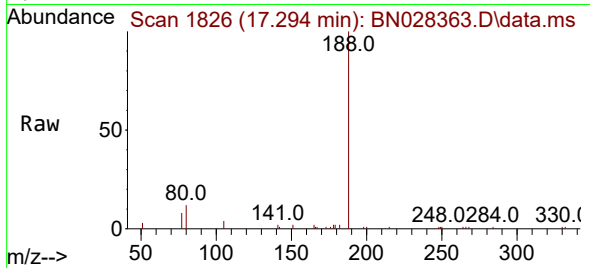
Tgt Ion:172 Resp: 9609
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.3 18.7 28.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.294 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13

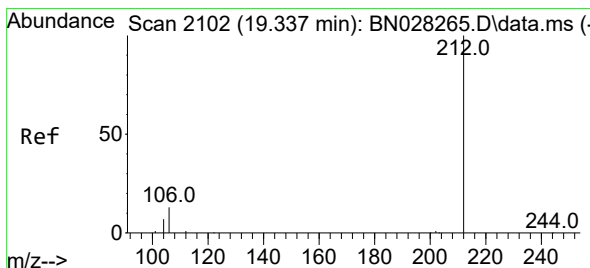
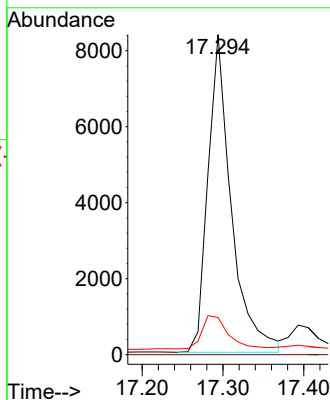
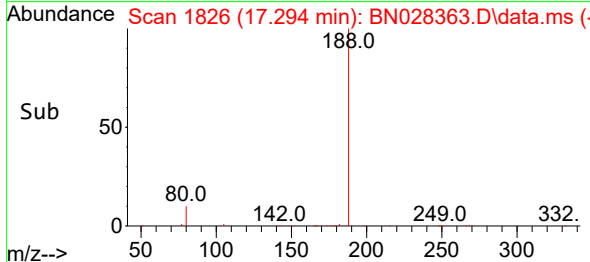
Instrument :
BNA_N
ClientSampleId :
MW-49I



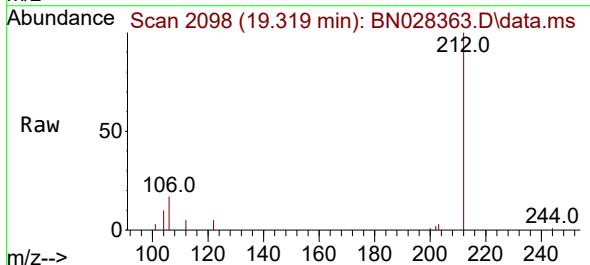
Tgt Ion:188 Resp: 16749
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 7.1 10.7

Manual Integrations
APPROVED

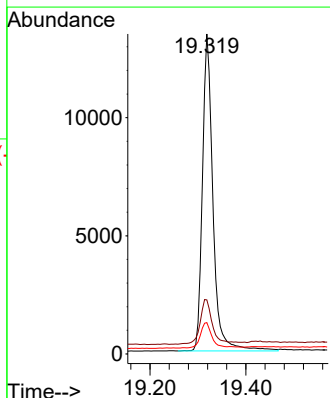
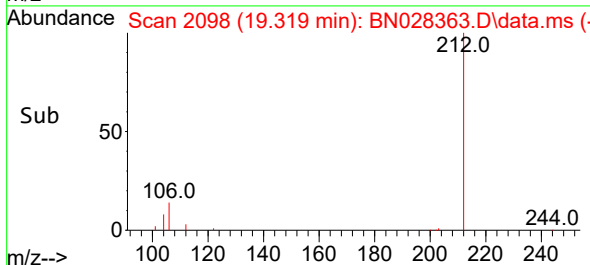
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

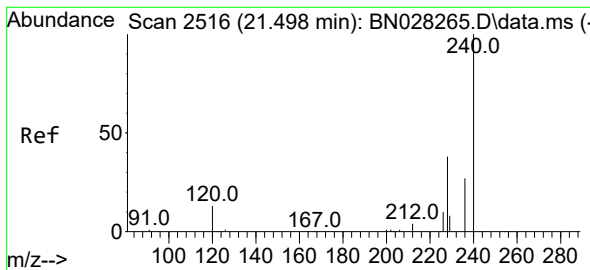


#27
Fluoranthene-d10
Concen: 0.456 ng
RT: 19.319 min Scan# 2098
Delta R.T. -0.009 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13



Tgt Ion:212 Resp: 20445
Ion Ratio Lower Upper
212 100
106 16.9 11.5 17.3
104 9.1 6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.480 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN028363.D

Acq: 24 Oct 2023 02:13

Instrument :

BNA_N

ClientSampleId :

MW-49I

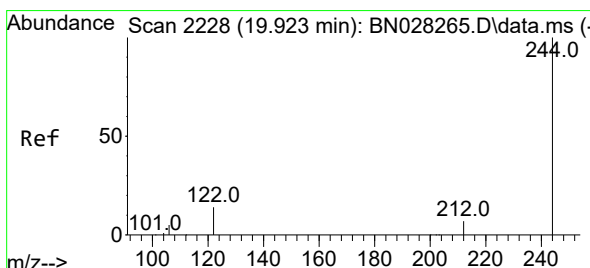
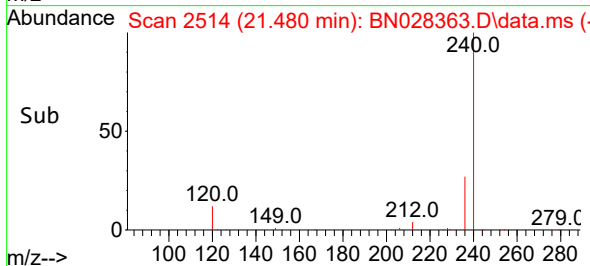
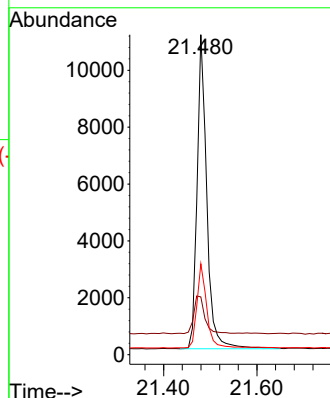
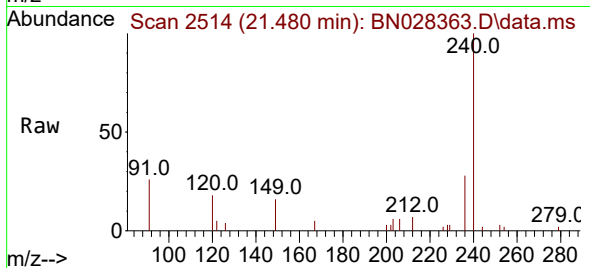
Tgt Ion:240 Resp: 1603
 Ion Ratio Lower Upper
 240 100
 120 18.1 13.4 20.0
 236 28.4 22.7 34.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#31

Terphenyl-d14

Concen: 0.527 ng

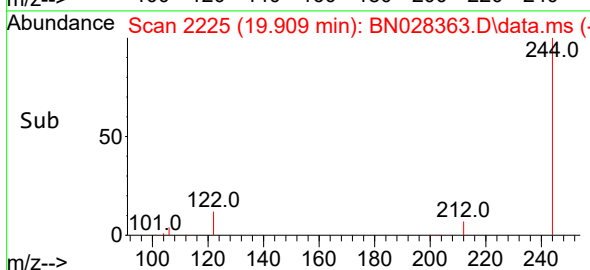
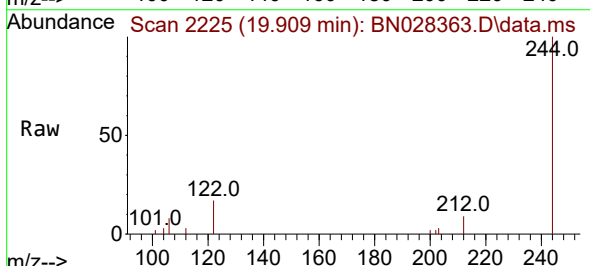
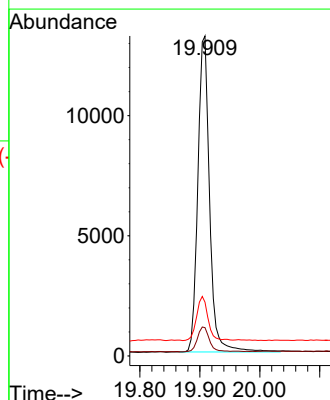
RT: 19.909 min Scan# 2225

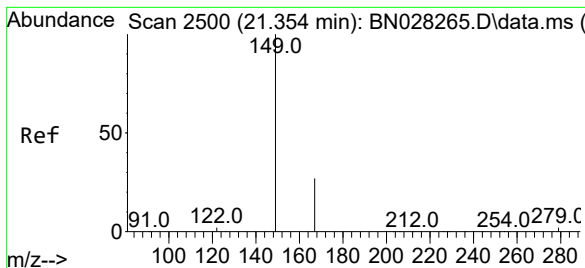
Delta R.T. -0.009 min

Lab File: BN028363.D

Acq: 24 Oct 2023 02:13

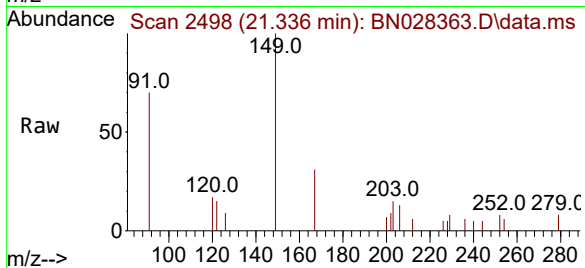
Tgt Ion:244 Resp: 17940
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.6 10.0
 122 16.8 11.7 17.5





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.079 ng
RT: 21.336 min Scan# 2498
Delta R.T. -0.009 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13

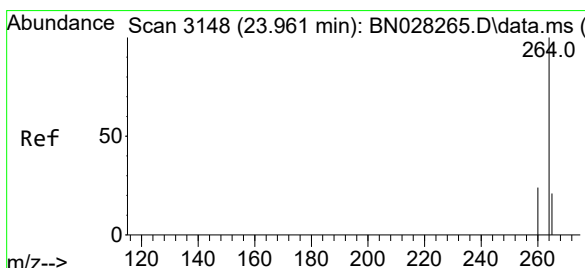
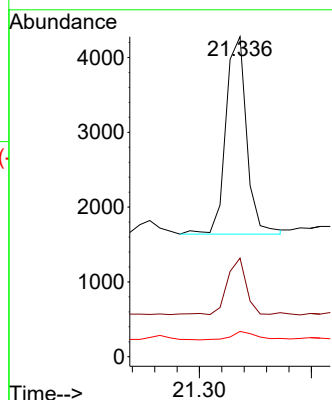
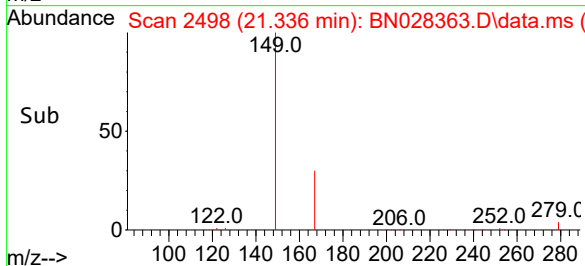
Instrument :
BNA_N
ClientSampleId :
MW-49I



Tgt Ion:149 Resp: 341
Ion Ratio Lower Upper
149 100
167 26.3 22.6 34.0
279 5.2 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: 23.923 min Scan# 3135
Delta R.T. -0.015 min
Lab File: BN028363.D
Acq: 24 Oct 2023 02:13

Tgt Ion:264 Resp: 13754
Ion Ratio Lower Upper
264 100
260 26.1 20.7 31.1
265 62.1 38.3 57.5#

