

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072924\
 Data File : BN033064.D
 Acq On : 29 Jul 2024 11:27
 Operator : MA/JU
 Sample : P3299-01DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20240717DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 29 11:53:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 10:37:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.561	152	3240m	0.400	ng	0.04
7) Naphthalene-d8	10.415	136	12288m	0.400	ng	0.09
13) Acenaphthene-d10	14.197	164	7923	0.400	ng	0.03
19) Phenanthrene-d10	16.964	188	17200	0.400	ng	0.00
29) Chrysene-d12	21.167	240	15486	0.400	ng	0.00
35) Perylene-d12	23.356	264	15940	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	651m	0.079	ng	0.02
5) Phenol-d6	7.091	99	145	0.014	ng	0.19
8) Nitrobenzene-d5	9.027	82	616	0.067	ng	0.17
11) 2-Methylnaphthalene-d10	12.022	152	2898	0.154	ng	0.08
14) 2,4,6-Tribromophenol	15.760	330	475	0.140	ng	0.02
15) 2-Fluorobiphenyl	12.861	172	4573	0.155	ng	0.04
27) Fluoranthene-d10	18.985	212	10425	0.234	ng	0.00
31) Terphenyl-d14	19.566	244	8367	0.264	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	3.090	88	12377	3.084	ng	Qvalue # 89

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

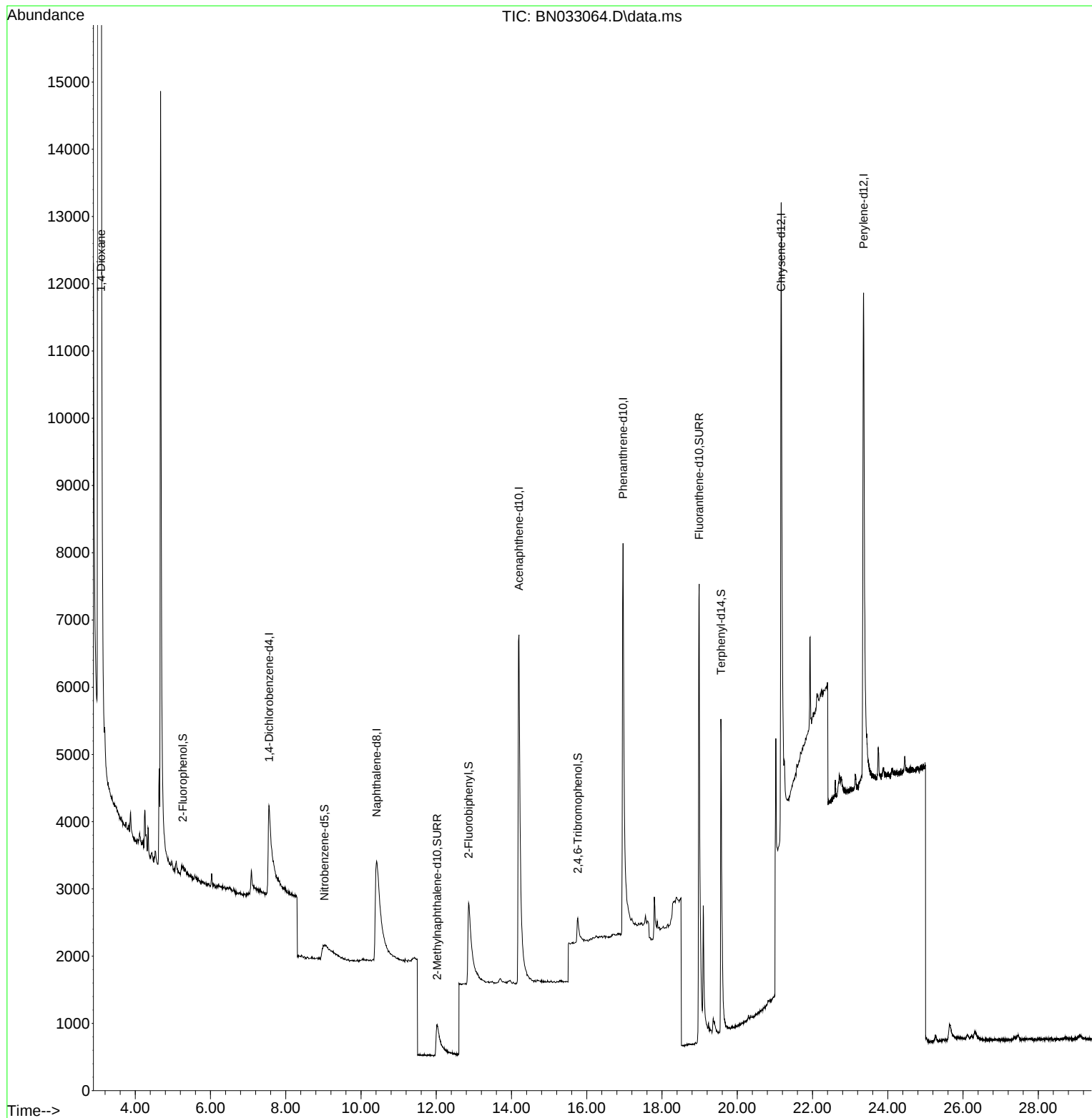
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072924\
Data File : BN033064.D
Acq On : 29 Jul 2024 11:27
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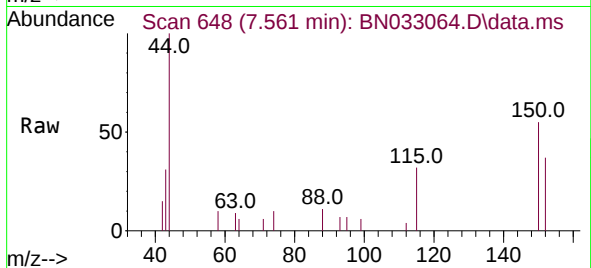
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng m
 RT: 7.561 min Scan# 64
 Delta R.T. 0.037 min
 Lab File: BN033064.D
 Acq: 29 Jul 2024 11:27

Instrument :

BNA_N

ClientSampleId :

SP-100-20240717DL



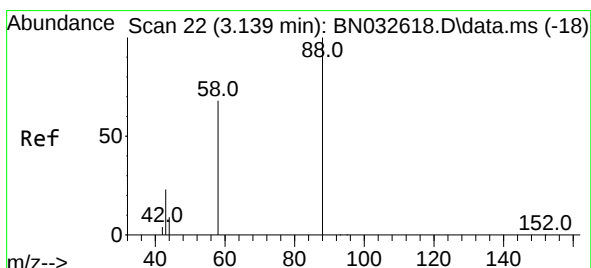
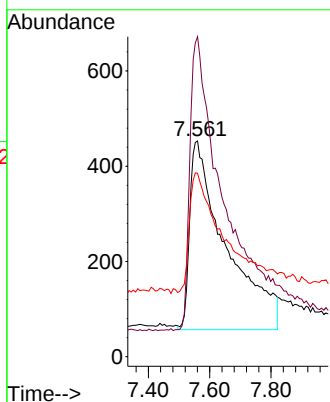
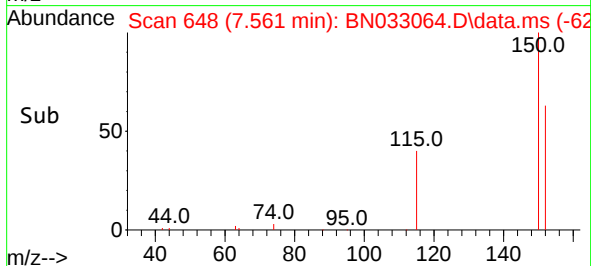
Tgt Ion:152 Resp: 3240
 Ion Ratio Lower Upper
 152 100
 150 148.3 123.8 185.6
 115 85.0 52.8 79.2

Manual Integrations

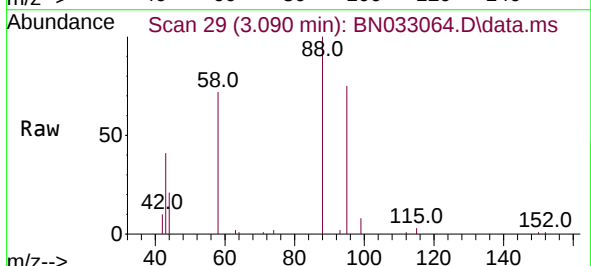
APPROVED

Reviewed By :Yogesh Patel 07/30/2024

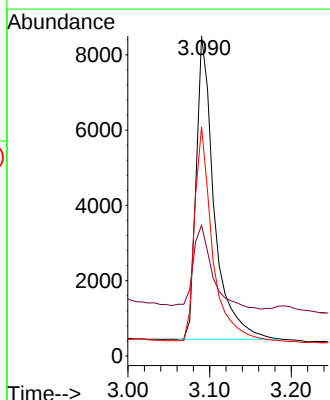
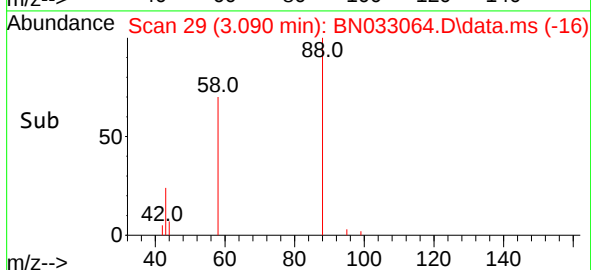
Supervised By :mohammad ahmed 07/30/2024

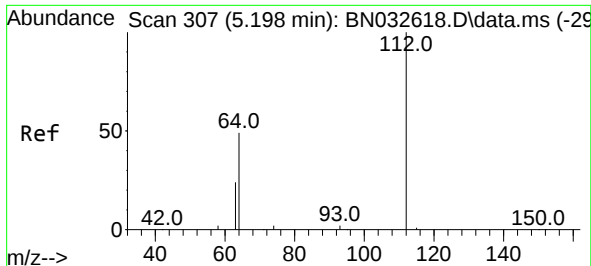


#2
 1,4-Dioxane
 Concen: 3.084 ng
 RT: 3.090 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN033064.D
 Acq: 29 Jul 2024 11:27



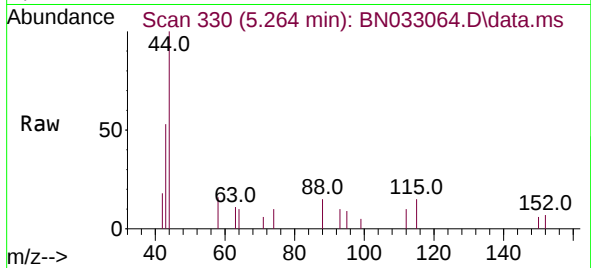
Tgt Ion: 88 Resp: 12377
 Ion Ratio Lower Upper
 88 100
 43 29.7 18.4 27.6#
 58 69.6 49.2 73.8





#4
2-Fluorophenol
Concen: 0.079 ng m
RT: 5.264 min Scan# 31
Delta R.T. 0.022 min
Lab File: BN033064.D
Acq: 29 Jul 2024 11:27

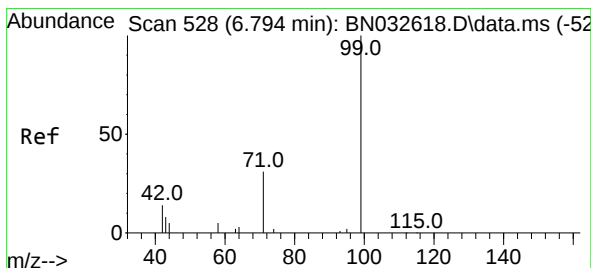
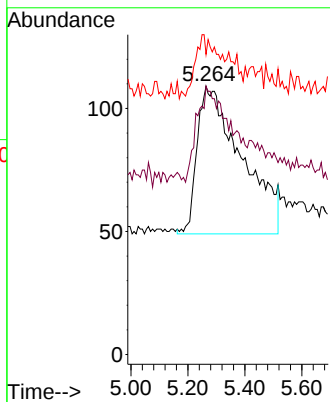
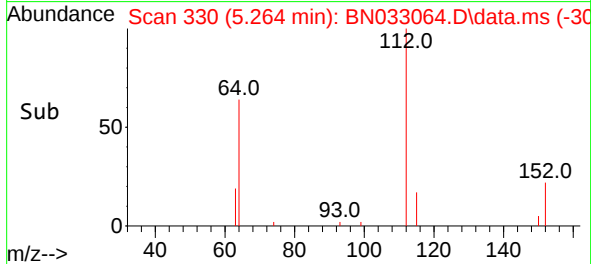
Instrument :
BNA_N
ClientSampleId :
SP-100-20240717DL



Tgt Ion:112 Resp: 65
Ion Ratio Lower Upper
112 100
64 48.4 40.2 60.4
63 9.1 22.2 33.4

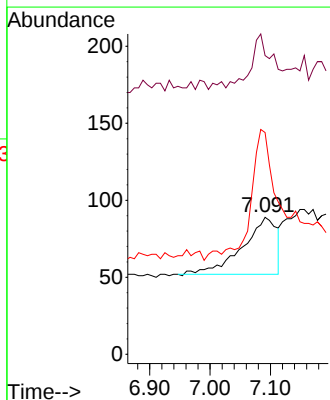
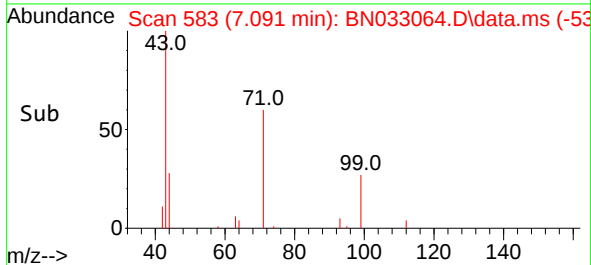
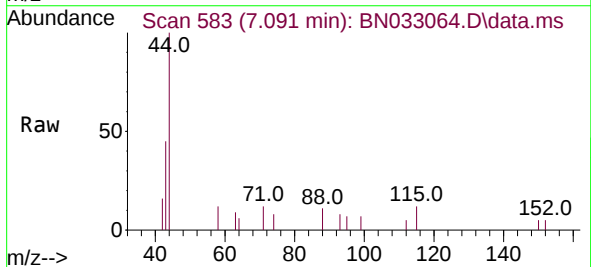
Manual Integrations
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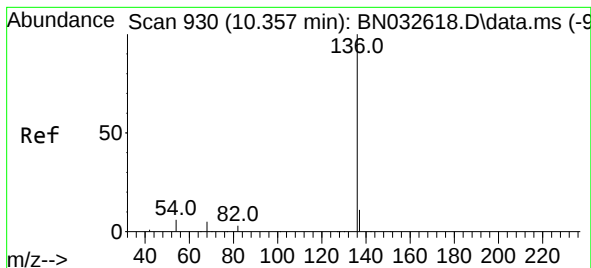
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024



#5
Phenol-d6
Concen: 0.014 ng
RT: 7.091 min Scan# 583
Delta R.T. 0.188 min
Lab File: BN033064.D
Acq: 29 Jul 2024 11:27

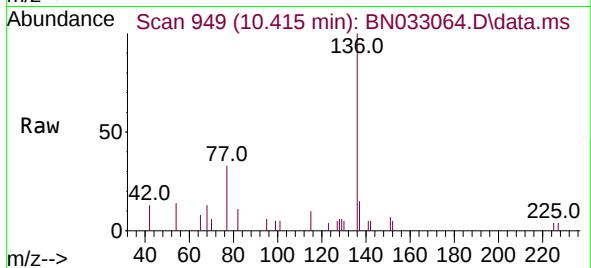
Tgt Ion: 99 Resp: 145
Ion Ratio Lower Upper
99 100
42 56.6 10.5 15.7#
71 202.8 22.3 33.5#





#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.415 min Scan# 941
Delta R.T. 0.086 min
Lab File: BN033064.D
Acq: 29 Jul 2024 11:27

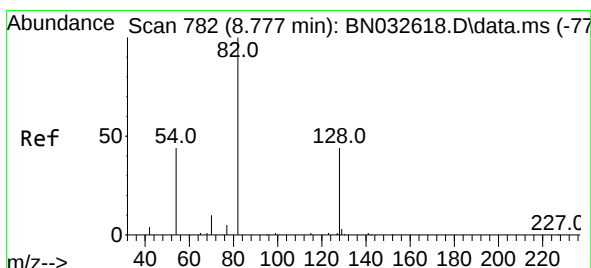
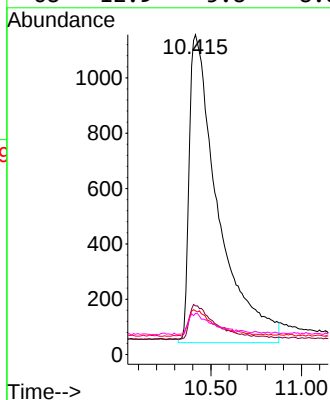
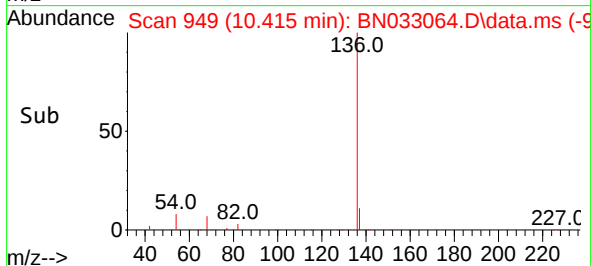
Instrument :
BNA_N
ClientSampleId :
SP-100-20240717DL



Tgt Ion:136 Resp: 1228
Ion Ratio Lower Upper
136 100
137 15.2 9.9 14.9#
54 13.7 6.5 9.7#
68 12.9 5.8 8.8#

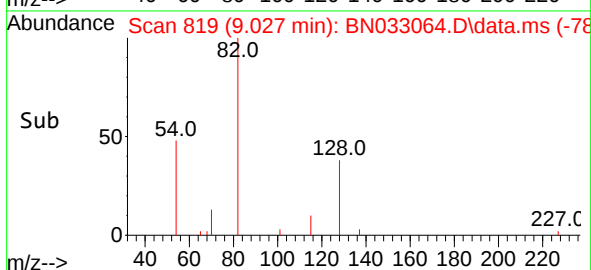
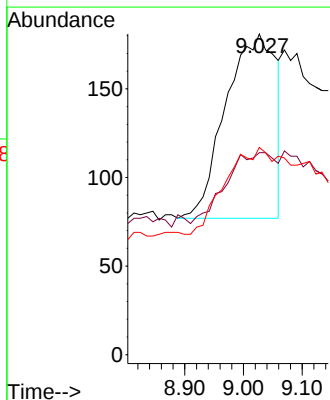
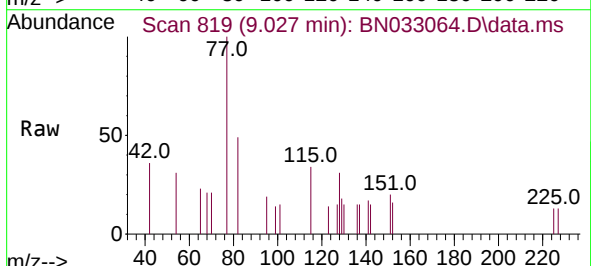
Manual Integrations
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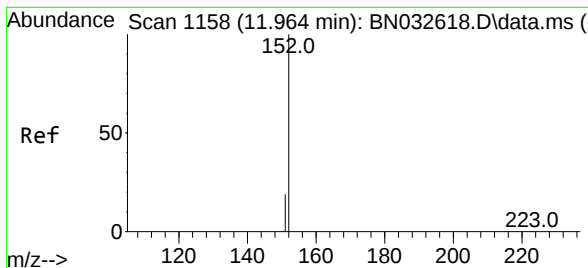
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024



#8
Nitrobenzene-d5
Concen: 0.067 ng
RT: 9.027 min Scan# 819
Delta R.T. 0.171 min
Lab File: BN033064.D
Acq: 29 Jul 2024 11:27

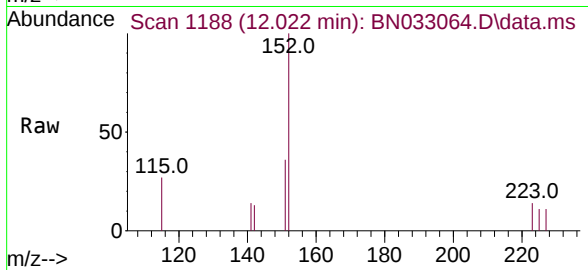
Tgt Ion: 82 Resp: 616
Ion Ratio Lower Upper
82 100
128 63.0 41.7 62.5#
54 64.6 39.5 59.3#





#11
2-Methylnaphthalene-d10
Concen: 0.154 ng
RT: 12.022 min Scan# 1158
Delta R.T. 0.076 min
Lab File: BN033064.D
Acq: 29 Jul 2024 11:27

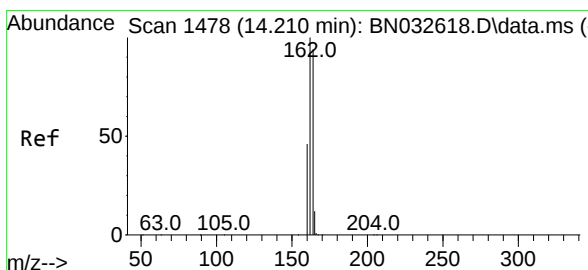
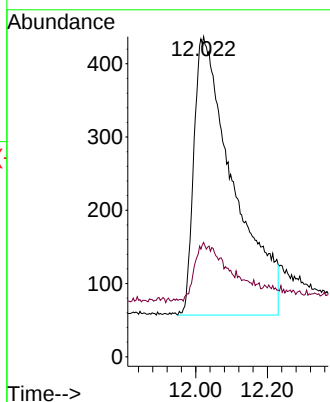
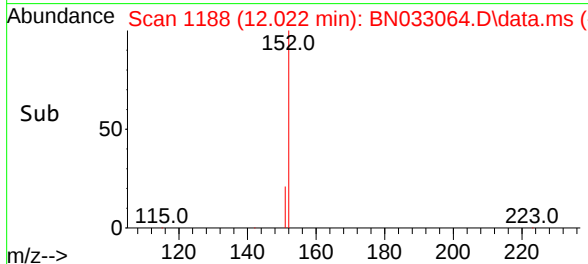
Instrument :
BNA_N
ClientSampleId :
SP-100-20240717DL



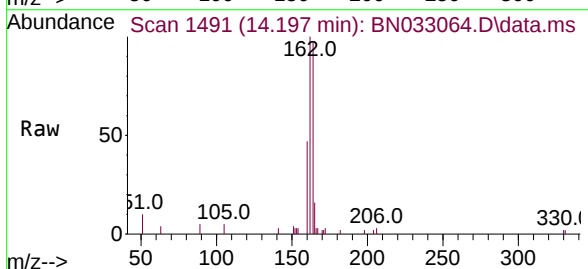
Tgt Ion:152 Resp: 2898
Ion Ratio Lower Upper
152 100
151 6.2 16.2 24.2

Manual Integrations
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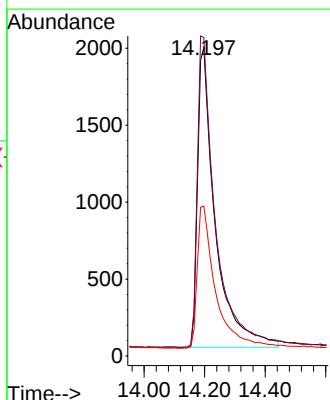
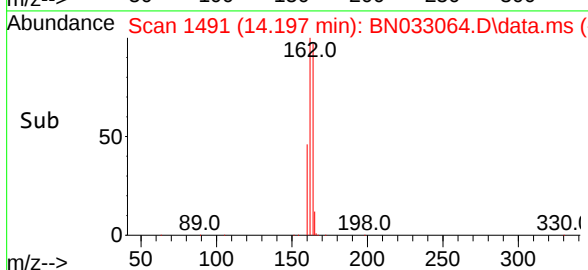
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024

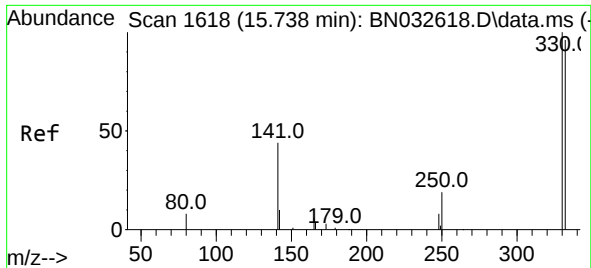


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.197 min Scan# 1491
Delta R.T. 0.028 min
Lab File: BN033064.D
Acq: 29 Jul 2024 11:27



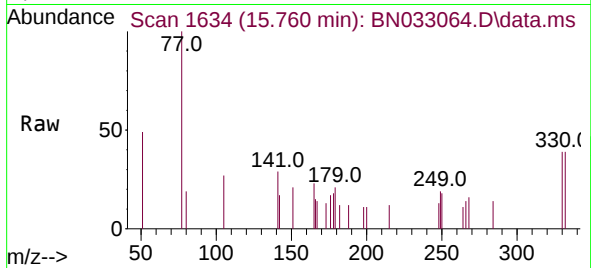
Tgt Ion:164 Resp: 7923
Ion Ratio Lower Upper
164 100
162 103.2 85.0 127.4
160 48.6 39.4 59.2





#14
2,4,6-Tribromophenol
Concen: 0.140 ng
RT: 15.760 min Scan# 1634
Delta R.T. 0.019 min
Lab File: BN033064.D
Acq: 29 Jul 2024 11:27

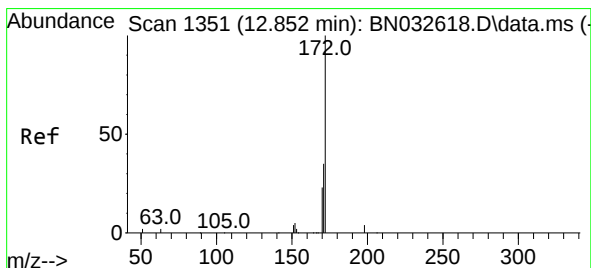
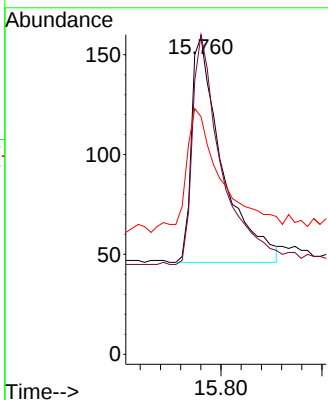
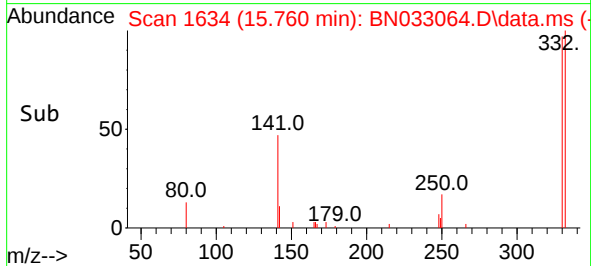
Instrument :
BNA_N
ClientSampleId :
SP-100-20240717DL



Tgt Ion:330 Resp: 479
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.8
141 52.4 34.2 51.2

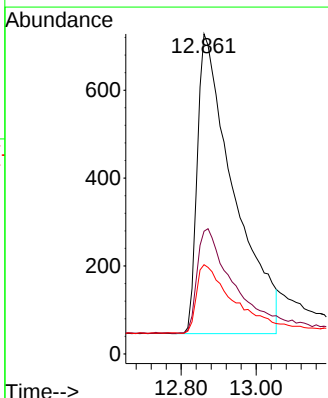
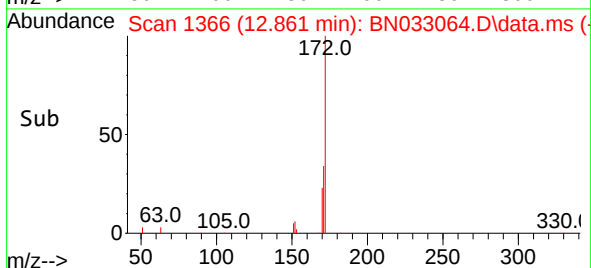
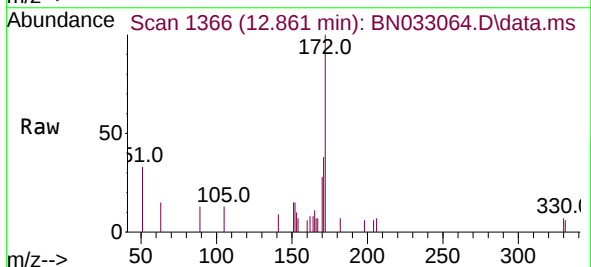
Manual Integrations
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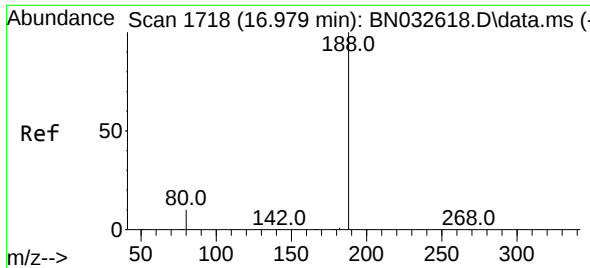
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024



#15
2-Fluorobiphenyl
Concen: 0.155 ng
RT: 12.861 min Scan# 1366
Delta R.T. 0.039 min
Lab File: BN033064.D
Acq: 29 Jul 2024 11:27

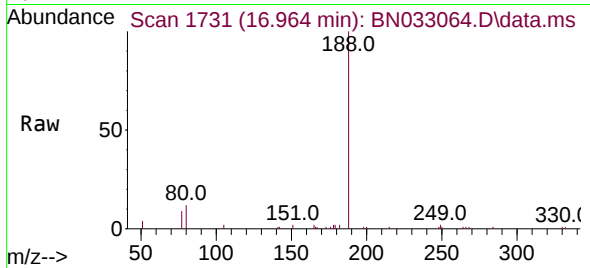
Tgt Ion:172 Resp: 4573
Ion Ratio Lower Upper
172 100
171 38.3 28.6 43.0
170 27.9 19.0 28.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.964 min Scan# 11
Delta R.T. 0.007 min
Lab File: BN033064.D
Acq: 29 Jul 2024 11:27

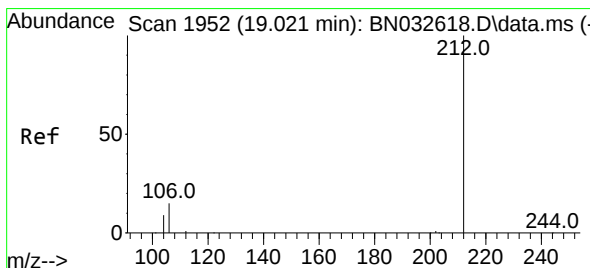
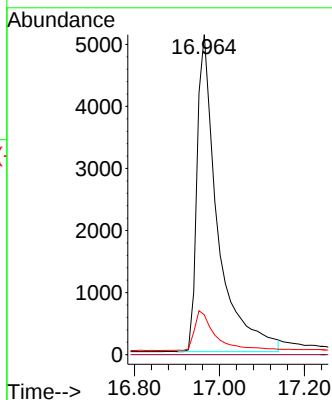
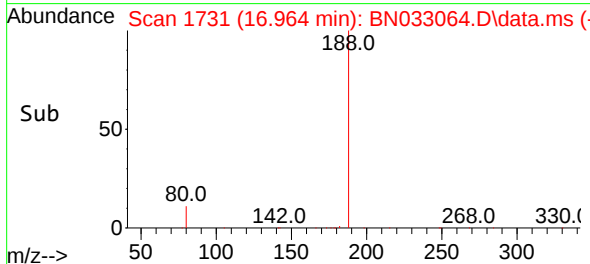
Instrument :
BNA_N
ClientSampleId :
SP-100-20240717DL



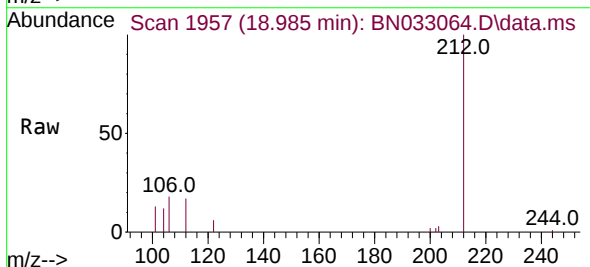
Tgt Ion:188 Resp: 17200
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 8.8 13.2

Manual Integrations
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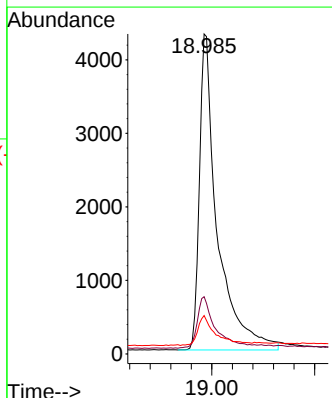
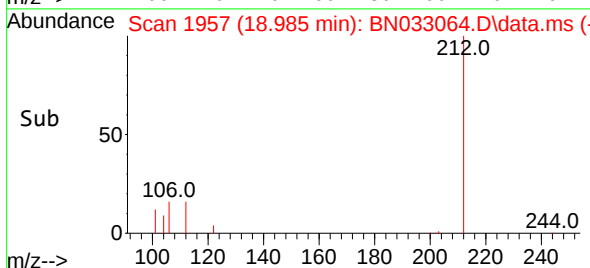
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024

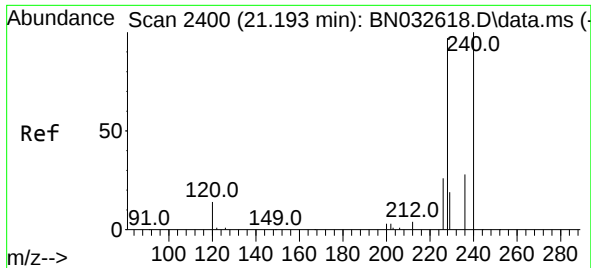


#27
Fluoranthene-d10
Concen: 0.234 ng
RT: 18.985 min Scan# 1957
Delta R.T. -0.007 min
Lab File: BN033064.D
Acq: 29 Jul 2024 11:27



Tgt Ion:212 Resp: 10425
Ion Ratio Lower Upper
212 100
106 17.6 11.9 17.9
104 9.5 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.167 min Scan# 2410

Delta R.T. 0.007 min

Lab File: BN033064.D

Acq: 29 Jul 2024 11:27

Instrument :

BNA_N

ClientSampleId :

SP-100-20240717DL

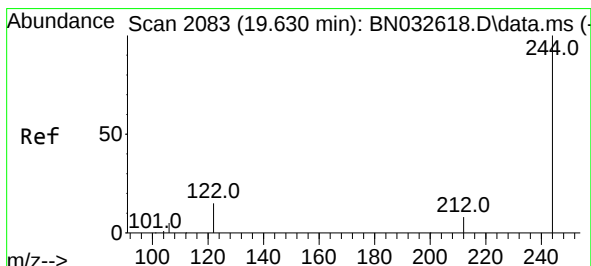
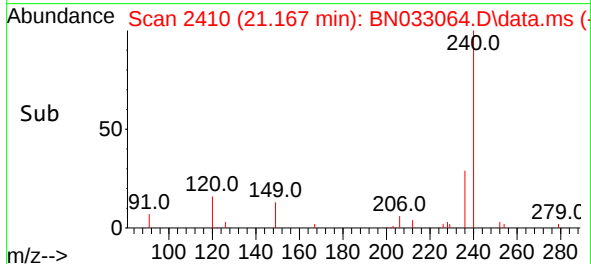
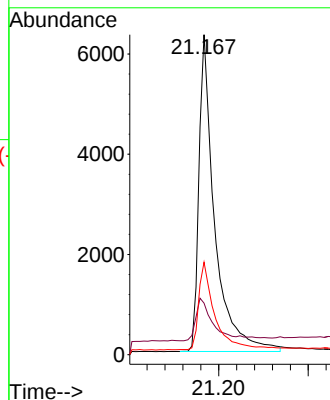
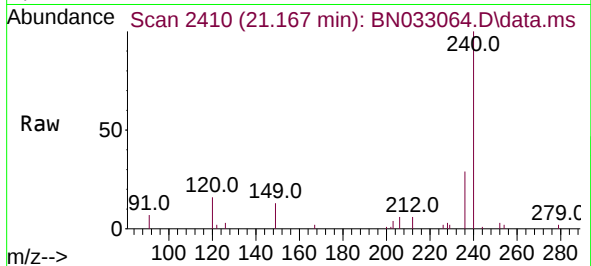
Tgt Ion:	240	Resp:	1548
Ion Ratio	Lower	Upper	
240	100		
120	16.1	14.8	22.2
236	28.9	23.3	34.9

Manual Integrations

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Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/30/2024



#31

Terphenyl-d14

Concen: 0.264 ng

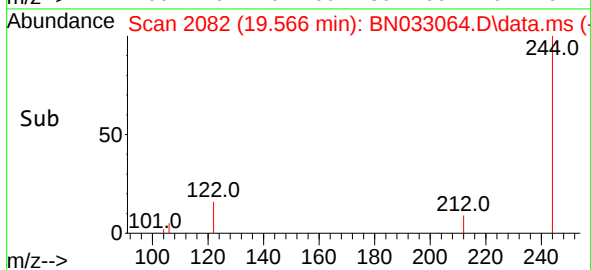
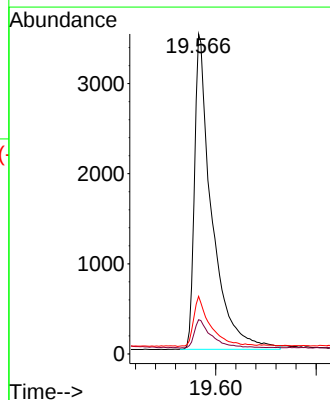
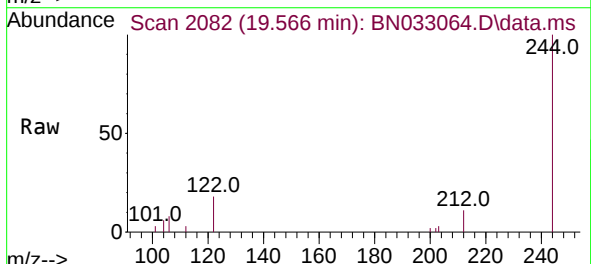
RT: 19.566 min Scan# 2082

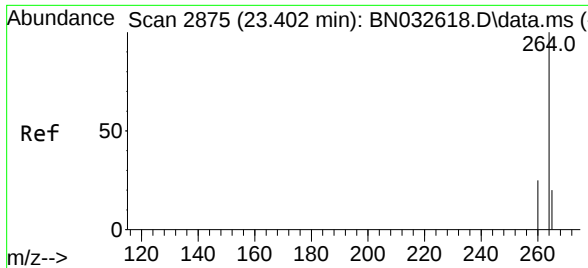
Delta R.T. -0.030 min

Lab File: BN033064.D

Acq: 29 Jul 2024 11:27

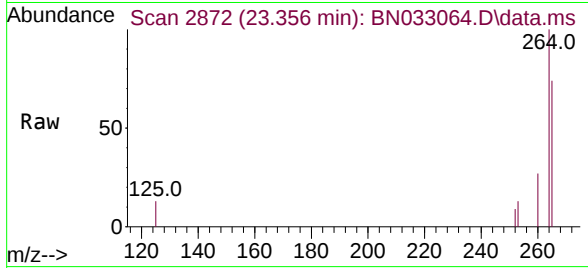
Tgt Ion:	244	Resp:	8367
Ion Ratio	Lower	Upper	
244	100		
212	10.7	7.5	11.3
122	18.0	12.6	19.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.356 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN033064.D
 Acq: 29 Jul 2024 11:27

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20240717DL



Tgt Ion:264 Resp: 15940
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.9 31.3
 265 74.4 85.4 128.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/30/2024

