

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112124\
 Data File : BN035220.D
 Acq On : 21 Nov 2024 13:58
 Operator : RC/JU
 Sample : PB165012BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB165012BL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 21 14:34:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:00:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.329	152	3644	0.400	ng	0.00
7) Naphthalene-d8	10.073	136	8156	0.400	ng	# 0.00
13) Acenaphthene-d10	13.983	164	4996	0.400	ng	0.00
19) Phenanthrene-d10	16.753	188	10325	0.400	ng	# 0.00
29) Chrysene-d12	21.006	240	2547	0.400	ng	# 0.00
35) Perylene-d12	23.105	264	7086	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.989	112	4122	0.446	ng	0.00
5) Phenol-d6	6.535	99	5198	0.448	ng	0.00
8) Nitrobenzene-d5	8.461	82	1957m	0.276	ng	0.00
11) 2-Methylnaphthalene-d10	11.678	152	5204	0.358	ng	0.00
14) 2,4,6-Tribromophenol	15.501	330	1065	0.295	ng	0.00
15) 2-Fluorobiphenyl	12.604	172	3386	0.167	ng	0.00
27) Fluoranthene-d10	18.808	212	10530	0.333	ng	0.00
31) Terphenyl-d14	19.435	244	6913	1.293	ng	0.00

Target Compounds Qvalue

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

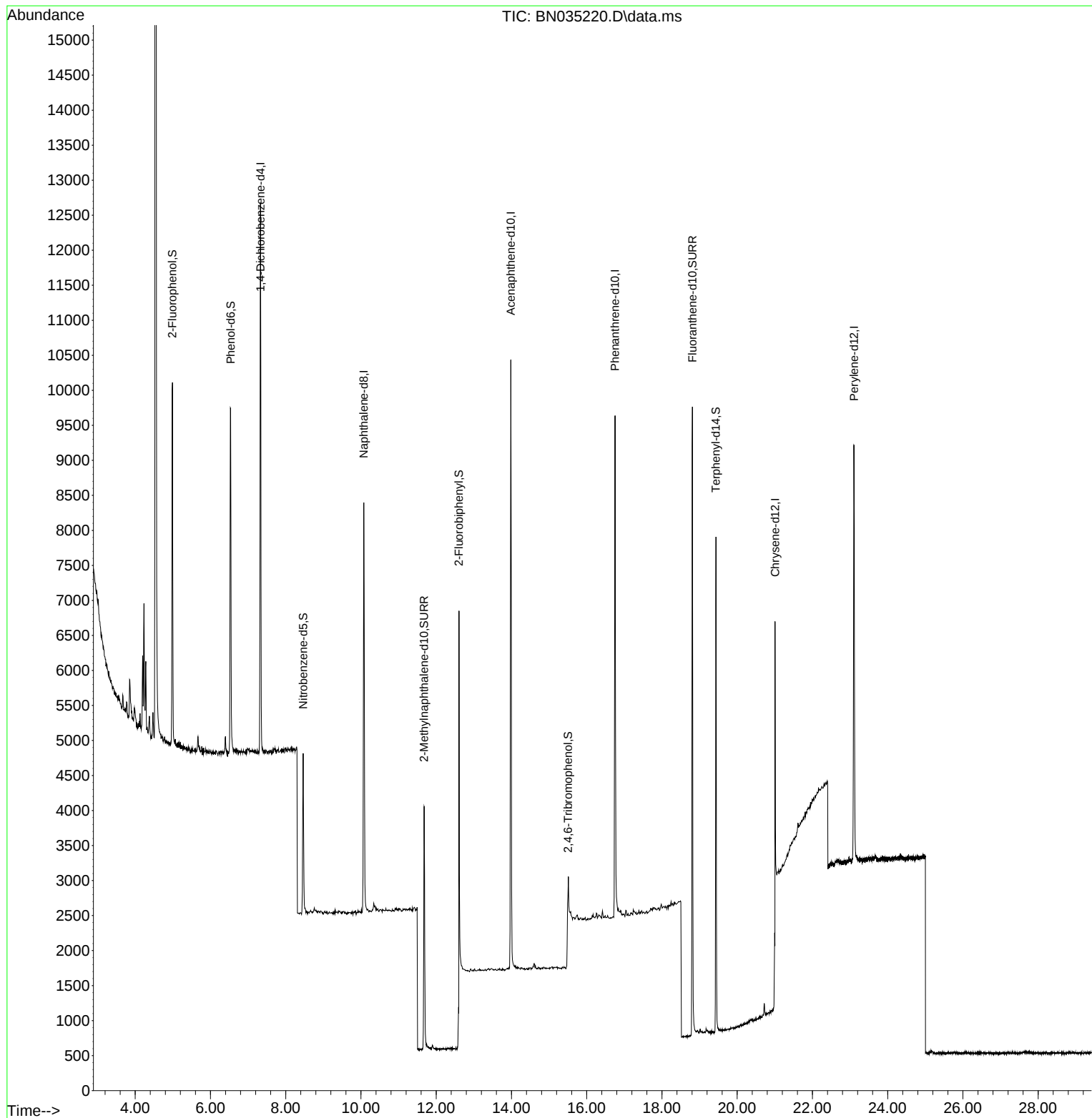
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112124\
Data File : BN035220.D
Acq On : 21 Nov 2024 13:58
Operator : RC/JU
Sample : PB165012BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

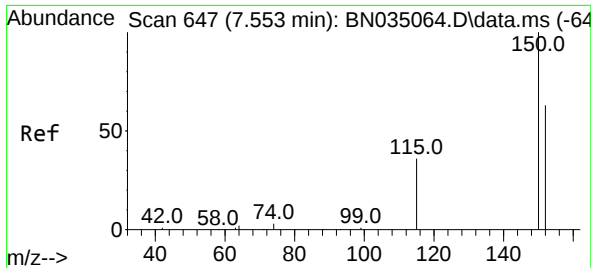
Instrument :
BNA_N
ClientSampleId :
PB165012BL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

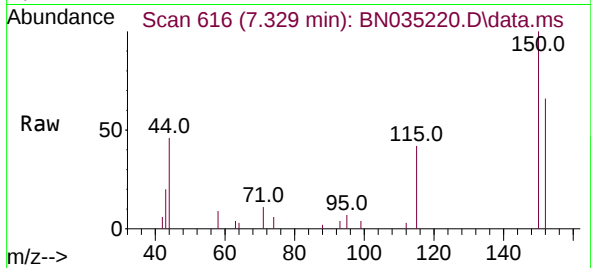
Quant Time: Nov 21 14:34:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:00:03 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.329 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN035220.D
Acq: 21 Nov 2024 13:58

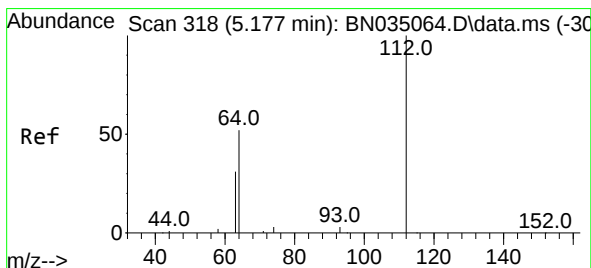
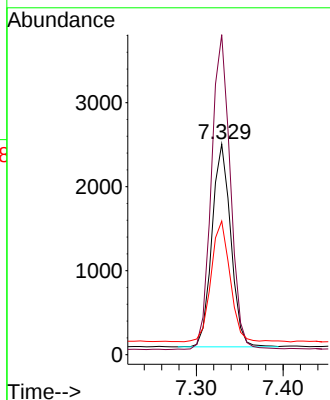
Instrument :
BNA_N
ClientSampleId :
PB165012BL



Tgt Ion:152 Resp: 364
Ion Ratio Lower Upper
152 100
150 151.9 124.5 186.7
115 63.5 47.8 71.6

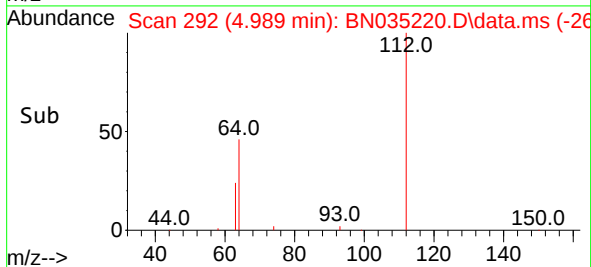
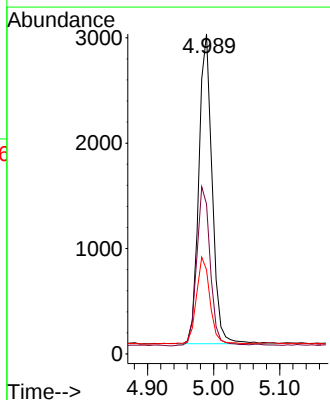
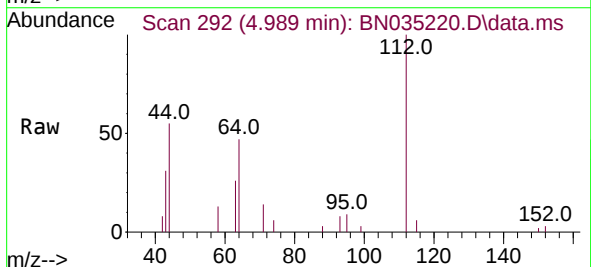
Manual Integrations
APPROVED

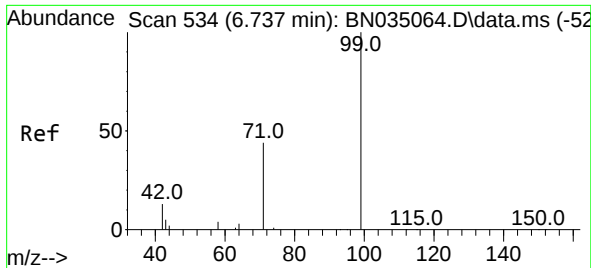
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#4
2-Fluorophenol
Concen: 0.446 ng
RT: 4.989 min Scan# 292
Delta R.T. 0.007 min
Lab File: BN035220.D
Acq: 21 Nov 2024 13:58

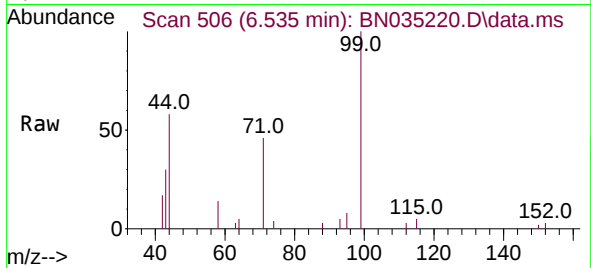
Tgt Ion:112 Resp: 4122
Ion Ratio Lower Upper
112 100
64 52.5 39.7 59.5
63 28.9 23.0 34.4





#5
Phenol-d6
Concen: 0.448 ng
RT: 6.535 min Scan# 506
Delta R.T. 0.007 min
Lab File: BN035220.D
Acq: 21 Nov 2024 13:58

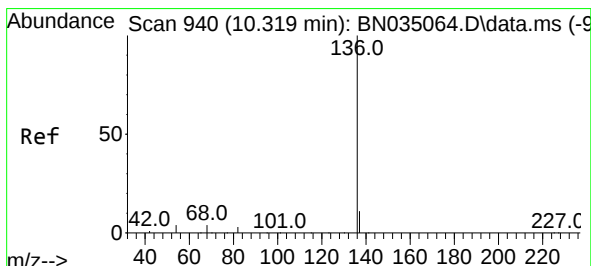
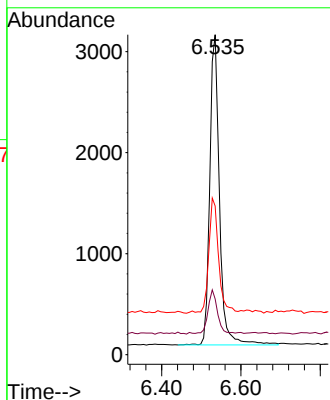
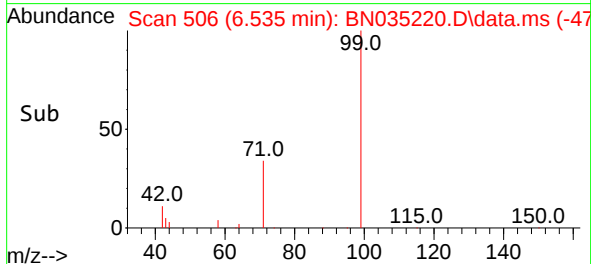
Instrument :
BNA_N
ClientSampleId :
PB165012BL



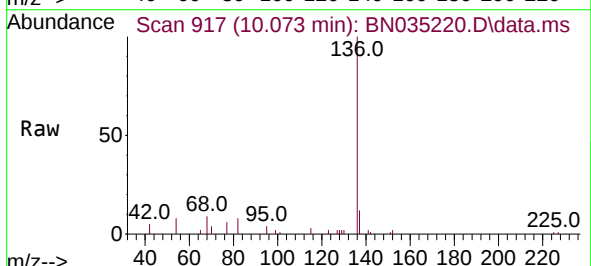
Tgt Ion: 99 Resp: 5198
Ion Ratio Lower Upper
99 100
42 13.4 11.4 17.0
71 36.1 34.6 51.8

Manual Integrations
APPROVED

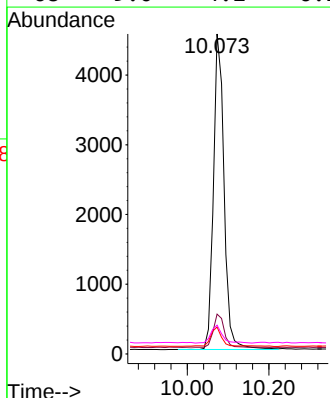
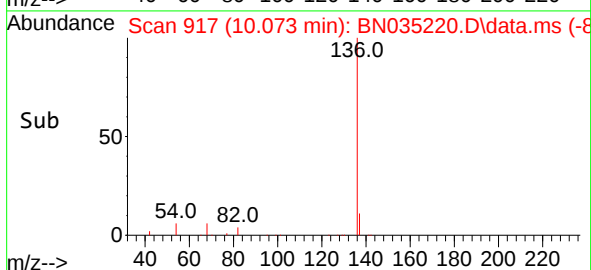
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

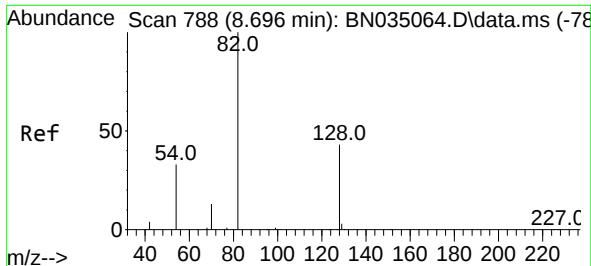


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.073 min Scan# 917
Delta R.T. -0.000 min
Lab File: BN035220.D
Acq: 21 Nov 2024 13:58



Tgt Ion:136 Resp: 8156
Ion Ratio Lower Upper
136 100
137 12.5 9.8 14.8
54 8.4 4.0 6.0#
68 9.0 4.2 6.2#





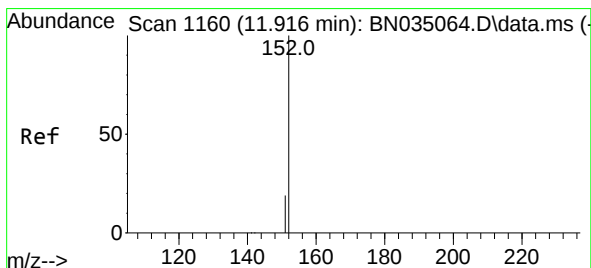
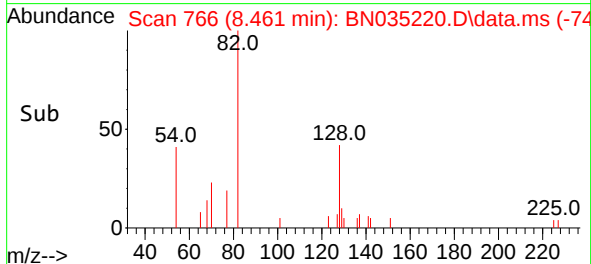
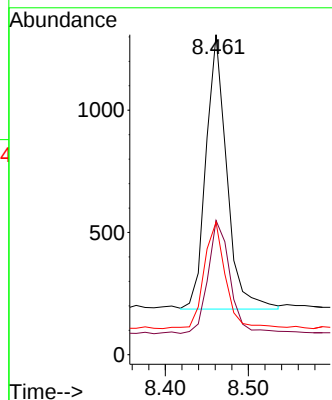
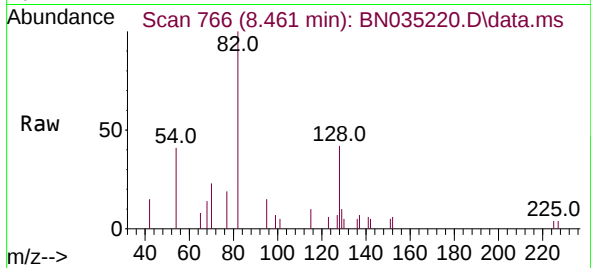
#8
Nitrobenzene-d5
Concen: 0.276 ng m
RT: 8.461 min Scan# 70
Delta R.T. -0.000 min
Lab File: BN035220.D
Acq: 21 Nov 2024 13:58

Instrument :
BNA_N
ClientSampleId :
PB165012BL

Tgt Ion: 82 Resp: 195
Ion Ratio Lower Upper
82 100
128 41.9 36.5 54.7
54 41.4 28.7 43.1

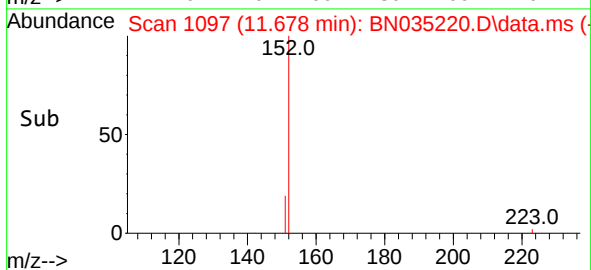
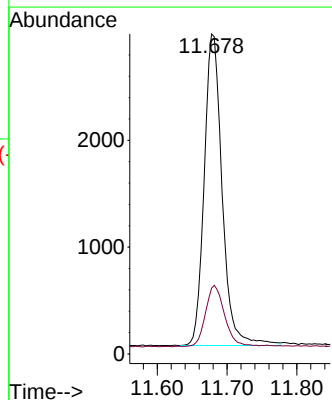
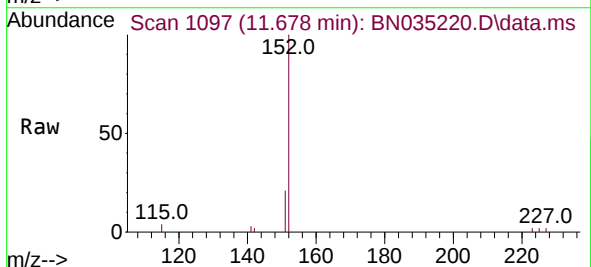
Manual Integrations
APPROVED

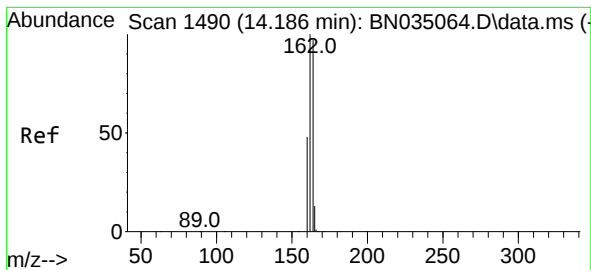
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 11.678 min Scan# 1097
Delta R.T. -0.000 min
Lab File: BN035220.D
Acq: 21 Nov 2024 13:58

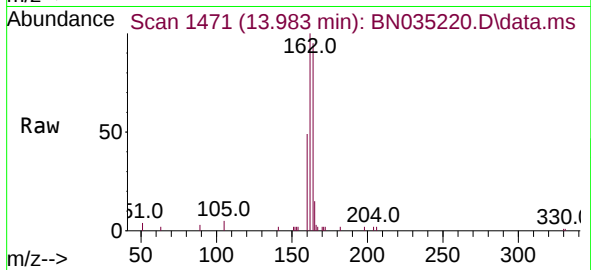
Tgt Ion:152 Resp: 5204
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.983 min Scan# 1490
Delta R.T. -0.004 min
Lab File: BN035220.D
Acq: 21 Nov 2024 13:58

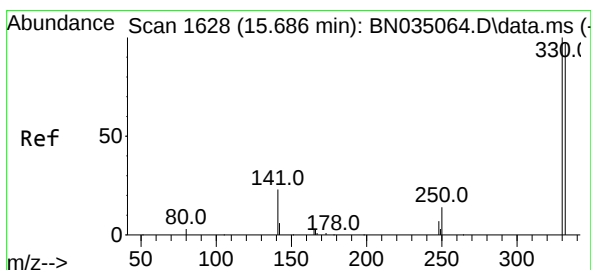
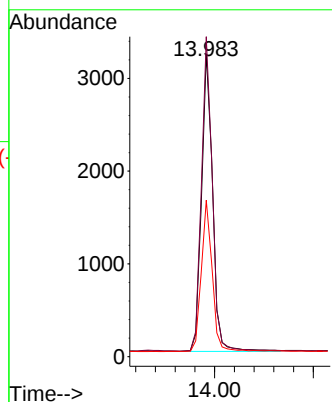
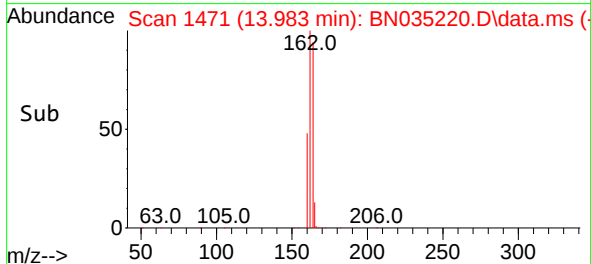
Instrument :
BNA_N
ClientSampleId :
PB165012BL



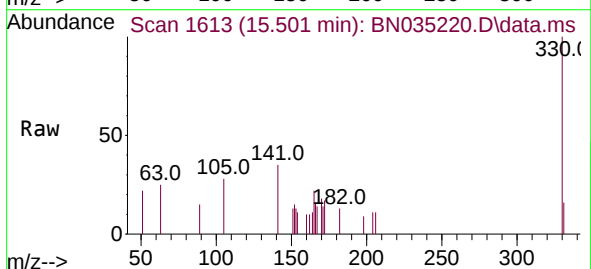
Tgt Ion:164 Resp: 4990
Ion Ratio Lower Upper
164 100
162 105.7 82.2 123.2
160 51.7 40.2 60.4

Manual Integrations
APPROVED

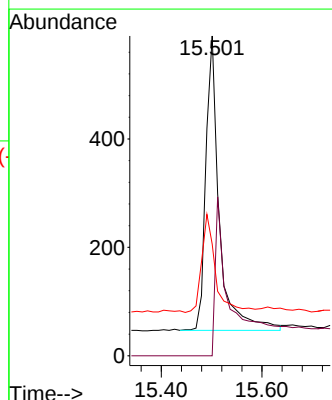
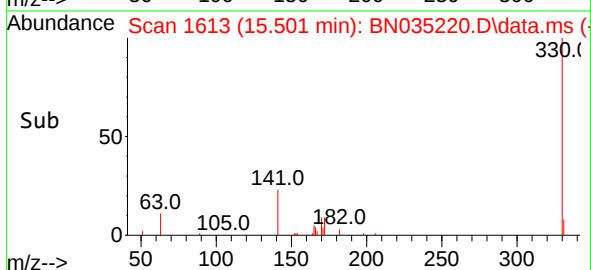
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

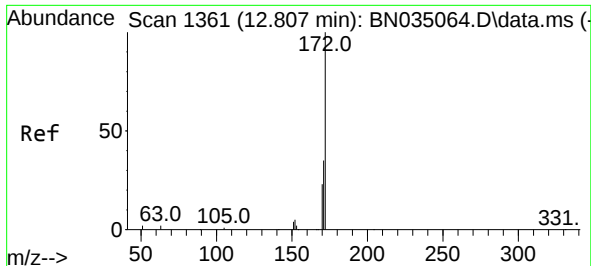


#14
2,4,6-Tribromophenol
Concen: 0.295 ng
RT: 15.501 min Scan# 1613
Delta R.T. 0.007 min
Lab File: BN035220.D
Acq: 21 Nov 2024 13:58



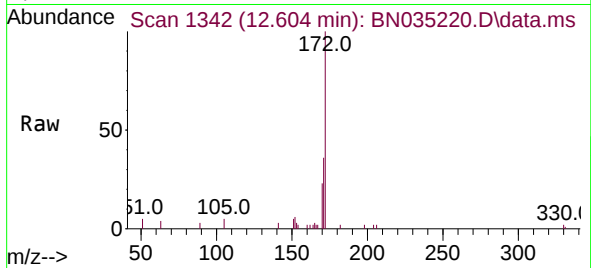
Tgt Ion:330 Resp: 1065
Ion Ratio Lower Upper
330 100
332 68.8 76.9 115.3#
141 0.0 29.6 44.4#





#15
2-Fluorobiphenyl
Concen: 0.167 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN035220.D
Acq: 21 Nov 2024 13:58

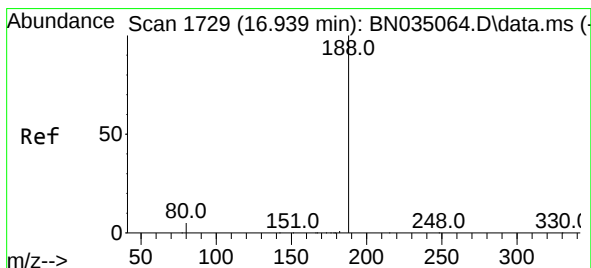
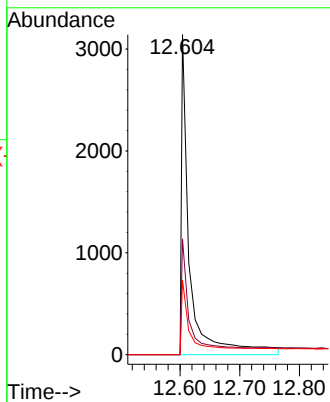
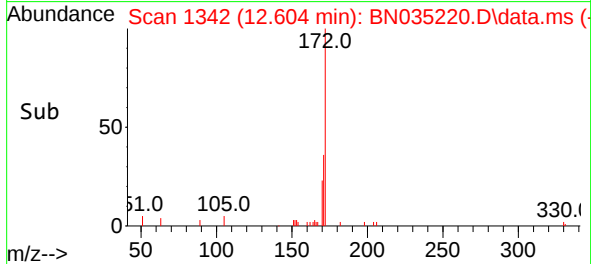
Instrument :
BNA_N
ClientSampleId :
PB165012BL



Tgt Ion:172 Resp: 3380
Ion Ratio Lower Upper
172 100
171 36.2 28.2 42.4
170 23.2 19.0 28.6

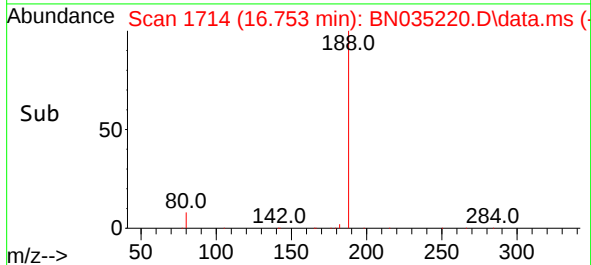
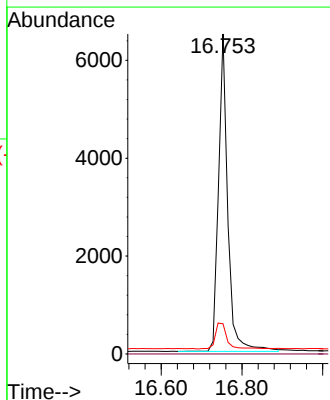
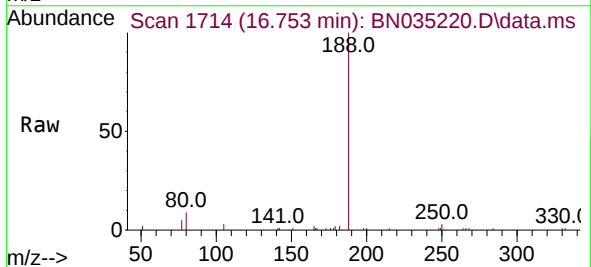
Manual Integrations
APPROVED

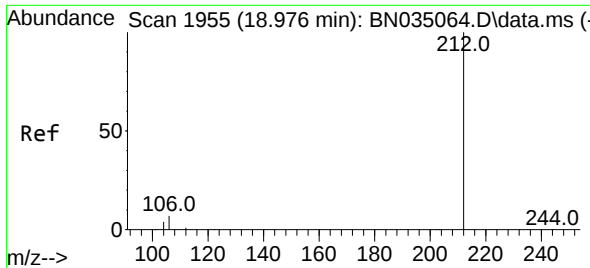
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.753 min Scan# 1714
Delta R.T. 0.007 min
Lab File: BN035220.D
Acq: 21 Nov 2024 13:58

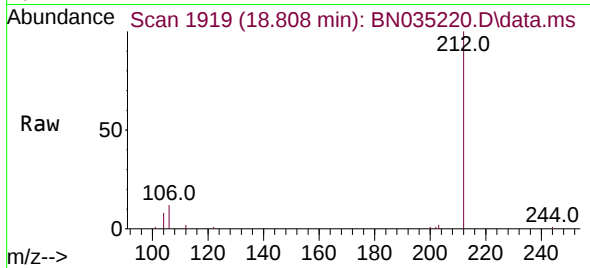
Tgt Ion:188 Resp: 10325
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 4.3 6.5





#27
Fluoranthene-d10
Concen: 0.333 ng
RT: 18.808 min Scan# 1919
Delta R.T. 0.002 min
Lab File: BN035220.D
Acq: 21 Nov 2024 13:58

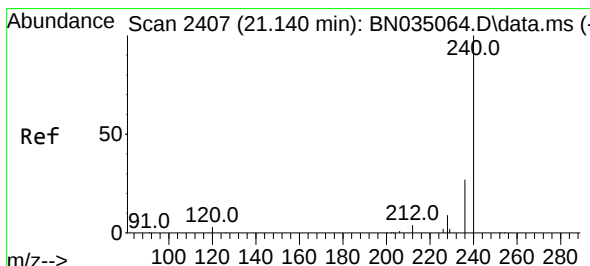
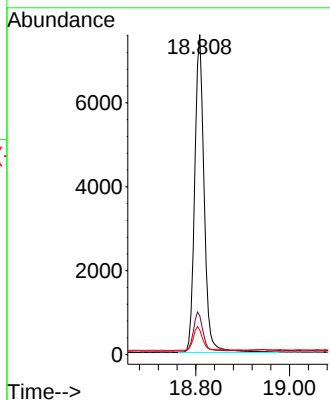
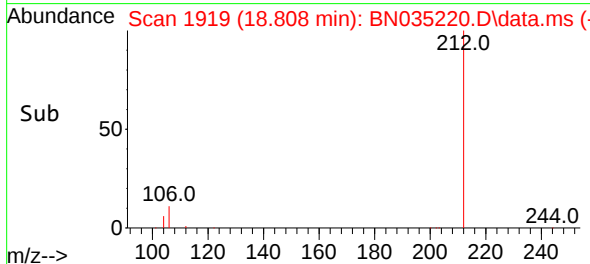
Instrument :
BNA_N
ClientSampleId :
PB165012BL



Tgt Ion:212 Resp: 10530
Ion Ratio Lower Upper
212 100
106 12.3 6.0 9.0#
104 7.3 3.5 5.3#

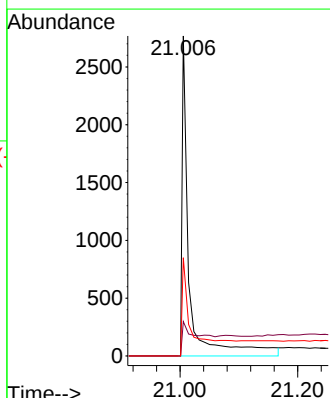
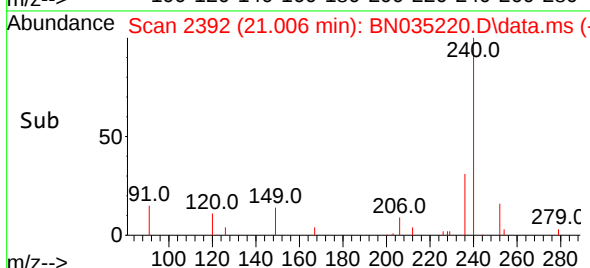
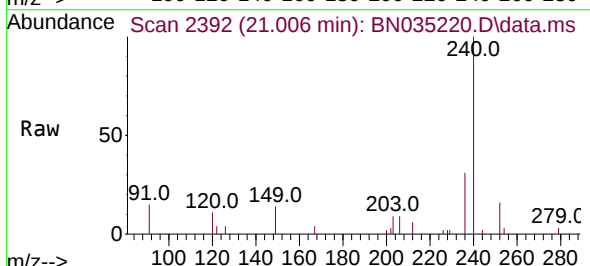
Manual Integrations
APPROVED

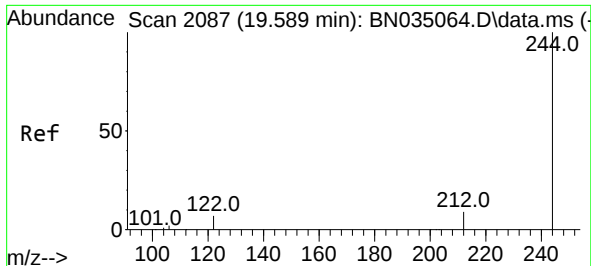
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 2392
Delta R.T. -0.003 min
Lab File: BN035220.D
Acq: 21 Nov 2024 13:58

Tgt Ion:240 Resp: 2547
Ion Ratio Lower Upper
240 100
120 10.8 3.8 5.6#
236 30.7 22.2 33.2





#31
 Terphenyl-d14
 Concen: 1.293 ng
 RT: 19.435 min Scan# 2087
 Delta R.T. -0.003 min
 Lab File: BN035220.D
 Acq: 21 Nov 2024 13:58

Instrument :

BNA_N

ClientSampleId :

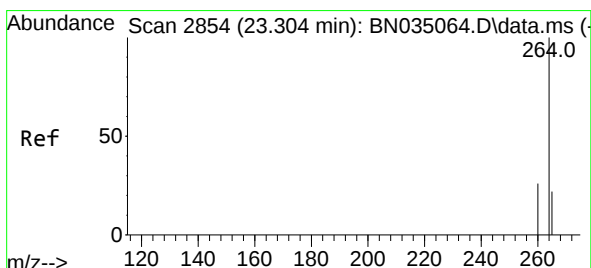
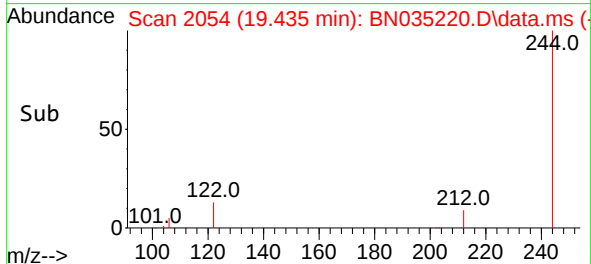
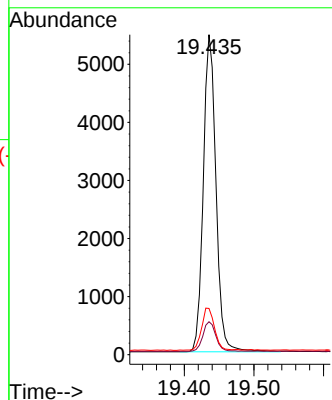
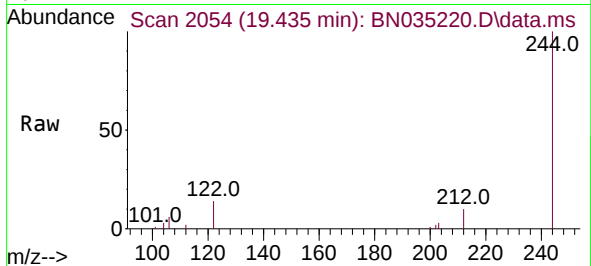
PB165012BL

Tgt Ion:244 Resp: 691
 Ion Ratio Lower Upper
 244 100
 212 10.3 7.6 11.4
 122 14.4 6.1 9.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.105 min Scan# 2786
 Delta R.T. 0.001 min
 Lab File: BN035220.D
 Acq: 21 Nov 2024 13:58

Tgt Ion:264 Resp: 7086
 Ion Ratio Lower Upper
 264 100
 260 27.8 20.9 31.3
 265 64.1 35.4 53.2

