

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091923\
 Data File : BN027745.D
 Acq On : 19 Sep 2023 09:55
 Operator : MA/JU
 Sample : PB155453BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB155453BL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023

Quant Time: Sep 19 11:03:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 14:40:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	2016	0.400	ng	0.00
7) Naphthalene-d8	10.842	136	5755	0.400	ng	0.01
13) Acenaphthene-d10	14.662	164	3836	0.400	ng	0.02
19) Phenanthrene-d10	17.418	188	11462	0.400	ng	0.02
29) Chrysene-d12	21.587	240	12185	0.400	ng	# 0.00
35) Perylene-d12	24.083	264	11642	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.546	112	2028	0.384	ng	0.00
5) Phenol-d6	7.163	99	2107	0.326	ng	0.00
8) Nitrobenzene-d5	9.209	82	1796	0.384	ng	0.00
11) 2-Methylnaphthalene-d10	12.430	152	3121	0.368	ng	0.02
14) 2,4,6-Tribromophenol	16.177	330	477	0.266	ng	0.04
15) 2-Fluorobiphenyl	13.304	172	5112m	0.391	ng	0.03
27) Fluoranthene-d10	19.430	212	13161	0.411	ng	0.00
31) Terphenyl-d14	20.011	244	10977	0.480	ng	0.00

Target Compounds Qvalue

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

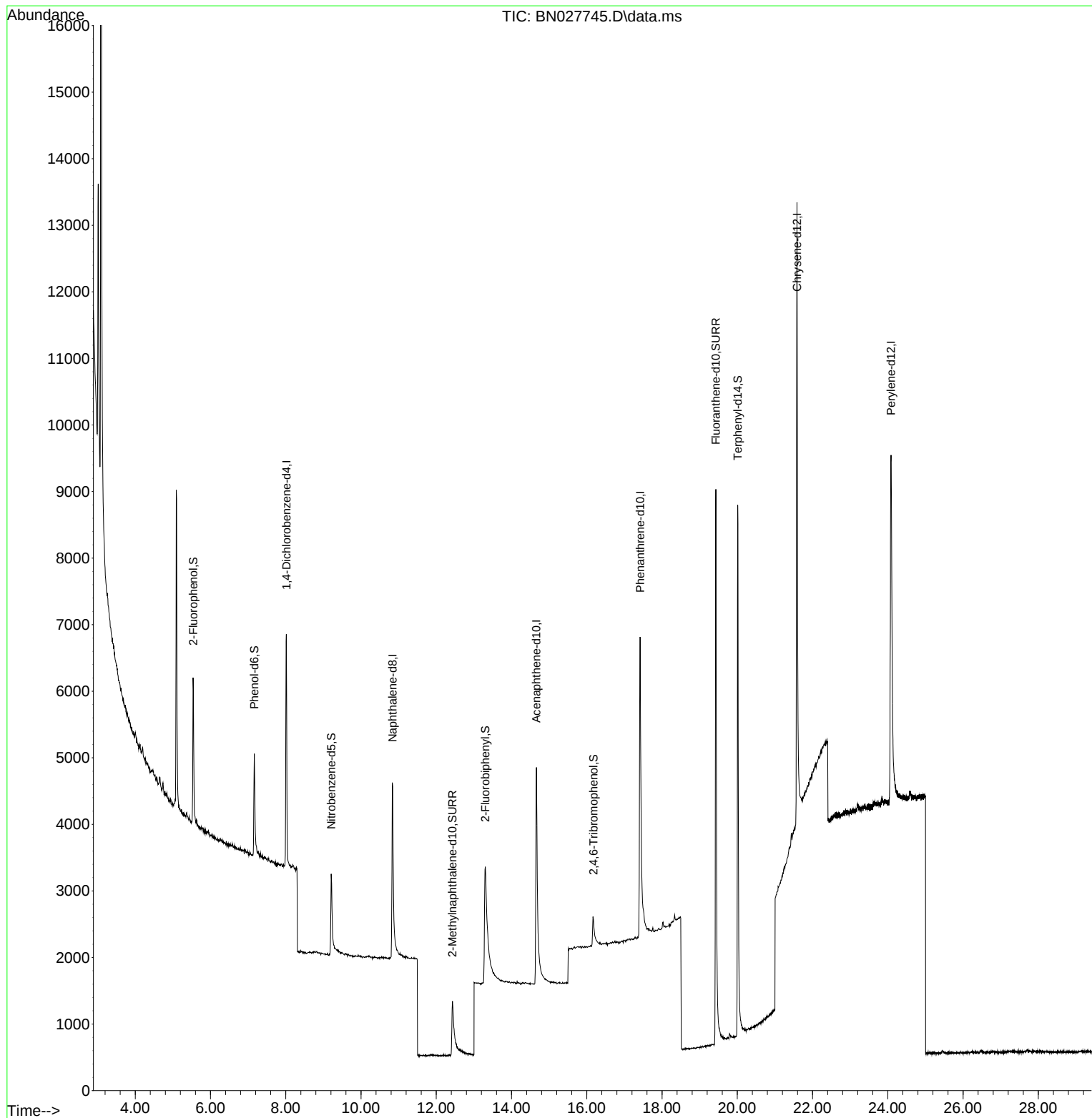
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091923\
Data File : BN027745.D
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Operator : MA/JU
Sample : PB155453BL
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ALS Vial : 3 Sample Multiplier: 1

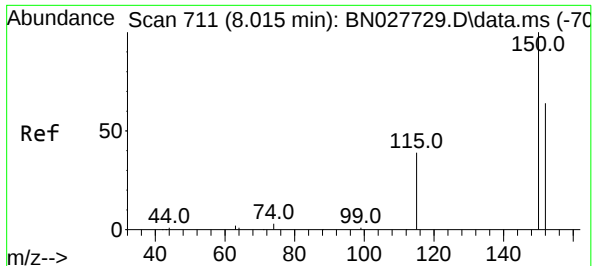
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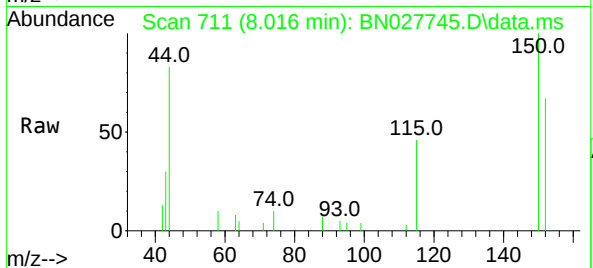
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 14:40:21 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.016 min Scan# 711
Delta R.T. 0.001 min
Lab File: BN027745.D
Acq: 19 Sep 2023 09:55

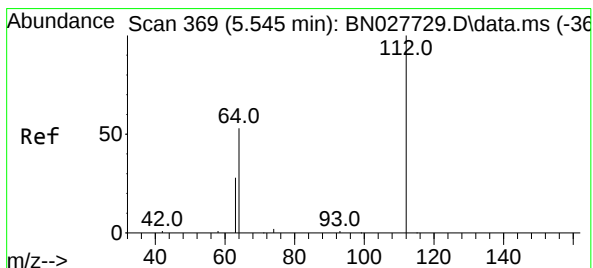
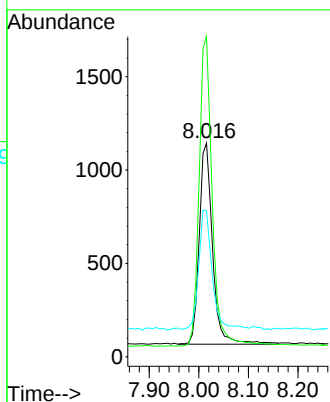
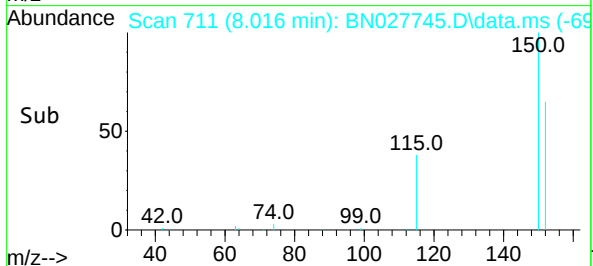
Instrument :
BNA_N
ClientSampleId :
PB155453BL



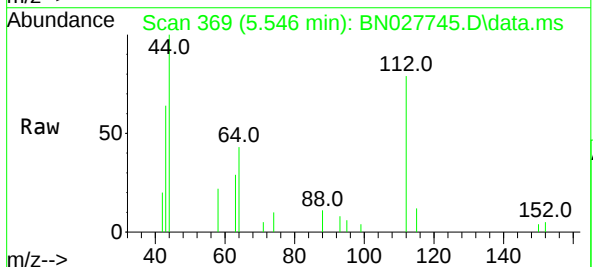
Tgt Ion:152 Resp: 2010
Ion Ratio Lower Upper
152 100
150 149.8 119.2 178.8
115 68.4 53.8 80.8

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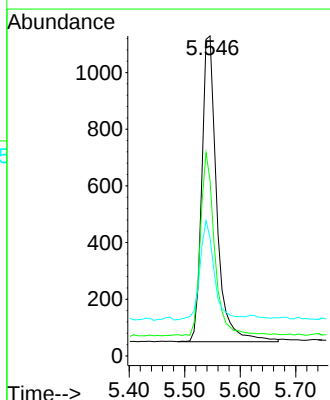
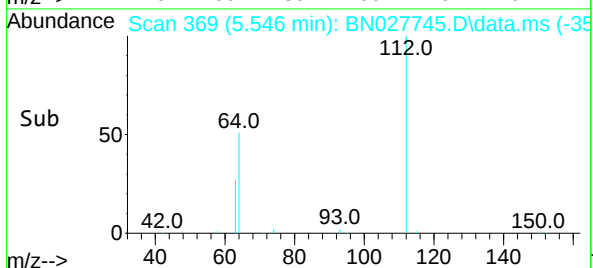
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

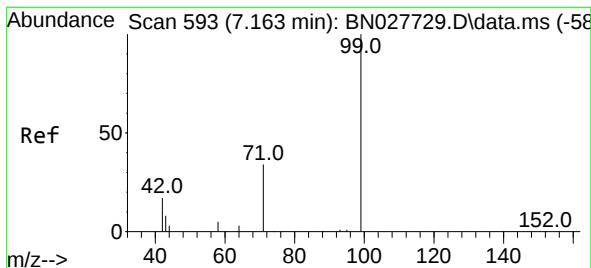


#4
2-Fluorophenol
Concen: 0.384 ng
RT: 5.546 min Scan# 369
Delta R.T. 0.000 min
Lab File: BN027745.D
Acq: 19 Sep 2023 09:55



Tgt Ion:112 Resp: 2028
Ion Ratio Lower Upper
112 100
64 56.8 45.0 67.6
63 30.1 24.1 36.1





#5

Phenol-d6

Concen: 0.326 ng

RT: 7.163 min Scan# 593

Delta R.T. 0.007 min

Lab File: BN027745.D

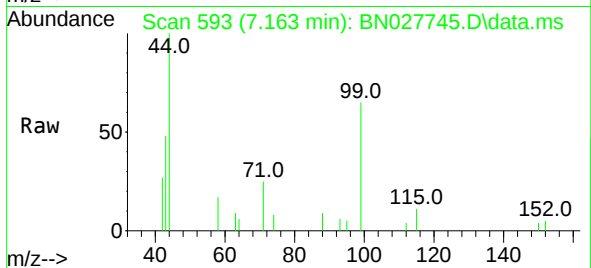
Acq: 19 Sep 2023 09:55

Instrument :

BNA_N

ClientSampleId :

PB155453BL



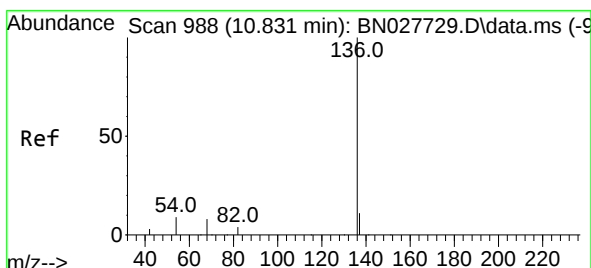
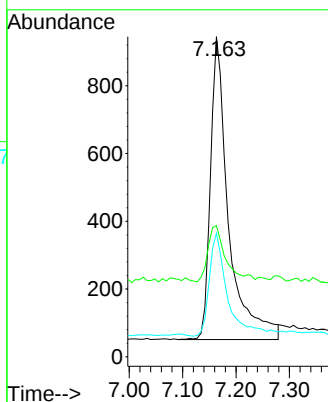
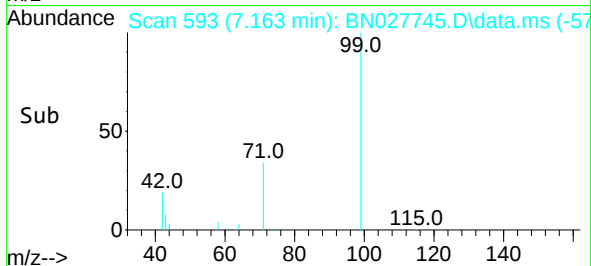
Tgt Ion:	99	Resp:	210
Ion Ratio	100	Lower	Upper
99	100		
42	19.4	15.8	23.8
71	34.6	27.3	40.9

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#7

Naphthalene-d8

Concen: 0.400 ng

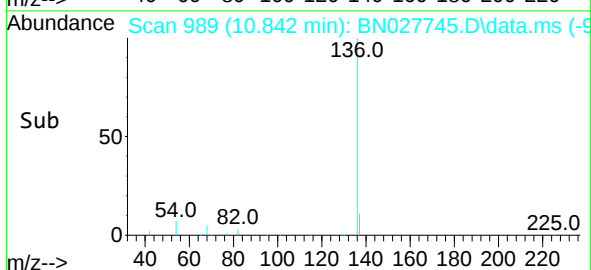
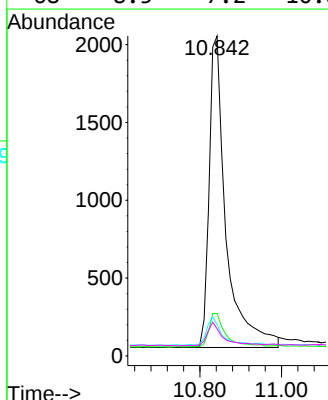
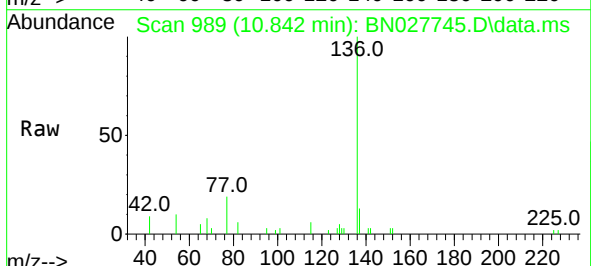
RT: 10.842 min Scan# 989

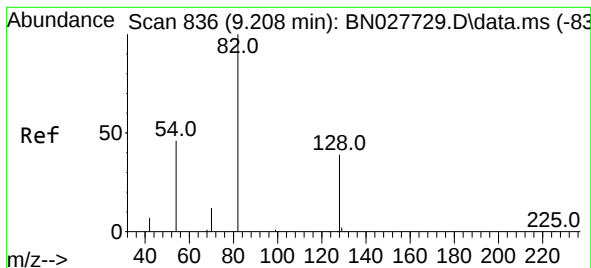
Delta R.T. 0.011 min

Lab File: BN027745.D

Acq: 19 Sep 2023 09:55

Tgt Ion:	136	Resp:	5755
Ion Ratio	100	Lower	Upper
136	100		
137	13.2	9.8	14.8
54	9.8	7.8	11.6
68	8.5	7.2	10.8





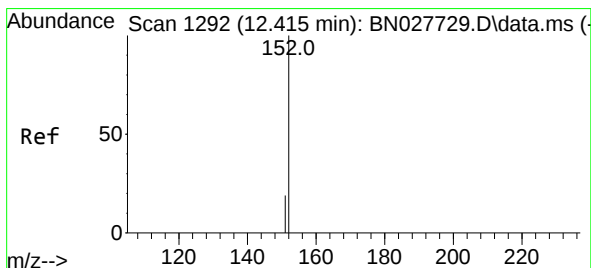
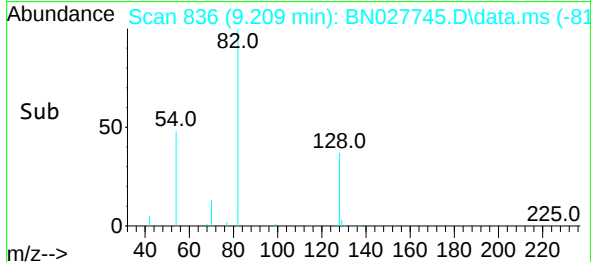
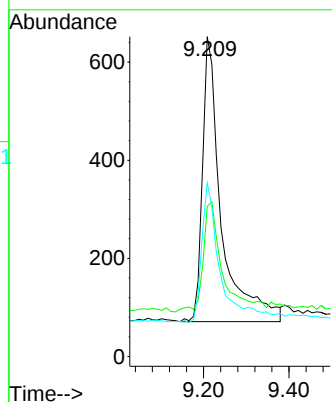
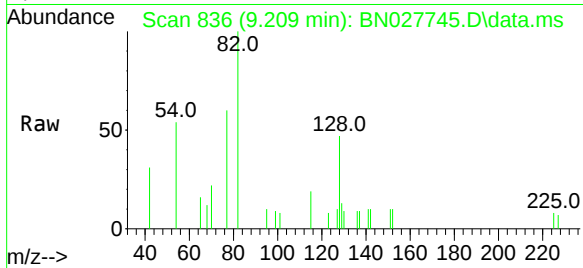
#8
Nitrobenzene-d5
Concen: 0.384 ng
RT: 9.209 min Scan# 81
Delta R.T. 0.000 min
Lab File: BN027745.D
Acq: 19 Sep 2023 09:55

Instrument :
BNA_N
ClientSampleId :
PB155453BL

Tgt Ion: 82 Resp: 1790
Ion Ratio Lower Upper
82 100
128 46.9 35.1 52.7
54 54.3 35.1 52.7

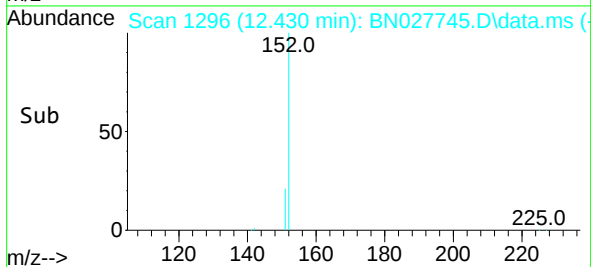
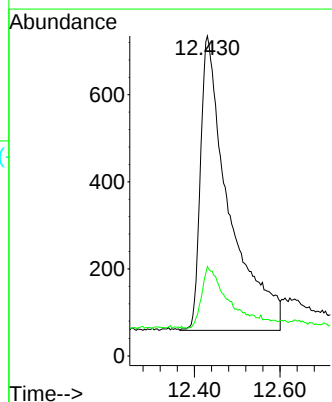
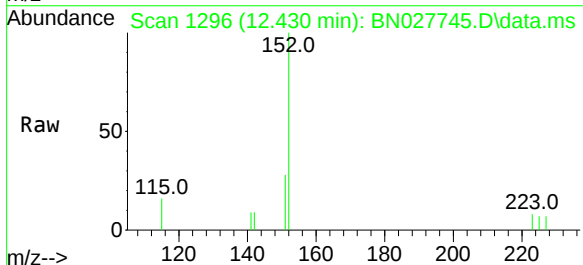
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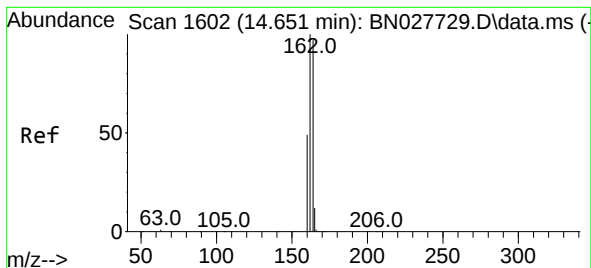
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023



#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 12.430 min Scan# 1296
Delta R.T. 0.019 min
Lab File: BN027745.D
Acq: 19 Sep 2023 09:55

Tgt Ion:152 Resp: 3121
Ion Ratio Lower Upper
152 100
151 18.1 16.5 24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1603

Delta R.T. 0.022 min

Lab File: BN027745.D

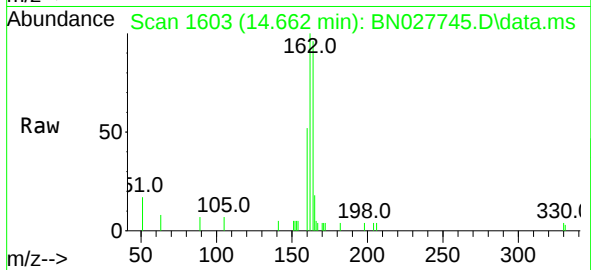
Acq: 19 Sep 2023 09:55

Instrument :

BNA_N

ClientSampleId :

PB155453BL



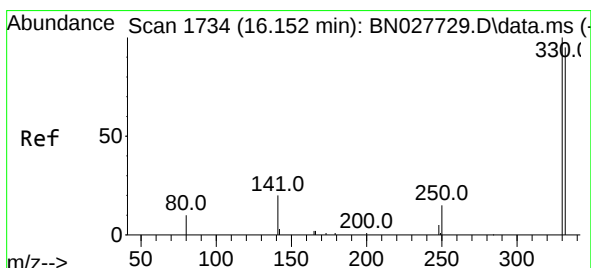
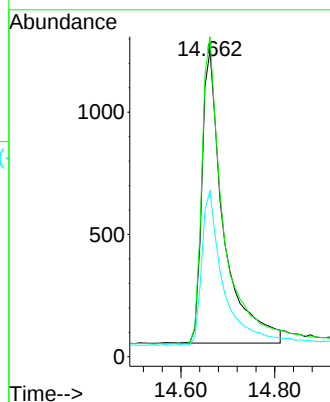
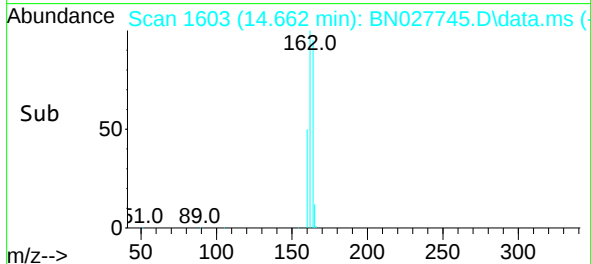
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.4	125.2
160	54.2	41.0	61.4

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Supervised By :mohammad ahmed 09/20/2023



#14

2,4,6-Tribromophenol

Concen: 0.266 ng

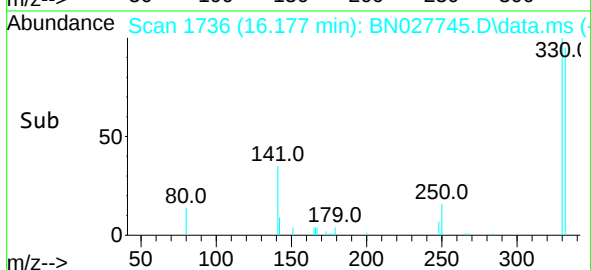
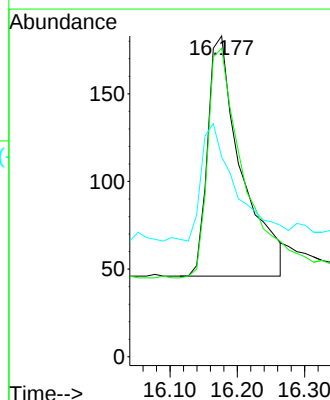
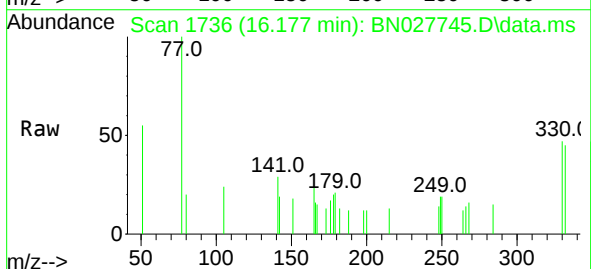
RT: 16.177 min Scan# 1736

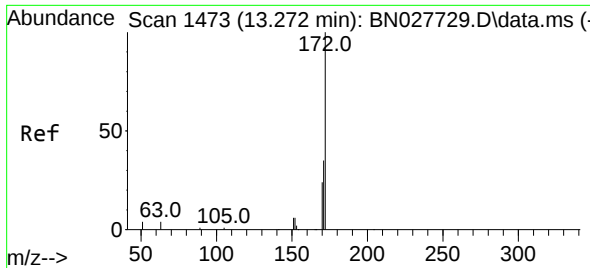
Delta R.T. 0.037 min

Lab File: BN027745.D

Acq: 19 Sep 2023 09:55

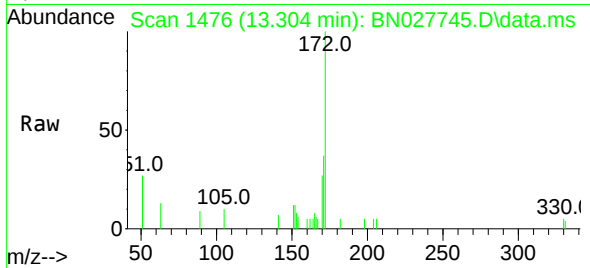
Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.0	76.6	115.0
141	50.9	38.2	57.2





#15
2-Fluorobiphenyl
Concen: 0.391 ng m
RT: 13.304 min Scan# 1476
Delta R.T. 0.032 min
Lab File: BN027745.D
Acq: 19 Sep 2023 09:55

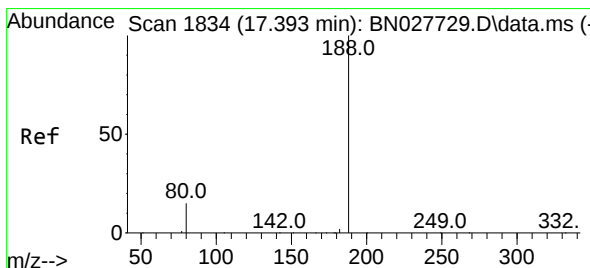
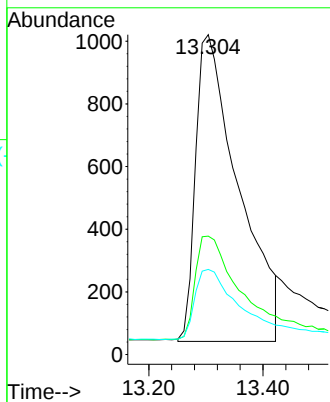
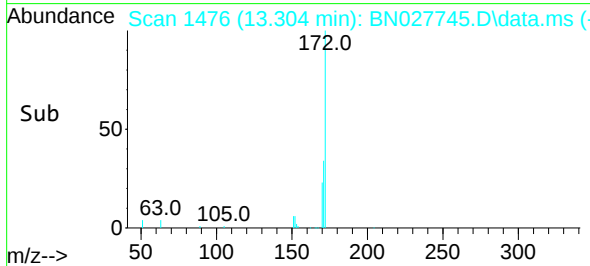
Instrument :
BNA_N
ClientSampleId :
PB155453BL



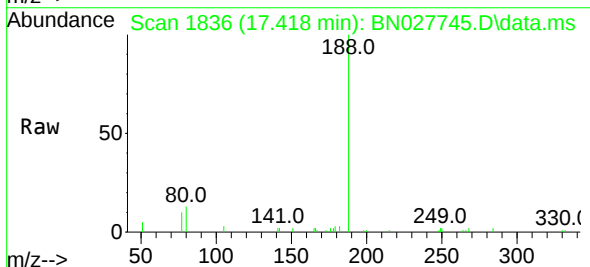
Tgt Ion:172 Resp: 511
Ion Ratio Lower Upper
172 100
171 37.0 27.6 41.4
170 26.6 18.7 28.1

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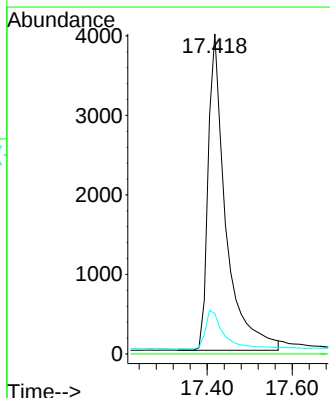
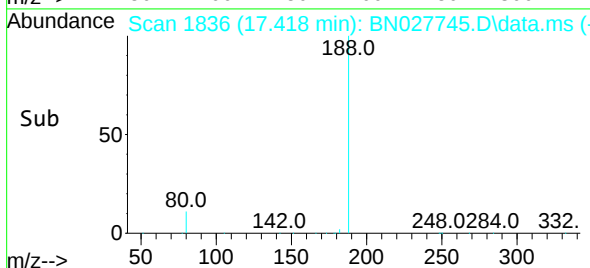
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/20/2023

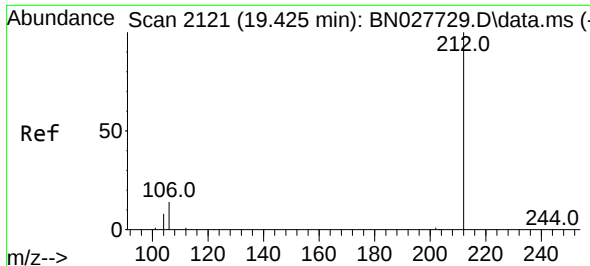


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.418 min Scan# 1836
Delta R.T. 0.025 min
Lab File: BN027745.D
Acq: 19 Sep 2023 09:55



Tgt Ion:188 Resp: 11462
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 9.5 14.3





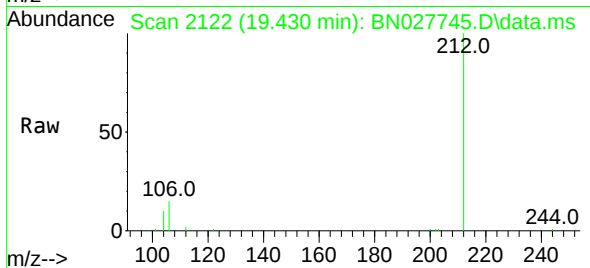
#27
Fluoranthene-d10
Concen: 0.411 ng
RT: 19.430 min Scan# 2122
Delta R.T. 0.009 min
Lab File: BN027745.D
Acq: 19 Sep 2023 09:55

Instrument :

BNA_N

ClientSampleId :

PB155453BL



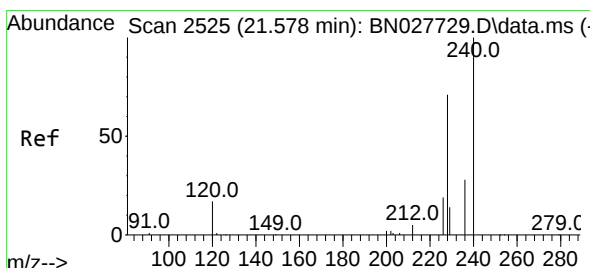
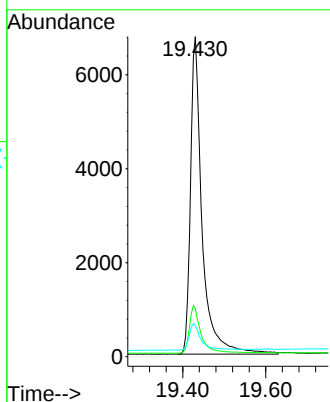
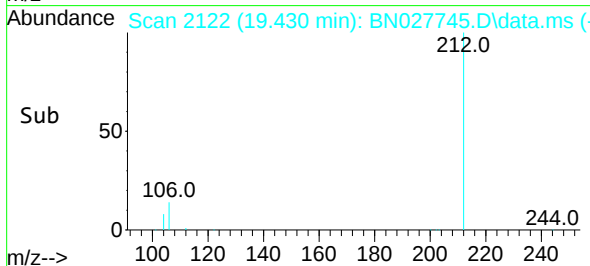
Tgt Ion:212 Resp: 1316
Ion Ratio Lower Upper
212 100
106 15.0 11.9 17.9
104 8.9 6.7 10.1

Manual Integrations

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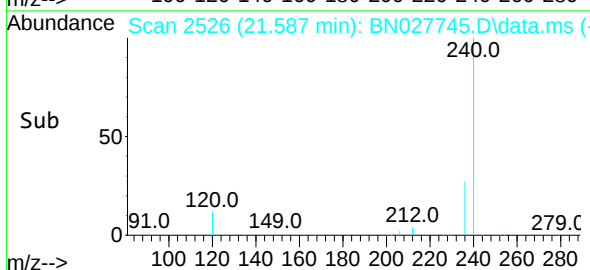
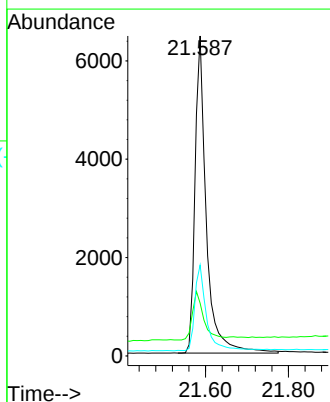
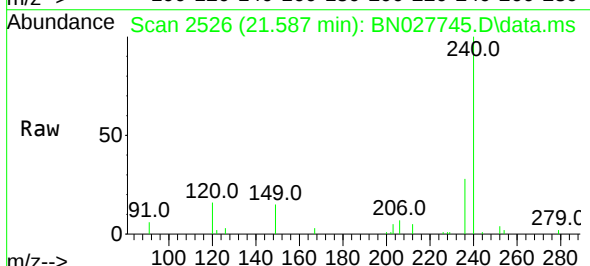
Reviewed By :Yogesh Patel 09/20/2023

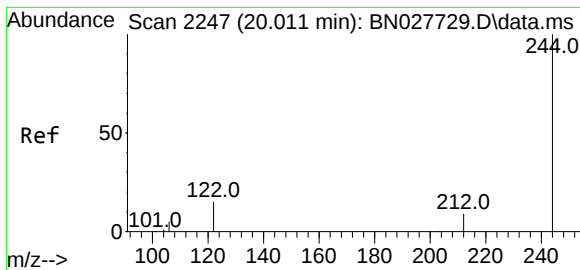
Supervised By :mohammad ahmed 09/20/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2526
Delta R.T. 0.009 min
Lab File: BN027745.D
Acq: 19 Sep 2023 09:55

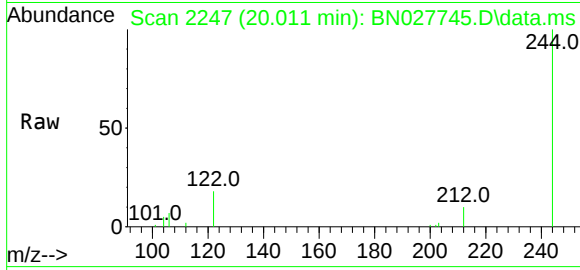
Tgt Ion:240 Resp: 12185
Ion Ratio Lower Upper
240 100
120 16.5 10.7 16.1#
236 28.4 22.4 33.6





#31
 Terphenyl-d14
 Concen: 0.480 ng
 RT: 20.011 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN027745.D
 Acq: 19 Sep 2023 09:55

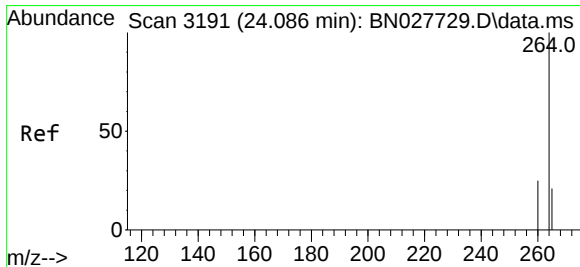
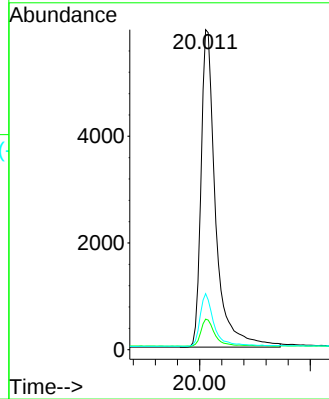
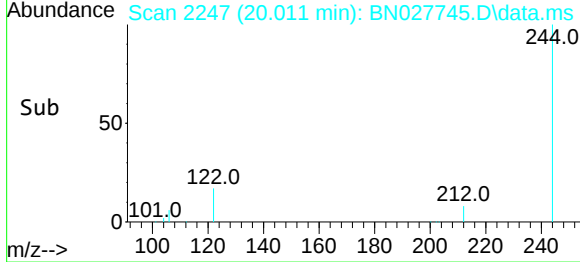
Instrument :
 BNA_N
 ClientSampleId :
 PB155453BL



Tgt Ion:244 Resp: 1097
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.0 10.4
 122 17.5 12.7 19.1

Manual Integrations
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 Supervised By :mohammad ahmed 09/20/2023



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.083 min Scan# 3190
 Delta R.T. 0.012 min
 Lab File: BN027745.D
 Acq: 19 Sep 2023 09:55

Tgt Ion:264 Resp: 11642
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.9 31.3
 265 91.5 56.6 85.0#

