

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027304.D
 Acq On : 31 Aug 2023 11:25
 Operator : MA/JU
 Sample : 04126-17DL 5X
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20230821DL

Quant Time: Sep 01 03:47:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 05:37:30 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	3543	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	8635	0.400	ng	#-0.01
13) Acenaphthene-d10	14.694	164	5350	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	12795	0.400	ng	0.01
29) Chrysene-d12	21.632	240	9035	0.400	ng	0.00
35) Perylene-d12	24.159	264	7506	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	271	0.029	ng	0.00
5) Phenol-d6	7.207	99	159	0.014	ng	0.00
8) Nitrobenzene-d5	9.251	82	669	0.106	ng	-0.01
11) 2-Methylnaphthalene-d10	12.468	152	1217	0.096	ng	0.00
14) 2,4,6-Tribromophenol	16.202	330	176	0.089	ng	0.01
15) 2-Fluorobiphenyl	13.336	172	1924m	0.095	ng	0.01
27) Fluoranthene-d10	19.467	212	3800	0.119	ng	0.00
31) Terphenyl-d14	20.053	244	2608	0.144	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	8641	1.998	ng	93
34) Bis(2-ethylhexyl)phtha...	21.480	149	1081	0.072	ng	96

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

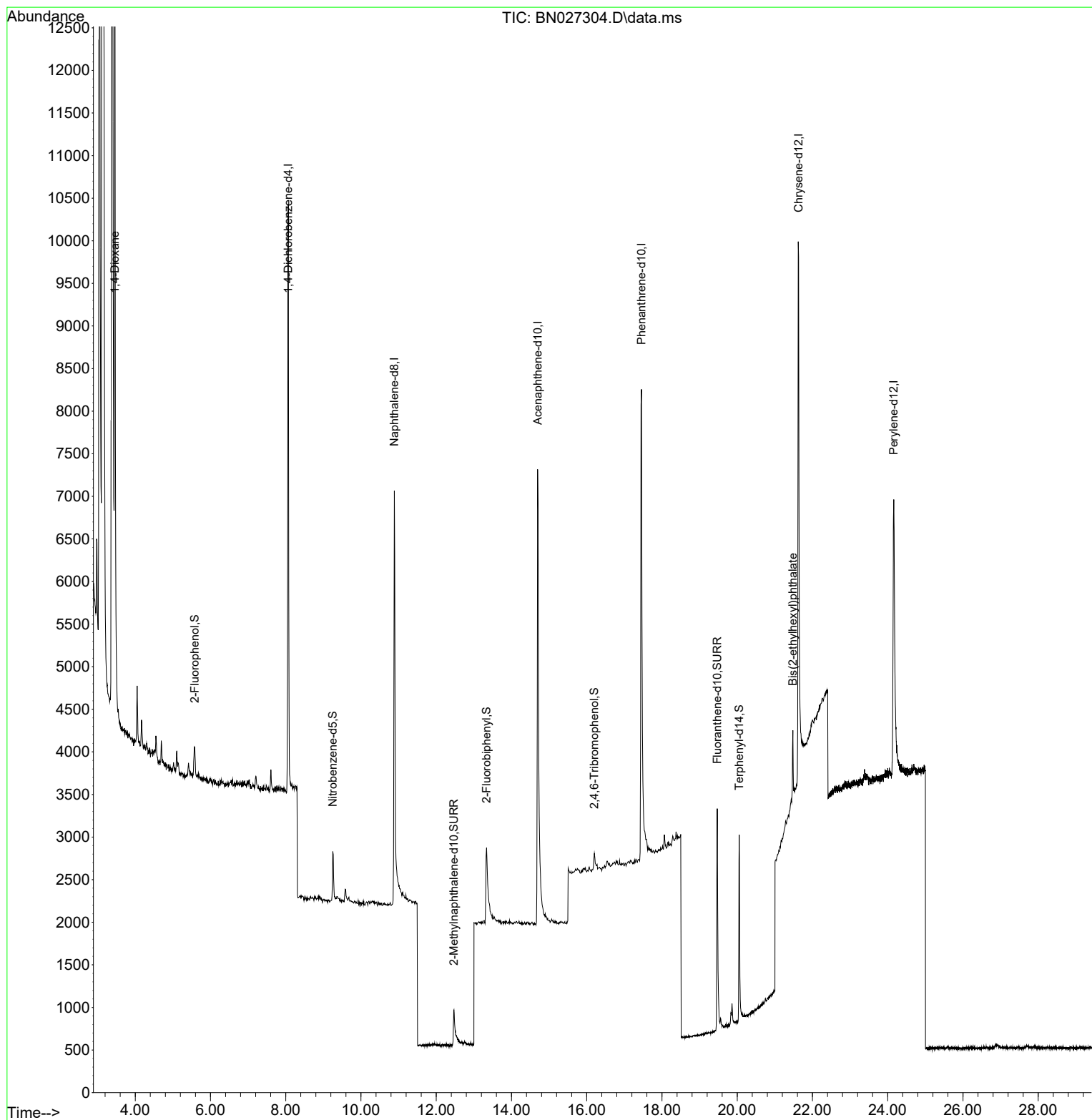
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027304.D
Acq On : 31 Aug 2023 11:25
Operator : MA/JU
Sample : 04126-17DL 5X
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821DL

Quant Time: Sep 01 03:47:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration

Manual Integrations
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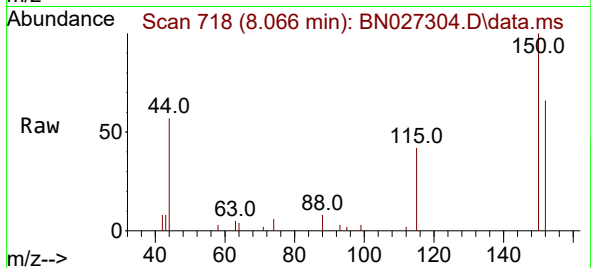
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.066 min Scan# 719
Delta R.T. -0.007 min
Lab File: BN027304.D
Acq: 31 Aug 2023 11:25

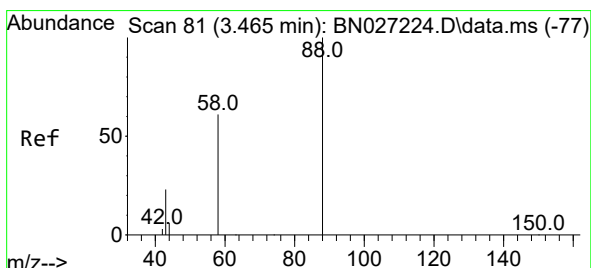
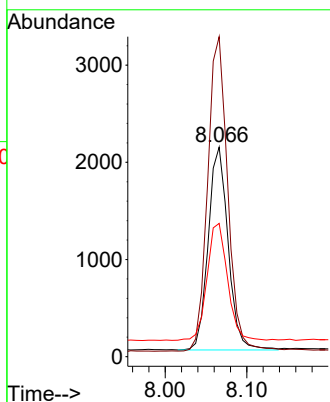
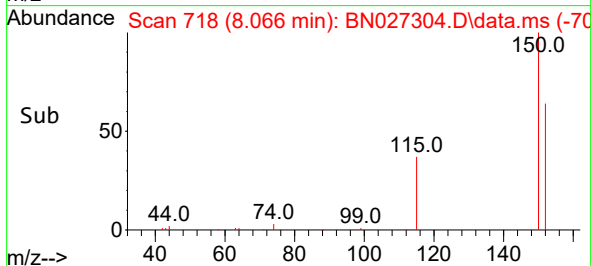
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821DL



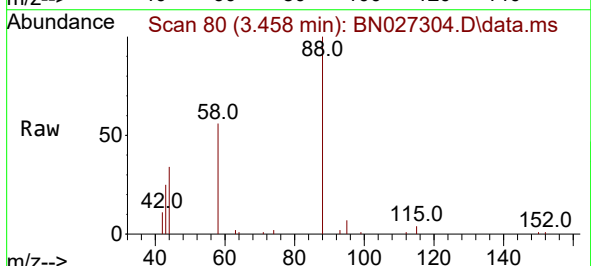
Tgt Ion: 152 Resp: 354
Ion Ratio Lower Upper
152 100
150 152.7 122.7 184.1
115 63.6 48.6 73.0

Manual Integrations
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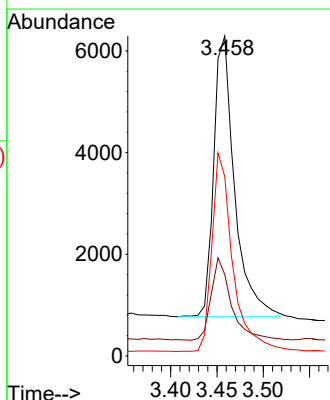
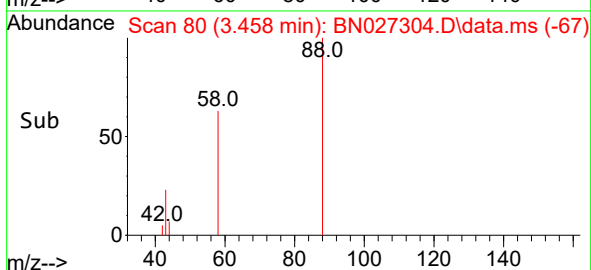
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#2
1,4-Dioxane
Concen: 1.998 ng
RT: 3.458 min Scan# 80
Delta R.T. -0.007 min
Lab File: BN027304.D
Acq: 31 Aug 2023 11:25



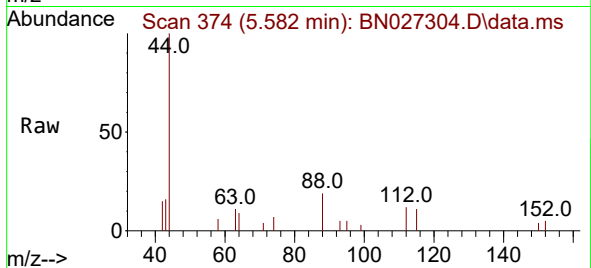
Tgt Ion: 88 Resp: 8641
Ion Ratio Lower Upper
88 100
43 28.4 19.1 28.7
58 70.3 52.2 78.2





#4
2-Fluorophenol
Concen: 0.029 ng
RT: 5.582 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027304.D
Acq: 31 Aug 2023 11:25

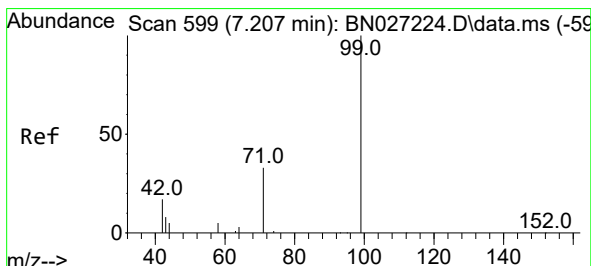
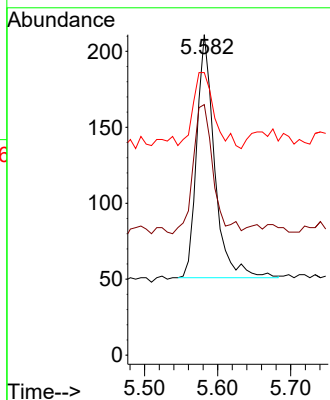
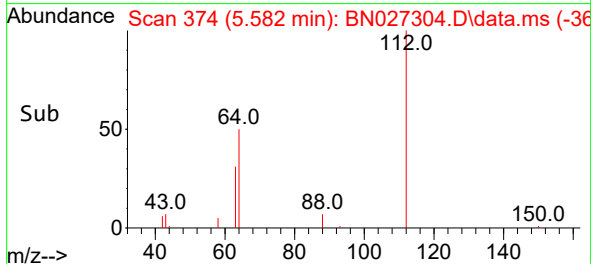
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821DL



Tgt Ion: 112 Resp: 27
Ion Ratio Lower Upper
112 100
64 59.8 44.4 66.6
63 37.3 23.1 34.7

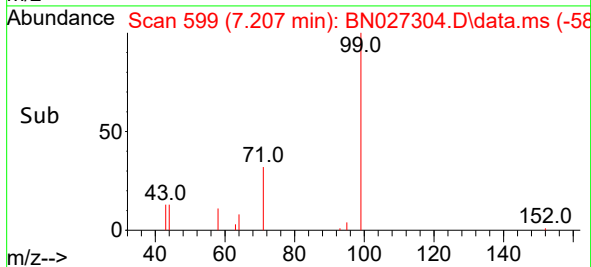
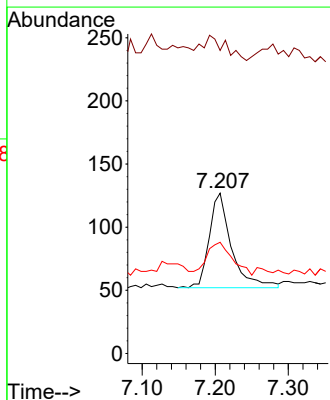
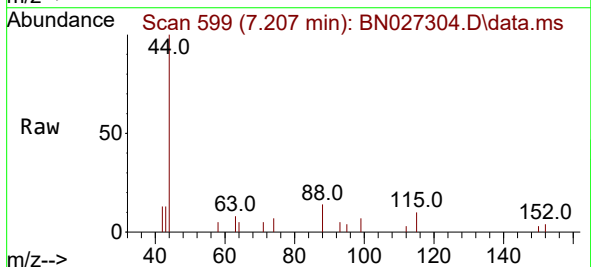
Manual Integrations
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Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#5
Phenol-d6
Concen: 0.014 ng
RT: 7.207 min Scan# 599
Delta R.T. 0.000 min
Lab File: BN027304.D
Acq: 31 Aug 2023 11:25

Tgt Ion: 99 Resp: 159
Ion Ratio Lower Upper
99 100
42 27.0 14.5 21.7#
71 39.0 25.8 38.6#





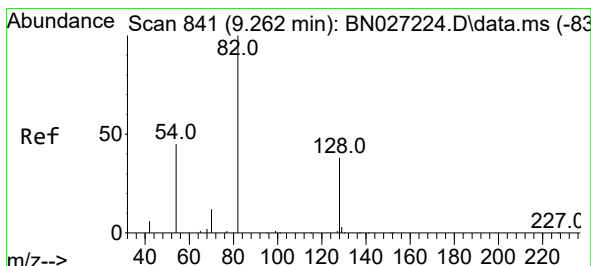
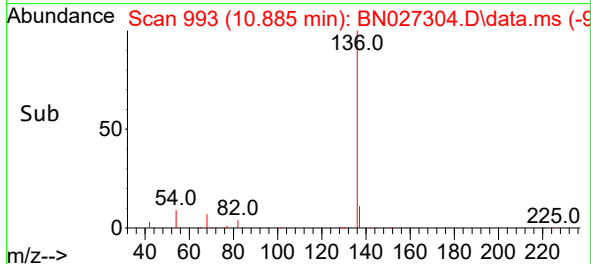
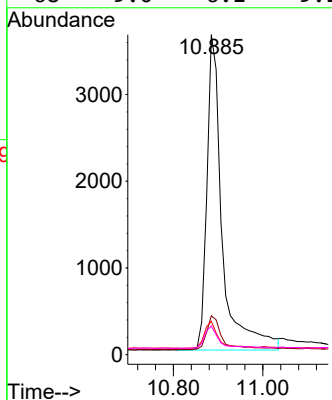
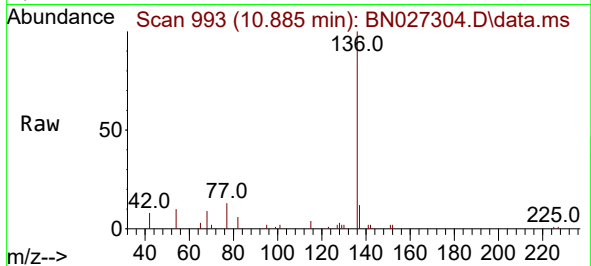
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.885 min Scan# 994
Delta R.T. -0.011 min
Lab File: BN027304.D
Acq: 31 Aug 2023 11:25

Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821DL

Tgt Ion:	136	Resp:	863
Ion Ratio	Lower	Upper	
136	100		
137	12.2	9.3	13.9
54	10.4	6.7	10.1
68	9.0	6.1	9.1

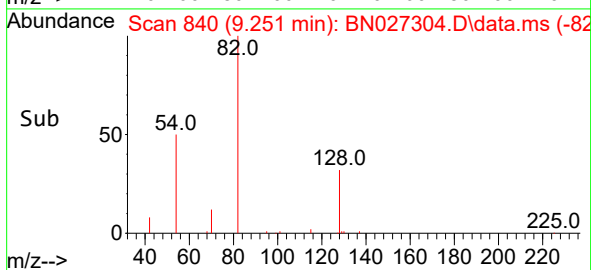
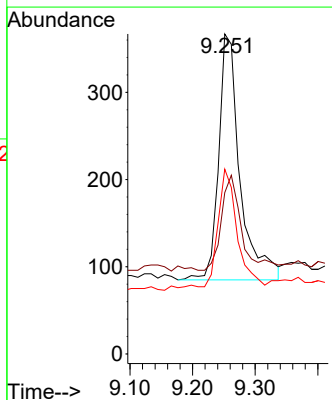
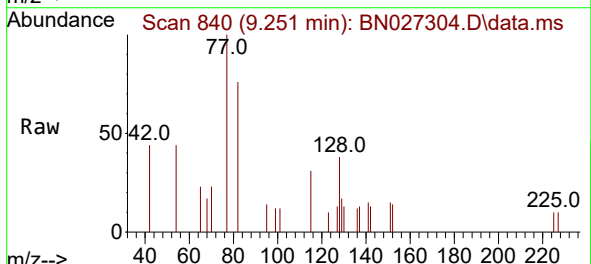
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Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#8
Nitrobenzene-d5
Concen: 0.106 ng
RT: 9.251 min Scan# 840
Delta R.T. -0.011 min
Lab File: BN027304.D
Acq: 31 Aug 2023 11:25

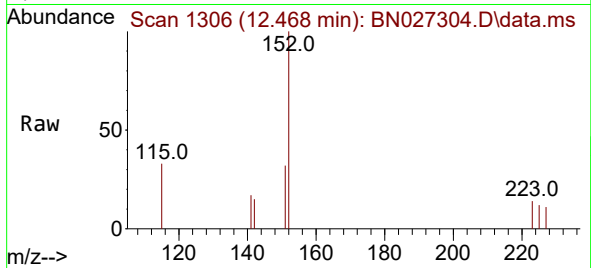
Tgt Ion:	82	Resp:	669
Ion Ratio	Lower	Upper	
82	100		
128	50.4	33.4	50.0#
54	57.8	37.7	56.5#





#11
2-Methylnaphthalene-d10
Concen: 0.096 ng
RT: 12.468 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027304.D
Acq: 31 Aug 2023 11:25

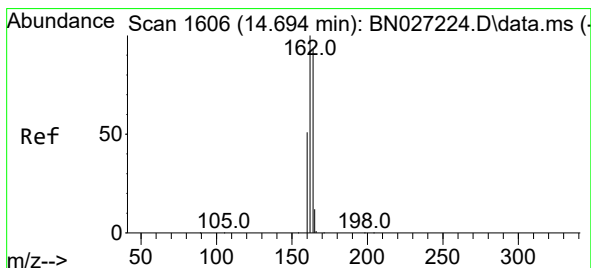
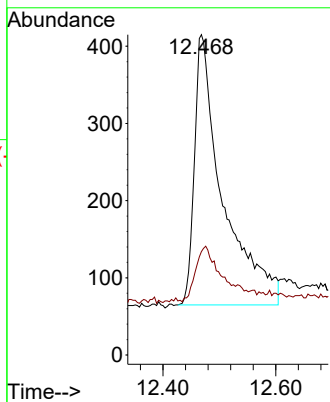
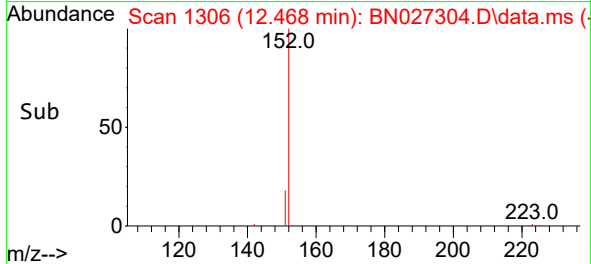
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821DL



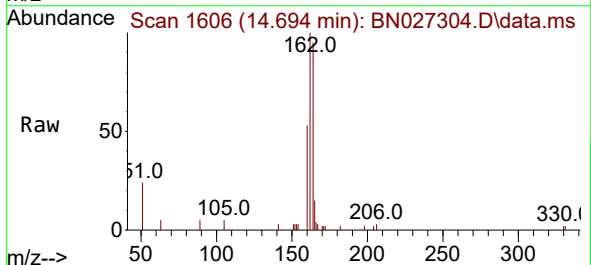
Tgt Ion:152 Resp: 121
Ion Ratio Lower Upper
152 100
151 19.3 16.6 25.0

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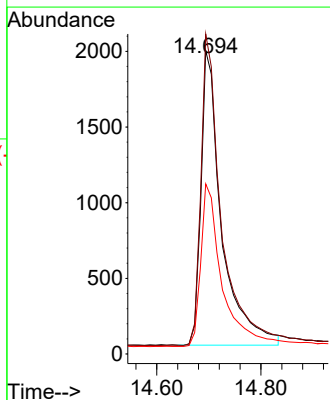
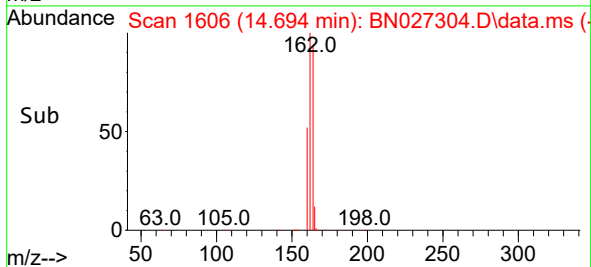
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

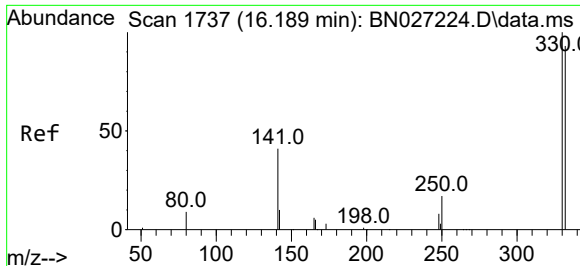


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BN027304.D
Acq: 31 Aug 2023 11:25



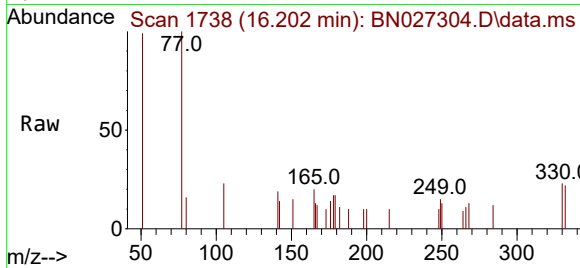
Tgt Ion:164 Resp: 5350
Ion Ratio Lower Upper
164 100
162 105.5 85.8 128.8
160 56.1 44.2 66.2





#14
2,4,6-Tribromophenol
Concen: 0.089 ng
RT: 16.202 min Scan# 1738
Delta R.T. 0.012 min
Lab File: BN027304.D
Acq: 31 Aug 2023 11:25

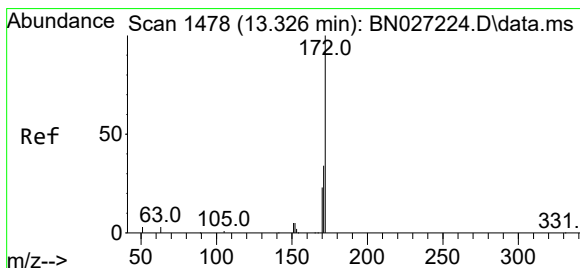
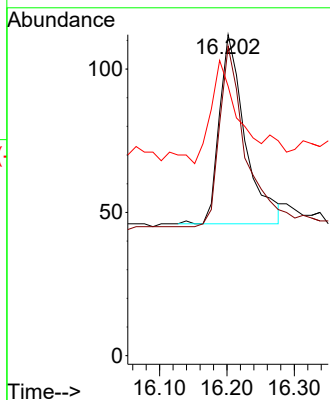
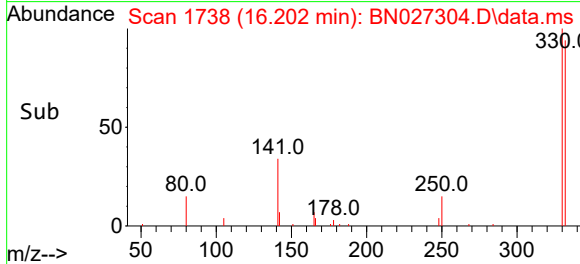
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821DL



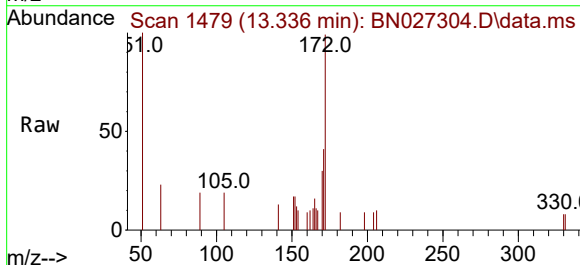
Tgt Ion:330 Resp: 170
Ion Ratio Lower Upper
330 100
332 97.2 75.2 112.8
141 65.9 36.2 54.4

Manual Integrations
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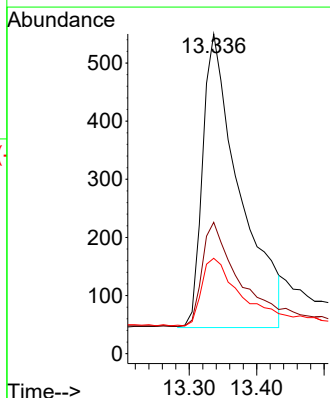
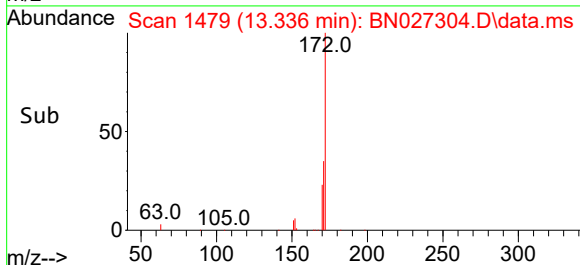
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

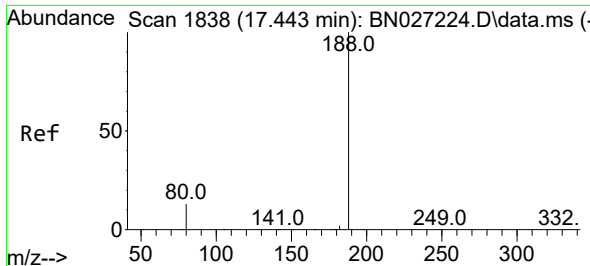


#15
2-Fluorobiphenyl
Concen: 0.095 ng m
RT: 13.336 min Scan# 1479
Delta R.T. 0.011 min
Lab File: BN027304.D
Acq: 31 Aug 2023 11:25



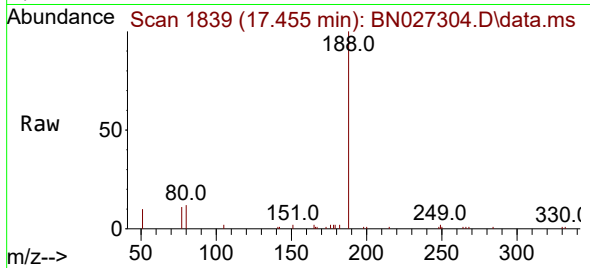
Tgt Ion:172 Resp: 1924
Ion Ratio Lower Upper
172 100
171 41.1 27.8 41.8
170 29.8 19.3 28.9





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.012 min
Lab File: BN027304.D
Acq: 31 Aug 2023 11:25

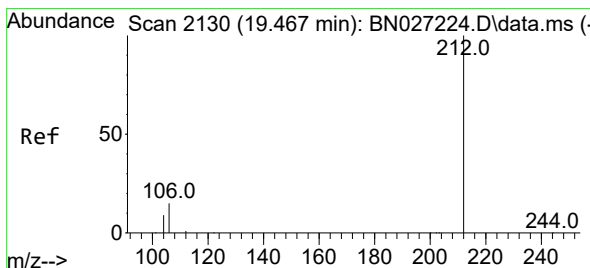
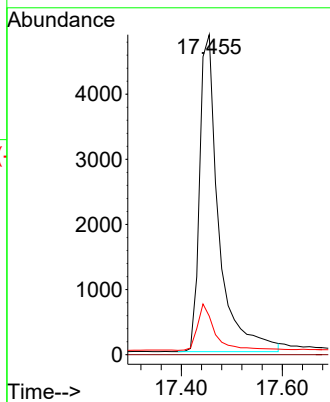
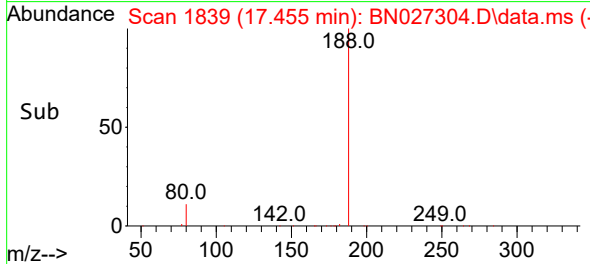
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821DL



Tgt Ion:188 Resp: 1279
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 11.0 16.6

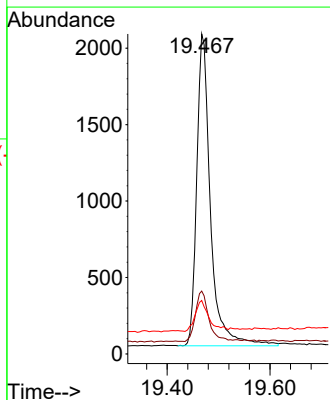
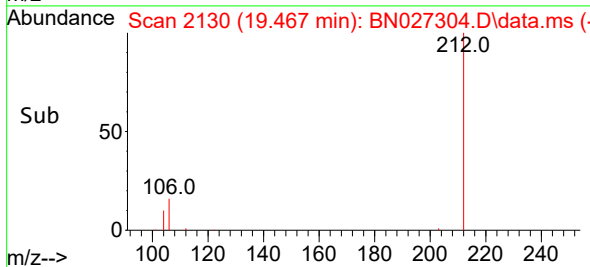
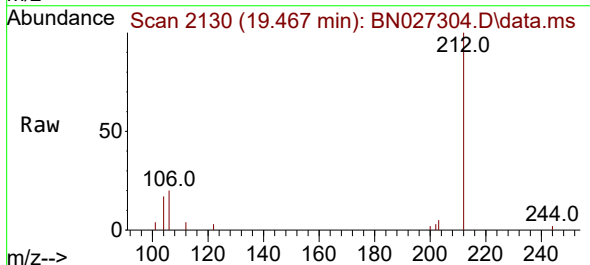
Manual Integrations
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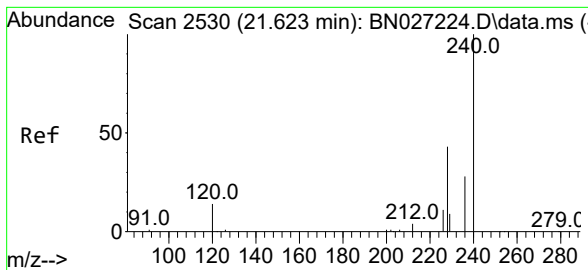
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#27
Fluoranthene-d10
Concen: 0.119 ng
RT: 19.467 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BN027304.D
Acq: 31 Aug 2023 11:25

Tgt Ion:212 Resp: 3800
Ion Ratio Lower Upper
212 100
106 15.6 12.1 18.1
104 10.0 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.632 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN027304.D

Acq: 31 Aug 2023 11:25

Instrument :

BNA_N

ClientSampleId :

RE131D2-20230821DL

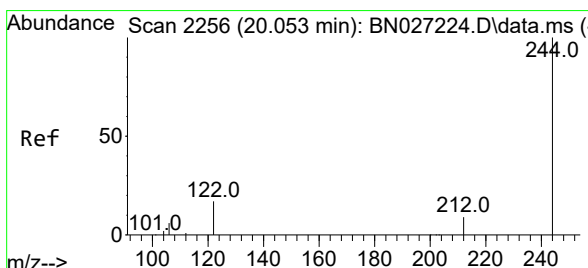
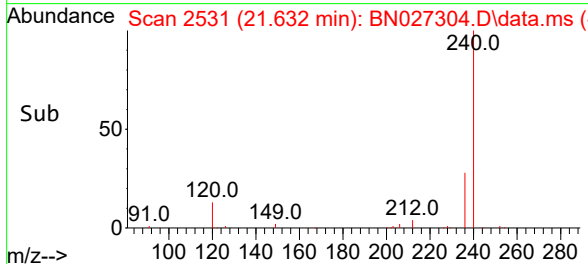
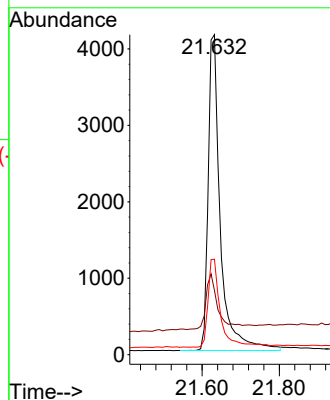
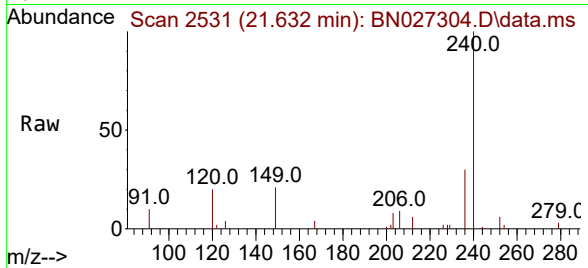
Tgt Ion:240	Resp:	903
Ion Ratio	Lower	Upper
240	100	
120	20.1	14.2 21.4
236	29.9	22.9 34.3

Manual Integrations

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Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#31

Terphenyl-d14

Concen: 0.144 ng

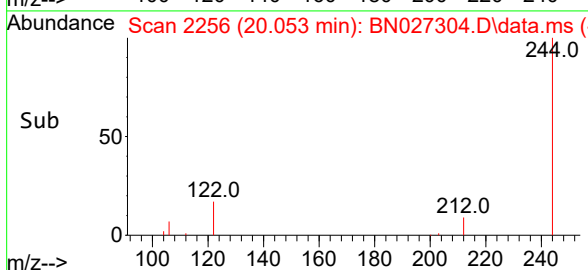
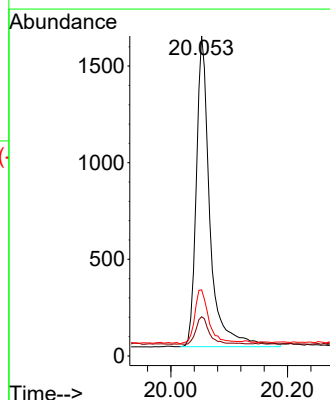
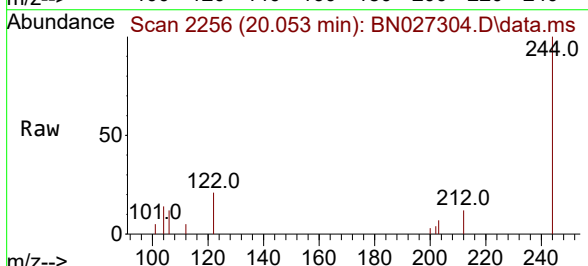
RT: 20.053 min Scan# 2256

Delta R.T. 0.000 min

Lab File: BN027304.D

Acq: 31 Aug 2023 11:25

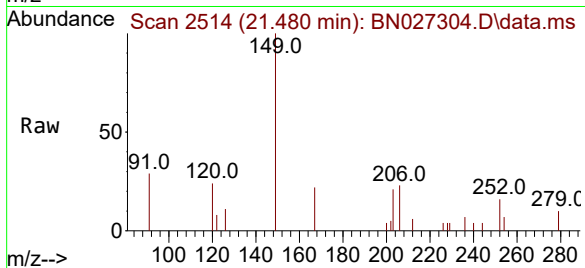
Tgt Ion:244	Resp:	2608
Ion Ratio	Lower	Upper
244	100	
212	12.3	7.5 11.3#
122	20.7	14.0 21.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.072 ng
RT: 21.480 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BN027304.D
Acq: 31 Aug 2023 11:25

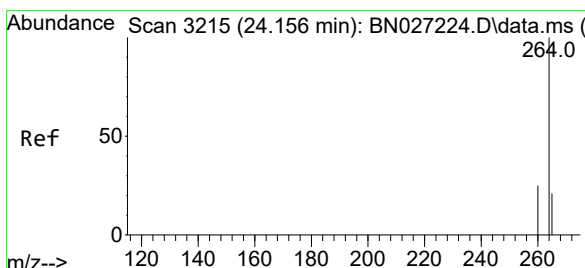
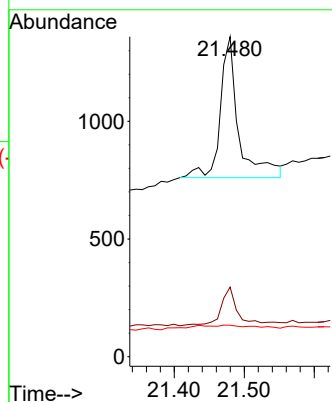
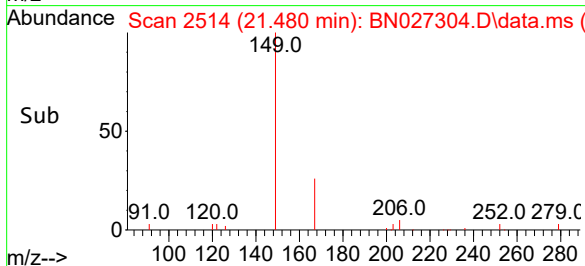
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821DL



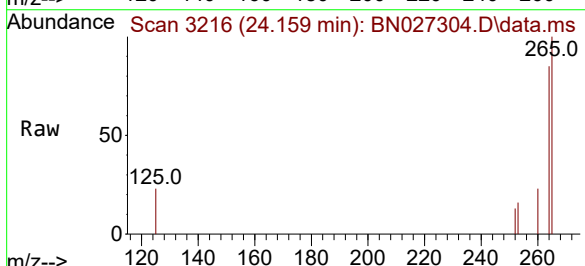
Tgt Ion:149 Resp: 108
Ion Ratio Lower Upper
149 100
167 25.5 22.1 33.1
279 3.6 2.7 4.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.159 min Scan# 3216
Delta R.T. 0.003 min
Lab File: BN027304.D
Acq: 31 Aug 2023 11:25



Tgt Ion:264 Resp: 7506
Ion Ratio Lower Upper
264 100
260 27.2 20.7 31.1
265 118.3 53.3 79.9#

