

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027305.D
 Acq On : 31 Aug 2023 12:01
 Operator : MA/JU
 Sample : 04126-21DL 5X
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20230821DL

Quant Time: Sep 01 03:47:22 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	3802	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	9405	0.400	ng	#-0.01
13) Acenaphthene-d10	14.694	164	5878	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	13867	0.400	ng	0.00
29) Chrysene-d12	21.623	240	9716	0.400	ng	0.00
35) Perylene-d12	24.156	264	7838	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	410	0.041	ng	0.00
5) Phenol-d6	7.207	99	260	0.022	ng	0.00
8) Nitrobenzene-d5	9.251	82	659	0.096	ng	-0.01
11) 2-Methylnaphthalene-d10	12.472	152	1206	0.087	ng	0.00
14) 2,4,6-Tribromophenol	16.202	330	202	0.093	ng	0.01
15) 2-Fluorobiphenyl	13.336	172	2013m	0.090	ng	0.01
27) Fluoranthene-d10	19.467	212	4051	0.118	ng	0.00
31) Terphenyl-d14	20.053	244	2793	0.143	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	6296	1.356	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.471	149	1483	0.092	ng	# 87

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

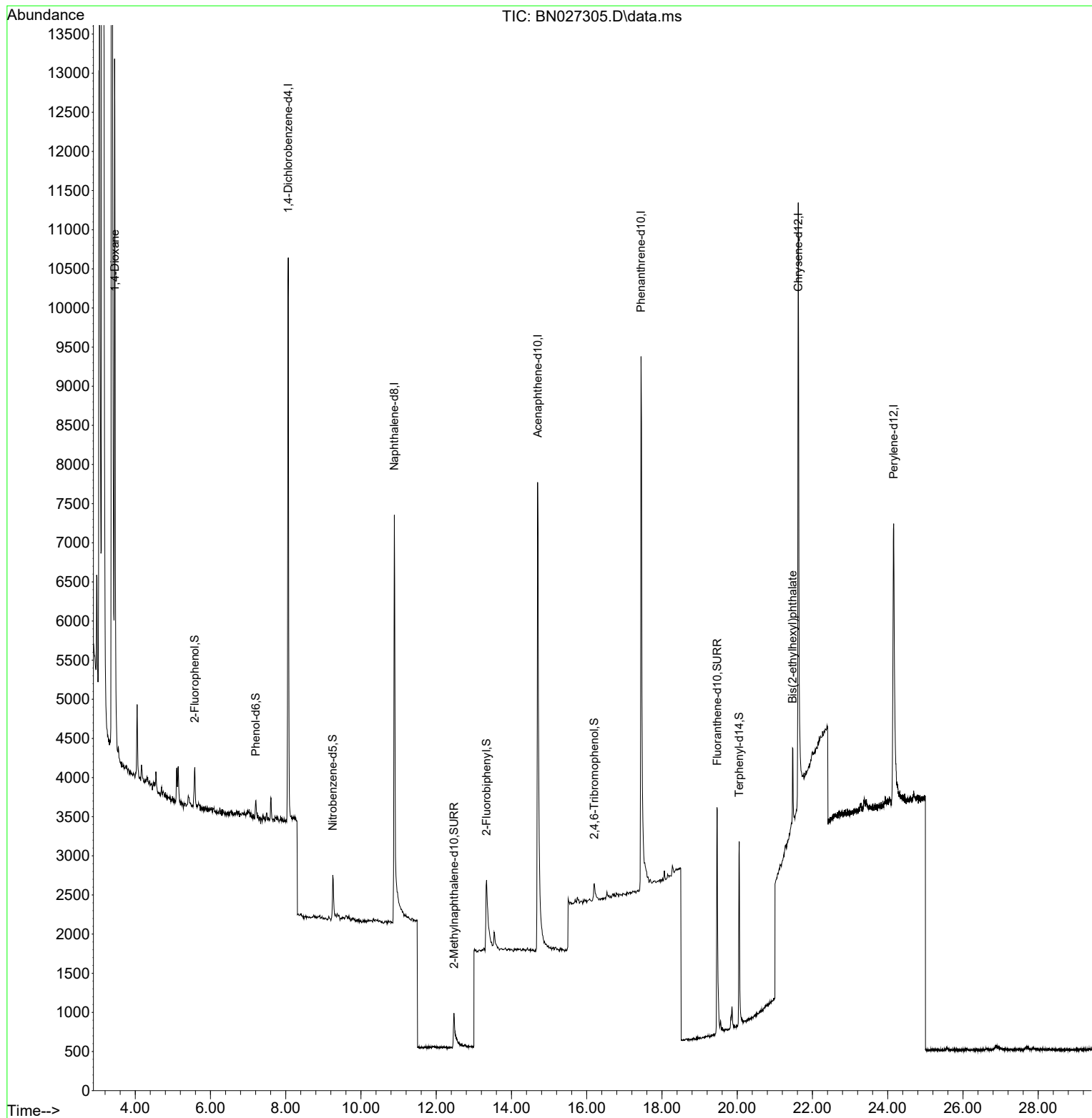
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027305.D
Acq On : 31 Aug 2023 12:01
Operator : MA/JU
Sample : 04126-21DL 5X
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE132D4-20230821DL

Quant Time: Sep 01 03:47:22 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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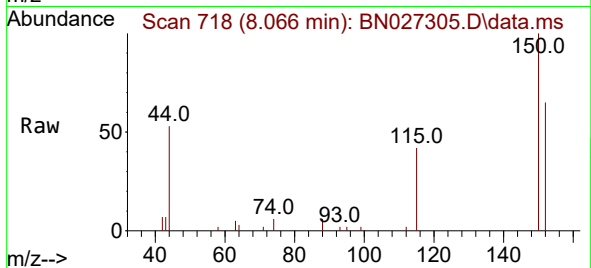
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.066 min Scan# 719
Delta R.T. -0.007 min
Lab File: BN027305.D
Acq: 31 Aug 2023 12:01

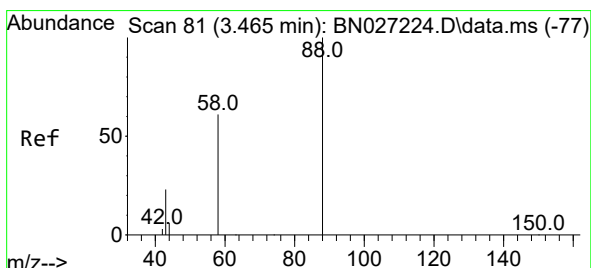
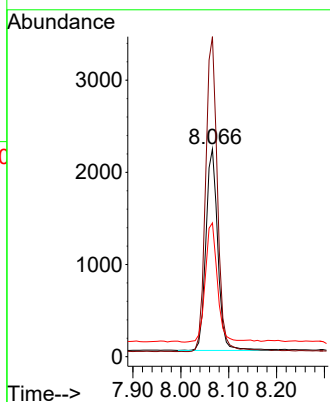
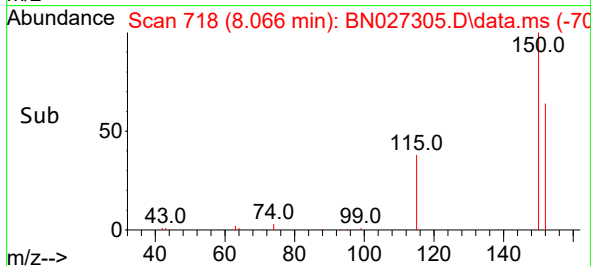
Instrument :
BNA_N
ClientSampleId :
RE132D4-20230821DL



Tgt Ion: 152 Resp: 380
Ion Ratio Lower Upper
152 100
150 154.0 122.7 184.1
115 64.4 48.6 73.0

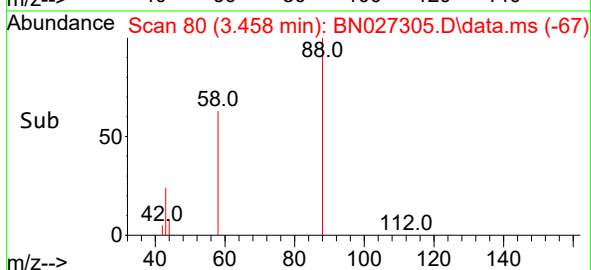
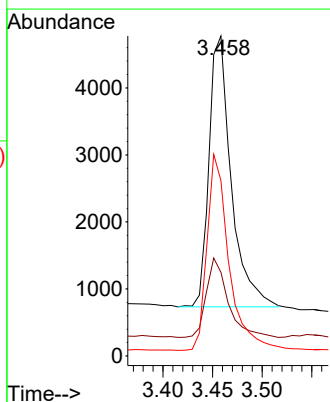
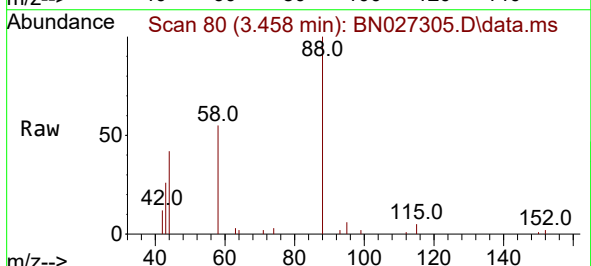
Manual Integrations
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Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#2
1,4-Dioxane
Concen: 1.356 ng
RT: 3.458 min Scan# 80
Delta R.T. -0.007 min
Lab File: BN027305.D
Acq: 31 Aug 2023 12:01

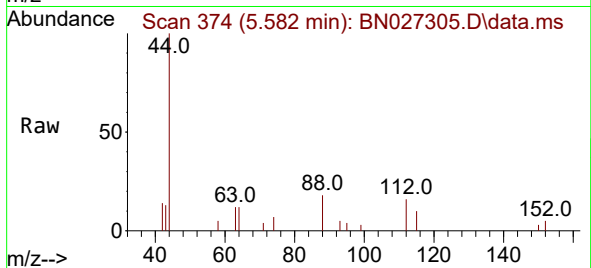
Tgt Ion: 88 Resp: 6296
Ion Ratio Lower Upper
88 100
43 28.7 19.1 28.7#
58 71.3 52.2 78.2





#4
2-Fluorophenol
Concen: 0.041 ng
RT: 5.582 min Scan# 375
Delta R.T. -0.007 min
Lab File: BN027305.D
Acq: 31 Aug 2023 12:01

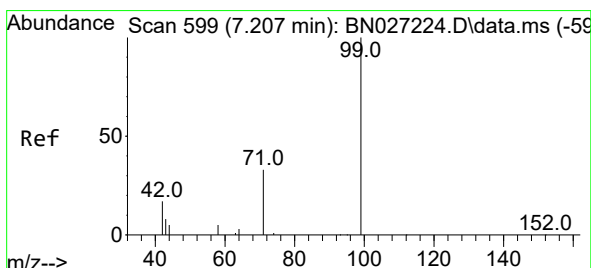
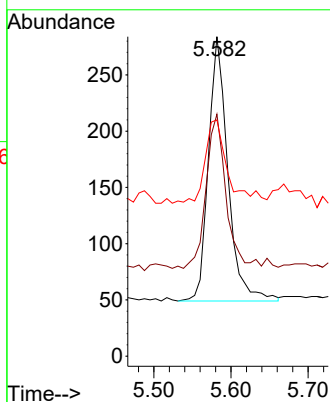
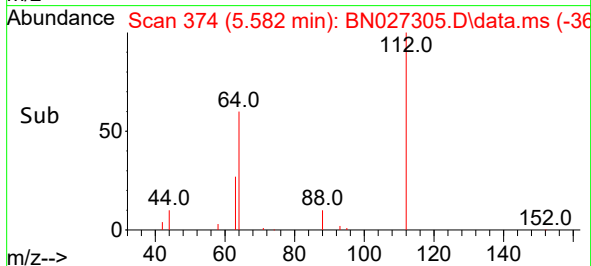
Instrument :
BNA_N
ClientSampleId :
RE132D4-20230821DL



Tgt Ion:112 Resp: 410
Ion Ratio Lower Upper
112 100
64 58.8 44.4 66.6
63 34.1 23.1 34.7

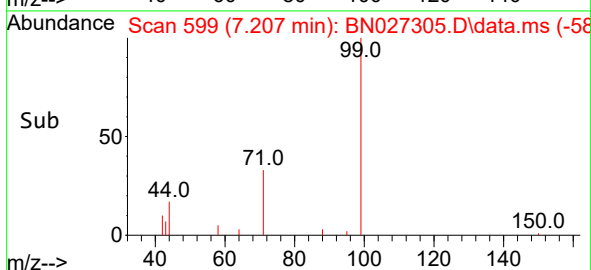
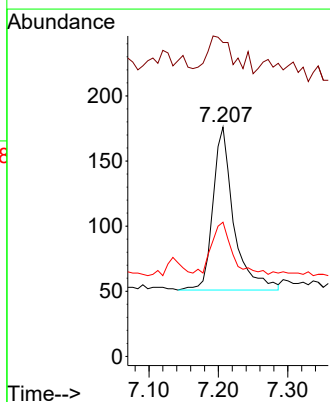
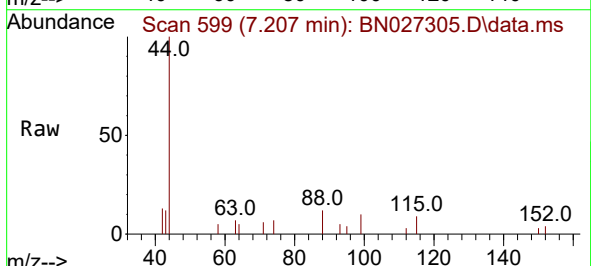
Manual Integrations
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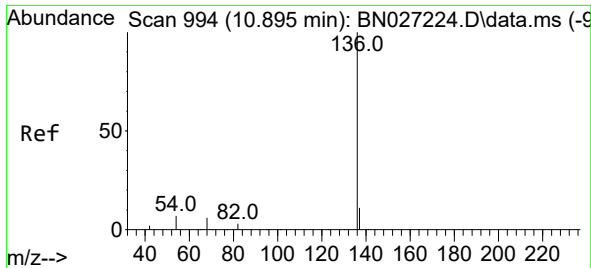
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#5
Phenol-d6
Concen: 0.022 ng
RT: 7.207 min Scan# 599
Delta R.T. 0.000 min
Lab File: BN027305.D
Acq: 31 Aug 2023 12:01

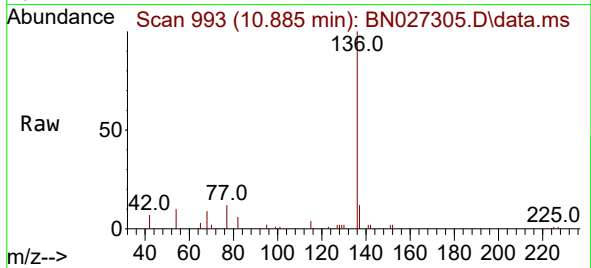
Tgt Ion: 99 Resp: 260
Ion Ratio Lower Upper
99 100
42 29.2 14.5 21.7#
71 32.7 25.8 38.6





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.885 min Scan# 994
Delta R.T. -0.011 min
Lab File: BN027305.D
Acq: 31 Aug 2023 12:01

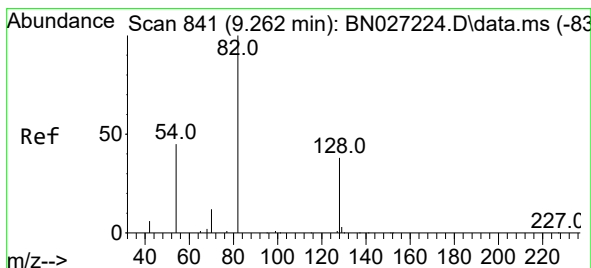
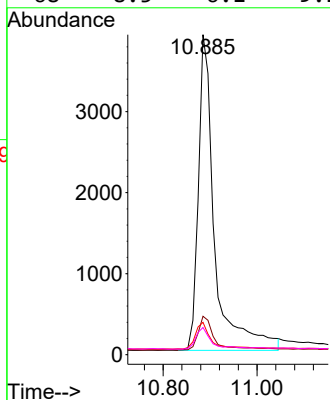
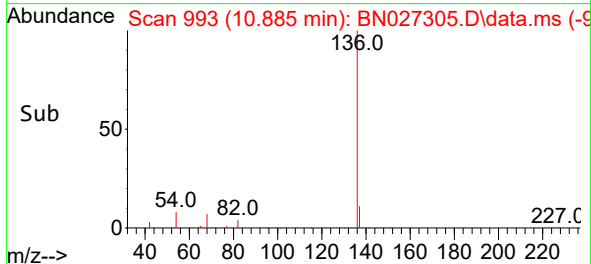
Instrument :
BNA_N
ClientSampleId :
RE132D4-20230821DL



Tgt Ion:136 Resp: 940
Ion Ratio Lower Upper
136 100
137 12.0 9.3 13.9
54 10.1 6.7 10.1
68 8.5 6.1 9.1

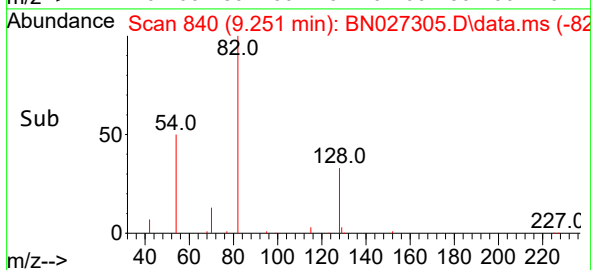
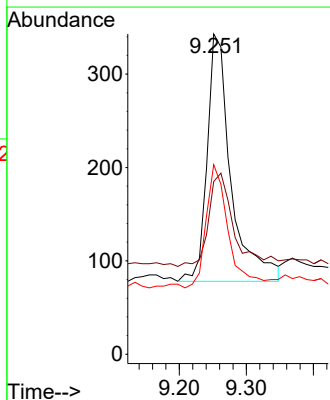
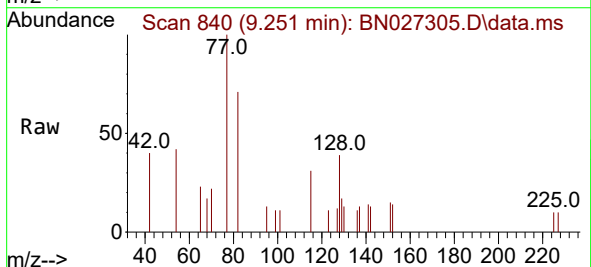
Manual Integrations
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Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#8
Nitrobenzene-d5
Concen: 0.096 ng
RT: 9.251 min Scan# 840
Delta R.T. -0.011 min
Lab File: BN027305.D
Acq: 31 Aug 2023 12:01

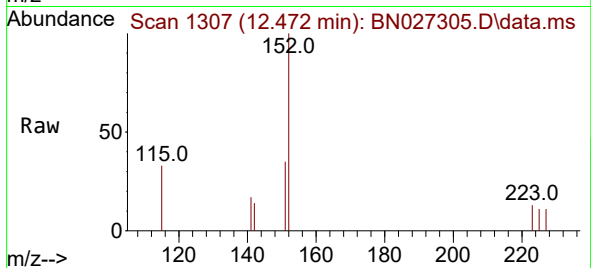
Tgt Ion: 82 Resp: 659
Ion Ratio Lower Upper
82 100
128 53.9 33.4 50.0#
54 59.2 37.7 56.5#





#11
2-Methylnaphthalene-d10
Concen: 0.087 ng
RT: 12.472 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027305.D
Acq: 31 Aug 2023 12:01

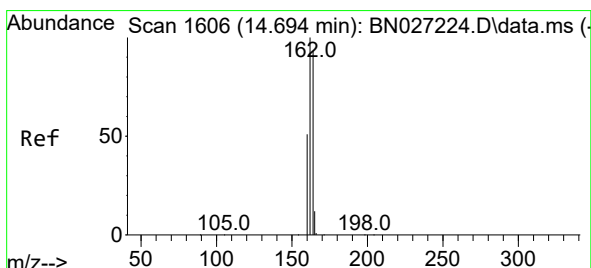
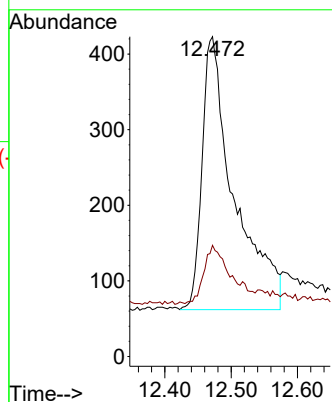
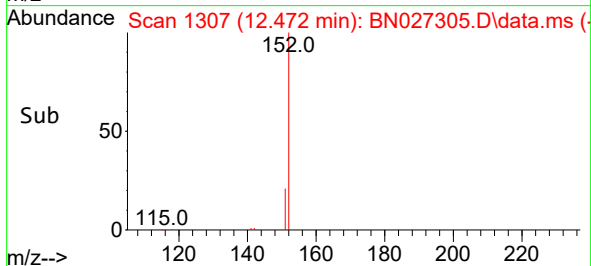
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ClientSampleId :
RE132D4-20230821DL



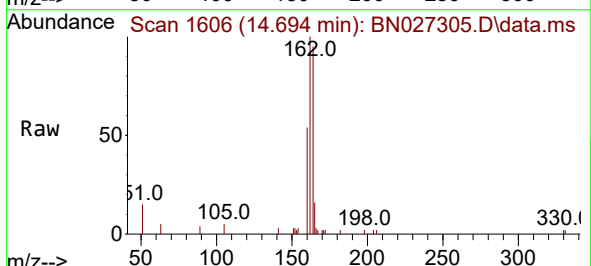
Tgt Ion:152 Resp: 1200
Ion Ratio Lower Upper
152 100
151 15.8 16.6 25.0

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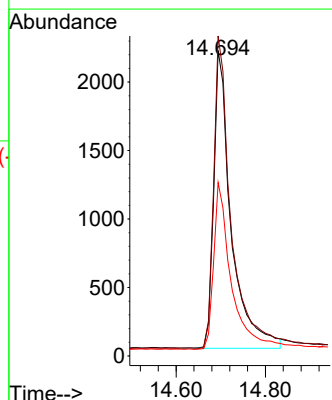
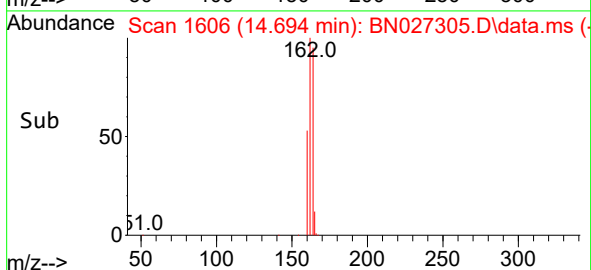
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BN027305.D
Acq: 31 Aug 2023 12:01



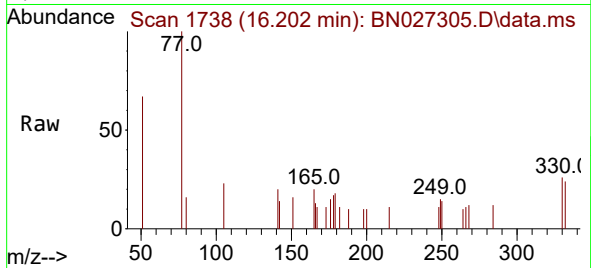
Tgt Ion:164 Resp: 5878
Ion Ratio Lower Upper
164 100
162 104.8 85.8 128.8
160 56.8 44.2 66.2





#14
2,4,6-Tribromophenol
Concen: 0.093 ng
RT: 16.202 min Scan# 1738
Delta R.T. 0.012 min
Lab File: BN027305.D
Acq: 31 Aug 2023 12:01

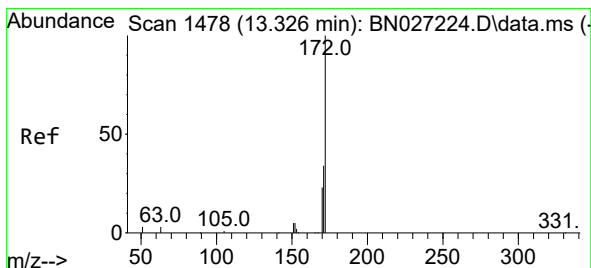
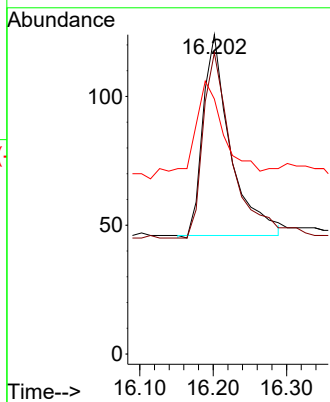
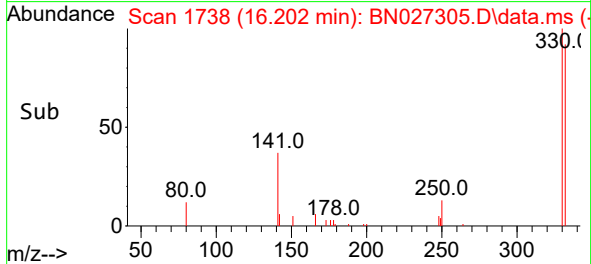
Instrument :
BNA_N
ClientSampleId :
RE132D4-20230821DL



Tgt Ion:330 Resp: 202
Ion Ratio Lower Upper
330 100
332 97.5 75.2 112.8
141 55.9 36.2 54.4

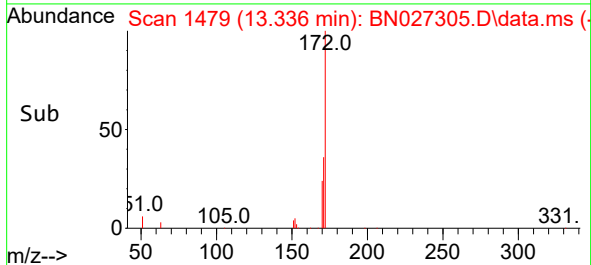
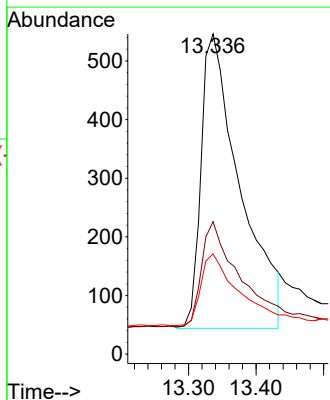
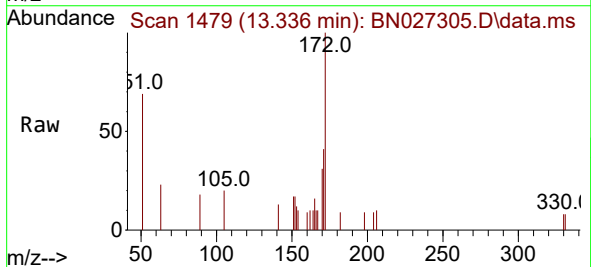
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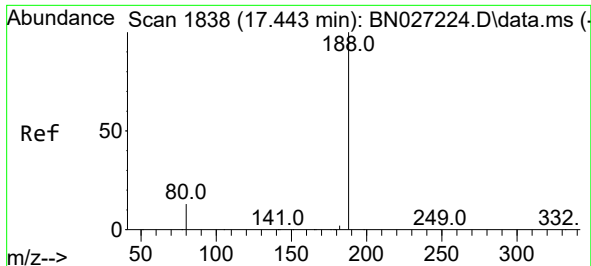
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#15
2-Fluorobiphenyl
Concen: 0.090 ng m
RT: 13.336 min Scan# 1479
Delta R.T. 0.011 min
Lab File: BN027305.D
Acq: 31 Aug 2023 12:01

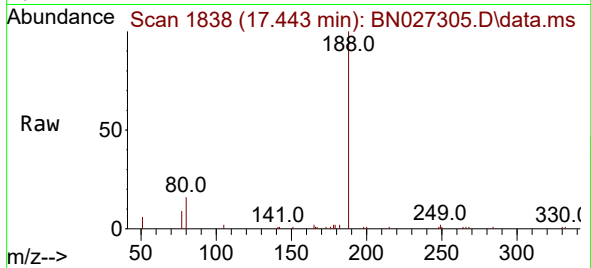
Tgt Ion:172 Resp: 2013
Ion Ratio Lower Upper
172 100
171 41.4 27.8 41.8
170 31.3 19.3 28.9





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BN027305.D
Acq: 31 Aug 2023 12:01

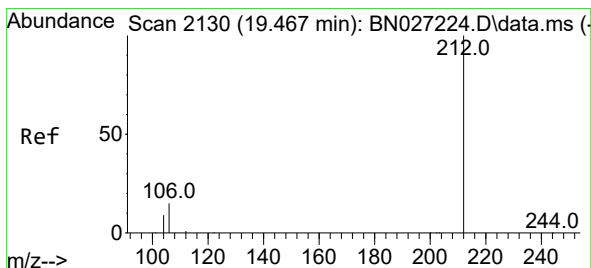
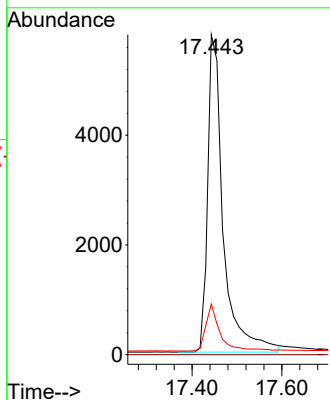
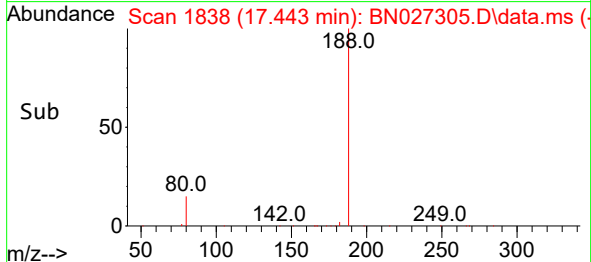
Instrument :
BNA_N
ClientSampleId :
RE132D4-20230821DL



Tgt Ion:188 Resp: 1386
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.8 11.0 16.6

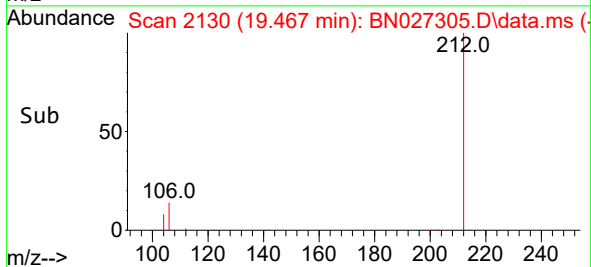
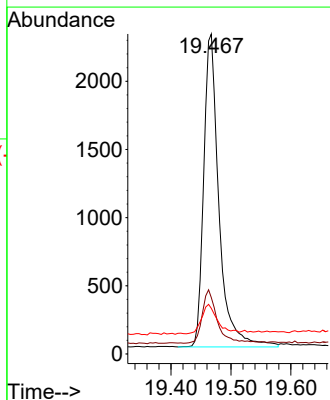
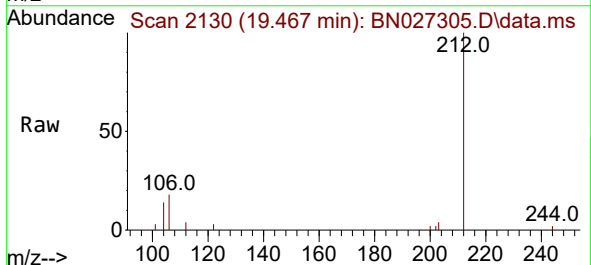
Manual Integrations
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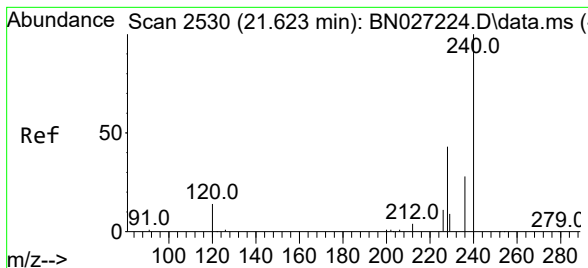
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#27
Fluoranthene-d10
Concen: 0.118 ng
RT: 19.467 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BN027305.D
Acq: 31 Aug 2023 12:01

Tgt Ion:212 Resp: 4051
Ion Ratio Lower Upper
212 100
106 16.7 12.1 18.1
104 9.8 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.623 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027305.D

Acq: 31 Aug 2023 12:01

Instrument :

BNA_N

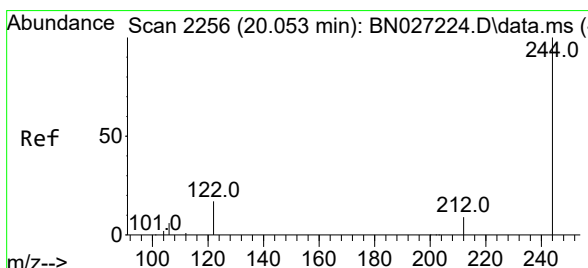
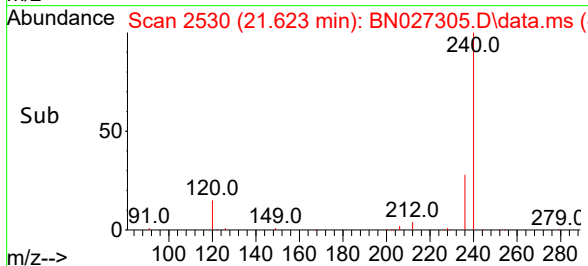
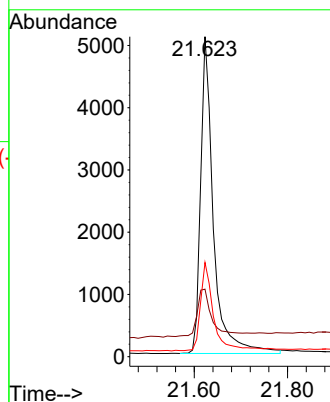
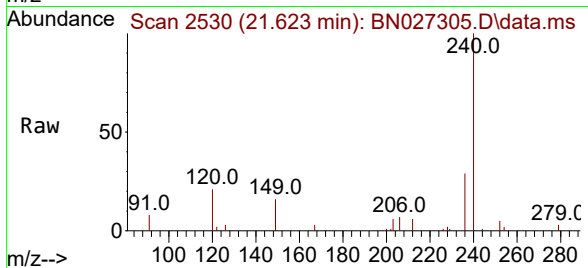
ClientSampleId :

RE132D4-20230821DL

Tgt Ion:240 Resp: 9710
 Ion Ratio Lower Upper
 240 100
 120 21.1 14.2 21.4
 236 29.5 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: 0.143 ng

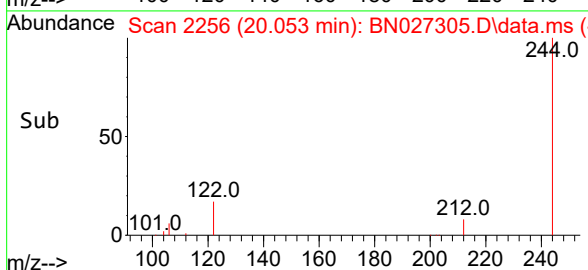
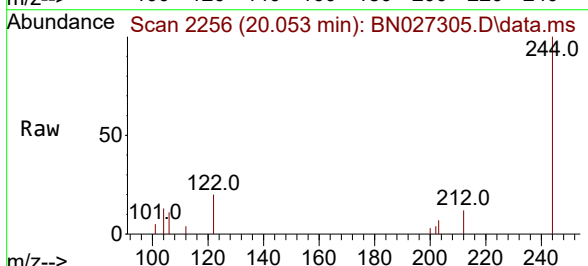
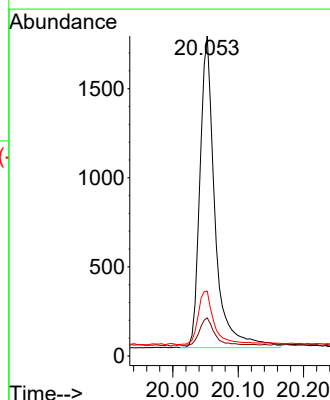
RT: 20.053 min Scan# 2256

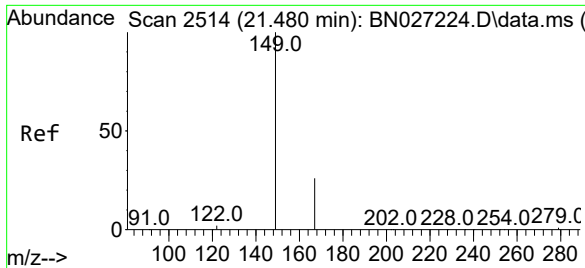
Delta R.T. 0.000 min

Lab File: BN027305.D

Acq: 31 Aug 2023 12:01

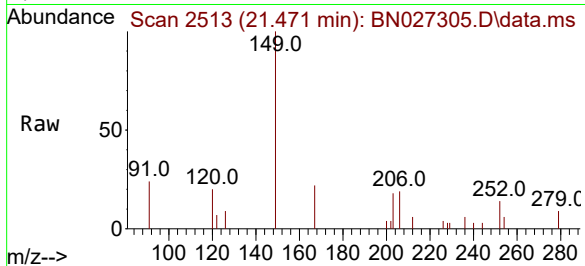
Tgt Ion:244 Resp: 2793
 Ion Ratio Lower Upper
 244 100
 212 11.9 7.5 11.3#
 122 20.3 14.0 21.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.092 ng
RT: 21.471 min Scan# 2148
Delta R.T. -0.009 min
Lab File: BN027305.D
Acq: 31 Aug 2023 12:01

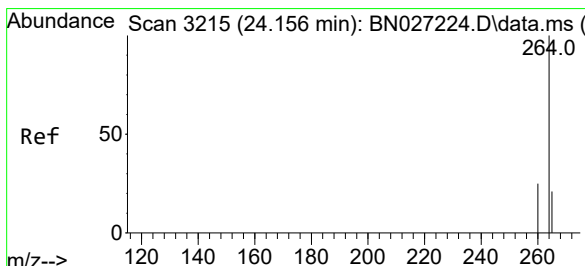
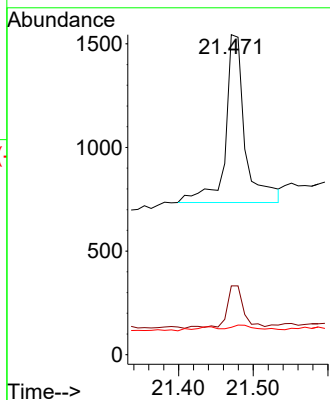
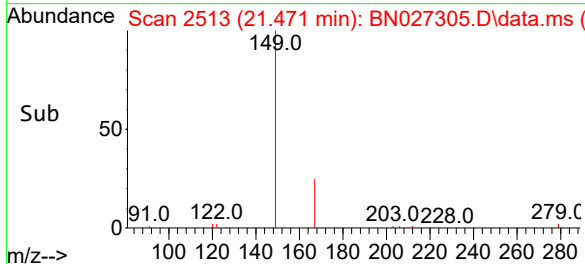
Instrument :
BNA_N
ClientSampleId :
RE132D4-20230821DL



Tgt Ion:149 Resp: 1483
Ion Ratio Lower Upper
149 100
167 20.1 22.1 33.1
279 3.4 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: 24.156 min Scan# 3215
Delta R.T. 0.000 min
Lab File: BN027305.D
Acq: 31 Aug 2023 12:01

Tgt Ion:264 Resp: 7838
Ion Ratio Lower Upper
264 100
260 26.6 20.7 31.1
265 109.0 53.3 79.9#

