

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
 Data File : BN026731.D
 Acq On : 25 Jul 2023 03:02
 Operator : MA/JU
 Sample : 03630-03
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20230713

Quant Time: Jul 25 03:38:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 23:51:48 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	1627	0.400	ng	0.00
7) Naphthalene-d8	10.639	136	5113	0.400	ng	# 0.01
13) Acenaphthene-d10	14.459	164	3860	0.400	ng	0.00
19) Phenanthrene-d10	17.219	188	7799	0.400	ng	0.00
29) Chrysene-d12	21.417	240	6034	0.400	ng	# 0.00
35) Perylene-d12	23.785	264	7200	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.416	112	41	0.010	ng	0.00
5) Phenol-d6	7.026	99	1	0.000	ng	-0.01
8) Nitrobenzene-d5	9.070	82	923m	0.211	ng	0.03
11) 2-Methylnaphthalene-d10	12.226	152	2730	0.365	ng	0.00
14) 2,4,6-Tribromophenol	15.991	330	60	0.043	ng	0.01
15) 2-Fluorobiphenyl	13.101	172	4261	0.286	ng	0.00
27) Fluoranthene-d10	19.249	212	7812	0.473	ng	0.00
31) Terphenyl-d14	19.844	244	6385	0.413	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.242	88	150	0.087	ng	# 49
34) Bis(2-ethylhexyl)phtha...	21.300	149	4456	0.230	ng	# 94

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

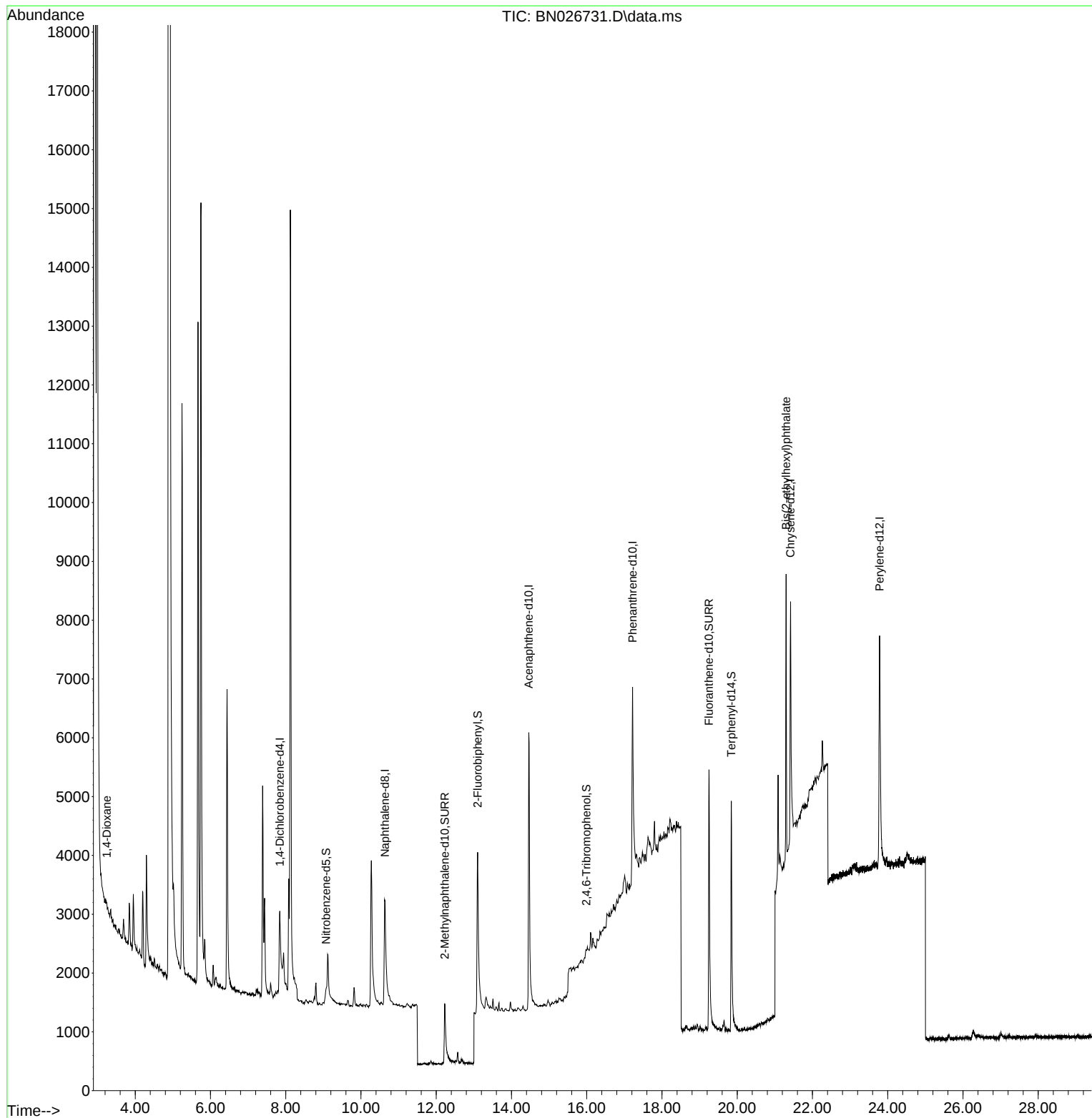
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
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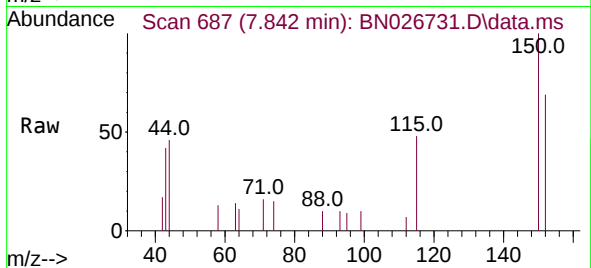
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.842 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN026731.D
 Acq: 25 Jul 2023 03:02

Instrument :

BNA_N

ClientSampleId :

SP-303-20230713



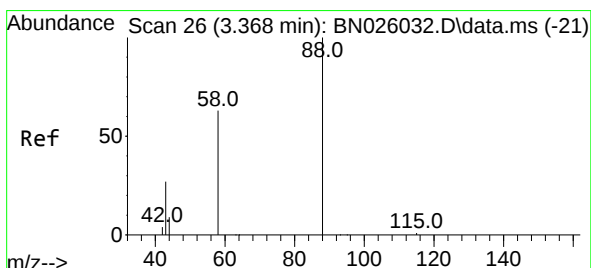
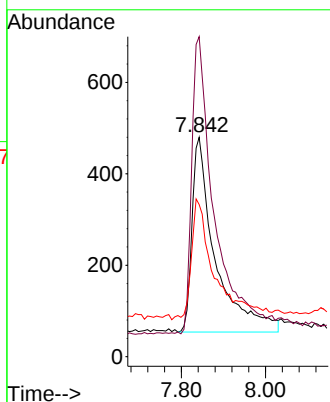
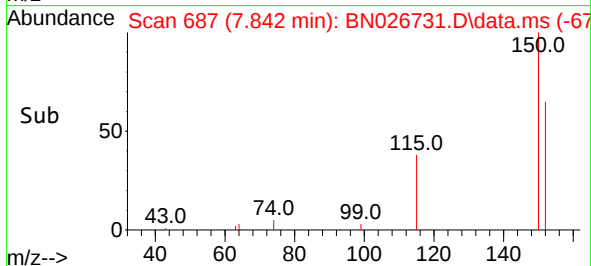
Tgt Ion:152 Resp: 162
 Ion Ratio Lower Upper
 152 100
 150 145.8 124.7 187.1
 115 69.4 48.2 72.4

Manual Integrations

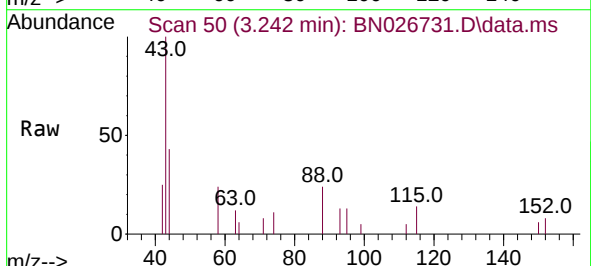
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Reviewed By :Yogesh Patel 07/25/2023

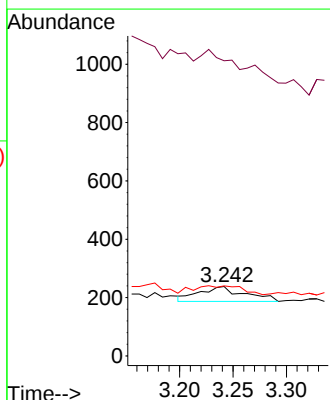
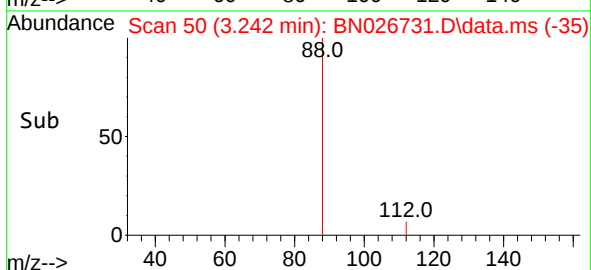
Supervised By :mohammad ahmed 07/25/2023

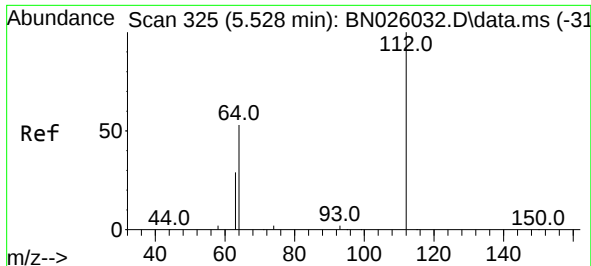


#2
 1,4-Dioxane
 Concen: 0.087 ng
 RT: 3.242 min Scan# 50
 Delta R.T. 0.007 min
 Lab File: BN026731.D
 Acq: 25 Jul 2023 03:02



Tgt Ion: 88 Resp: 150
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.2 36.4#
 58 28.0 53.3 79.9#





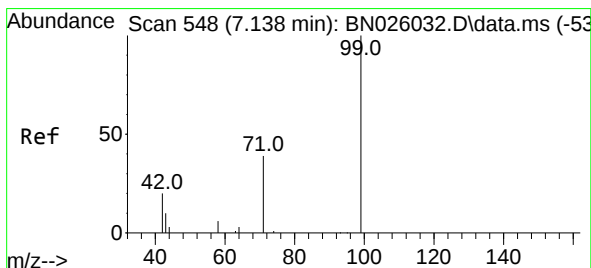
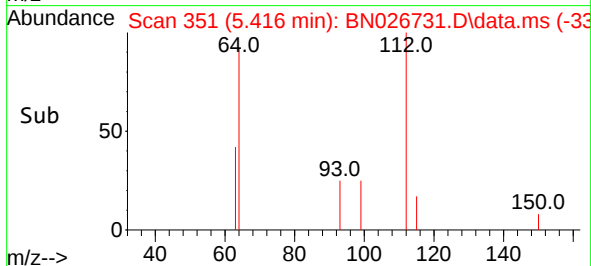
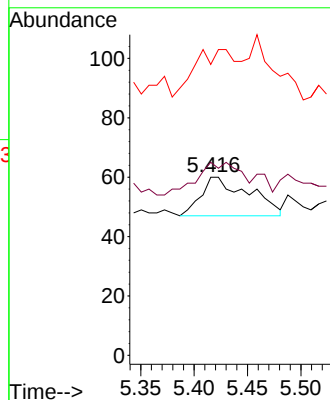
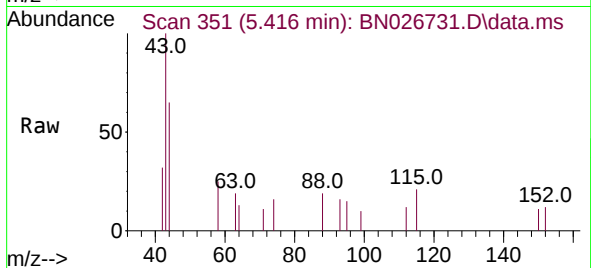
#4
2-Fluorophenol
Concen: 0.010 ng
RT: 5.416 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN026731.D
Acq: 25 Jul 2023 03:02

Instrument :
BNA_N
ClientSampleId :
SP-303-20230713

Tgt Ion: 112 Resp: 4
Ion Ratio Lower Upper
112 100
64 92.7 45.8 68.6
63 109.8 27.4 41.2

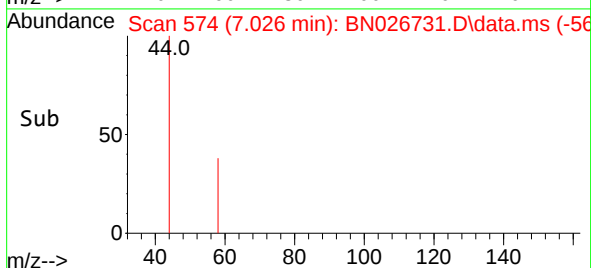
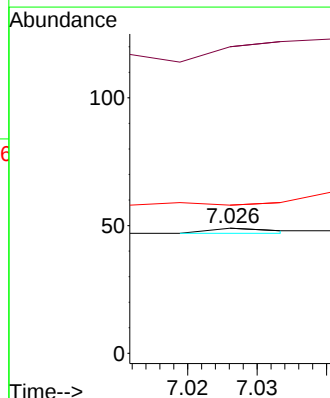
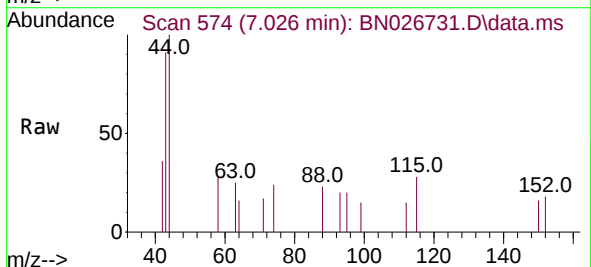
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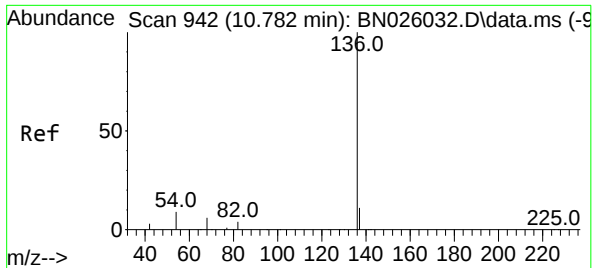
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#5
Phenol-d6
Concen: 0.000 ng
RT: 7.026 min Scan# 574
Delta R.T. -0.014 min
Lab File: BN026731.D
Acq: 25 Jul 2023 03:02

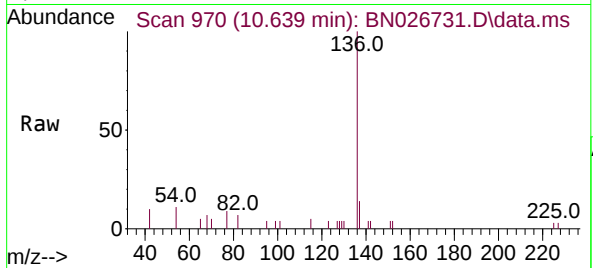
Tgt Ion: 99 Resp: 1
Ion Ratio Lower Upper
99 100
42 2100.0 18.4 27.6#
71 1100.0 30.6 46.0#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.639 min Scan# 911
Delta R.T. 0.011 min
Lab File: BN026731.D
Acq: 25 Jul 2023 03:02

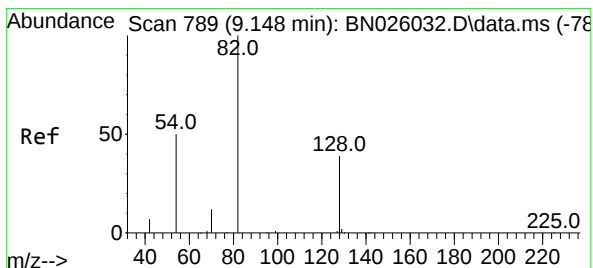
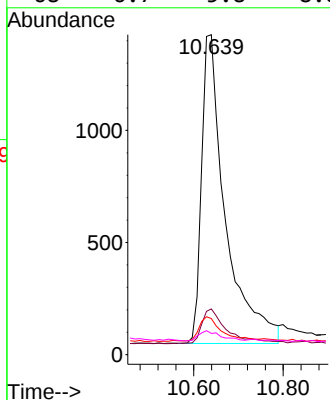
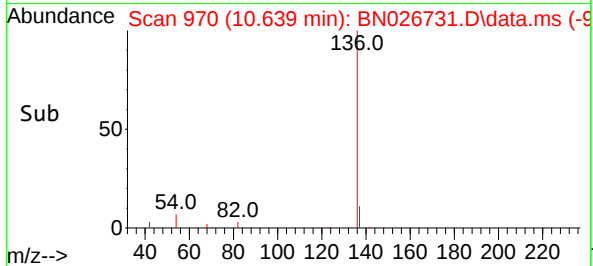
Instrument :
BNA_N
ClientSampleId :
SP-303-20230713



Tgt Ion: 136 Resp: 511
Ion Ratio Lower Upper
136 100
137 14.3 9.0 13.4#
54 11.3 7.8 11.6#
68 6.7 5.8 8.8#

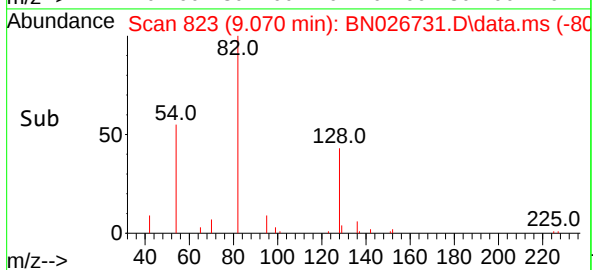
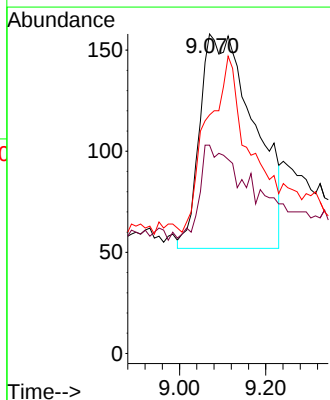
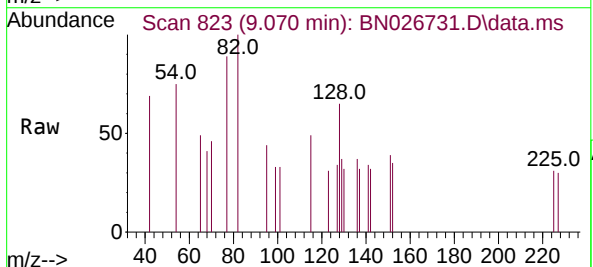
Manual Integrations
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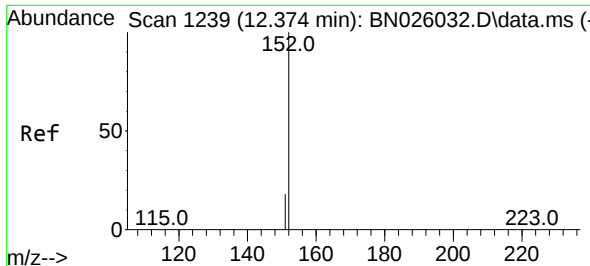
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#8
Nitrobenzene-d5
Concen: 0.211 ng m
RT: 9.070 min Scan# 823
Delta R.T. 0.032 min
Lab File: BN026731.D
Acq: 25 Jul 2023 03:02

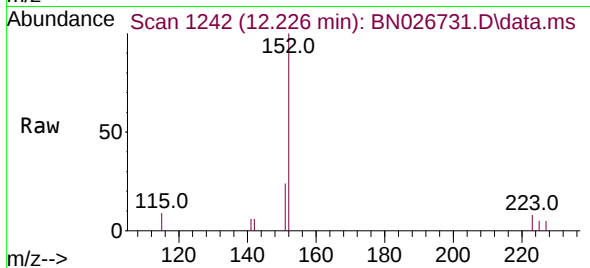
Tgt Ion: 82 Resp: 923
Ion Ratio Lower Upper
82 100
128 65.2 33.4 50.2#
54 74.7 41.7 62.5#





#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.226 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN026731.D
Acq: 25 Jul 2023 03:02

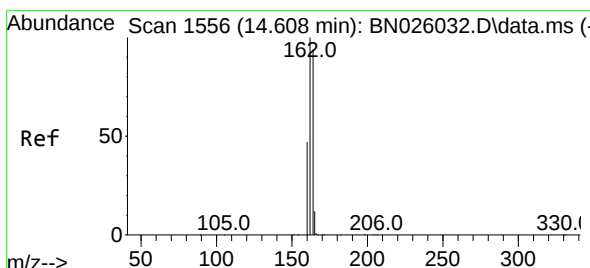
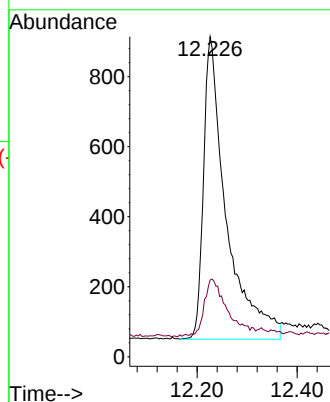
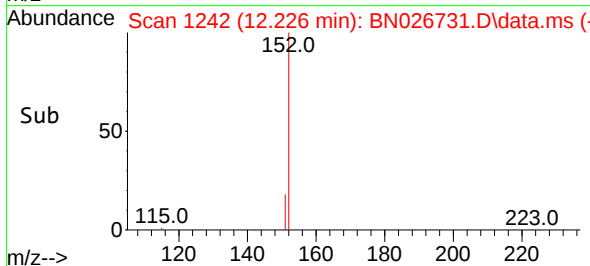
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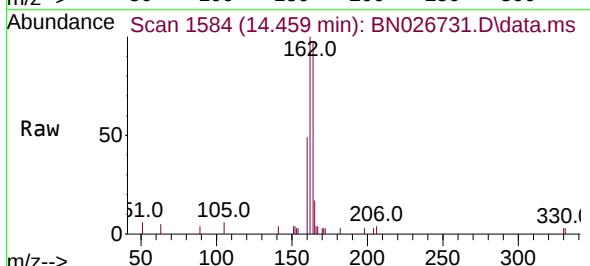
Tgt Ion:152 Resp: 2730
Ion Ratio Lower Upper
152 100
151 18.7 16.2 24.2

Manual Integrations
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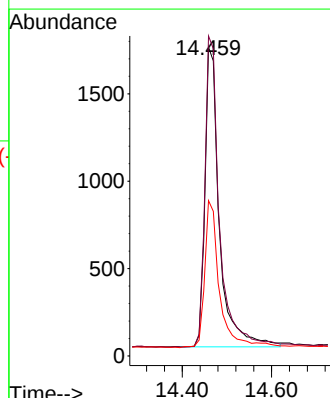
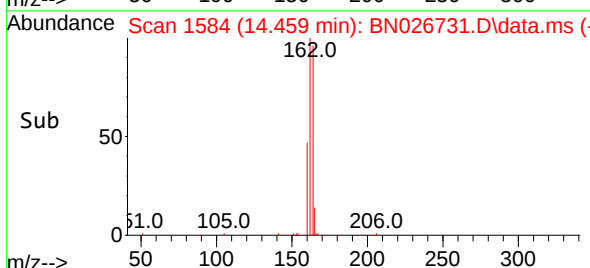
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

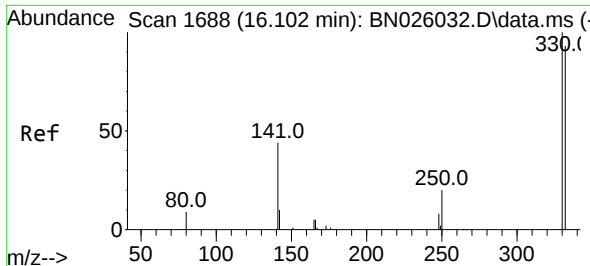


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.459 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN026731.D
Acq: 25 Jul 2023 03:02



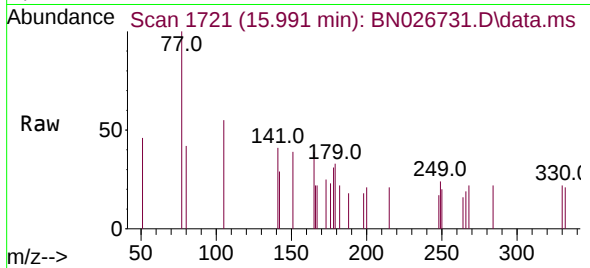
Tgt Ion:164 Resp: 3860
Ion Ratio Lower Upper
164 100
162 103.6 85.3 127.9
160 50.3 40.0 60.0





#14
2,4,6-Tribromophenol
Concen: 0.043 ng
RT: 15.991 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN026731.D
Acq: 25 Jul 2023 03:02

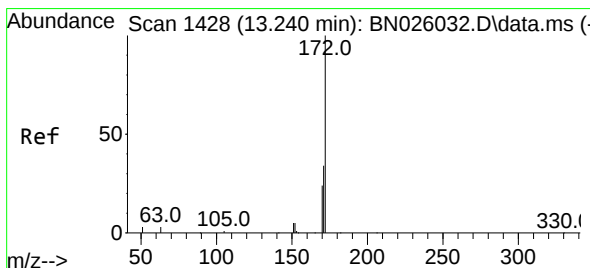
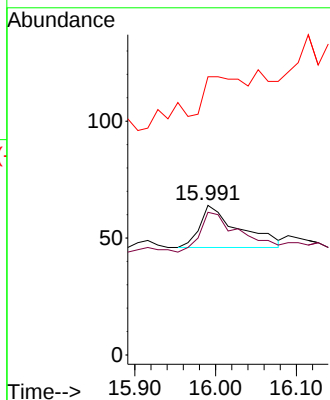
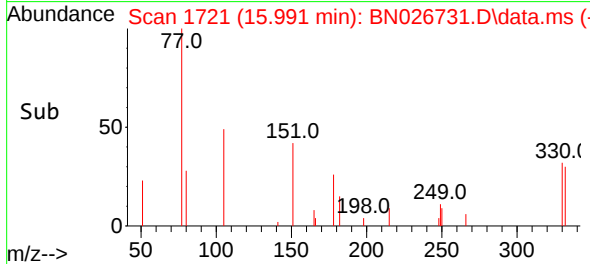
Instrument :
BNA_N
ClientSampleId :
SP-303-20230713



Tgt Ion: 330 Resp: 60
Ion Ratio Lower Upper
330 100
332 100.0 76.0 114.0
141 185.0 42.8 64.2

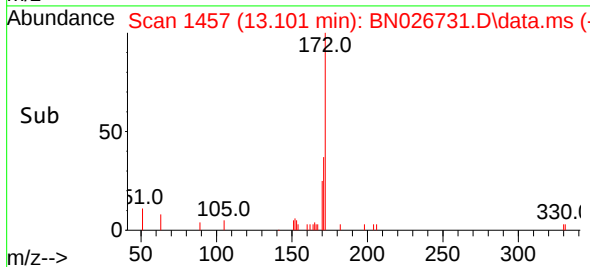
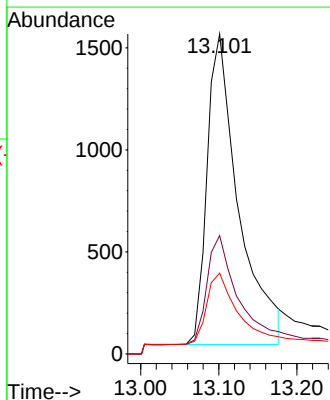
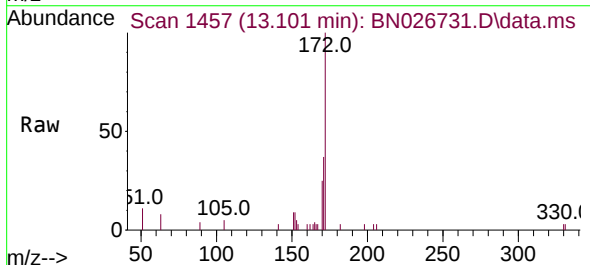
Manual Integrations
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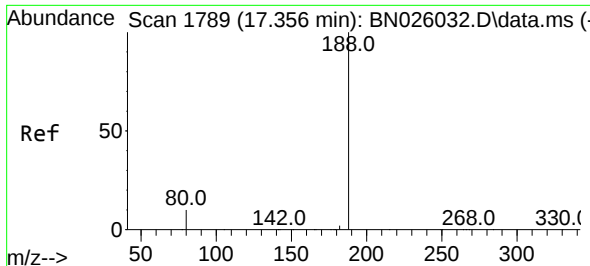
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 13.101 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BN026731.D
Acq: 25 Jul 2023 03:02

Tgt Ion: 172 Resp: 4261
Ion Ratio Lower Upper
172 100
171 37.0 27.8 41.8
170 25.3 19.3 28.9





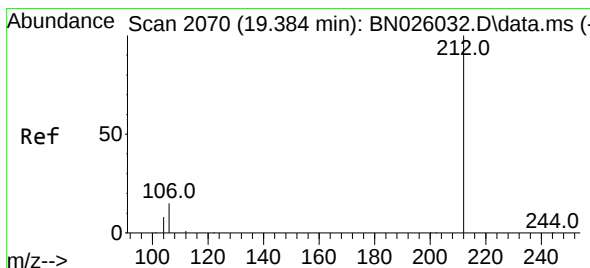
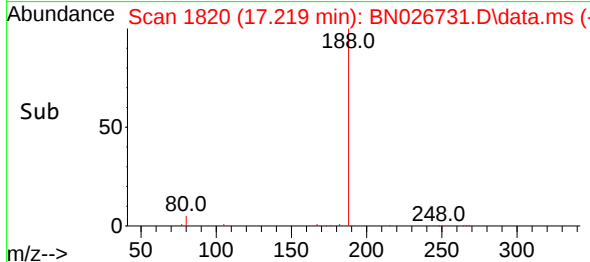
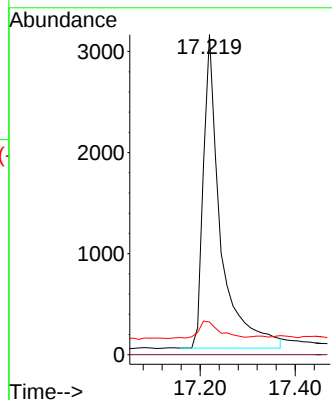
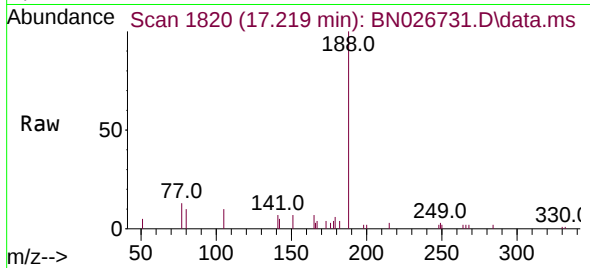
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Phenanthrene-d10
Concen: 0.400 ng
RT: 17.219 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN026731.D
Acq: 25 Jul 2023 03:02

Instrument :
BNA_N
ClientSampleId :
SP-303-20230713

Tgt Ion:188 Resp: 7795
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 8.6 13.0

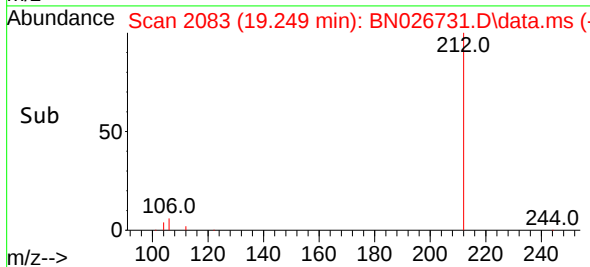
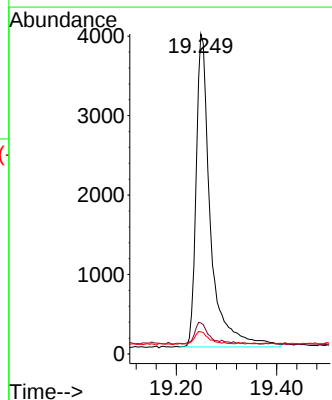
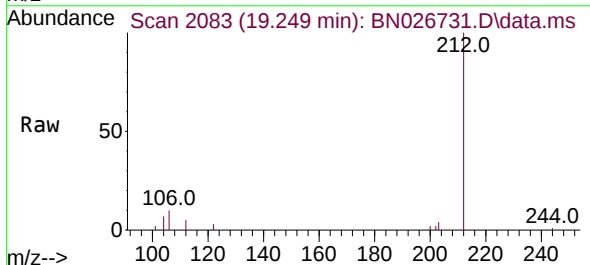
Manual Integrations
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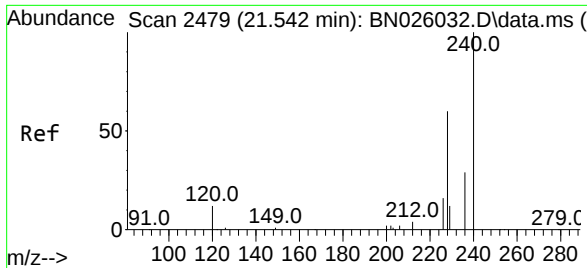
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#27
Fluoranthene-d10
Concen: 0.473 ng
RT: 19.249 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BN026731.D
Acq: 25 Jul 2023 03:02

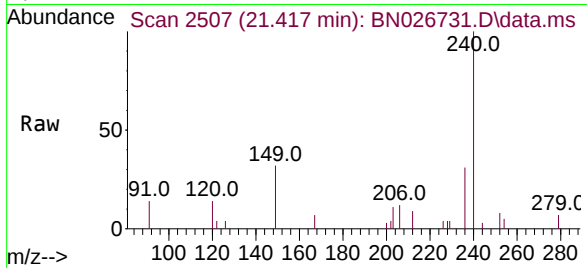
Tgt Ion:212 Resp: 7812
Ion Ratio Lower Upper
212 100
106 7.0 11.6 17.4#
104 4.5 7.2 10.8#





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.417 min Scan# 2111
Delta R.T. 0.009 min
Lab File: BN026731.D
Acq: 25 Jul 2023 03:02

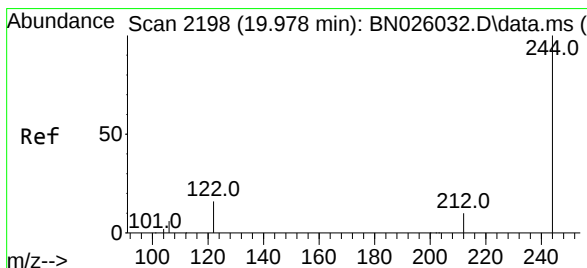
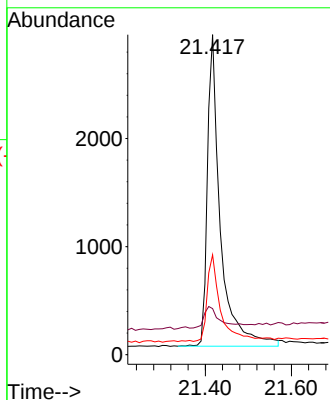
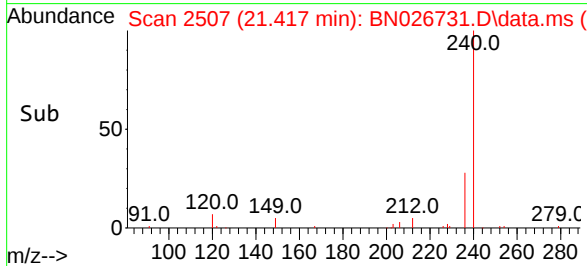
Instrument :
BNA_N
ClientSampleId :
SP-303-20230713



Tgt Ion:240 Resp: 6034
Ion Ratio Lower Upper
240 100
120 14.4 14.6 22.0
236 31.2 24.2 36.2

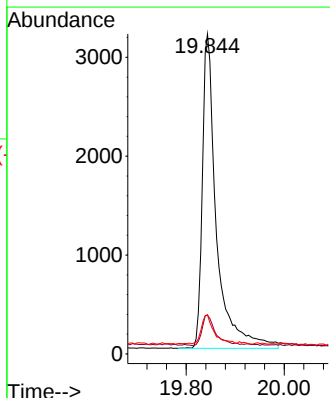
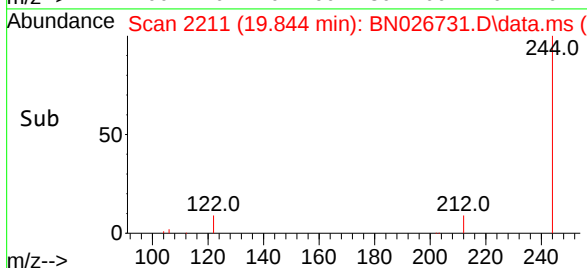
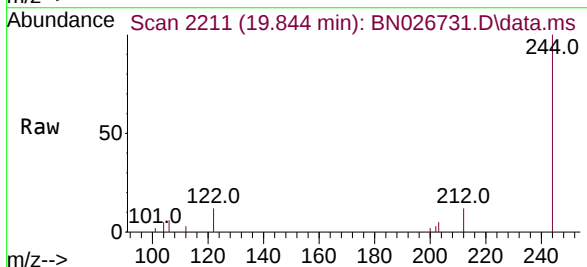
Manual Integrations
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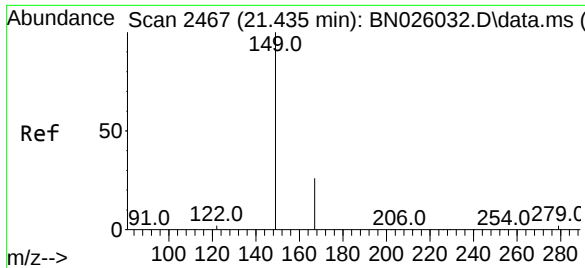
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#31
Terphenyl-d14
Concen: 0.413 ng
RT: 19.844 min Scan# 2211
Delta R.T. -0.004 min
Lab File: BN026731.D
Acq: 25 Jul 2023 03:02

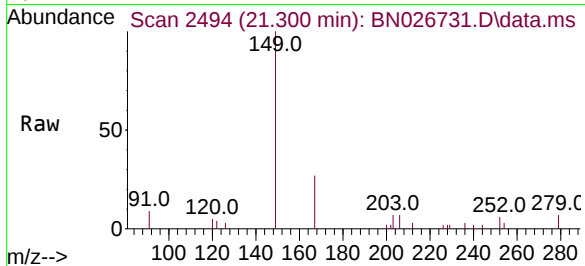
Tgt Ion:244 Resp: 6385
Ion Ratio Lower Upper
244 100
212 12.2 8.7 13.1
122 12.2 13.7 20.5





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.230 ng
 RT: 21.300 min Scan# 2467
 Delta R.T. 0.000 min
 Lab File: BN026731.D
 Acq: 25 Jul 2023 03:02

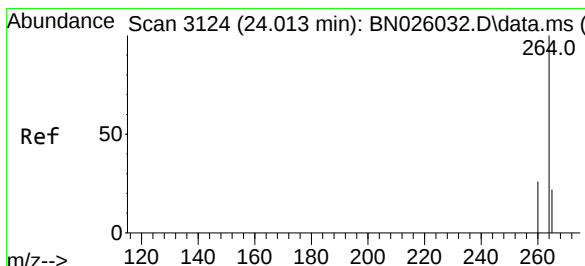
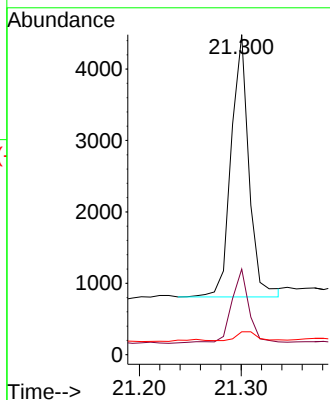
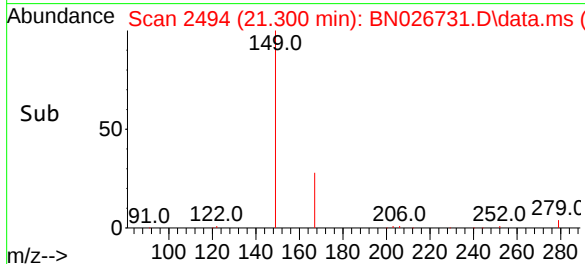
Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20230713



Tgt Ion:149 Resp: 4450
 Ion Ratio Lower Upper
 149 100
 167 28.3 20.2 30.4
 279 4.2 2.4 3.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.785 min Scan# 3088
 Delta R.T. 0.003 min
 Lab File: BN026731.D
 Acq: 25 Jul 2023 03:02

Tgt Ion:264 Resp: 7200
 Ion Ratio Lower Upper
 264 100
 260 27.5 21.9 32.9
 265 95.2 80.3 120.5

