

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122823\
 Data File : BN029209.D
 Acq On : 28 Dec 2023 12:01
 Operator : MA/JU
 Sample : 05964-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COMA3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023

Quant Time: Dec 28 13:04:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 28 01:20:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	763	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	1557	0.400	ng	0.00
13) Acenaphthene-d10	14.372	164	1052	0.400	ng	0.00
19) Phenanthrene-d10	17.131	188	1822	0.400	ng	# 0.00
29) Chrysene-d12	21.349	240	602	0.400	ng	0.00
35) Perylene-d12	23.633	264	483m	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	202	0.114	ng	0.00
5) Phenol-d6	6.944	99	111	0.056	ng	0.00
8) Nitrobenzene-d5	8.907	82	580	0.297	ng	0.00
11) 2-Methylnaphthalene-d10	12.117	152	749	0.278	ng	0.00
14) 2,4,6-Tribromophenol	15.878	330	231	0.285	ng	0.00
15) 2-Fluorobiphenyl	13.004	172	1534	0.272	ng	0.00
27) Fluoranthene-d10	19.173	212	1129	0.304	ng	0.00
31) Terphenyl-d14	19.787	244	683	0.366	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.573	128	254	0.054	ng	# 60
12) 2-Methylnaphthalene	12.189	142	110	0.031	ng	# 84
17) Acenaphthene	14.436	154	147	0.034	ng	# 26
34) Bis(2-ethylhexyl)phtha...	21.268	149	229	0.045	ng	# 85

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

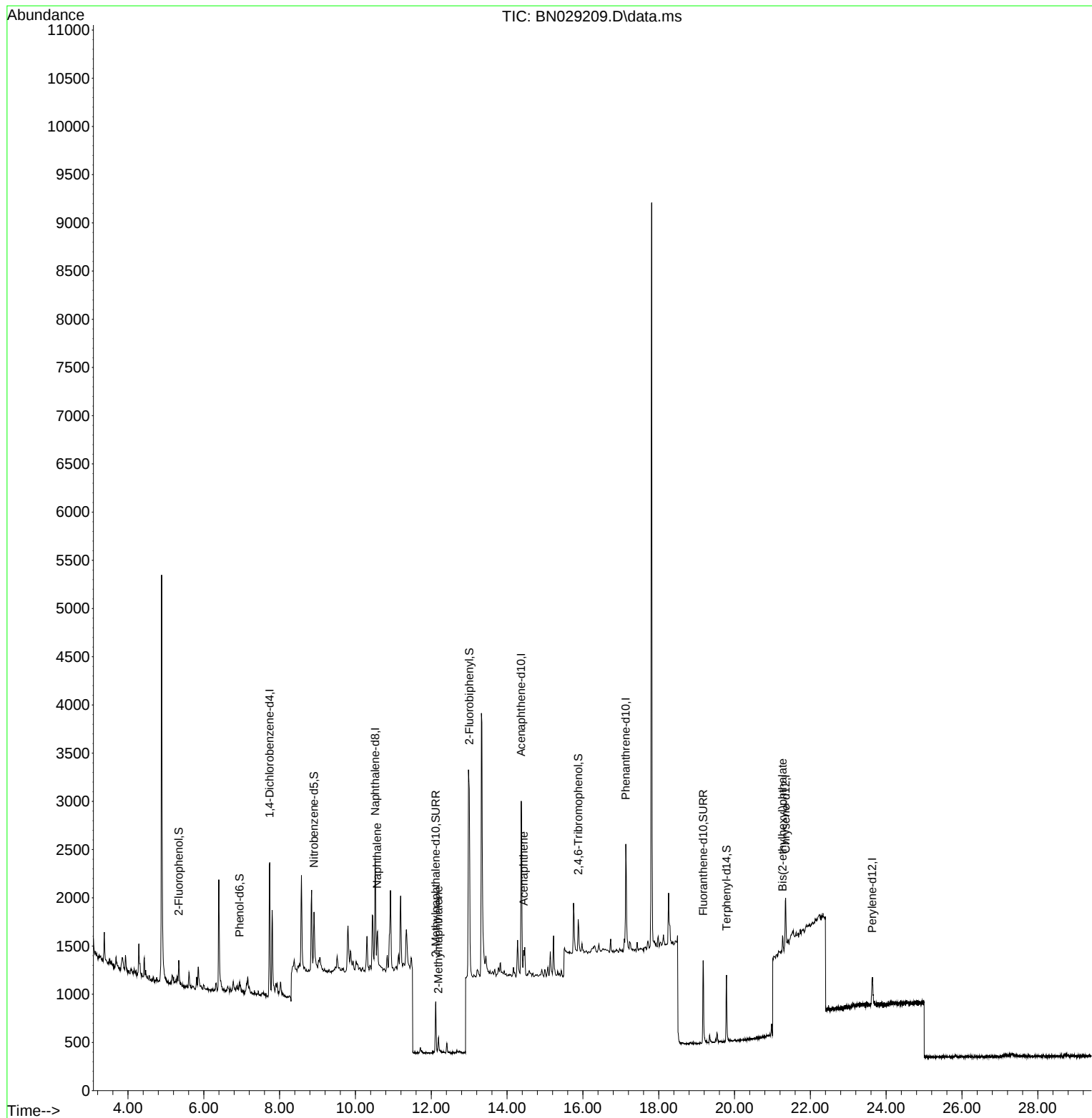
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122823\
Data File : BN029209.D
Acq On : 28 Dec 2023 12:01
Operator : MA/JU
Sample : 05964-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

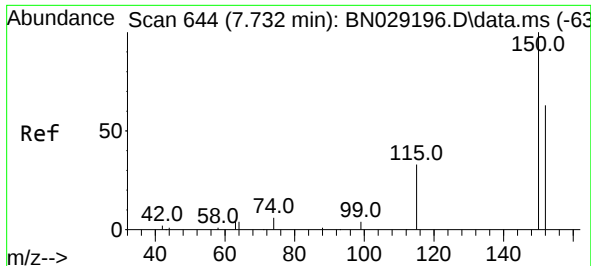
Instrument :
BNA_N
ClientSampleId :
C0MA3

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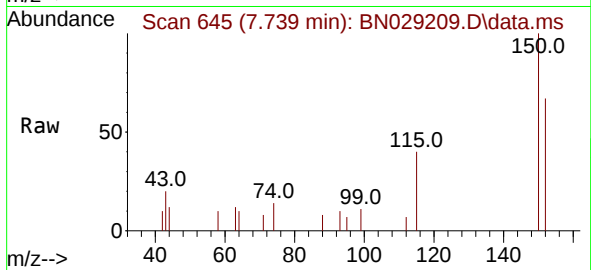
Quant Time: Dec 28 13:04:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 28 01:20:47 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.739 min Scan# 644
Delta R.T. 0.007 min
Lab File: BN029209.D
Acq: 28 Dec 2023 12:01

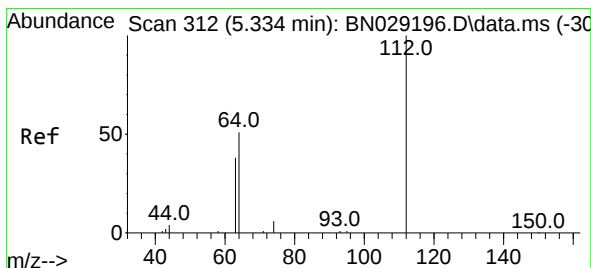
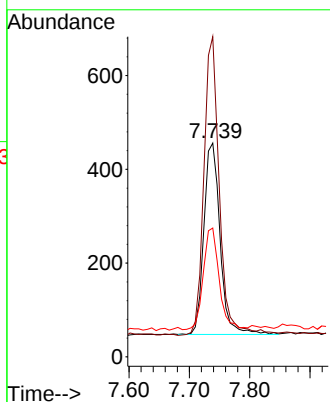
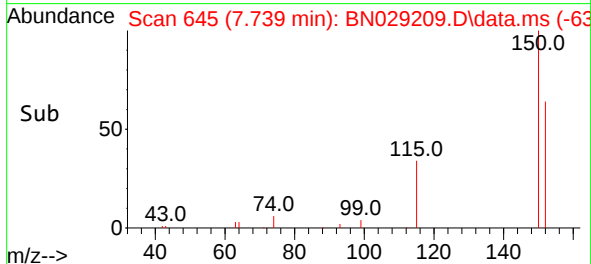
Instrument :
BNA_N
ClientSampleId :
COMA3



Tgt Ion:152 Resp: 761
Ion Ratio Lower Upper
152 100
150 149.8 122.2 183.2
115 60.3 48.2 72.4

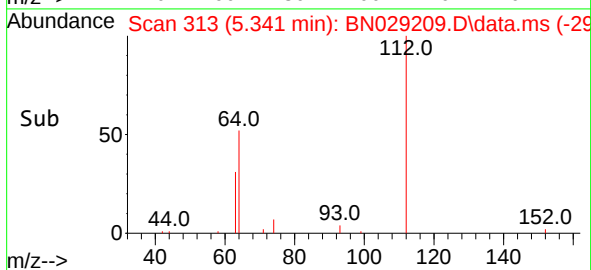
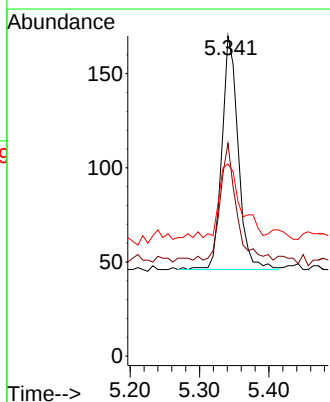
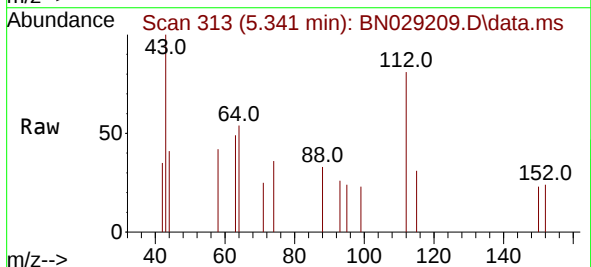
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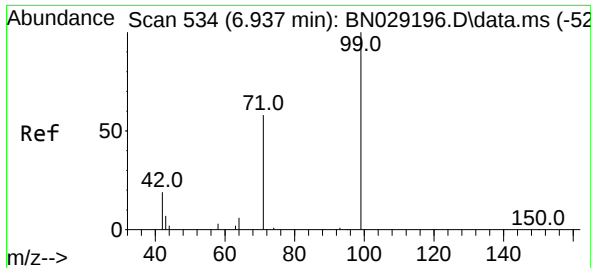
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#4
2-Fluorophenol
Concen: 0.114 ng
RT: 5.341 min Scan# 313
Delta R.T. 0.007 min
Lab File: BN029209.D
Acq: 28 Dec 2023 12:01

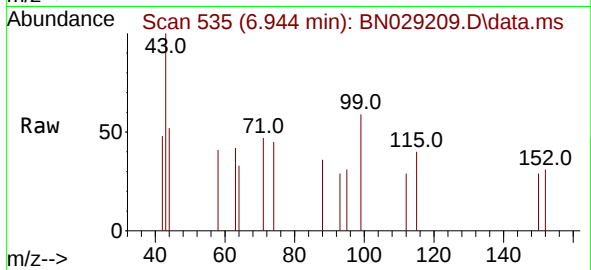
Tgt Ion:112 Resp: 202
Ion Ratio Lower Upper
112 100
64 49.5 38.8 58.2
63 43.6 30.6 45.8





#5
Phenol-d6
Concen: 0.056 ng
RT: 6.944 min Scan# 534
Delta R.T. 0.007 min
Lab File: BN029209.D
Acq: 28 Dec 2023 12:01

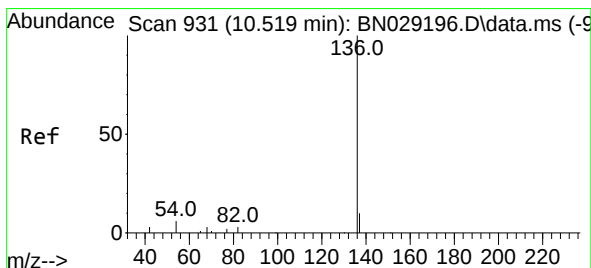
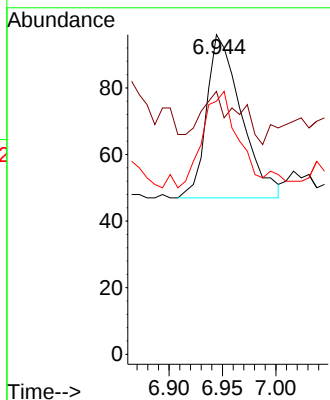
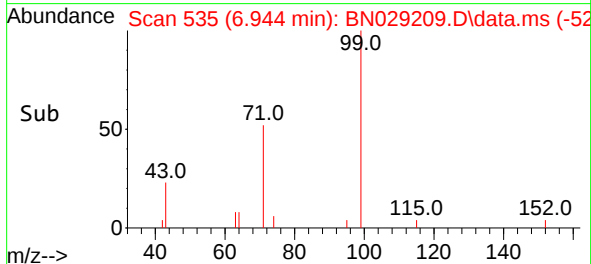
Instrument :
BNA_N
ClientSampleId :
COMA3



Tgt Ion: 99 Resp: 111
Ion Ratio Lower Upper
99 100
42 34.2 18.3 27.5
71 61.3 48.6 73.0

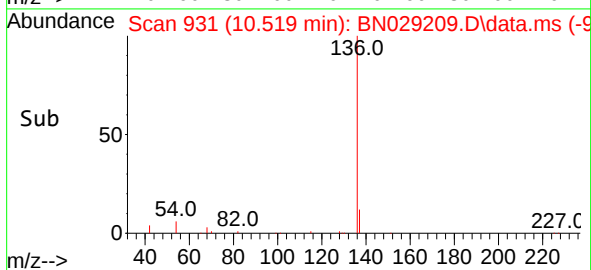
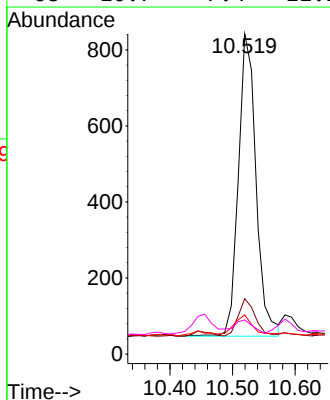
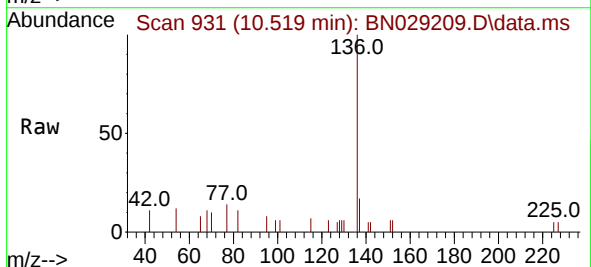
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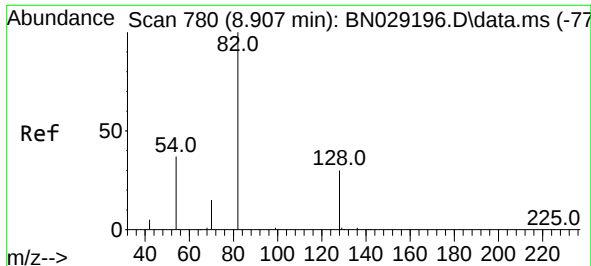
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. 0.000 min
Lab File: BN029209.D
Acq: 28 Dec 2023 12:01

Tgt Ion:136 Resp: 1557
Ion Ratio Lower Upper
136 100
137 17.3 13.0 19.4
54 12.2 9.8 14.6
68 10.7 7.4 11.2





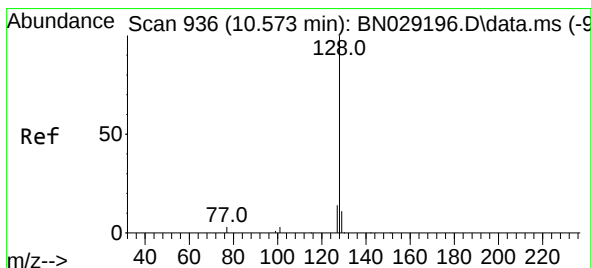
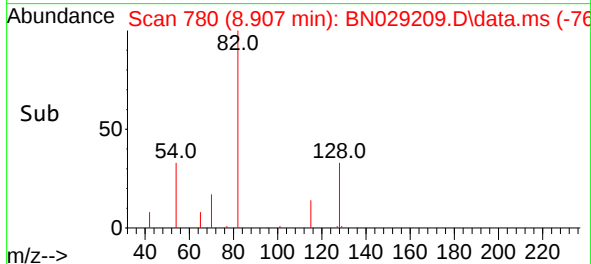
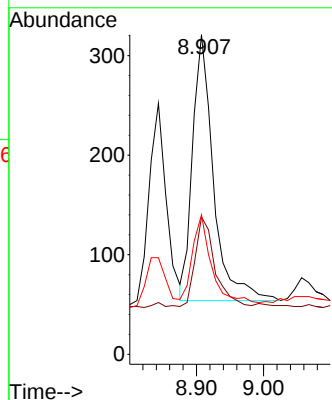
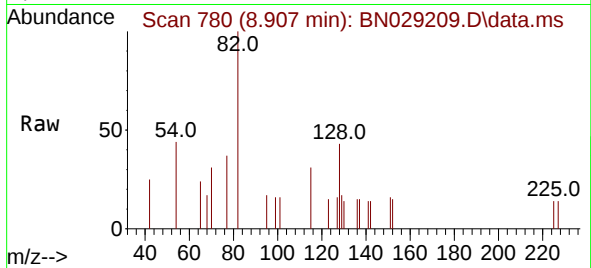
#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 8.907 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN029209.D
Acq: 28 Dec 2023 12:01

Instrument :
BNA_N
Client SampleId :
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Tgt Ion: 82 Resp: 580
Ion Ratio Lower Upper
82 100
128 43.0 34.2 51.2
54 43.6 38.8 58.2

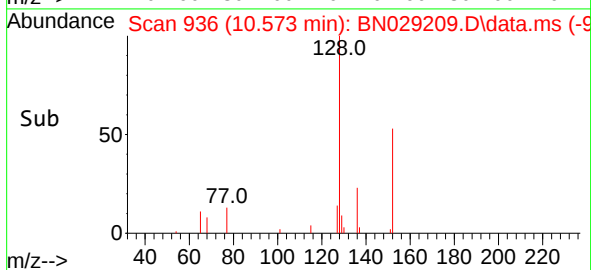
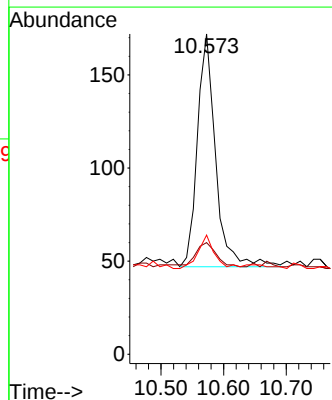
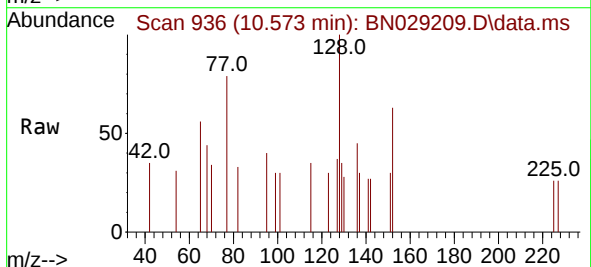
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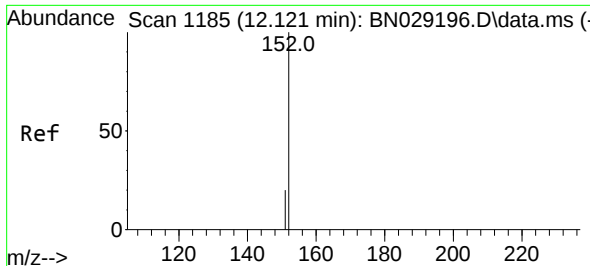
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#9
Naphthalene
Concen: 0.054 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN029209.D
Acq: 28 Dec 2023 12:01

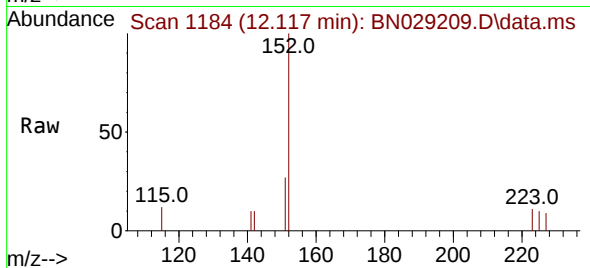
Tgt Ion:128 Resp: 254
Ion Ratio Lower Upper
128 100
129 34.9 13.4 20.2#
127 37.2 15.5 23.3#





#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 12.117 min Scan# 1184
Delta R.T. -0.004 min
Lab File: BN029209.D
Acq: 28 Dec 2023 12:01

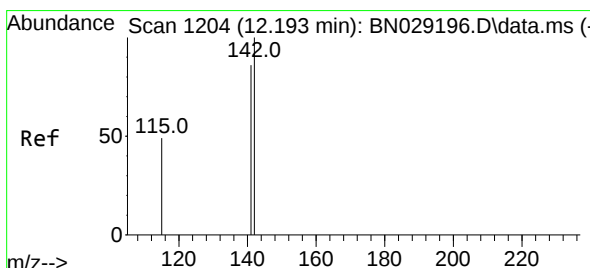
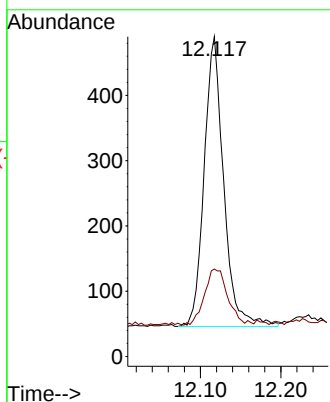
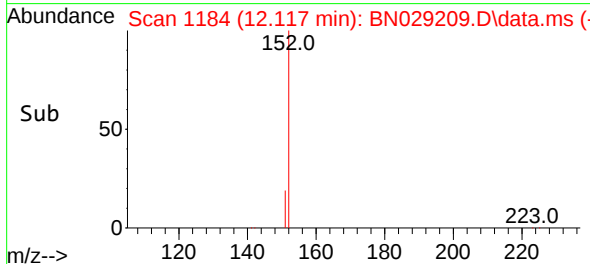
Instrument :
BNA_N
ClientSampleId :
COMA3



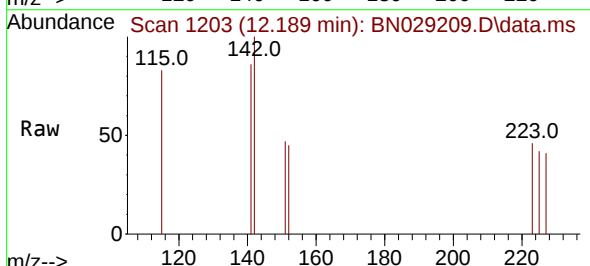
Tgt Ion:152 Resp: 749
Ion Ratio Lower Upper
152 100
151 23.1 16.6 24.8

Manual Integrations
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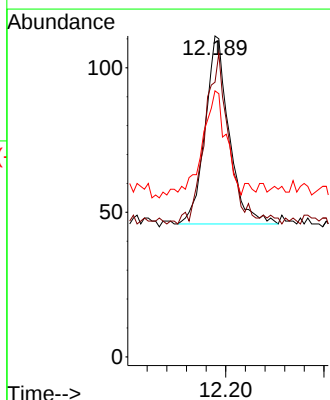
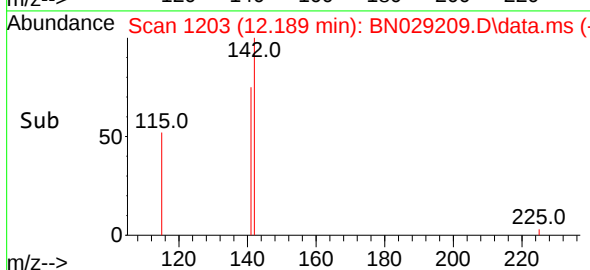
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

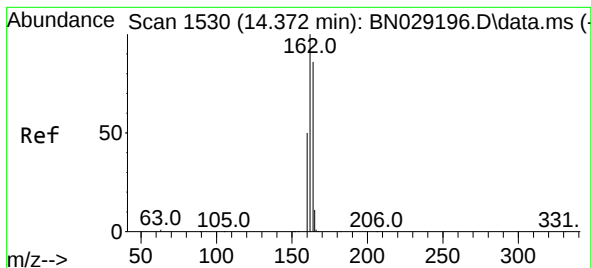


#12
2-Methylnaphthalene
Concen: 0.031 ng
RT: 12.189 min Scan# 1203
Delta R.T. -0.004 min
Lab File: BN029209.D
Acq: 28 Dec 2023 12:01



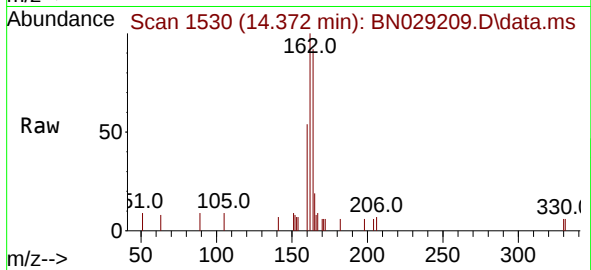
Tgt Ion:142 Resp: 110
Ion Ratio Lower Upper
142 100
141 85.6 69.8 104.6
115 82.9 43.2 64.8#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.372 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BN029209.D
Acq: 28 Dec 2023 12:01

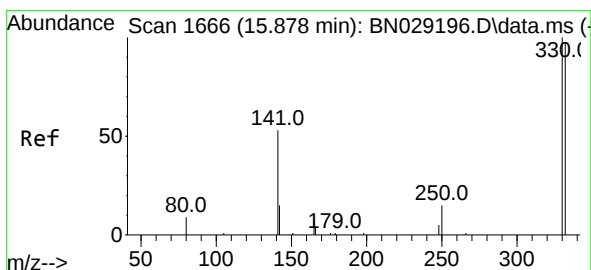
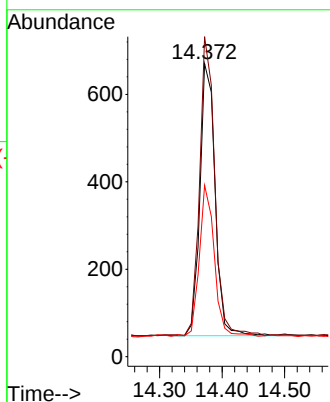
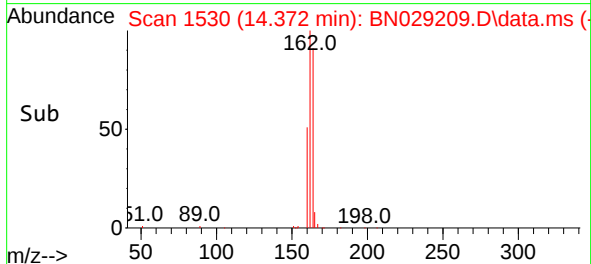
Instrument :
BNA_N
ClientSampleId :
COMA3



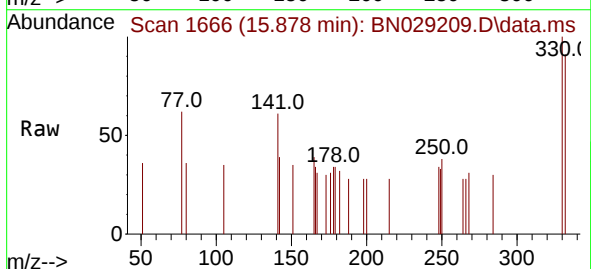
Tgt Ion:164 Resp: 1052
Ion Ratio Lower Upper
164 100
162 109.3 91.8 137.8
160 58.5 49.4 74.2

Manual Integrations
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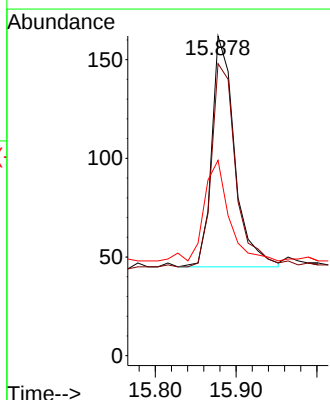
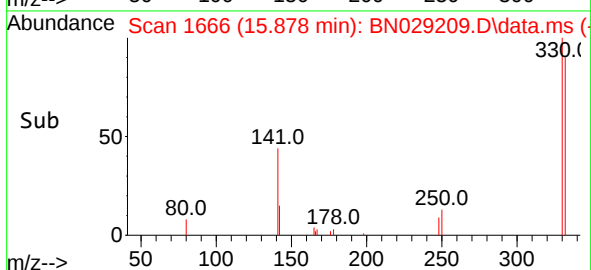
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

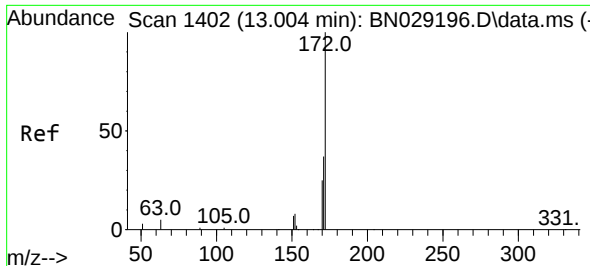


#14
2,4,6-Tribromophenol
Concen: 0.285 ng
RT: 15.878 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN029209.D
Acq: 28 Dec 2023 12:01



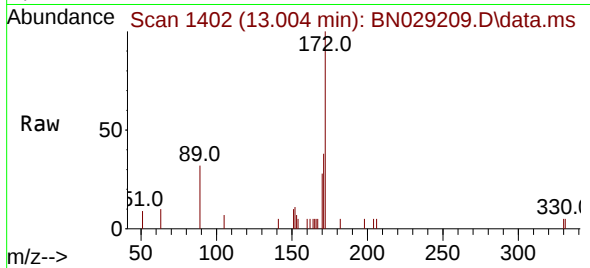
Tgt Ion:330 Resp: 231
Ion Ratio Lower Upper
330 100
332 93.9 74.4 111.6
141 47.2 46.7 70.1





#15
2-Fluorobiphenyl
Concen: 0.272 ng
RT: 13.004 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BN029209.D
Acq: 28 Dec 2023 12:01

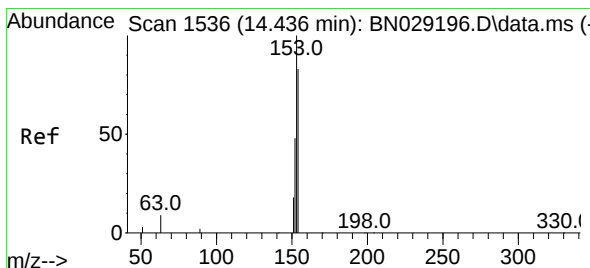
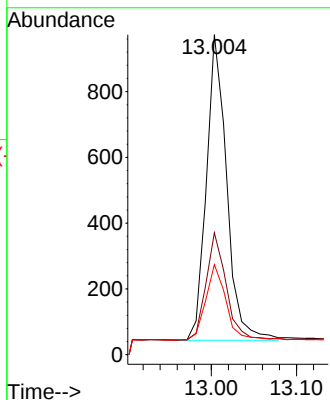
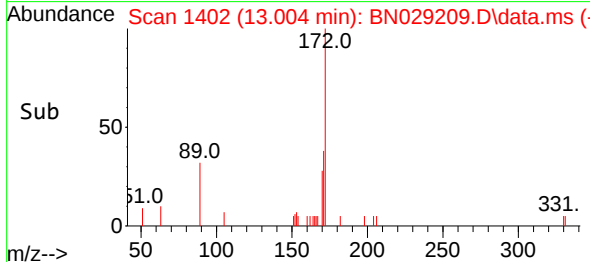
Instrument :
BNA_N
ClientSampleId :
COMA3



Tgt Ion:172 Resp: 1534
Ion Ratio Lower Upper
172 100
171 38.1 32.8 49.2
170 28.2 24.0 36.0

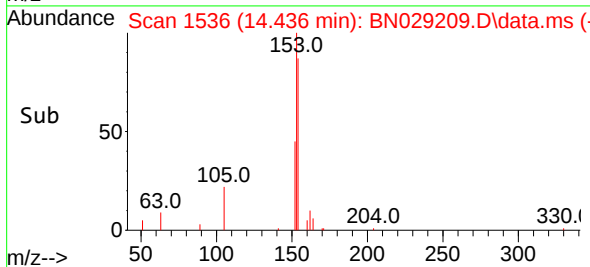
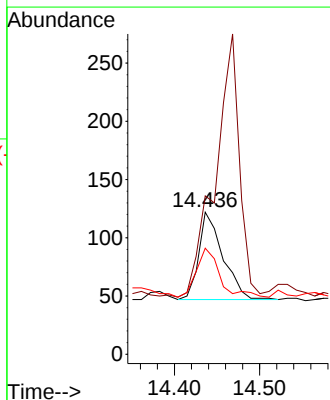
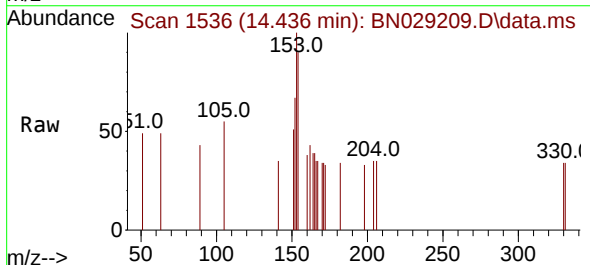
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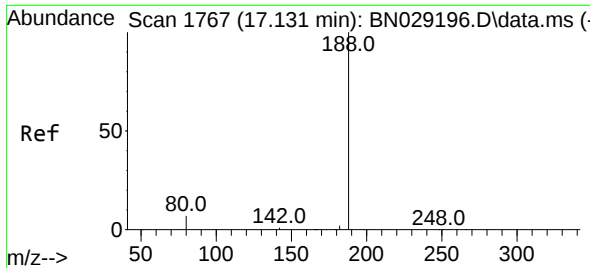
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#17
Acenaphthene
Concen: 0.034 ng
RT: 14.436 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BN029209.D
Acq: 28 Dec 2023 12:01

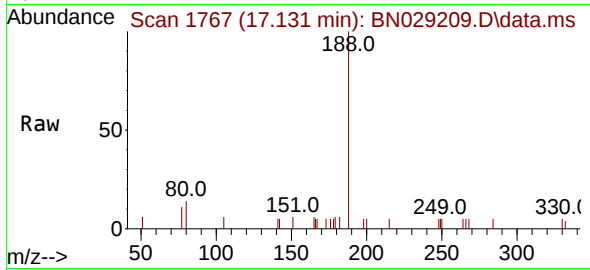
Tgt Ion:154 Resp: 147
Ion Ratio Lower Upper
154 100
153 0.0 94.6 141.8#
152 53.7 46.4 69.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.131 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BN029209.D
Acq: 28 Dec 2023 12:01

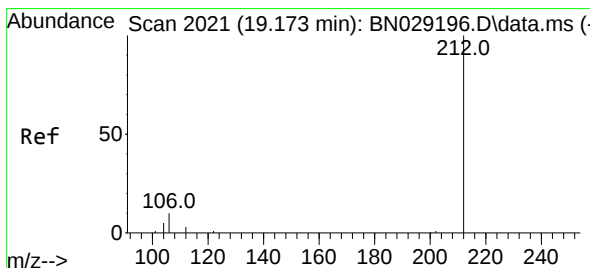
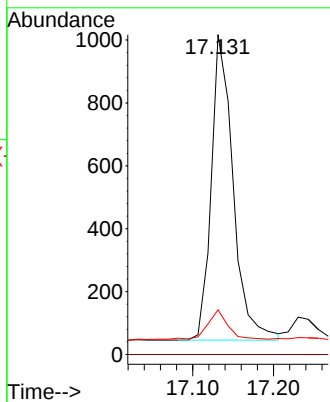
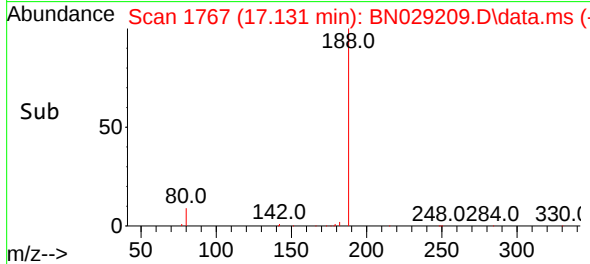
Instrument :
BNA_N
ClientSampleId :
COMA3



Tgt Ion:188 Resp: 182
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 8.8 13.2

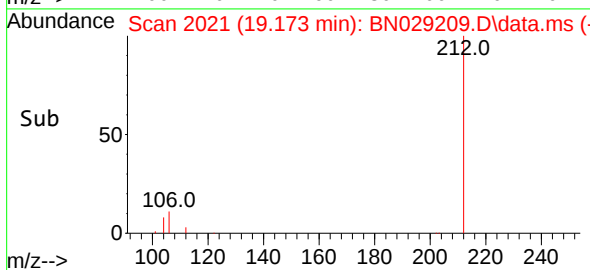
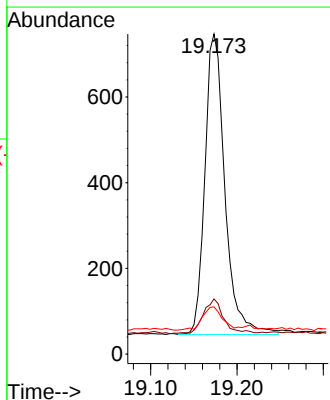
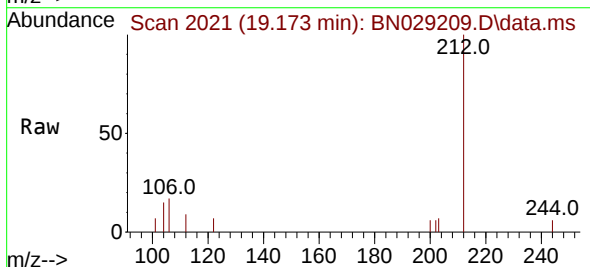
Manual Integrations
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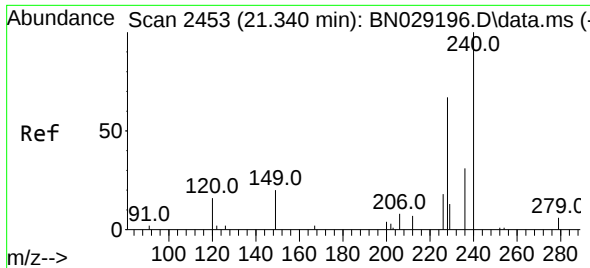
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#27
Fluoranthene-d10
Concen: 0.304 ng
RT: 19.173 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BN029209.D
Acq: 28 Dec 2023 12:01

Tgt Ion:212 Resp: 1129
Ion Ratio Lower Upper
212 100
106 11.6 9.7 14.5
104 8.0 6.3 9.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.349 min Scan# 2453

Delta R.T. 0.009 min

Lab File: BN029209.D

Acq: 28 Dec 2023 12:01

Instrument :

BNA_N

ClientSampleId :

COMA3

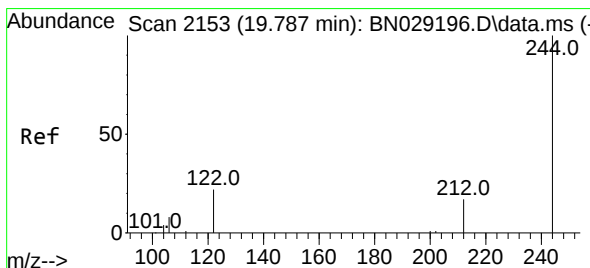
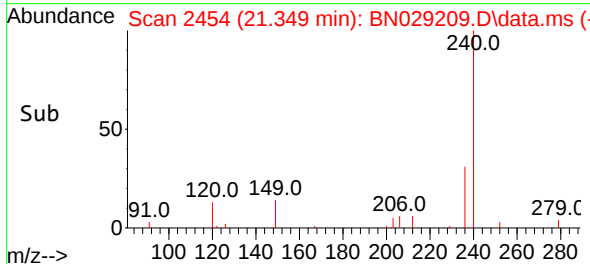
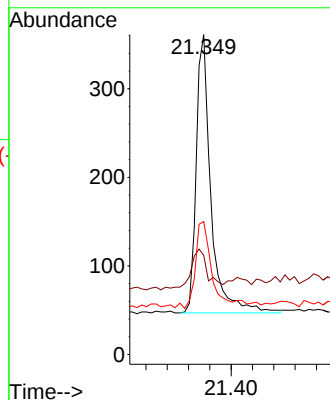
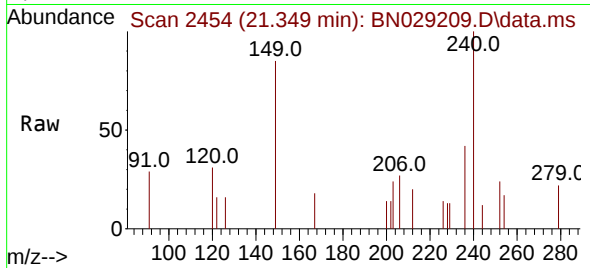
Tgt Ion:240	Resp:	602
Ion Ratio	Lower	Upper
240	100	
120	31.0	24.6 36.8
236	41.6	32.0 48.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023



#31

Terphenyl-d14

Concen: 0.366 ng

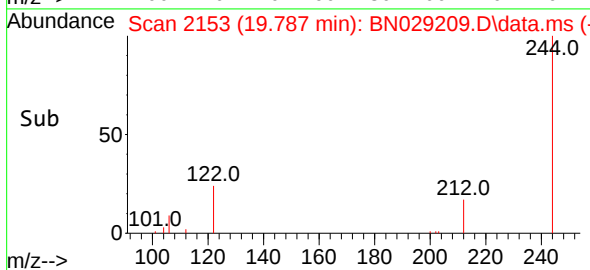
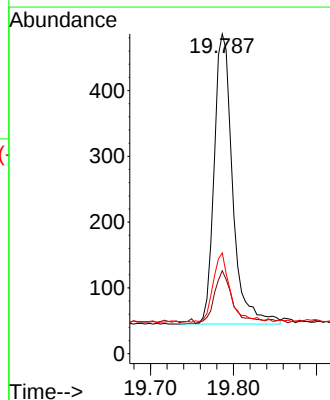
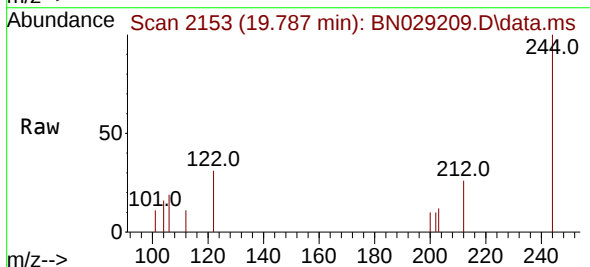
RT: 19.787 min Scan# 2153

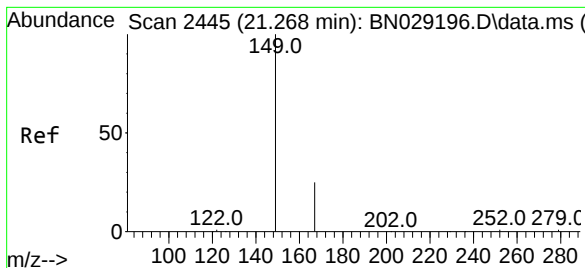
Delta R.T. 0.000 min

Lab File: BN029209.D

Acq: 28 Dec 2023 12:01

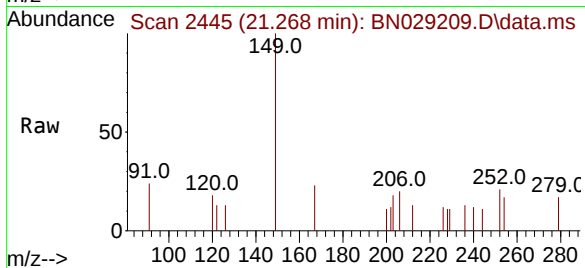
Tgt Ion:244	Resp:	683
Ion Ratio	Lower	Upper
244	100	
212	25.9	20.1 30.1
122	31.5	23.9 35.9





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.045 ng
RT: 21.268 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN029209.D
Acq: 28 Dec 2023 12:01

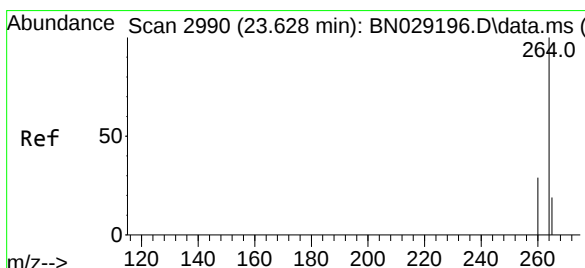
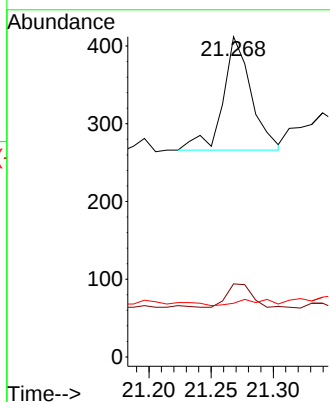
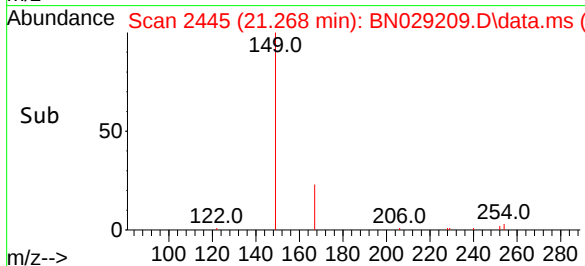
Instrument :
BNA_N
ClientSampleId :
COMA3



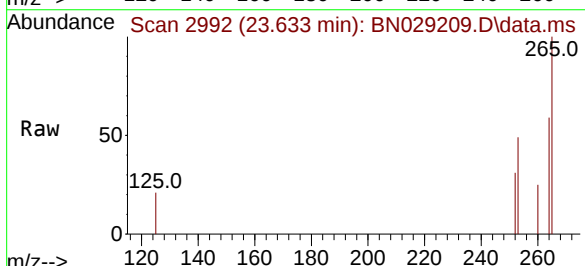
Tgt Ion:149 Resp: 229
Ion Ratio Lower Upper
149 100
167 17.9 20.7 31.1
279 6.1 2.4 3.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#35
Perylene-d12
Concen: 0.400 ng m
RT: 23.633 min Scan# 2992
Delta R.T. 0.006 min
Lab File: BN029209.D
Acq: 28 Dec 2023 12:01



Tgt Ion:264 Resp: 483
Ion Ratio Lower Upper
264 100
260 42.2 30.2 45.4
265 169.7 88.1 132.1#

