

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
 Data File : BN031465.D
 Acq On : 10 May 2024 16:14
 Operator : MA/JU
 Sample : P2315-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TEST-1-T20

Quant Time: May 10 16:43:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 02:12:24 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :mohammad ahmed 05/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	12286	0.400	ng	0.00
7) Naphthalene-d8	10.496	136	40001	0.400	ng	# 0.00
13) Acenaphthene-d10	14.349	164	23943	0.400	ng	0.00
19) Phenanthrene-d10	17.091	188	54696	0.400	ng	# 0.00
29) Chrysene-d12	21.274	240	50081	0.400	ng	# 0.00
35) Perylene-d12	23.513	264	49974	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	4277	0.123	ng	0.00
5) Phenol-d6	6.873	99	3747	0.080	ng	0.00
8) Nitrobenzene-d5	8.862	82	8184m	0.285	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	17924	0.278	ng	0.00
14) 2,4,6-Tribromophenol	15.837	330	2441	0.269	ng	0.00
15) 2-Fluorobiphenyl	12.970	172	26726	0.290	ng	-0.01
27) Fluoranthene-d10	19.119	212	51030	0.336	ng	0.00
31) Terphenyl-d14	19.727	244	42436	0.346	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	10271	0.680	ng	# 92
32) Benzo(a)anthracene	21.256	228	3957	0.020	ng	# 86
33) Chrysene	21.309	228	4559	0.025	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.211	149	58140	0.514	ng	99
36) Indeno(1,2,3-cd)pyrene	25.785	276	4337	0.022	ng	97
37) Benzo(b)fluoranthene	22.841	252	5610	0.031	ng	# 1
38) Benzo(k)fluoranthene	22.887	252	5381	0.032	ng	# 1
41) Benzo(g,h,i)perylene	26.475	276	3399	0.020	ng	# 59

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

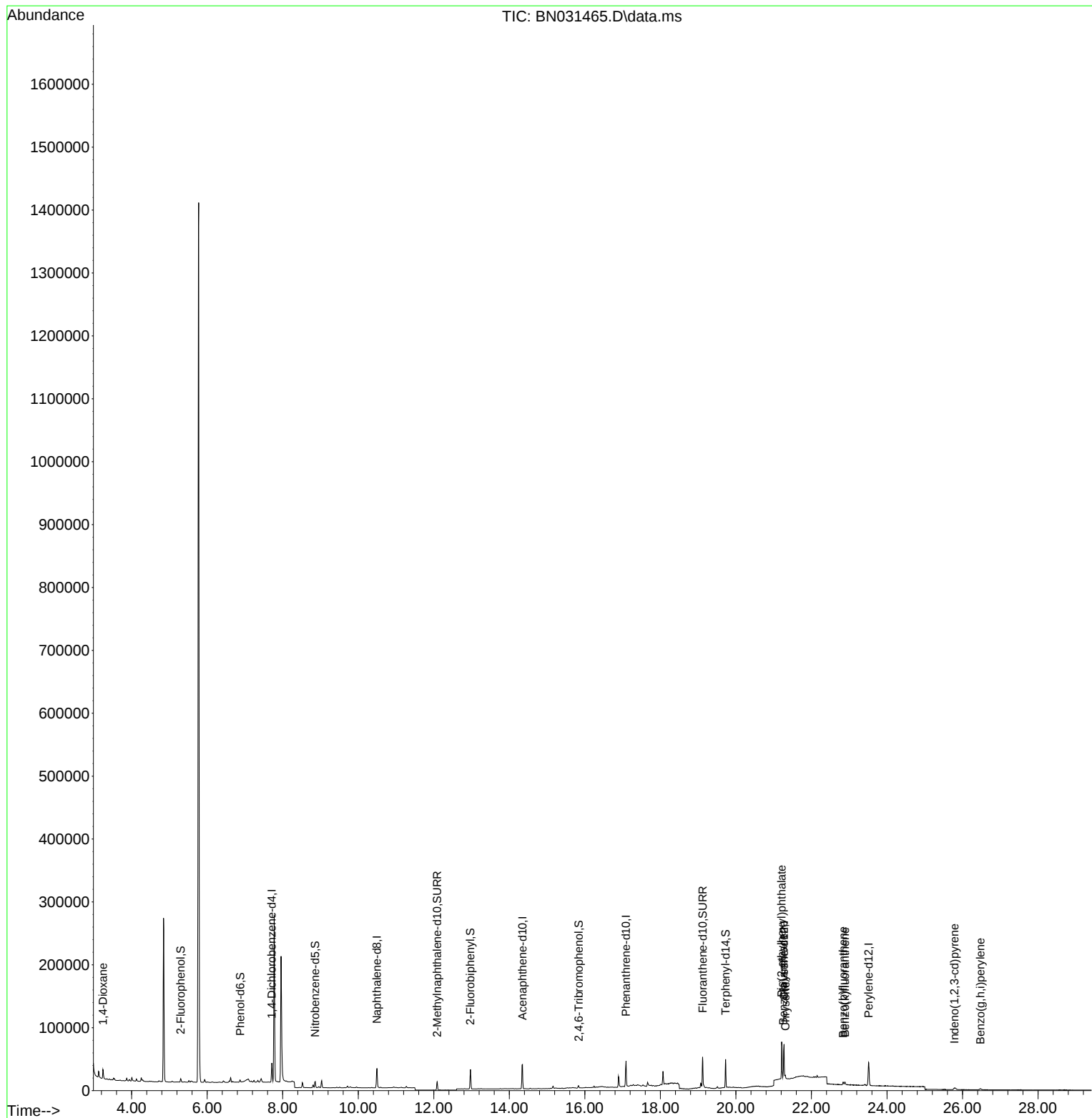
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
Data File : BN031465.D
Acq On : 10 May 2024 16:14
Operator : MA/JU
Sample : P2315-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TEST-1-T20

Quant Time: May 10 16:43:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration

Manual Integrations
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Supervised By :mohammad ahmed 05/13/2024





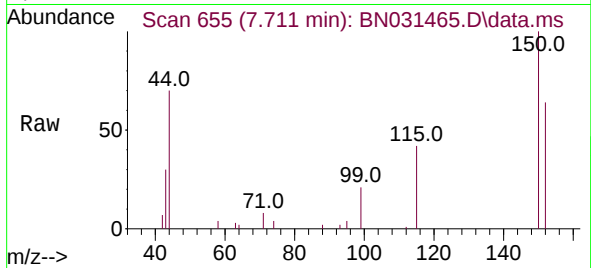
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.711 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

Instrument :

BNA_N

ClientSampleId :

TEST-1-T20



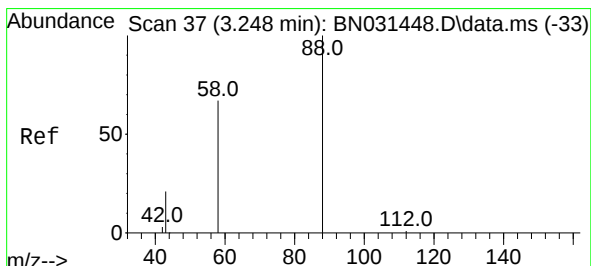
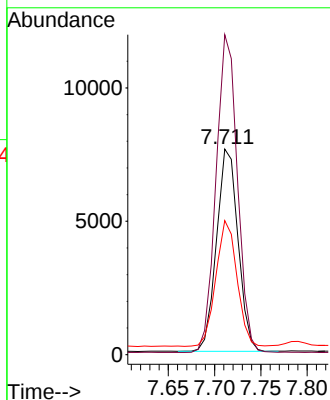
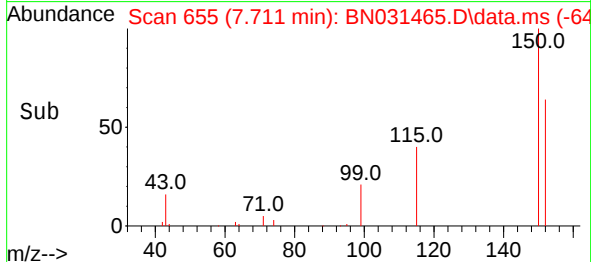
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Ion Ratio Lower Upper
152 100
150 155.6 119.3 178.9
115 65.2 54.8 82.2

Manual Integrations

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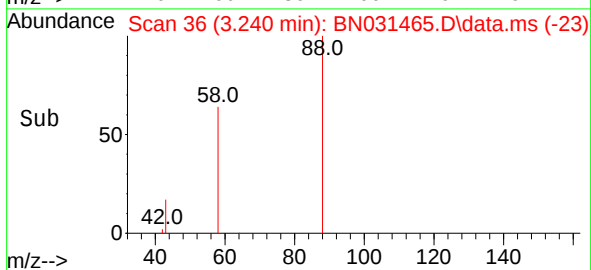
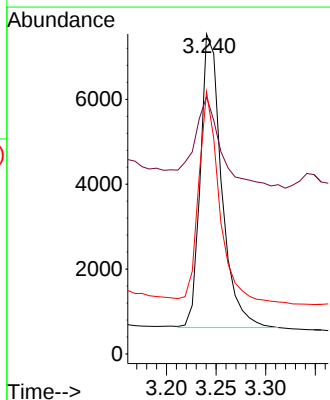
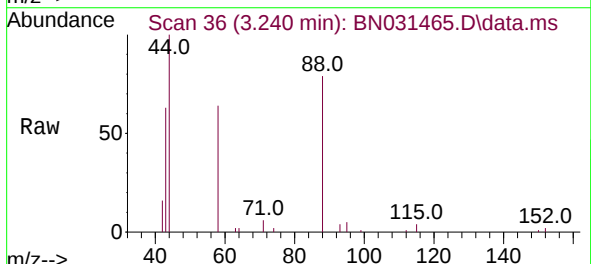
Reviewed By :Yogesh Patel 05/13/2024

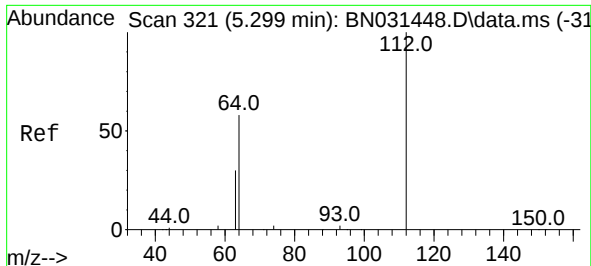
Supervised By :mohammad ahmed 05/13/2024



#2
1,4-Dioxane
Concen: 0.680 ng
RT: 3.240 min Scan# 36
Delta R.T. -0.008 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

Tgt Ion: 88 Resp: 10271
Ion Ratio Lower Upper
88 100
43 35.8 39.0 58.6#
58 69.2 54.9 82.3





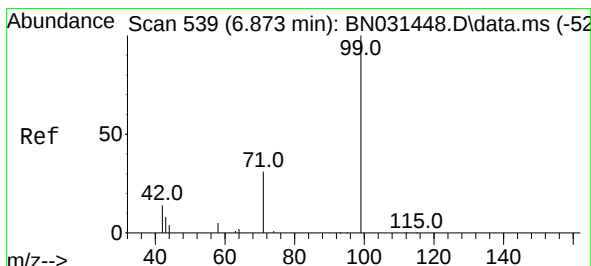
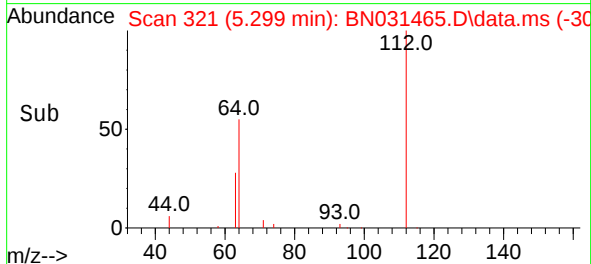
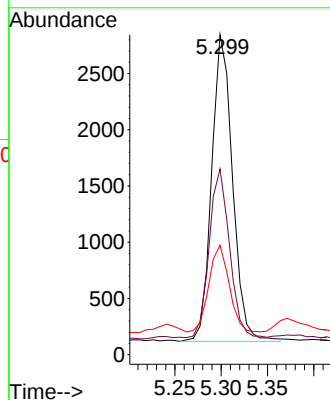
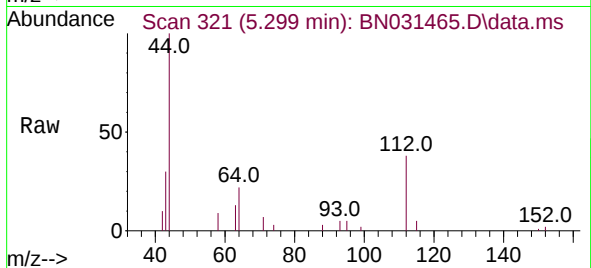
#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.299 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

Instrument :
BNA_N
ClientSampleId :
TEST-1-T20

Tgt Ion:112 Resp: 427
Ion Ratio Lower Upper
112 100
64 53.2 44.0 66.0
63 27.4 22.2 33.4

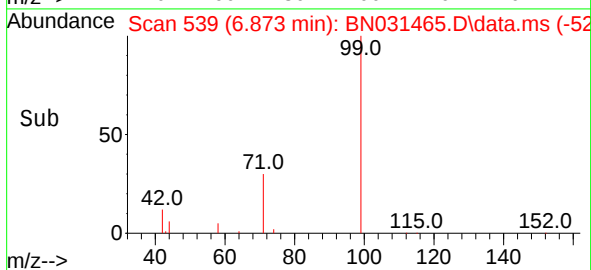
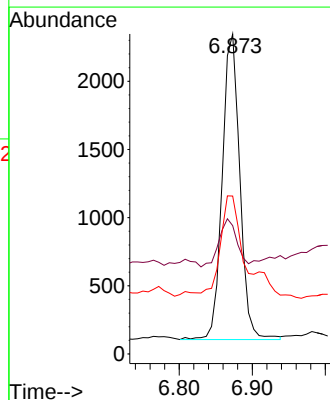
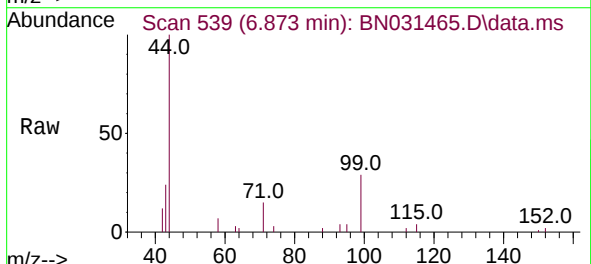
Manual Integrations
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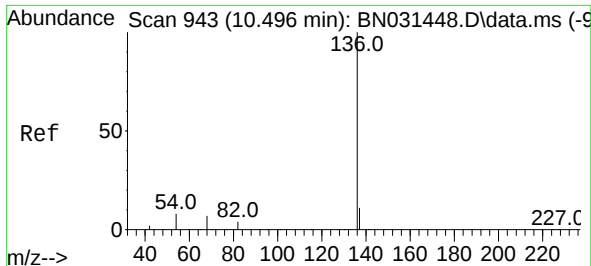
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#5
Phenol-d6
Concen: 0.080 ng
RT: 6.873 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

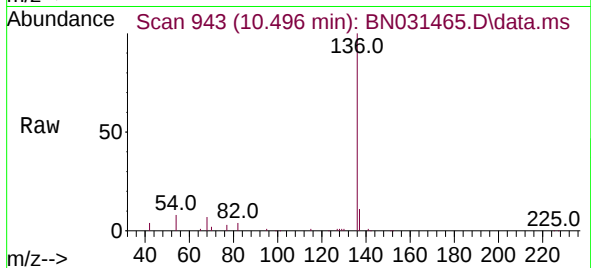
Tgt Ion: 99 Resp: 3747
Ion Ratio Lower Upper
99 100
42 15.8 13.5 20.3
71 45.6 26.1 39.1#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.496 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

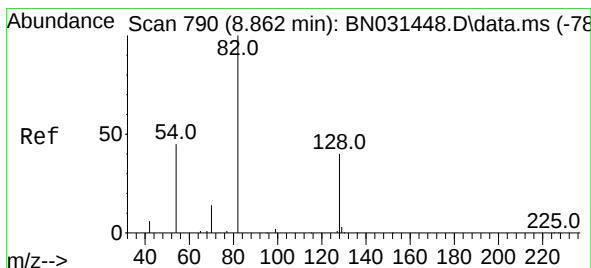
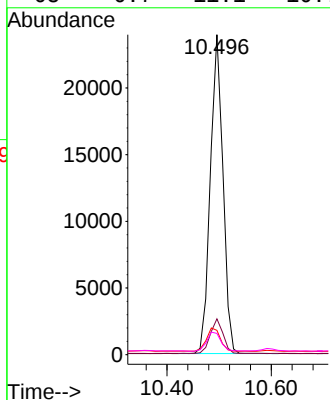
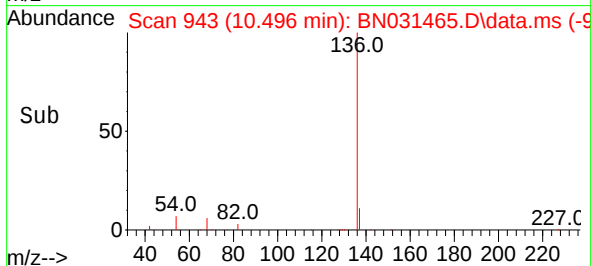
Instrument :
BNA_N
ClientSampleId :
TEST-1-T20



Tgt Ion: 136 Resp: 4000
Ion Ratio Lower Upper
136 100
137 11.2 10.1 15.1
54 7.6 10.5 15.7
68 6.7 11.1 16.7#

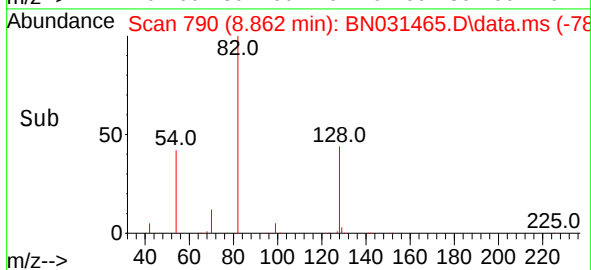
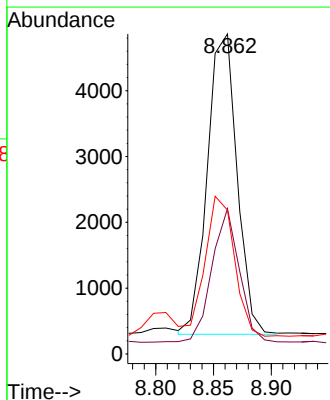
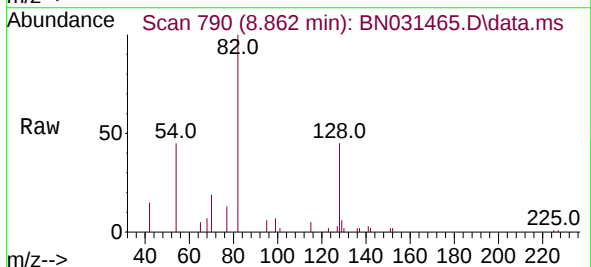
Manual Integrations
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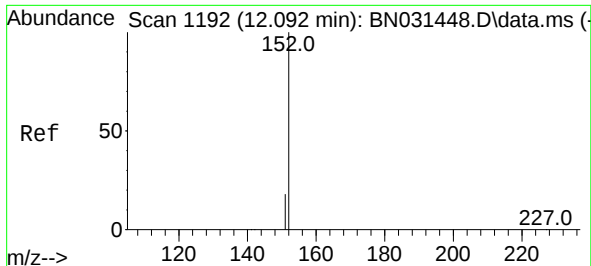
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#8
Nitrobenzene-d5
Concen: 0.285 ng m
RT: 8.862 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

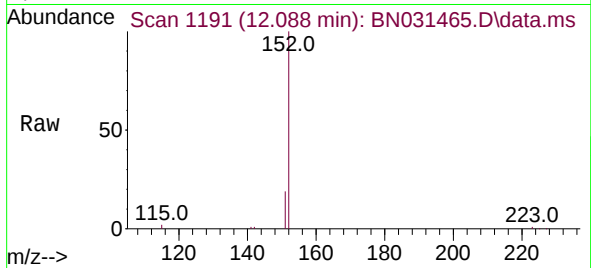
Tgt Ion: 82 Resp: 8184
Ion Ratio Lower Upper
82 100
128 45.4 29.0 43.6#
54 45.0 37.2 55.8





#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 12.088 min Scan# 1191
Delta R.T. -0.004 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

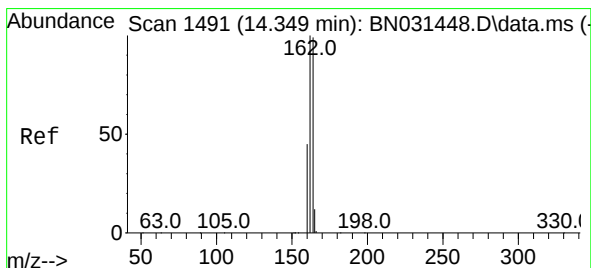
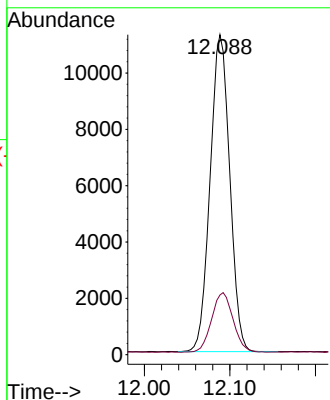
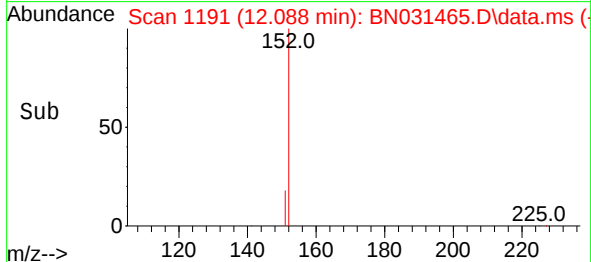
Instrument :
BNA_N
ClientSampleId :
TEST-1-T20



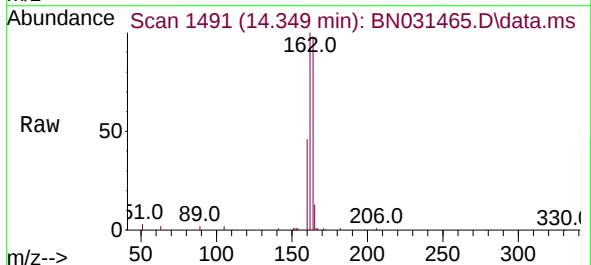
Tgt Ion:152 Resp: 17924
Ion Ratio Lower Upper
152 100
151 20.6 16.6 25.0

Manual Integrations
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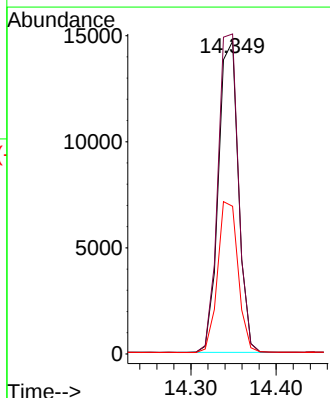
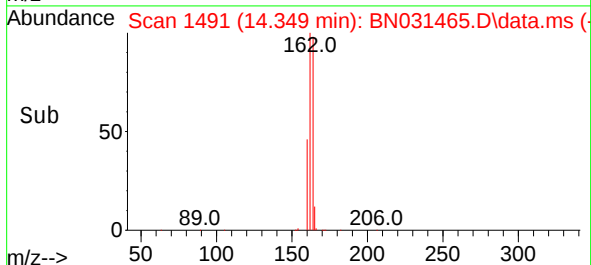
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

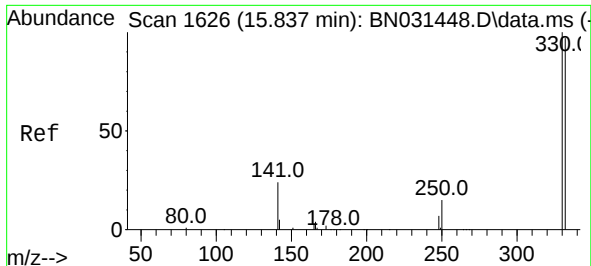


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.349 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14



Tgt Ion:164 Resp: 23943
Ion Ratio Lower Upper
164 100
162 102.3 81.2 121.8
160 47.2 37.0 55.6





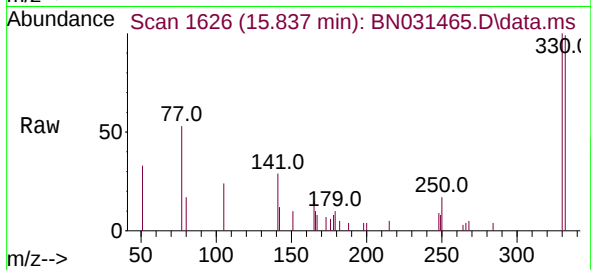
#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 15.837 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

Instrument :

BNA_N

ClientSampleId :

TEST-1-T20



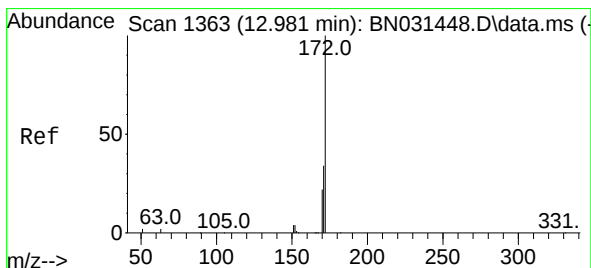
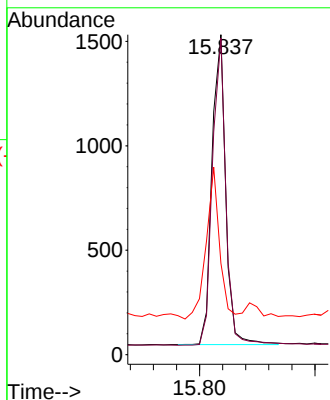
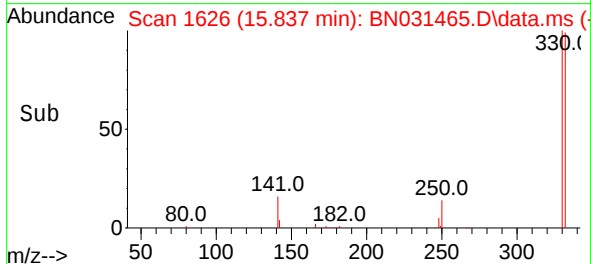
Tgt Ion:330 Resp: 244
Ion Ratio Lower Upper
330 100
332 97.3 76.6 114.8
141 47.8 37.0 55.4

Manual Integrations

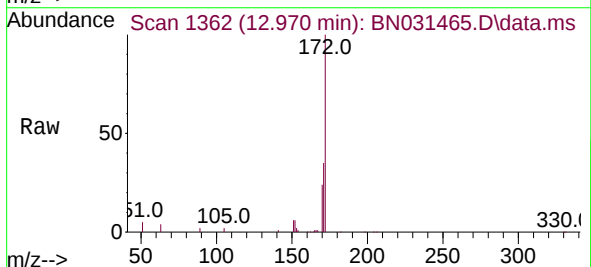
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

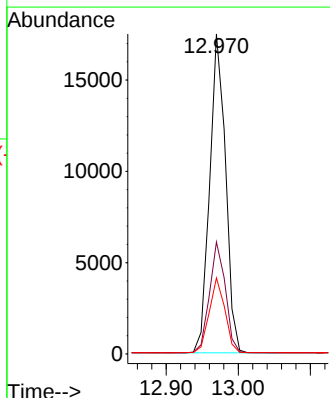
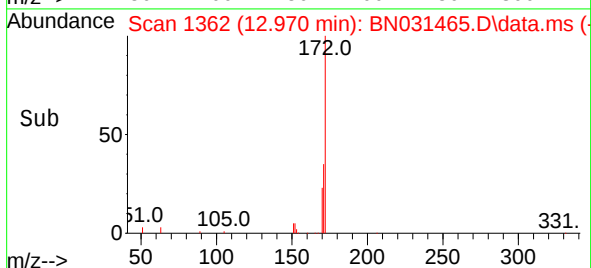
Supervised By :mohammad ahmed 05/13/2024

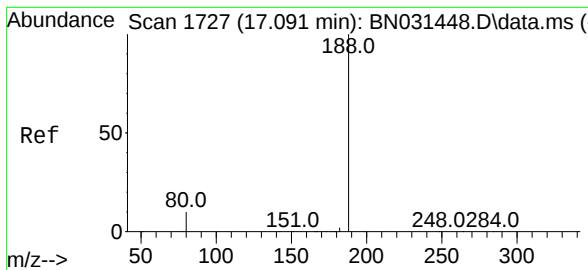


#15
2-Fluorobiphenyl
Concen: 0.290 ng
RT: 12.970 min Scan# 1362
Delta R.T. -0.011 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14



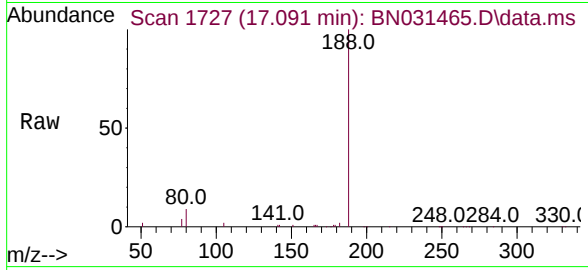
Tgt Ion:172 Resp: 26726
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.8 18.3 27.5





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.091 min Scan# 1727
Delta R.T. -0.000 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

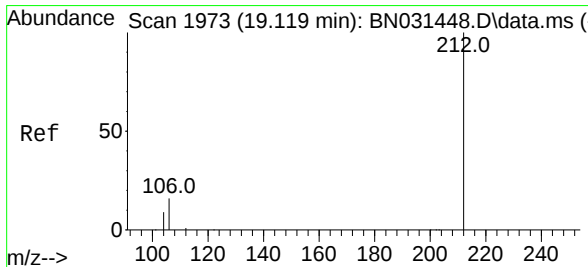
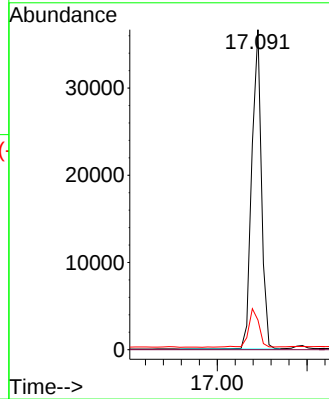
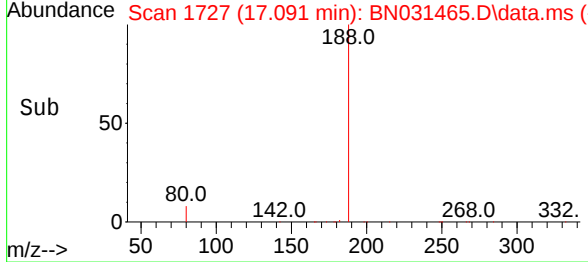
Instrument :
BNA_N
ClientSampleId :
TEST-1-T20



Tgt Ion:188 Resp: 54690
Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 9.2 9.6 14.4

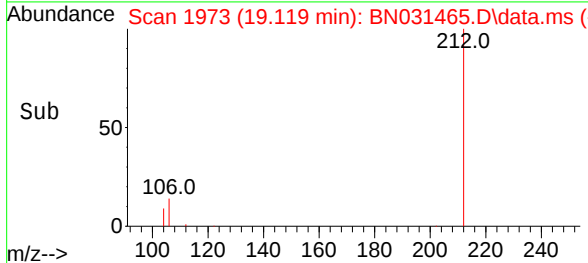
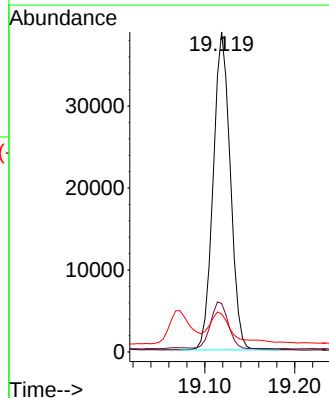
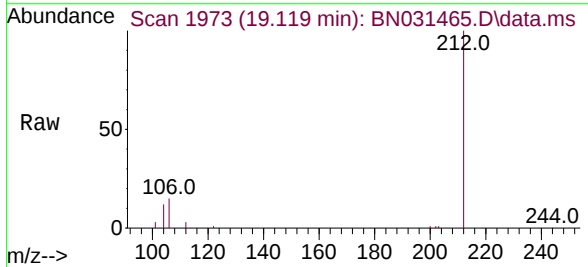
Manual Integrations
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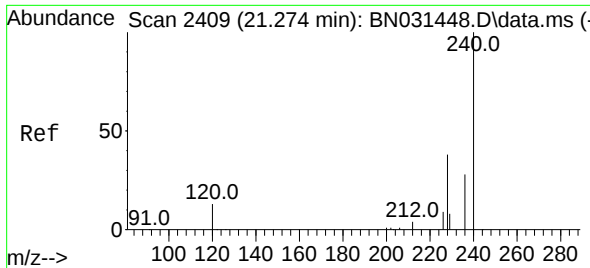
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#27
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.119 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

Tgt Ion:212 Resp: 51030
Ion Ratio Lower Upper
212 100
106 15.3 12.0 18.0
104 12.8 6.9 10.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.274 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

Instrument :

BNA_N

ClientSampleId :

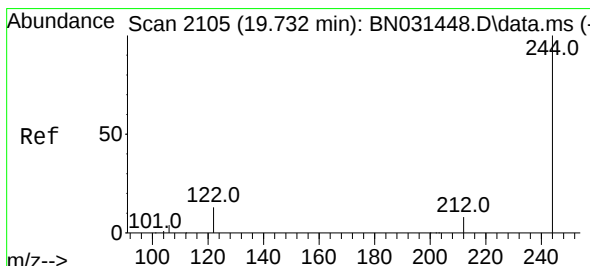
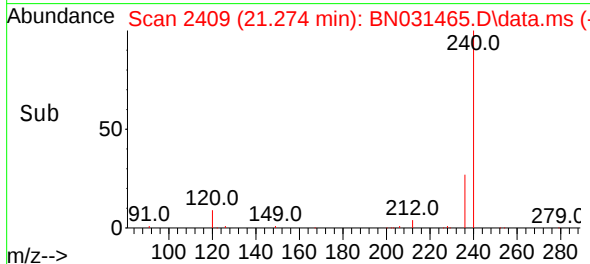
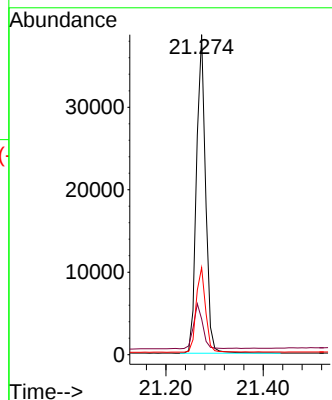
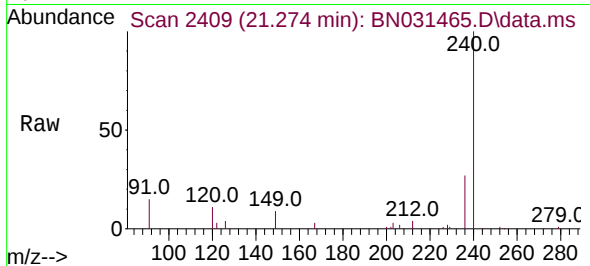
TEST-1-T20

Tgt Ion:240 Resp: 5008
Ion Ratio Lower Upper
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120 11.2 11.4 17.2
236 27.2 22.2 33.4

Manual Integrations

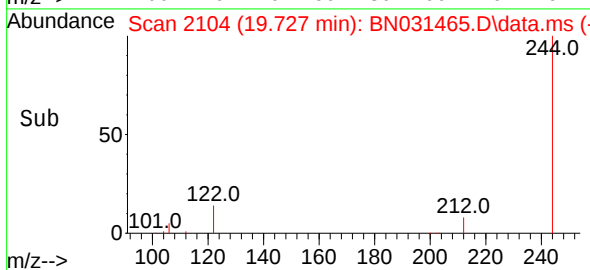
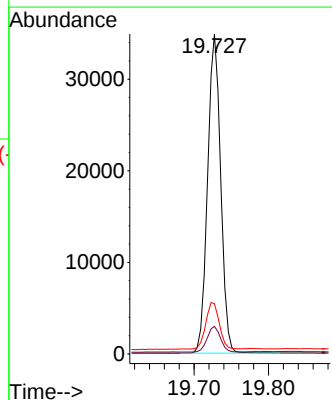
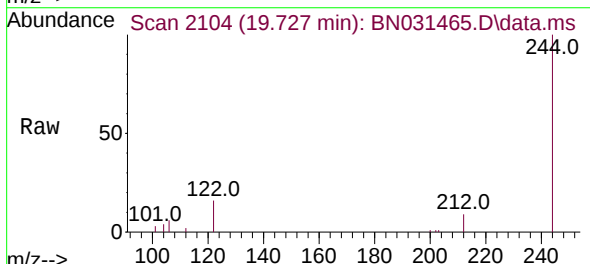
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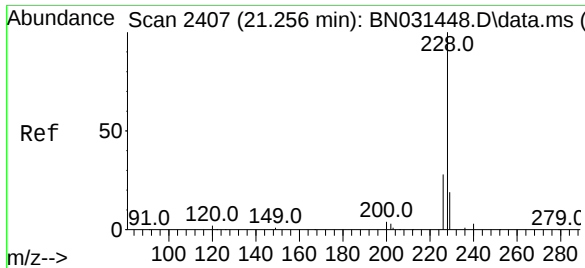
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#31
Terphenyl-d14
Concen: 0.346 ng
RT: 19.727 min Scan# 2104
Delta R.T. -0.005 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

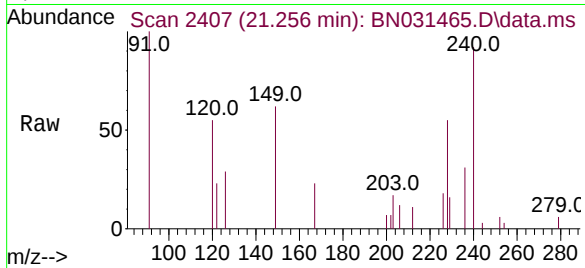
Tgt Ion:244 Resp: 42436
Ion Ratio Lower Upper
244 100
212 8.6 6.5 9.7
122 15.7 11.4 17.2





#32
Benzo(a)anthracene
Concen: 0.020 ng
RT: 21.256 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

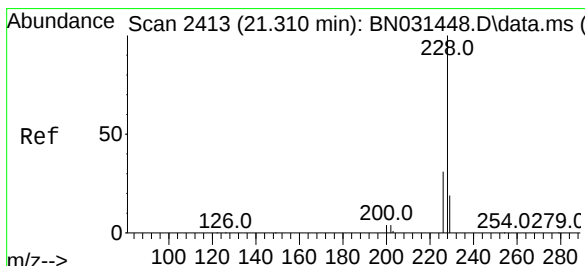
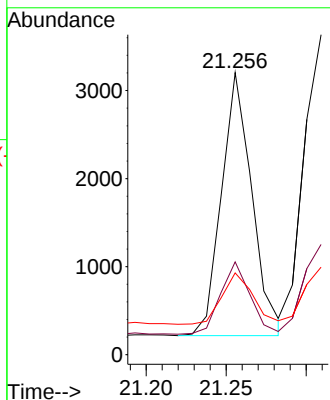
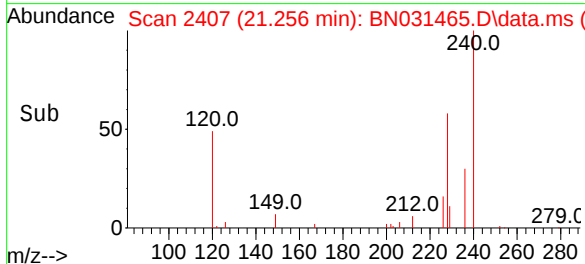
Instrument :
BNA_N
ClientSampleId :
TEST-1-T20



Tgt Ion:228 Resp: 395
Ion Ratio Lower Upper
228 100
226 32.9 22.4 33.6
229 29.0 15.5 23.3

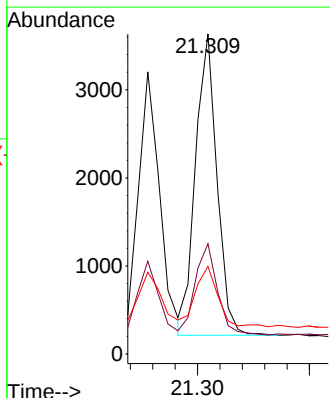
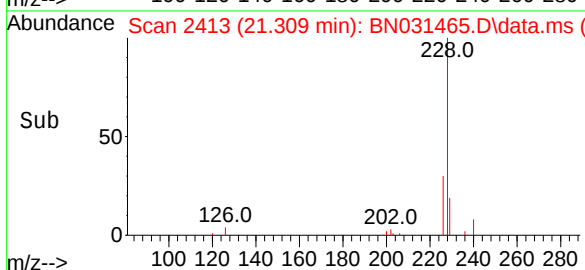
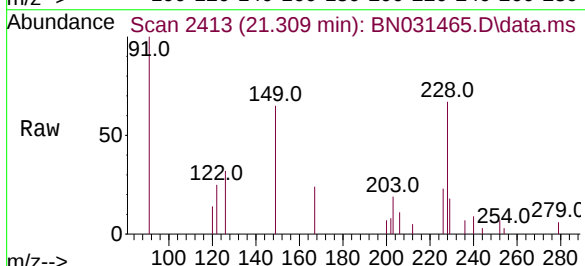
Manual Integrations
APPROVED

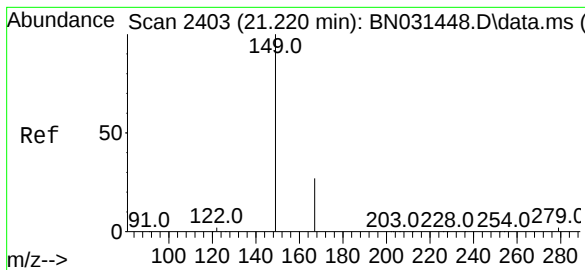
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#33
Chrysene
Concen: 0.025 ng
RT: 21.309 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

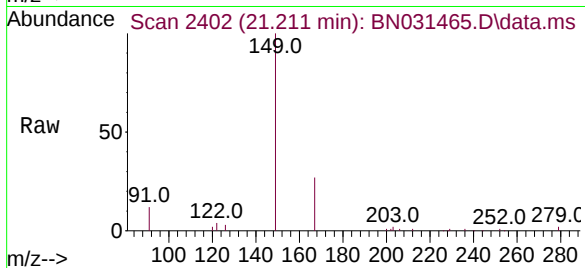
Tgt Ion:228 Resp: 4559
Ion Ratio Lower Upper
228 100
226 34.4 24.5 36.7
229 27.3 15.8 23.8





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.514 ng
RT: 21.211 min Scan# 2402
Delta R.T. -0.009 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

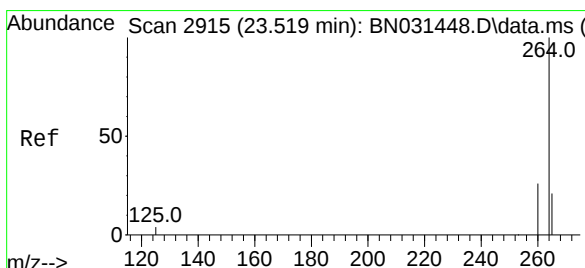
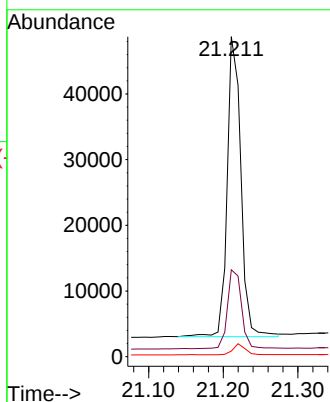
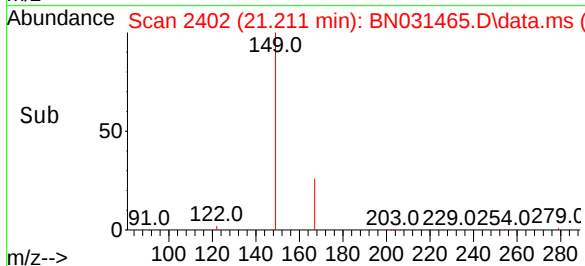
Instrument : BNA_N
ClientSampleId : TEST-1-T20



Tgt Ion:149 Resp: 58140
Ion Ratio Lower Upper
149 100
167 27.2 22.1 33.1
279 3.3 2.7 4.1

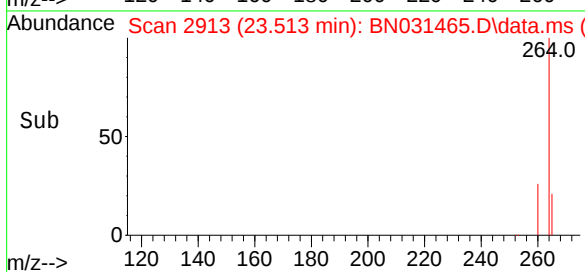
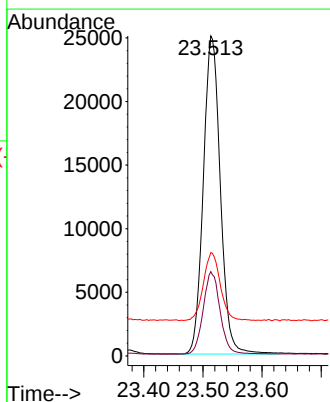
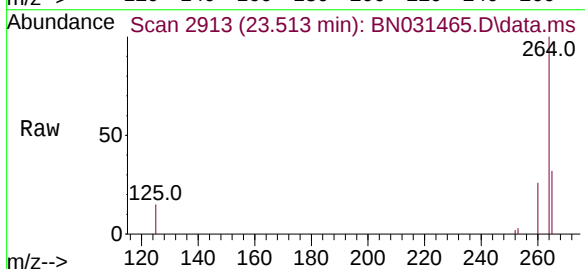
Manual Integrations
APPROVED

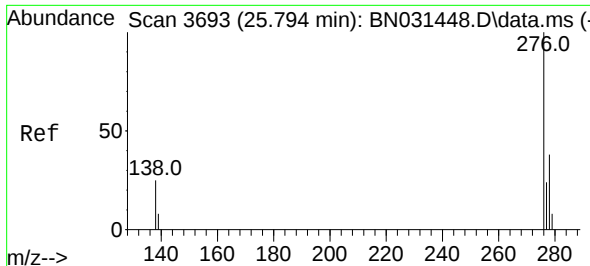
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.513 min Scan# 2913
Delta R.T. -0.006 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

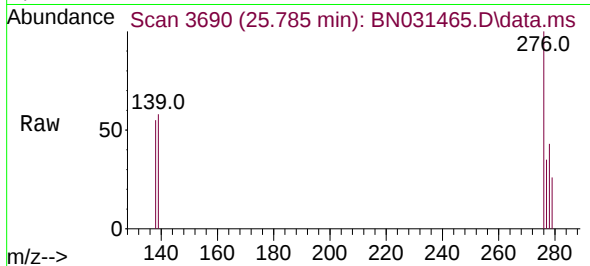
Tgt Ion:264 Resp: 49974
Ion Ratio Lower Upper
264 100
260 26.4 20.6 31.0
265 32.3 24.0 36.0





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng
RT: 25.785 min Scan# 3690
Delta R.T. -0.009 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

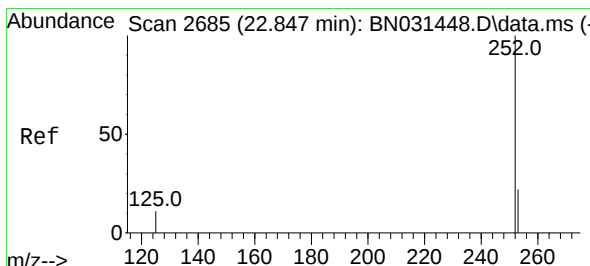
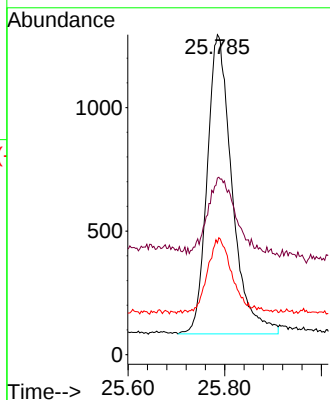
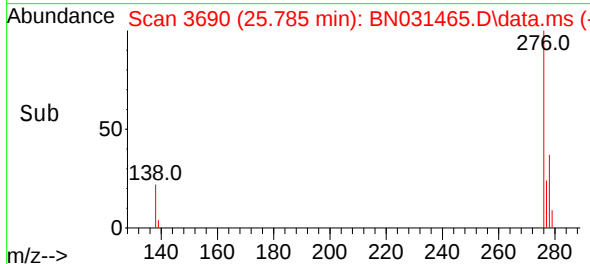
Instrument :
BNA_N
ClientSampleId :
TEST-1-T20



Tgt Ion:276 Resp: 433
Ion Ratio Lower Upper
276 100
138 27.5 23.0 34.6
277 23.6 19.9 29.9

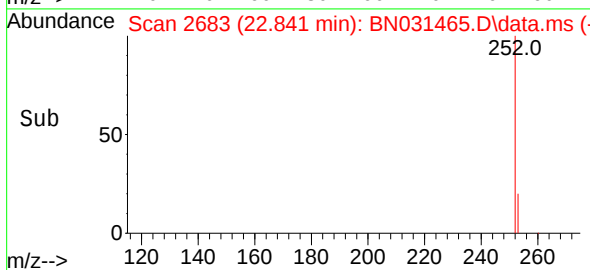
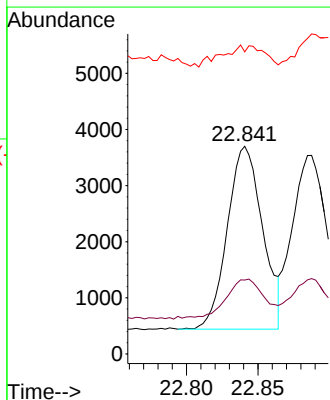
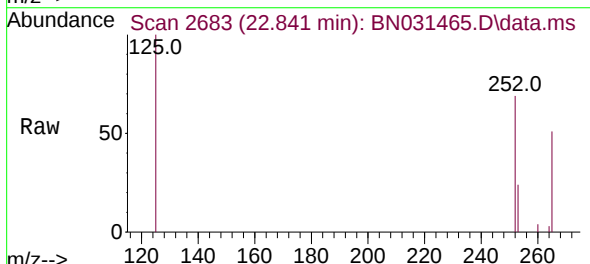
Manual Integrations
APPROVED

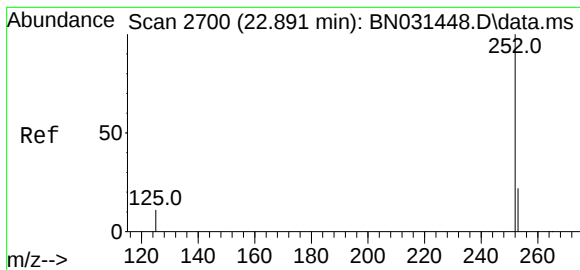
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#37
Benzo(b)fluoranthene
Concen: 0.031 ng
RT: 22.841 min Scan# 2683
Delta R.T. -0.006 min
Lab File: BN031465.D
Acq: 10 May 2024 16:14

Tgt Ion:252 Resp: 5610
Ion Ratio Lower Upper
252 100
253 35.6 18.2 27.4#
125 145.4 10.5 15.7#





#38

Benzo(k)fluoranthene

Concen: 0.032 ng

RT: 22.887 min Scan# 2

Delta R.T. -0.003 min

Lab File: BN031465.D

Acq: 10 May 2024 16:14

Instrument :

BNA_N

ClientSampleId :

TEST-1-T20

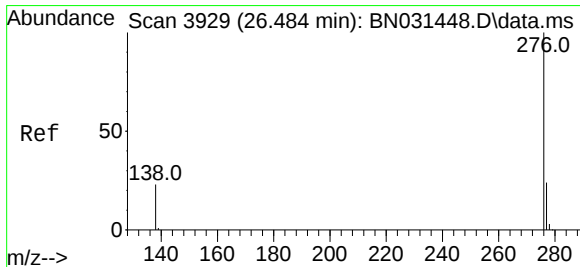
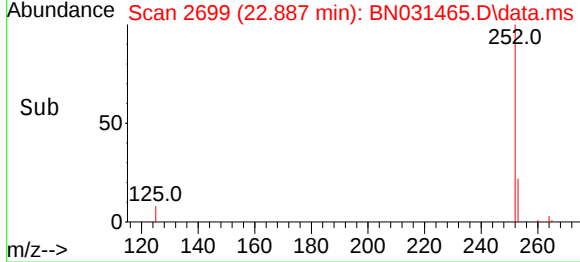
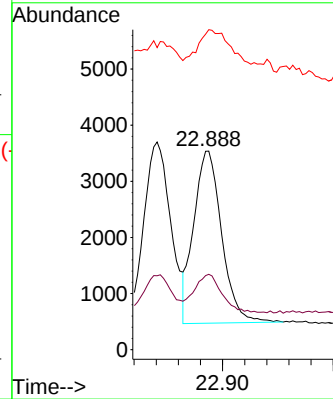
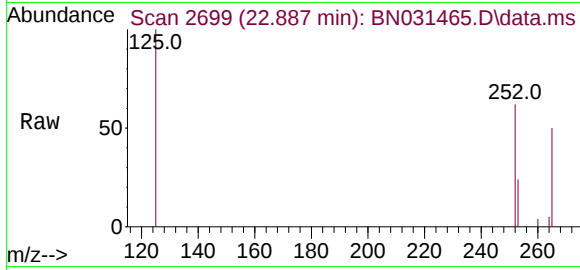
Tgt Ion:	252	Resp:	538
Ion Ratio	Lower	Upper	
252	100		
253	37.9	18.2	27.2
125	161.1	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#41

Benzo(g,h,i)perylene

Concen: 0.020 ng

RT: 26.475 min Scan# 3926

Delta R.T. -0.009 min

Lab File: BN031465.D

Acq: 10 May 2024 16:14

Tgt Ion:	276	Resp:	3399
Ion Ratio	Lower	Upper	
276	100		
277	37.0	19.4	29.0
138	53.0	20.4	30.6

