

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
 Data File : BN033518.D
 Acq On : 20 Aug 2024 22:29
 Operator : MA/JU
 Sample : P3666-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20240816

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 20 23:23:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	7290	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	19000	0.400	ng	# 0.00
13) Acenaphthene-d10	14.189	164	8809	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	16987	0.400	ng	#-0.01
29) Chrysene-d12	21.139	240	11144	0.400	ng	# 0.00
35) Perylene-d12	23.312	264	11324	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	2601	0.112	ng	0.00
5) Phenol-d6	6.736	99	1824	0.066	ng	0.00
8) Nitrobenzene-d5	8.681	82	5510	0.350	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	9087	0.334	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	1165	0.246	ng	0.00
15) 2-Fluorobiphenyl	12.810	172	13572	0.377	ng	0.00
27) Fluoranthene-d10	18.975	212	16334	0.400	ng	0.00
31) Terphenyl-d14	19.593	244	15049	0.594	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.183	88	39758	4.739	ng	Qvalue 97
6) bis(2-Chloroethyl)ether	6.989	93	645	0.033	ng	95
34) Bis(2-ethylhexyl)phtha...	21.086	149	1712m	0.067	ng	

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

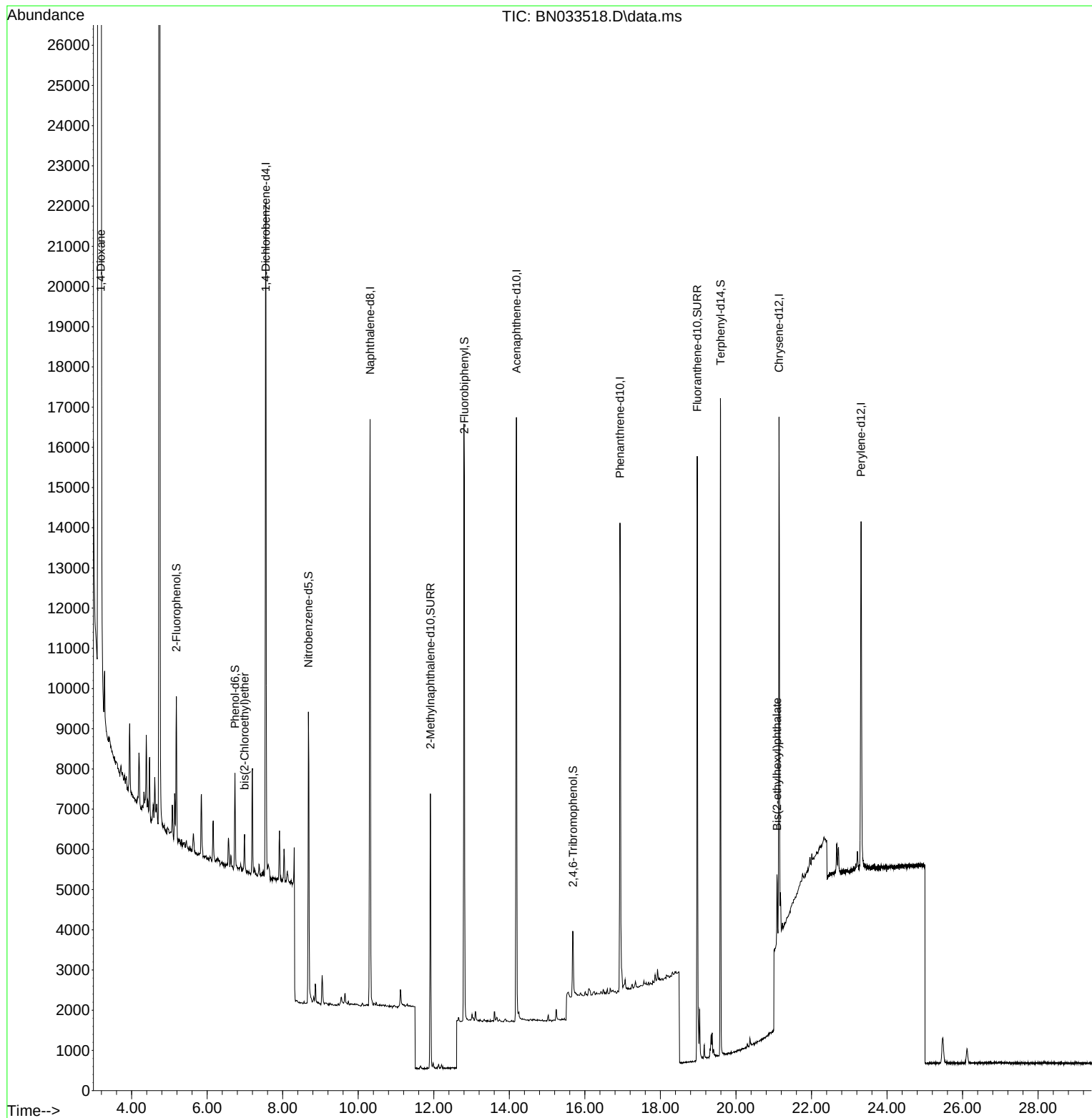
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
Data File : BN033518.D
Acq On : 20 Aug 2024 22:29
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ALS Vial : 13 Sample Multiplier: 1

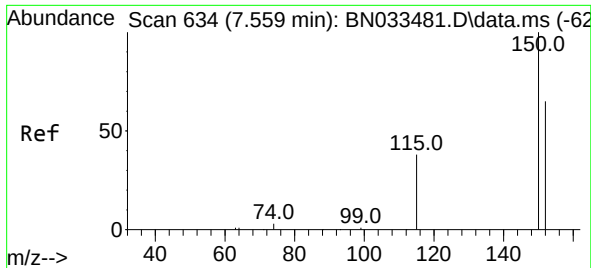
Instrument :
BNA_N
ClientSampleId :
SP-100-20240816

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Supervised By :mohammad ahmed 08/22/2024

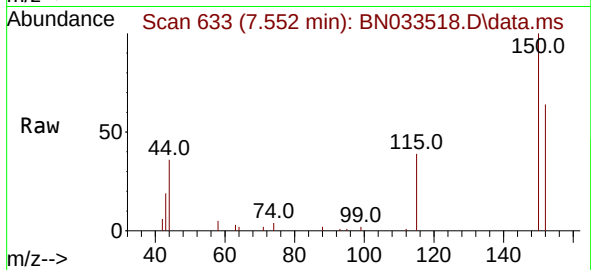
Quant Time: Aug 20 23:23:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033518.D
Acq: 20 Aug 2024 22:29

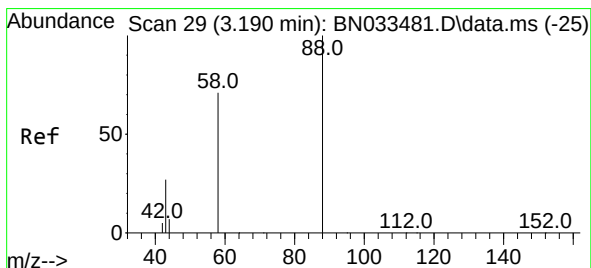
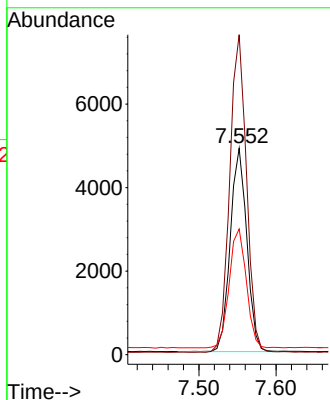
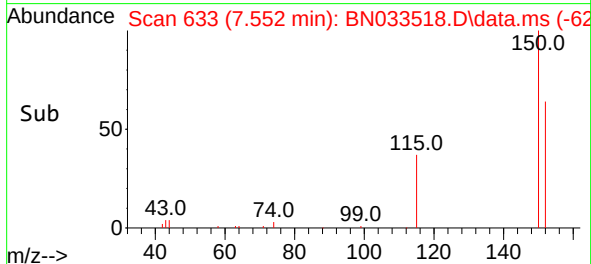
Instrument :
BNA_N
ClientSampleId :
SP-100-20240816



Tgt Ion:152 Resp: 7290
Ion Ratio Lower Upper
152 100
150 155.0 122.2 183.2
115 61.0 47.2 70.8

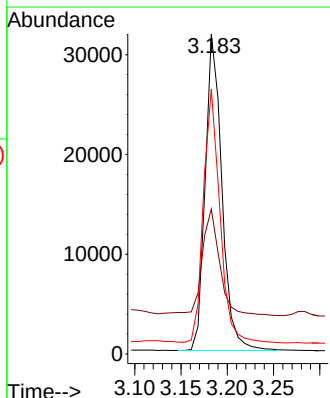
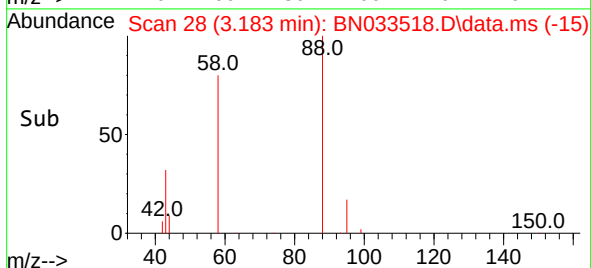
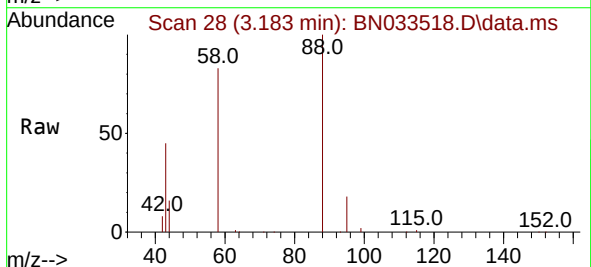
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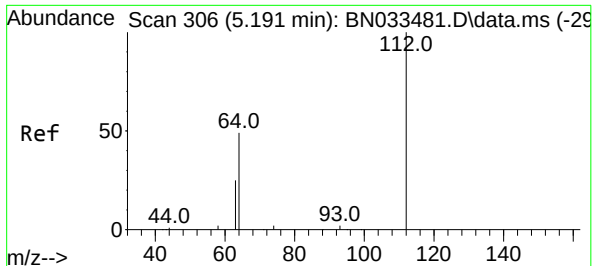
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#2
1,4-Dioxane
Concen: 4.739 ng
RT: 3.183 min Scan# 28
Delta R.T. -0.007 min
Lab File: BN033518.D
Acq: 20 Aug 2024 22:29

Tgt Ion: 88 Resp: 39758
Ion Ratio Lower Upper
88 100
43 36.0 25.0 37.4
58 78.9 62.5 93.7





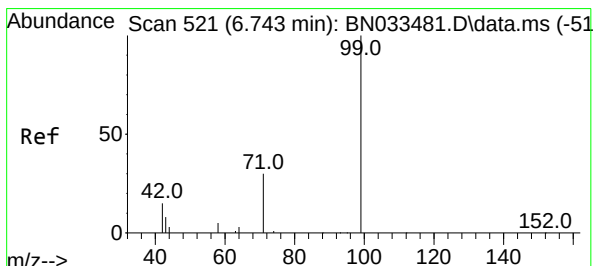
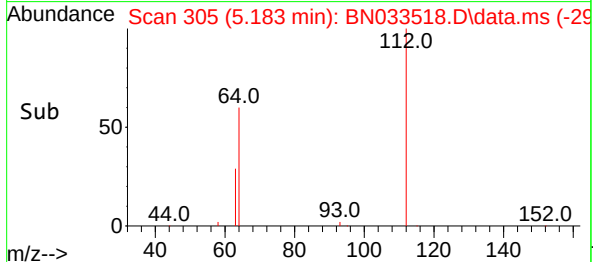
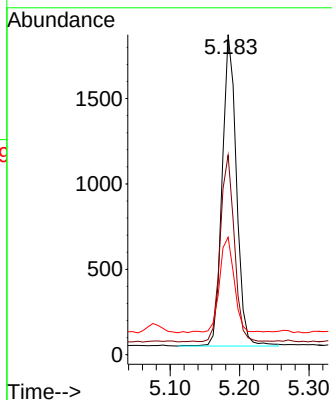
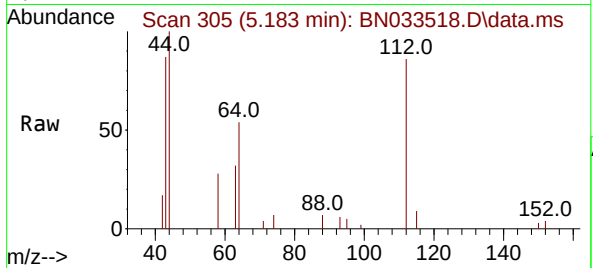
#4
2-Fluorophenol
Concen: 0.112 ng
RT: 5.183 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033518.D
Acq: 20 Aug 2024 22:29

Instrument :
BNA_N
ClientSampleId :
SP-100-20240816

Tgt Ion:112 Resp: 260
Ion Ratio Lower Upper
112 100
64 59.6 47.1 70.7
63 31.8 24.9 37.3

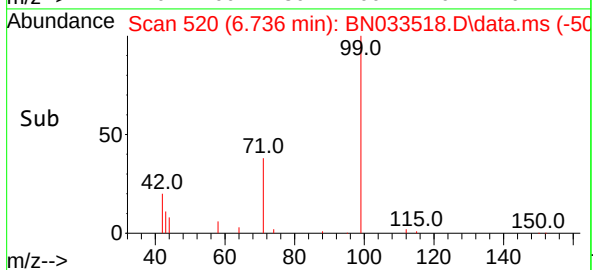
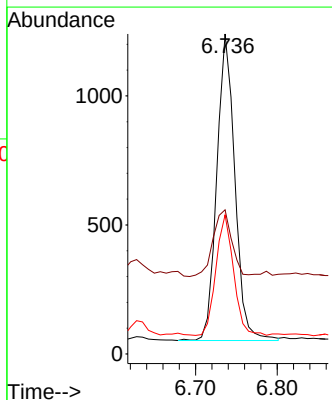
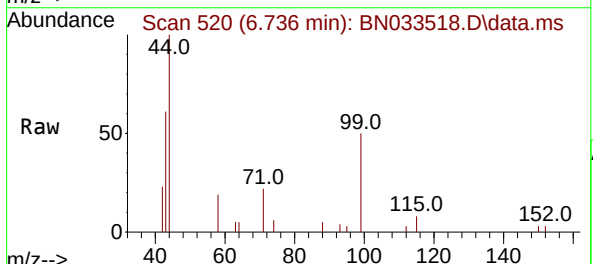
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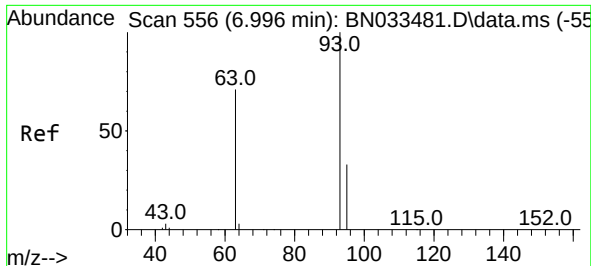
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#5
Phenol-d6
Concen: 0.066 ng
RT: 6.736 min Scan# 520
Delta R.T. -0.007 min
Lab File: BN033518.D
Acq: 20 Aug 2024 22:29

Tgt Ion: 99 Resp: 1824
Ion Ratio Lower Upper
99 100
42 22.4 16.6 24.8
71 38.4 26.2 39.4





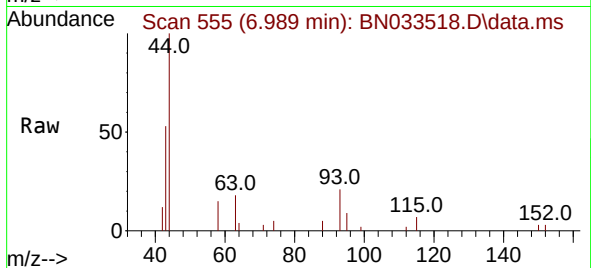
#6
bis(2-Chloroethyl)ether
Concen: 0.033 ng
RT: 6.989 min Scan# 555
Delta R.T. -0.007 min
Lab File: BN033518.D
Acq: 20 Aug 2024 22:29

Instrument :

BNA_N

ClientSampleId :

SP-100-20240816

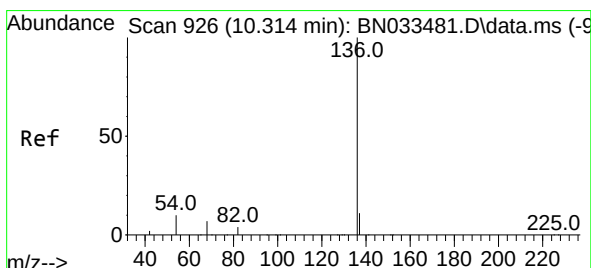
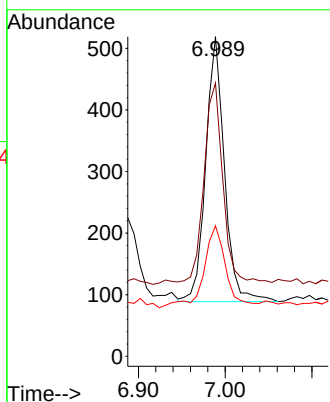
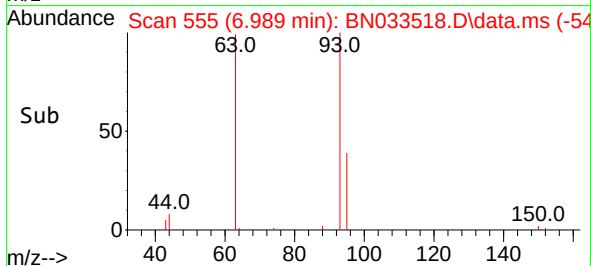


Tgt Ion: 93 Resp: 649
Ion Ratio Lower Upper
93 100
63 74.7 63.0 94.4
95 36.4 26.0 39.0

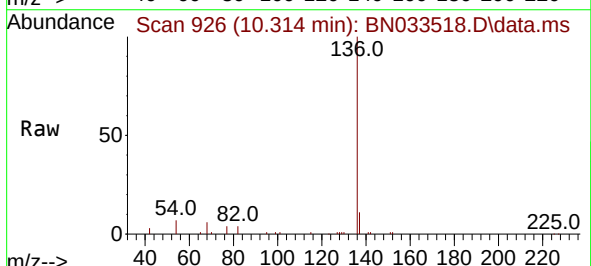
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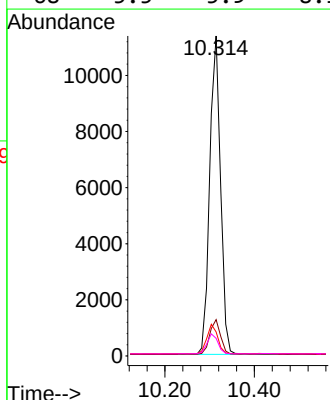
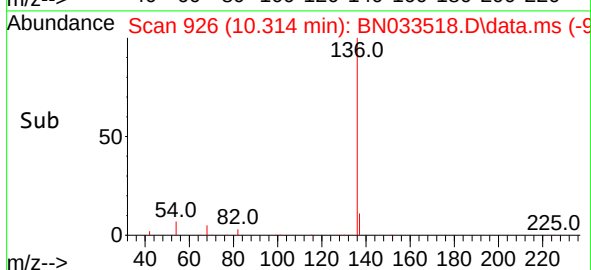
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Supervised By :mohammad ahmed 08/22/2024

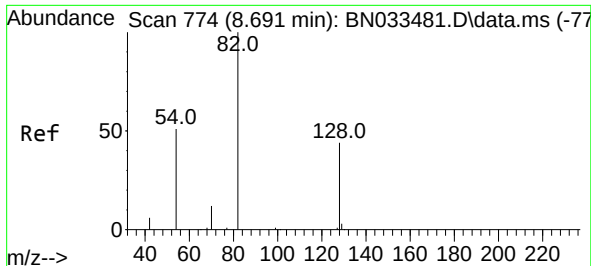


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 926
Delta R.T. -0.000 min
Lab File: BN033518.D
Acq: 20 Aug 2024 22:29



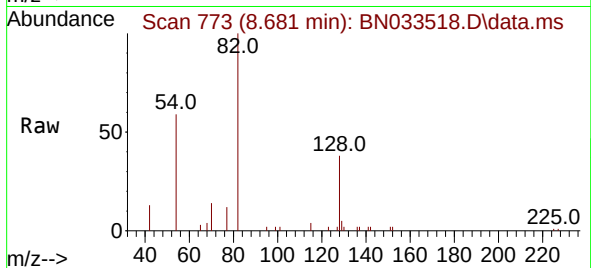
Tgt Ion:136 Resp: 19000
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 7.5 8.3 12.5#
68 5.5 5.9 8.9#





#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 8.681 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033518.D
Acq: 20 Aug 2024 22:29

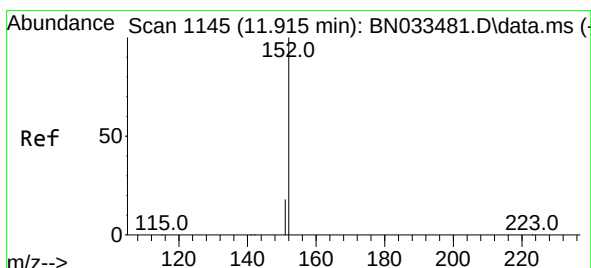
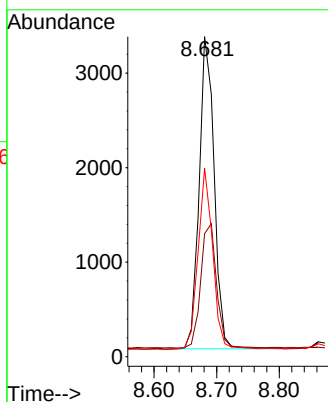
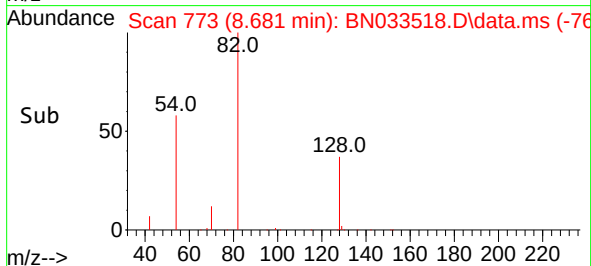
Instrument :
BNA_N
ClientSampleId :
SP-100-20240816



Tgt Ion: 82 Resp: 5510
Ion Ratio Lower Upper
82 100
128 38.5 36.0 54.0
54 58.9 42.0 63.0

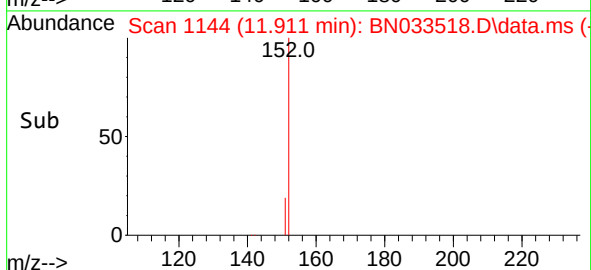
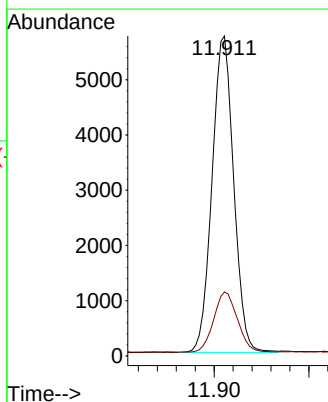
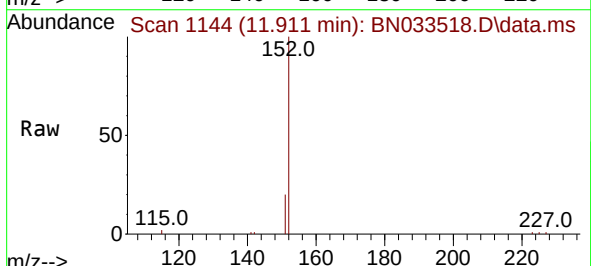
Manual Integrations
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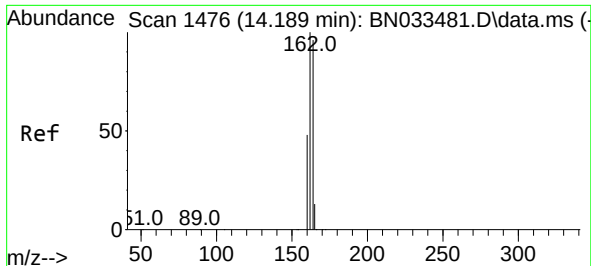
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#11
2-Methylnaphthalene-d10
Concen: 0.334 ng
RT: 11.911 min Scan# 1144
Delta R.T. -0.004 min
Lab File: BN033518.D
Acq: 20 Aug 2024 22:29

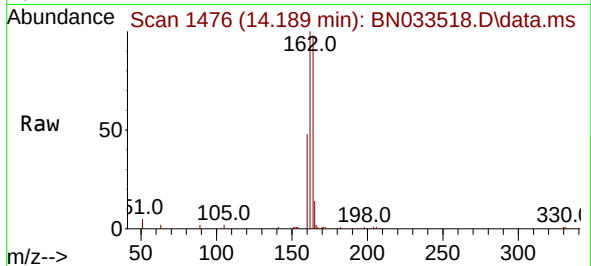
Tgt Ion:152 Resp: 9087
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BN033518.D
Acq: 20 Aug 2024 22:29

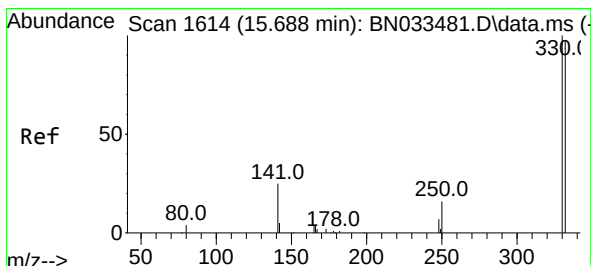
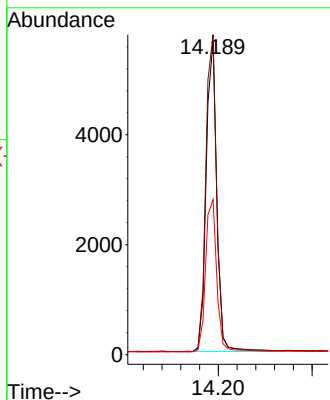
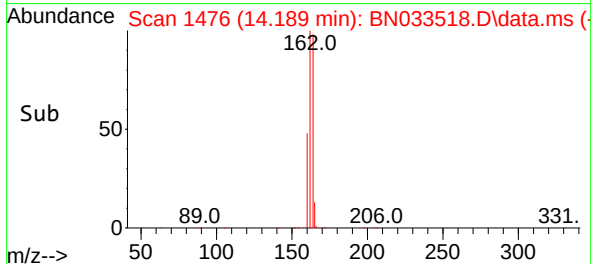
Instrument :
BNA_N
ClientSampleId :
SP-100-20240816



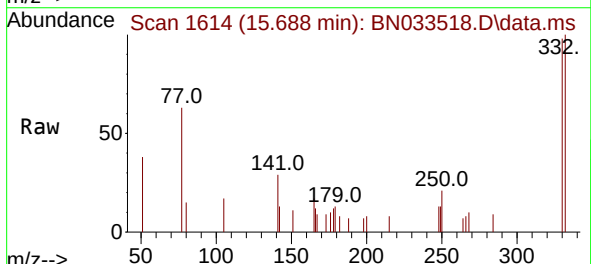
Tgt Ion:164 Resp: 8809
Ion Ratio Lower Upper
164 100
162 101.8 83.5 125.3
160 49.3 40.2 60.4

Manual Integrations
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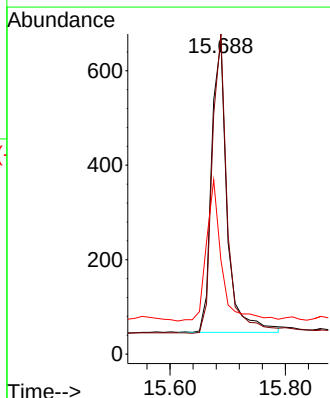
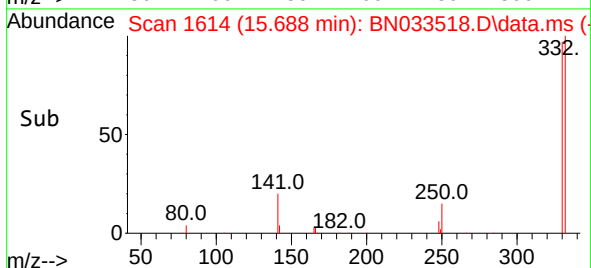
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

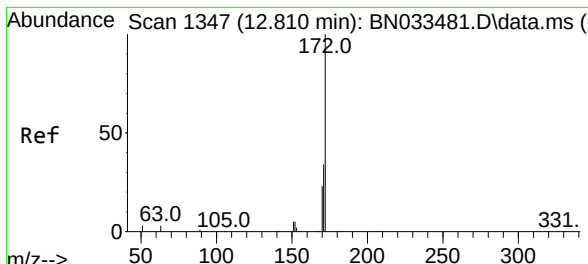


#14
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 15.688 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BN033518.D
Acq: 20 Aug 2024 22:29



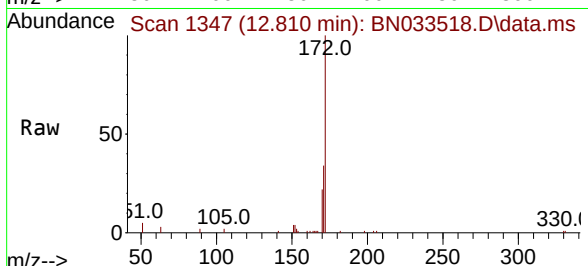
Tgt Ion:330 Resp: 1165
Ion Ratio Lower Upper
330 100
332 98.7 77.5 116.3
141 47.0 33.9 50.9





#15
 2-Fluorobiphenyl
 Concen: 0.377 ng
 RT: 12.810 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN033518.D
 Acq: 20 Aug 2024 22:29

Instrument : BNA_N
 ClientSampleId : SP-100-20240816

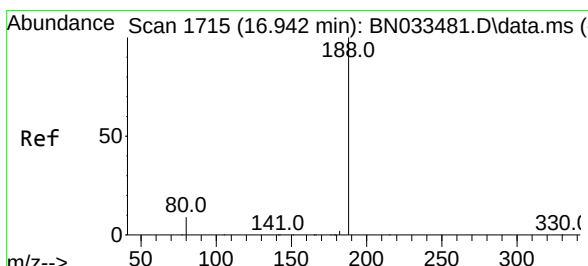
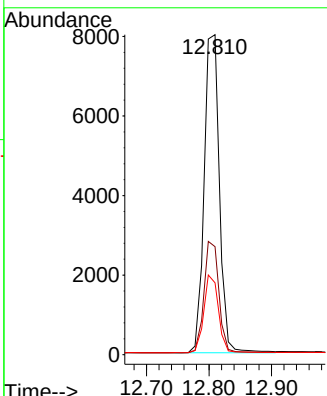
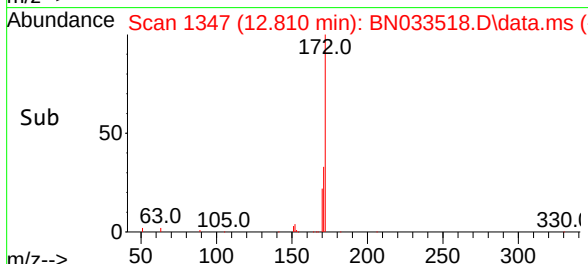


Tgt Ion: 172 Resp: 13572

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.7	41.5
170	22.5	18.3	27.5

Manual Integrations
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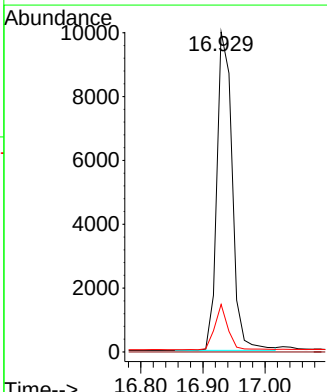
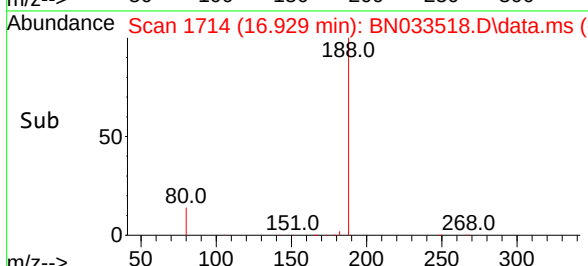
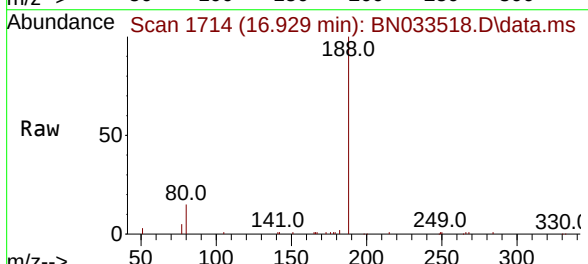
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 Supervised By : mohammad ahmed 08/22/2024

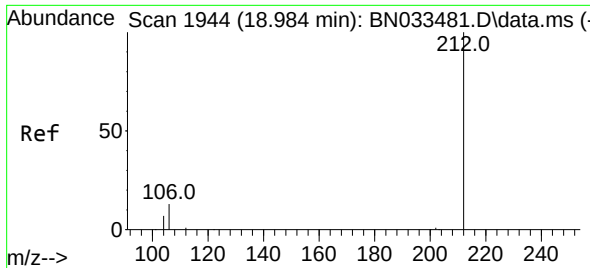


#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.929 min Scan# 1714
 Delta R.T. -0.012 min
 Lab File: BN033518.D
 Acq: 20 Aug 2024 22:29

Tgt Ion: 188 Resp: 16987

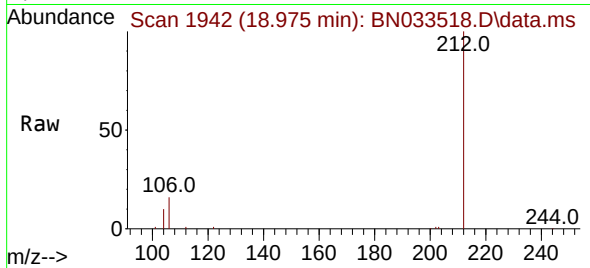
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.9	7.8	11.8





#27
Fluoranthene-d10
Concen: 0.400 ng
RT: 18.975 min Scan# 1942
Delta R.T. -0.009 min
Lab File: BN033518.D
Acq: 20 Aug 2024 22:29

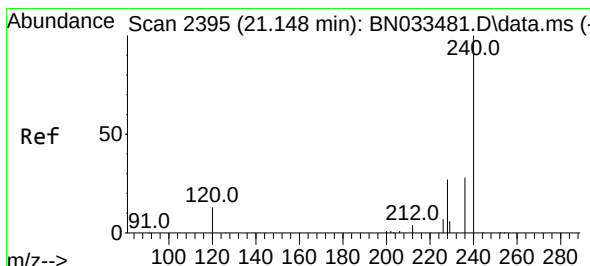
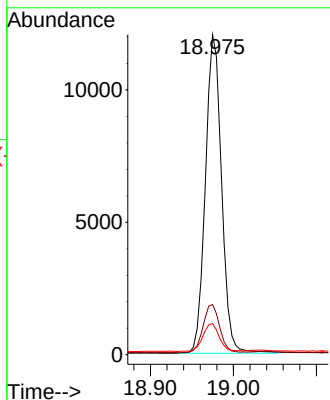
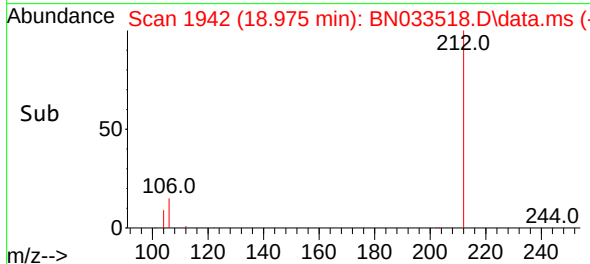
Instrument :
BNA_N
ClientSampleId :
SP-100-20240816



Tgt Ion:212 Resp: 16334
Ion Ratio Lower Upper
212 100
106 15.3 12.3 18.5
104 8.9 7.0 10.4

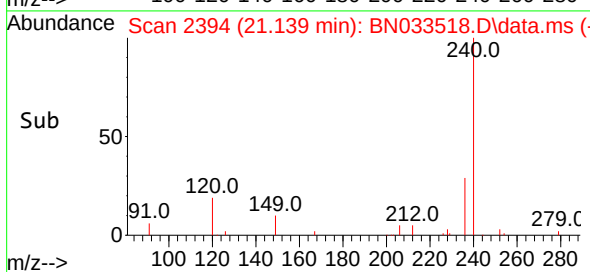
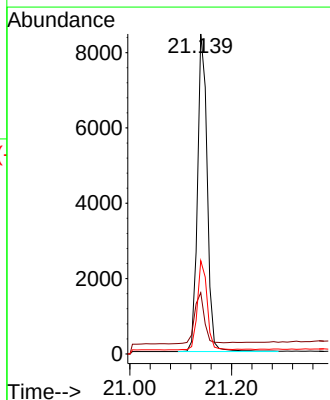
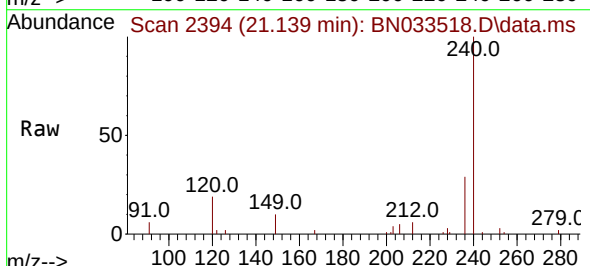
Manual Integrations
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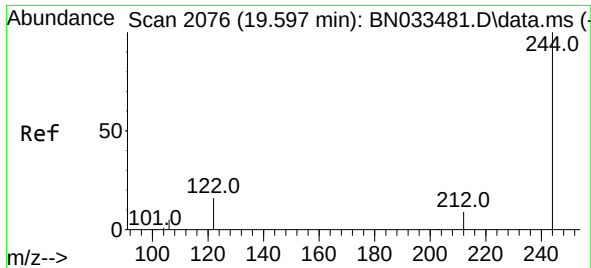
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2394
Delta R.T. -0.009 min
Lab File: BN033518.D
Acq: 20 Aug 2024 22:29

Tgt Ion:240 Resp: 11144
Ion Ratio Lower Upper
240 100
120 19.1 12.4 18.6#
236 29.1 23.0 34.6





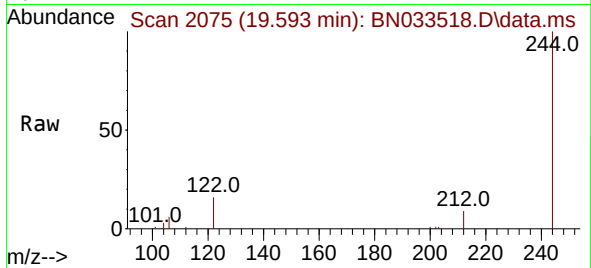
#31
Terphenyl-d14
Concen: 0.594 ng
RT: 19.593 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BN033518.D
Acq: 20 Aug 2024 22:29

Instrument :

BNA_N

ClientSampleId :

SP-100-20240816



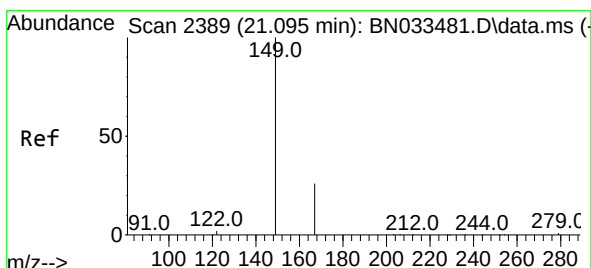
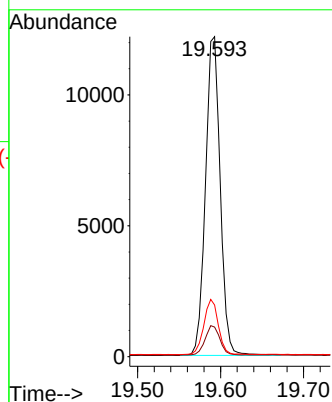
Tgt Ion:244 Resp: 15049
Ion Ratio Lower Upper
244 100
212 9.3 7.8 11.6
122 16.1 13.3 19.9

Manual Integrations

APPROVED

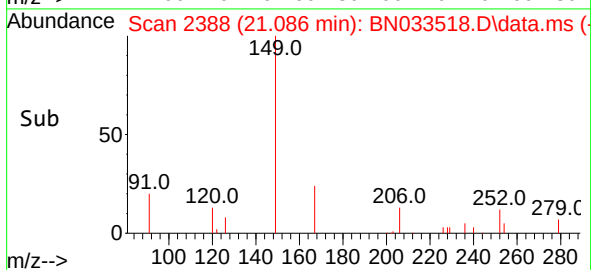
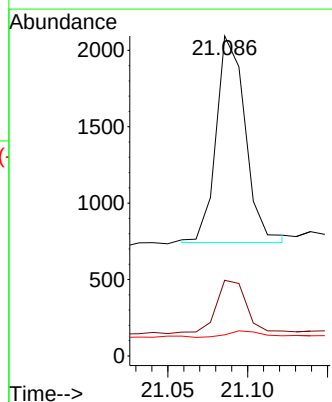
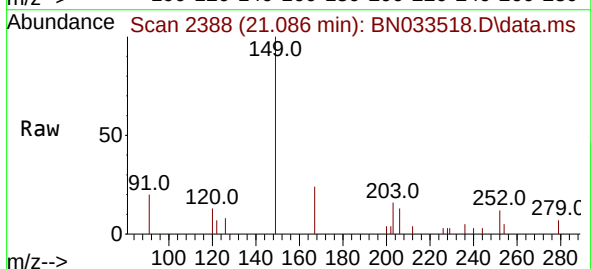
Reviewed By :Yogesh Patel 08/21/2024

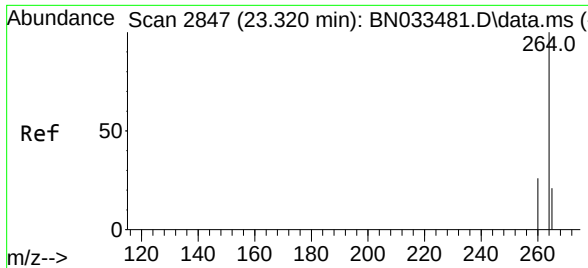
Supervised By :mohammad ahmed 08/22/2024



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.067 ng m
RT: 21.086 min Scan# 2388
Delta R.T. -0.009 min
Lab File: BN033518.D
Acq: 20 Aug 2024 22:29

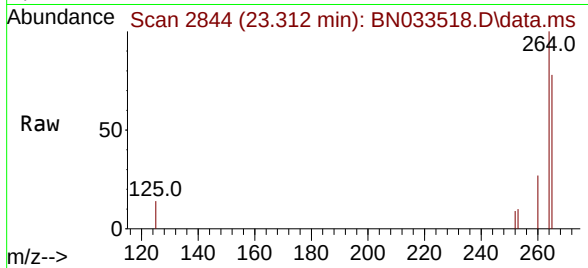
Tgt Ion:149 Resp: 1712
Ion Ratio Lower Upper
149 100
167 93.8 21.5 32.3#
279 3.7 2.2 3.2#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.312 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033518.D
Acq: 20 Aug 2024 22:29

Instrument :
BNA_N
ClientSampleId :
SP-100-20240816



Tgt Ion:264 Resp: 11324
Ion Ratio Lower Upper
264 100
260 26.7 20.8 31.2
265 77.6 52.2 78.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

