

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032572.D
 Acq On : 09 Jul 2024 04:53
 Operator : MA/JU
 Sample : P3167-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-810-812

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 09 05:36:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 02:39:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	5480	0.400	ng	0.00
7) Naphthalene-d8	10.357	136	18826	0.400	ng	-0.02
13) Acenaphthene-d10	14.231	164	12418	0.400	ng	0.00
19) Phenanthrene-d10	16.991	188	26244	0.400	ng	-0.01
29) Chrysene-d12	21.202	240	23331	0.400	ng	0.00
35) Perylene-d12	23.414	264	21600	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	3068	0.222	ng	0.00
5) Phenol-d6	6.823	99	3625	0.205	ng	0.00
8) Nitrobenzene-d5	8.787	82	3623	0.258	ng	-0.01
11) 2-Methylnaphthalene-d10	11.960	152	9255	0.311	ng	-0.02
14) 2,4,6-Tribromophenol	15.750	330	1480	0.263	ng	-0.01
15) 2-Fluorobiphenyl	12.852	172	13737	0.300	ng	-0.01
27) Fluoranthene-d10	19.031	212	16903	0.247	ng	-0.01
31) Terphenyl-d14	19.630	244	16119	0.283	ng	-0.02
Target Compounds						
9) Naphthalene	10.442	128	5419m	0.105	ng	Qvalue
25) Phenanthrene	17.041	178	2793	0.039	ng	96
34) Bis(2-ethylhexyl)phtha...	21.094	149	150015	2.861	ng	98

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

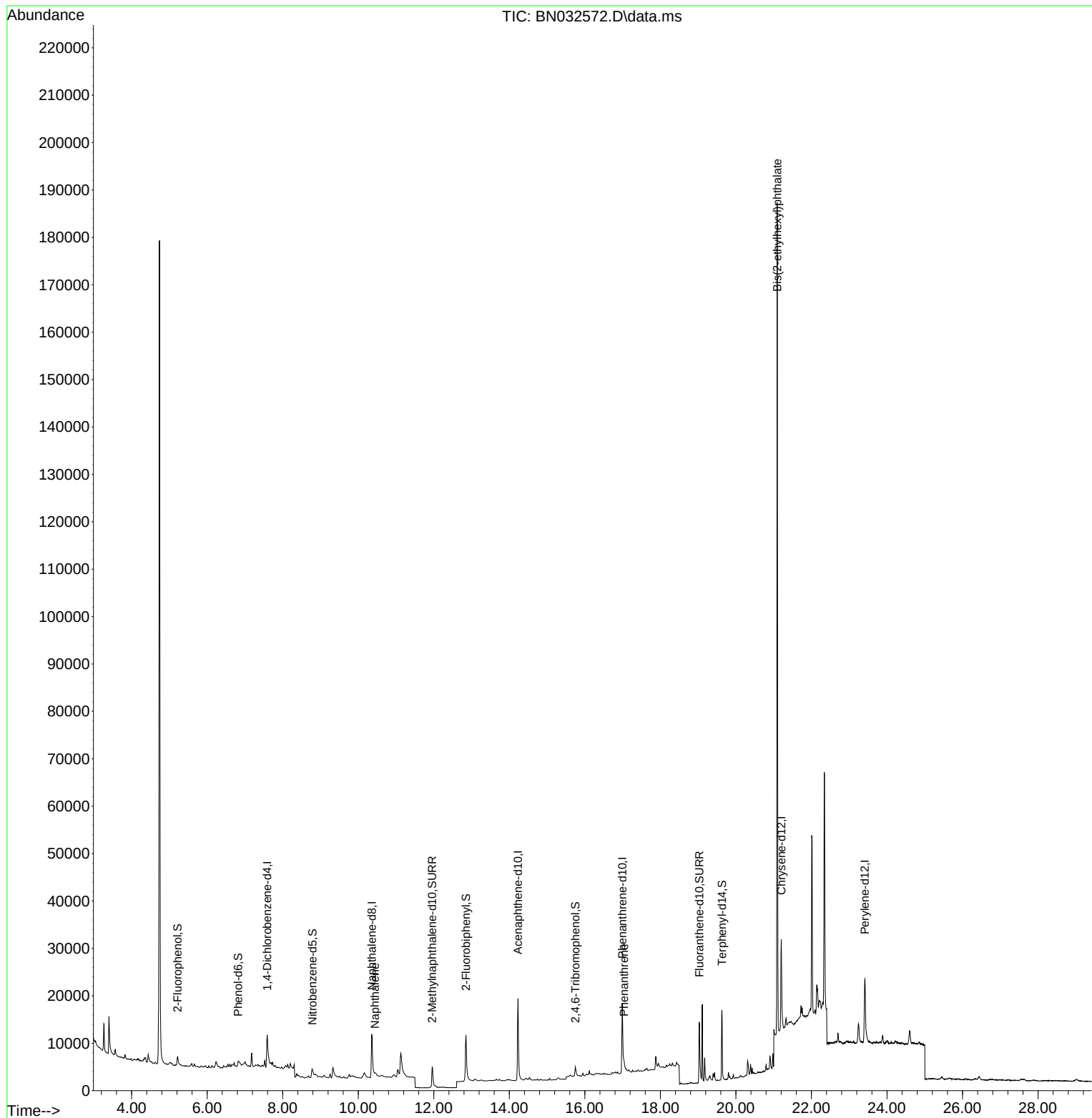
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032572.D
Acq On : 09 Jul 2024 04:53
Operator : MA/JU
Sample : P3167-03
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ALS Vial : 28 Sample Multiplier: 1

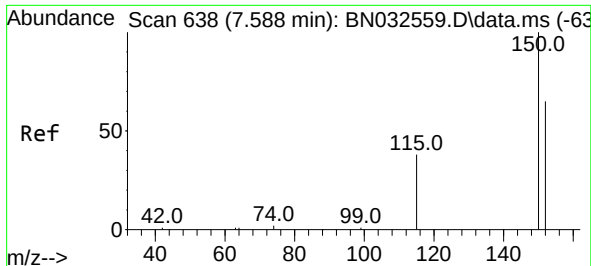
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-810-812

Manual Integrations
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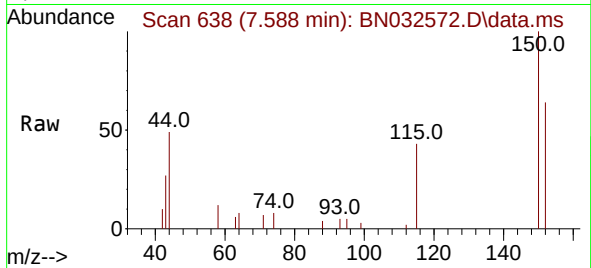
Quant Time: Jul 09 05:36:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 02:39:48 2024
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.588 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN032572.D
 Acq: 09 Jul 2024 04:53

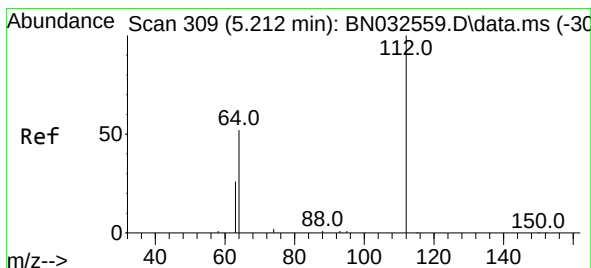
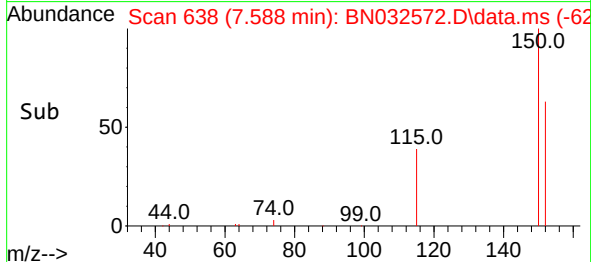
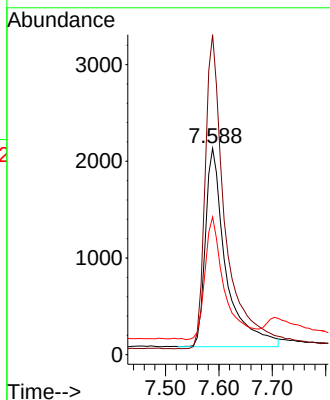
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-810-812



Tgt Ion:152 Resp: 5480
 Ion Ratio Lower Upper
 152 100
 150 155.1 121.6 182.4
 115 66.8 53.1 79.7

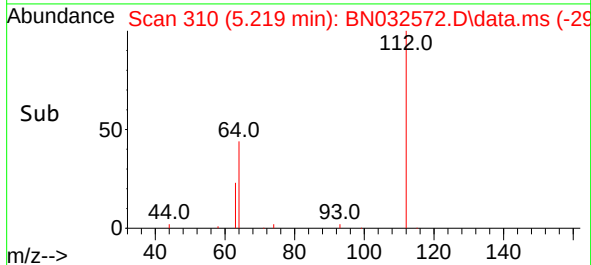
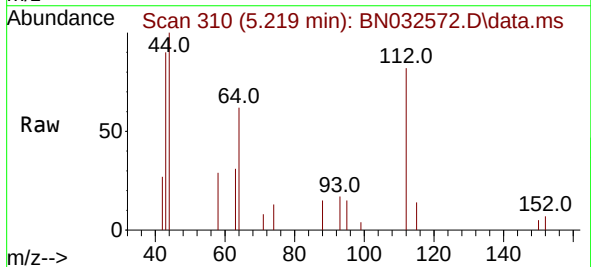
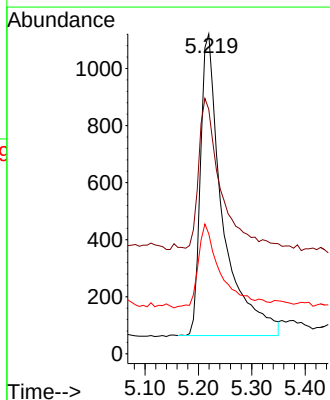
Manual Integrations
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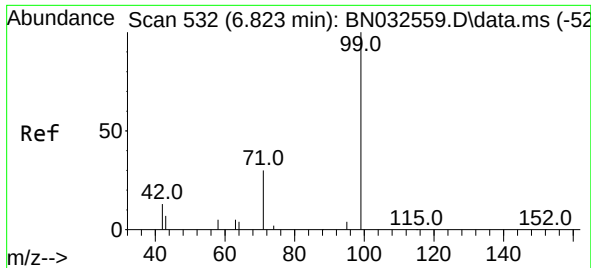
Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/11/2024



#4
 2-Fluorophenol
 Concen: 0.222 ng
 RT: 5.219 min Scan# 310
 Delta R.T. 0.007 min
 Lab File: BN032572.D
 Acq: 09 Jul 2024 04:53

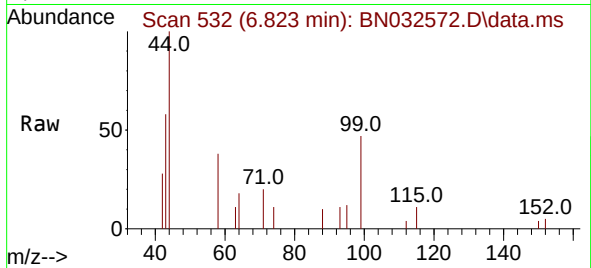
Tgt Ion:112 Resp: 3068
 Ion Ratio Lower Upper
 112 100
 64 48.9 41.2 61.8
 63 29.2 21.6 32.4





#5
Phenol-d6
Concen: 0.205 ng
RT: 6.823 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN032572.D
Acq: 09 Jul 2024 04:53

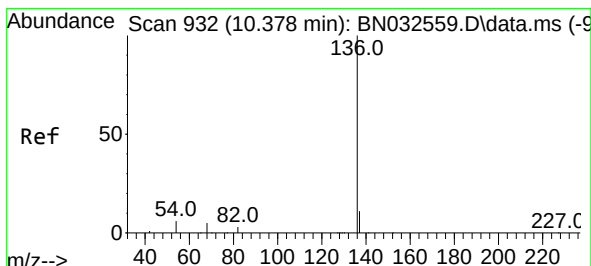
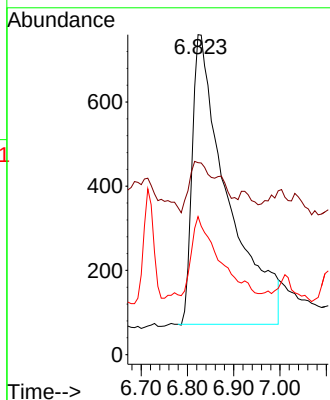
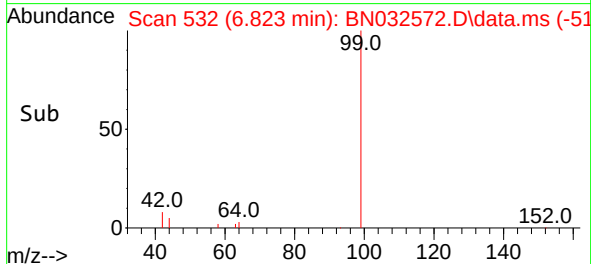
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-810-812



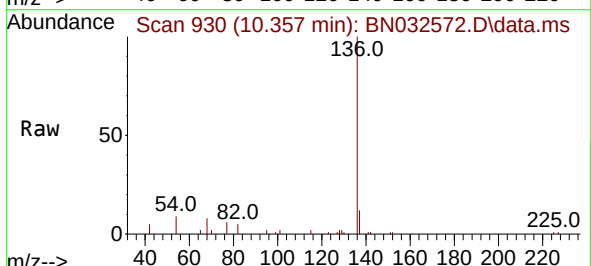
Tgt Ion: 99 Resp: 362
Ion Ratio Lower Upper
99 100
42 15.5 10.6 16.0
71 21.4 25.2 37.8

Manual Integrations
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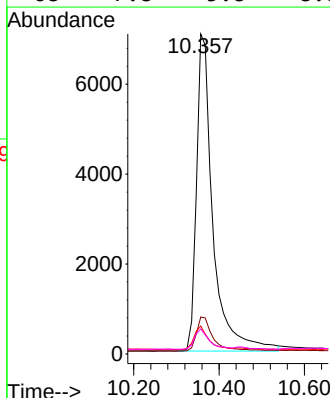
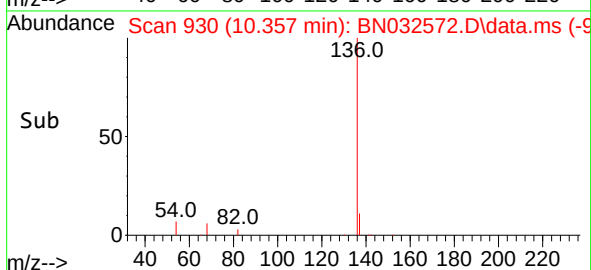
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/11/2024

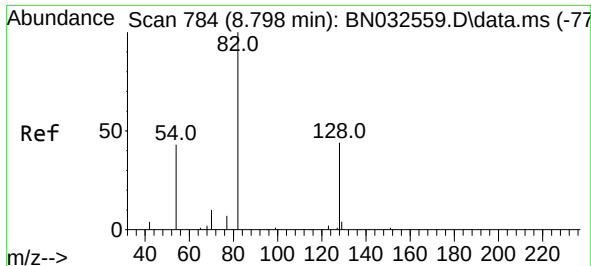


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.357 min Scan# 930
Delta R.T. -0.021 min
Lab File: BN032572.D
Acq: 09 Jul 2024 04:53



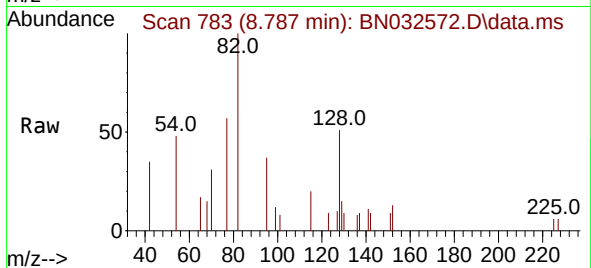
Tgt Ion:136 Resp: 18826
Ion Ratio Lower Upper
136 100
137 11.6 10.0 15.0
54 8.8 6.6 9.8
68 7.8 5.8 8.8





#8
Nitrobenzene-d5
Concen: 0.258 ng
RT: 8.787 min Scan# 783
Delta R.T. -0.011 min
Lab File: BN032572.D
Acq: 09 Jul 2024 04:53

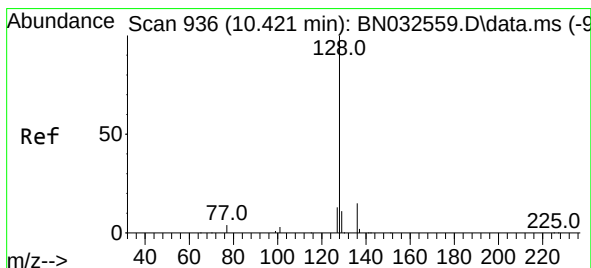
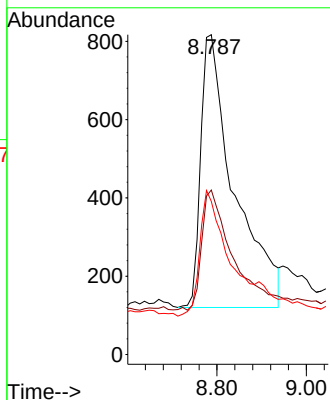
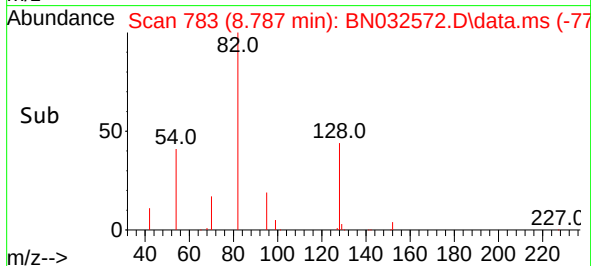
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-810-812



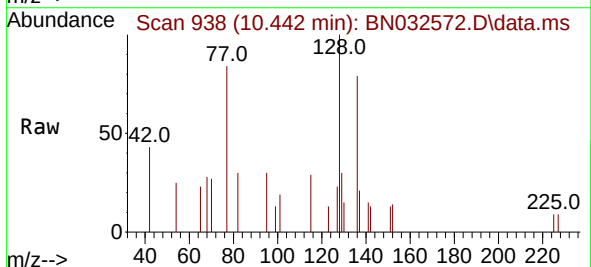
Tgt Ion: 82	Resp: 362
Ion Ratio	Lower Upper
82	100
128	51.4 43.4 65.2
54	47.9 40.2 60.2

Manual Integrations
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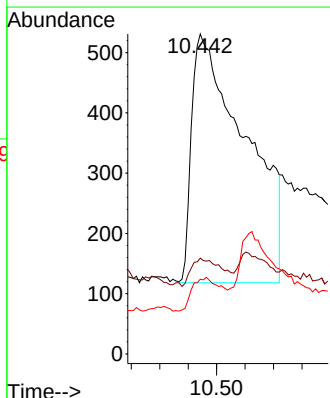
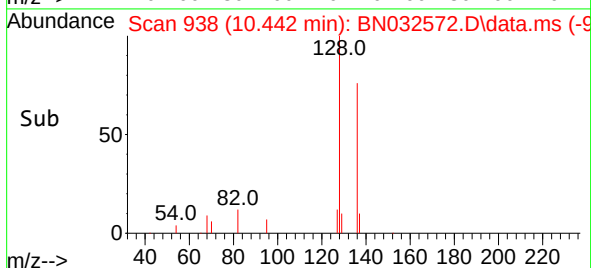
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/11/2024

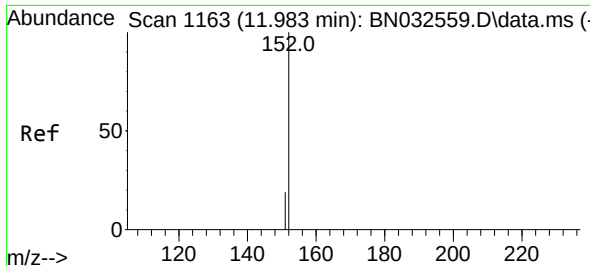


#9
Naphthalene
Concen: 0.105 ng m
RT: 10.442 min Scan# 938
Delta R.T. 0.021 min
Lab File: BN032572.D
Acq: 09 Jul 2024 04:53



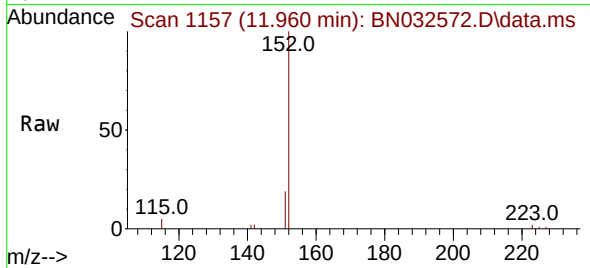
Tgt Ion: 128	Resp: 5419
Ion Ratio	Lower Upper
128	100
129	29.9 10.2 15.4#
127	23.4 11.4 17.0#





#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 11.960 min Scan# 1163
Delta R.T. -0.023 min
Lab File: BN032572.D
Acq: 09 Jul 2024 04:53

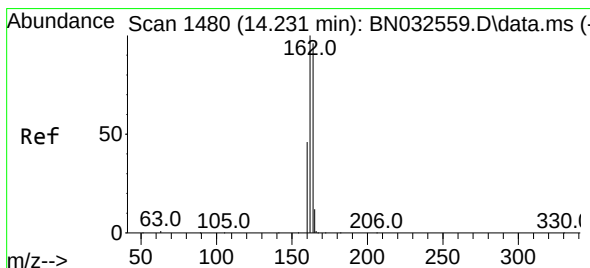
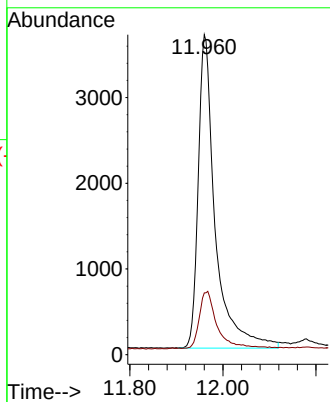
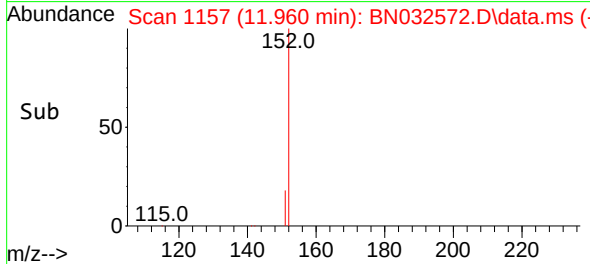
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-810-812



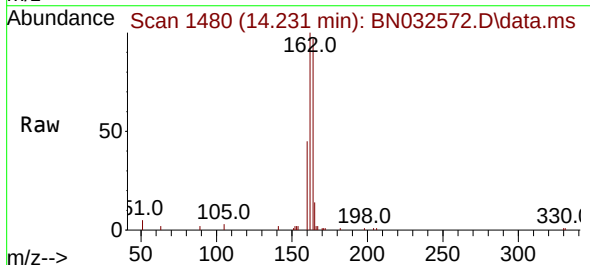
Tgt Ion:152 Resp: 925
Ion Ratio Lower Upper
152 100
151 18.9 16.4 24.6

Manual Integrations
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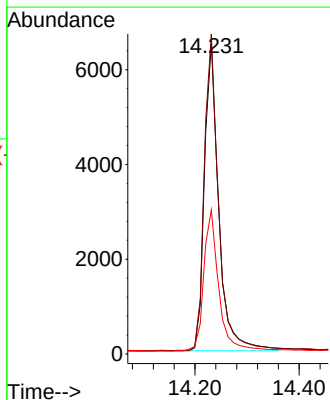
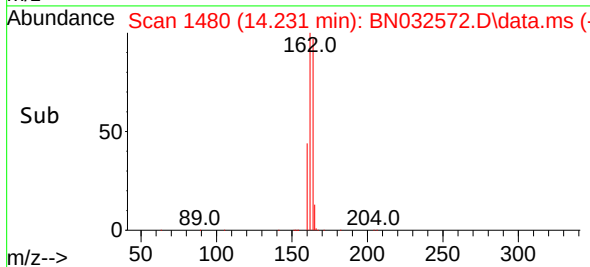
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/11/2024

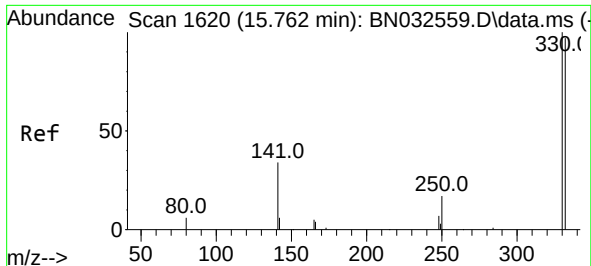


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.231 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BN032572.D
Acq: 09 Jul 2024 04:53



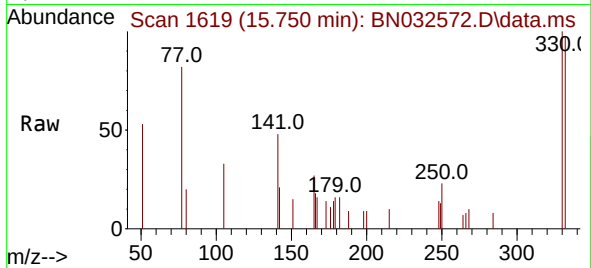
Tgt Ion:164 Resp: 12418
Ion Ratio Lower Upper
164 100
162 102.9 83.2 124.8
160 46.4 38.6 57.8





#14
2,4,6-Tribromophenol
Concen: 0.263 ng
RT: 15.750 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BN032572.D
Acq: 09 Jul 2024 04:53

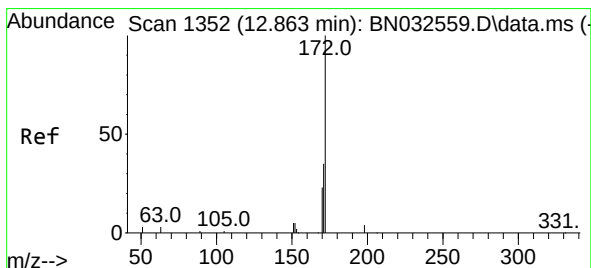
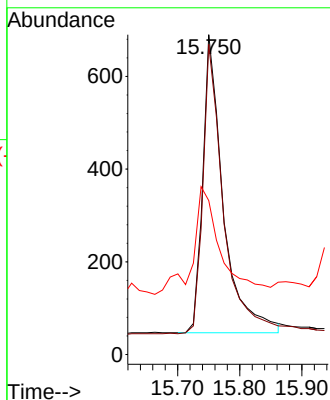
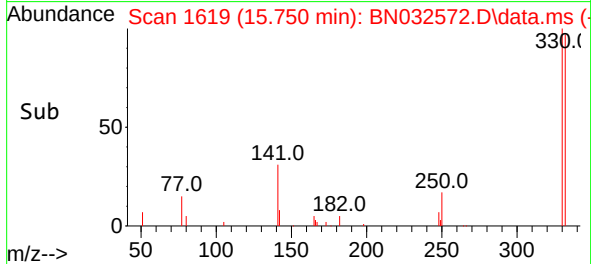
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-810-812



Tgt Ion:330 Resp: 1480
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 36.4 31.8 47.8

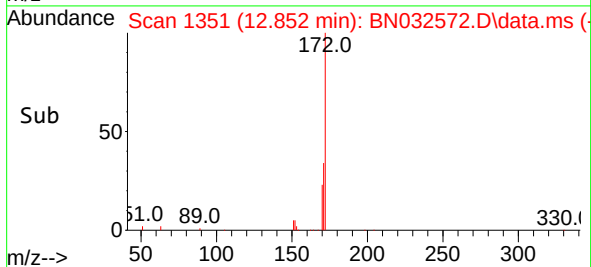
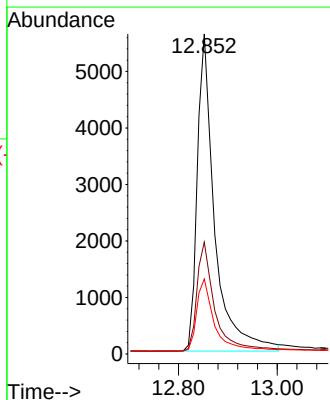
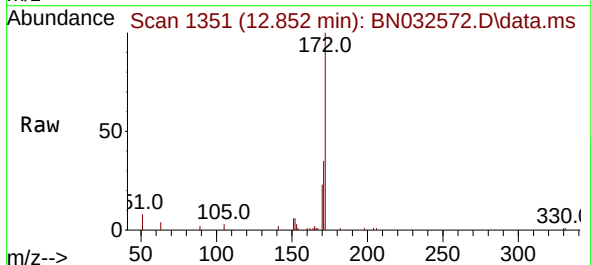
Manual Integrations
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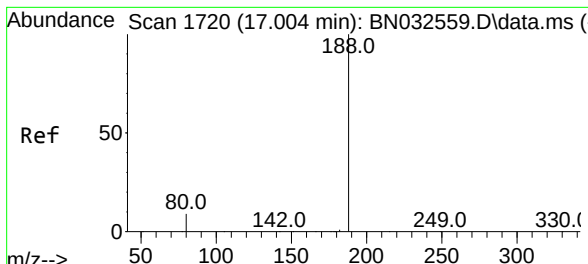
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/11/2024



#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 12.852 min Scan# 1351
Delta R.T. -0.011 min
Lab File: BN032572.D
Acq: 09 Jul 2024 04:53

Tgt Ion:172 Resp: 13737
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.4 19.2 28.8





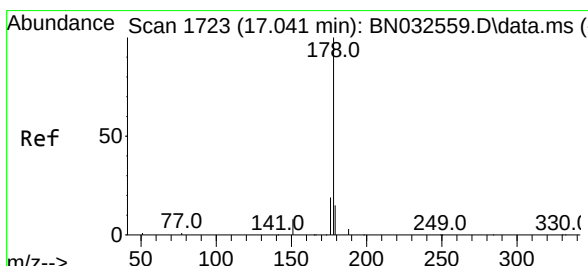
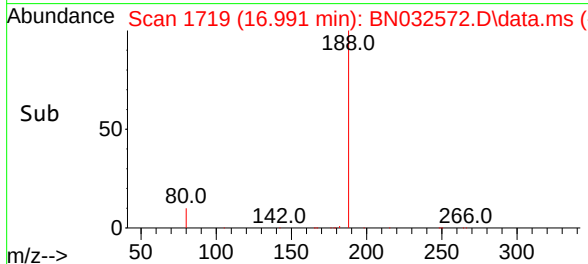
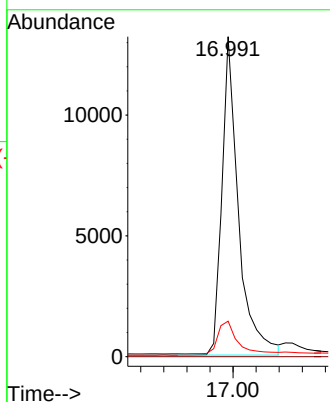
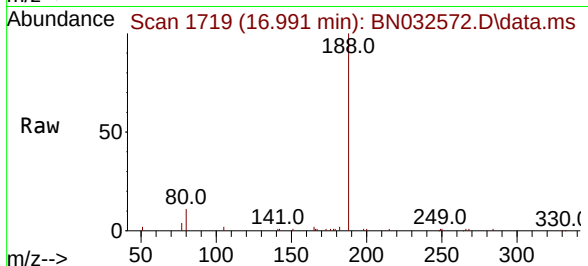
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.991 min Scan# 1719
Delta R.T. -0.012 min
Lab File: BN032572.D
Acq: 09 Jul 2024 04:53

Instrument : BNA_N
ClientSampleId : BP-VPB-196-GW-810-812

Tgt Ion:	188	Resp:	2624
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.1	7.8	11.6

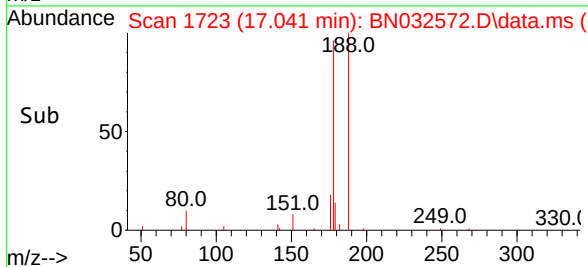
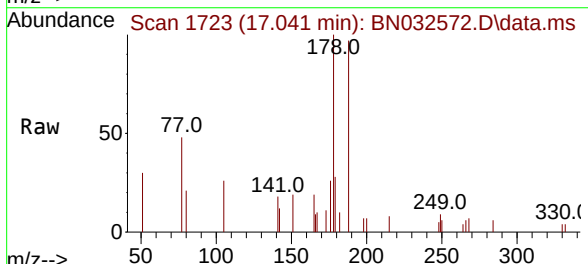
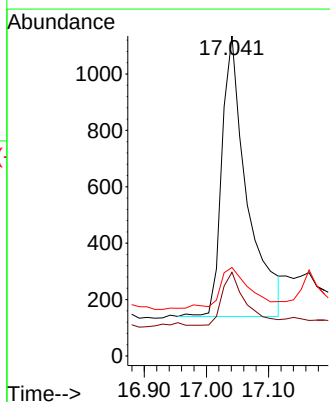
Manual Integrations
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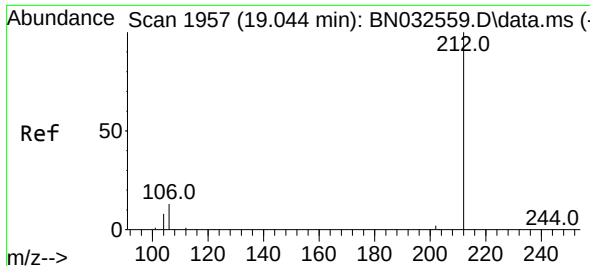
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/11/2024



#25
Phenanthrene
Concen: 0.039 ng
RT: 17.041 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BN032572.D
Acq: 09 Jul 2024 04:53

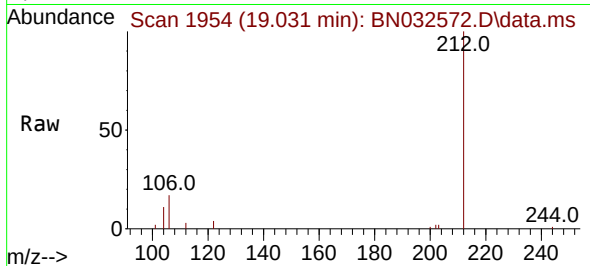
Tgt Ion:	178	Resp:	2793
Ion Ratio	Lower	Upper	
178	100		
176	17.9	15.2	22.8
179	17.5	12.2	18.4





#27
Fluoranthene-d10
Concen: 0.247 ng
RT: 19.031 min Scan# 1954
Delta R.T. -0.014 min
Lab File: BN032572.D
Acq: 09 Jul 2024 04:53

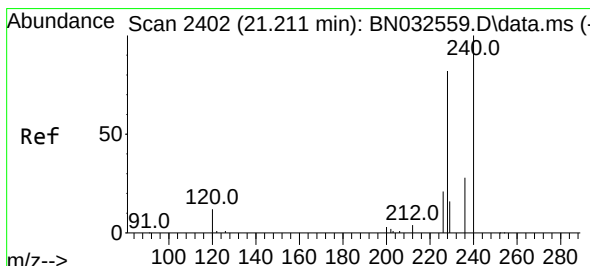
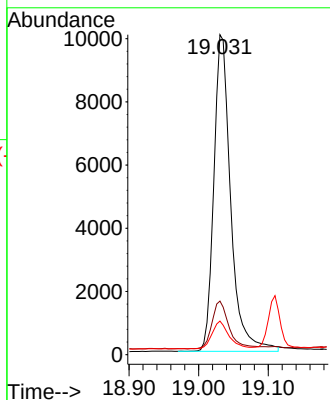
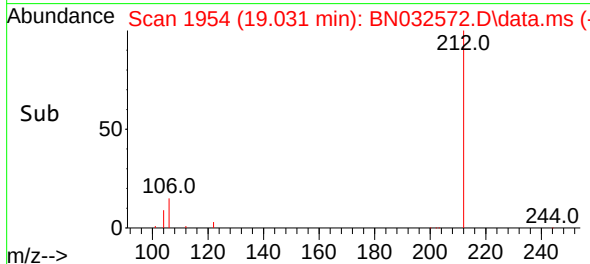
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-810-812



Tgt Ion:212 Resp: 1690
Ion Ratio Lower Upper
212 100
106 15.7 11.8 17.8
104 8.7 6.9 10.3

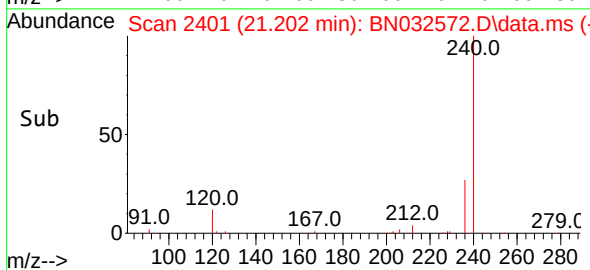
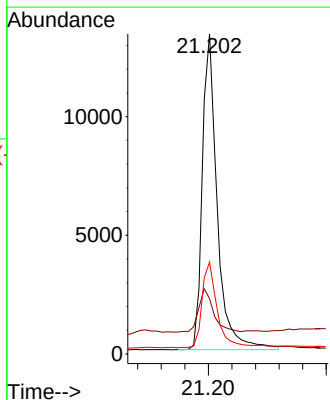
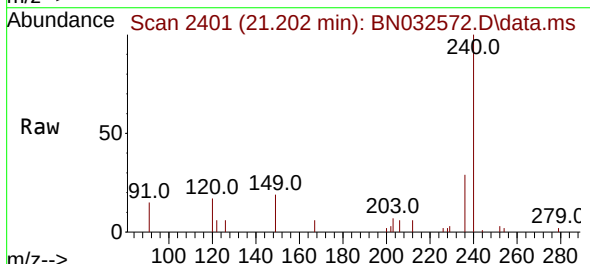
Manual Integrations
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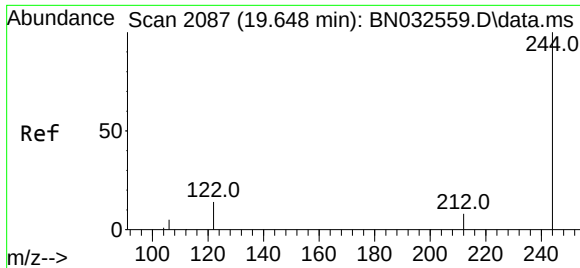
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/11/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.202 min Scan# 2401
Delta R.T. -0.009 min
Lab File: BN032572.D
Acq: 09 Jul 2024 04:53

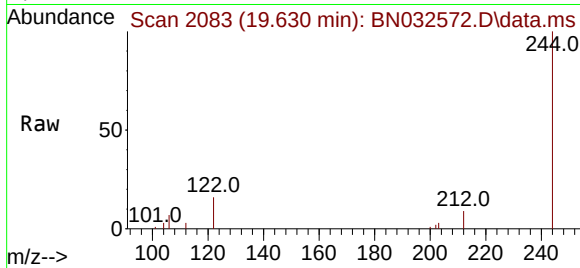
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Ion Ratio Lower Upper
240 100
120 17.3 13.0 19.4
236 28.7 23.1 34.7





#31
 Terphenyl-d14
 Concen: 0.283 ng
 RT: 19.630 min Scan# 2083
 Delta R.T. -0.019 min
 Lab File: BN032572.D
 Acq: 09 Jul 2024 04:53

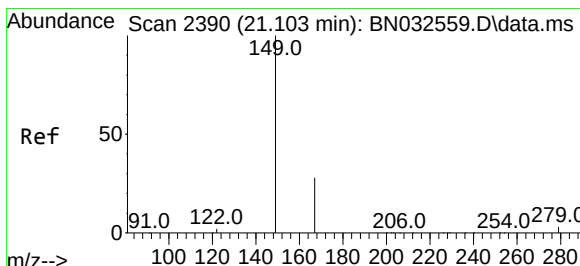
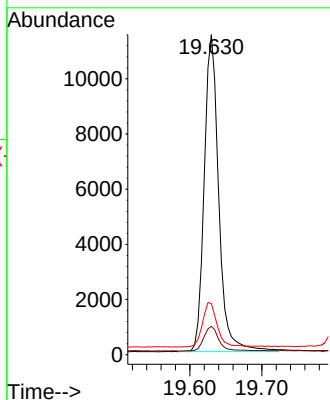
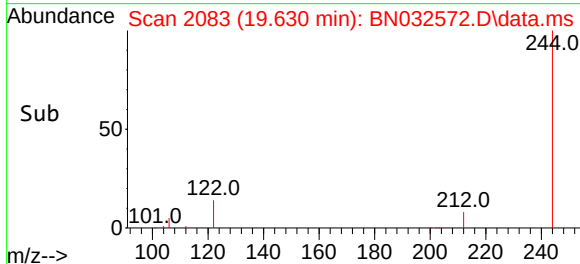
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-810-812



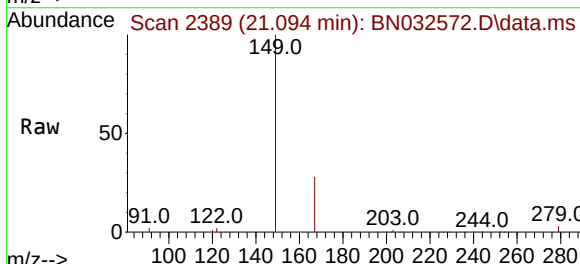
Tgt Ion:244 Resp: 16119
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.2 10.8
 122 16.0 12.1 18.1

Manual Integrations
 APPROVED

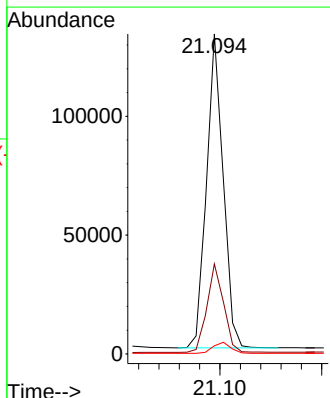
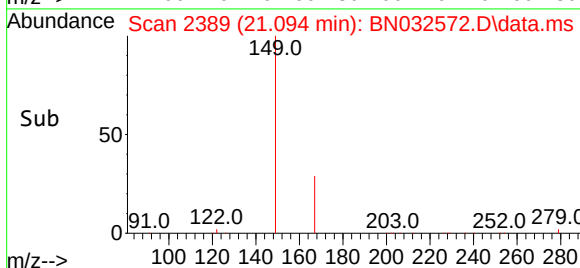
Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/11/2024

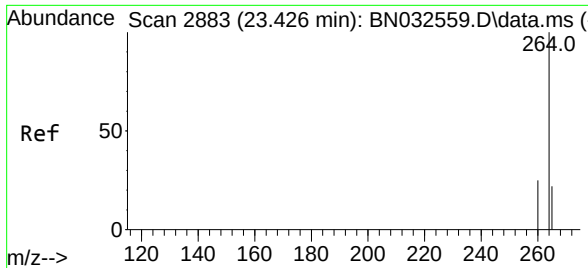


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 2.861 ng
 RT: 21.094 min Scan# 2389
 Delta R.T. -0.009 min
 Lab File: BN032572.D
 Acq: 09 Jul 2024 04:53



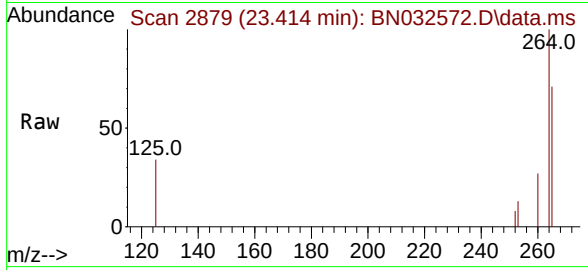
Tgt Ion:149 Resp: 150015
 Ion Ratio Lower Upper
 149 100
 167 28.4 21.6 32.4
 279 3.7 3.0 4.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.414 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN032572.D
 Acq: 09 Jul 2024 04:53

Instrument : BNA_N
 ClientSampleId : BP-VPB-196-GW-810-812



Tgt Ion:	264	Resp:	21600
Ion Ratio	Lower	Upper	
264	100		
260	26.6	21.0	31.6
265	71.1	76.6	115.0

Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/11/2024

