

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071524\
 Data File : BN032728.D
 Acq On : 15 Jul 2024 17:21
 Operator : MA/JU
 Sample : P3229-02RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB189-HYD-20240710RE

Quant Time: Jul 15 18:31:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 23:45:48 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/16/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	3597	0.400	ng	0.00
7) Naphthalene-d8	10.346	136	10541	0.400	ng	#-0.01
13) Acenaphthene-d10	14.210	164	6333	0.400	ng	0.00
19) Phenanthrene-d10	16.979	188	11641	0.400	ng	0.00
29) Chrysene-d12	21.184	240	10902	0.400	ng	# 0.00
35) Perylene-d12	23.385	264	12021	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	982	0.108	ng	0.00
5) Phenol-d6	6.772	99	21	0.002	ng	-0.02
8) Nitrobenzene-d5	8.809	82	2455	0.309	ng	0.03
11) 2-Methylnaphthalene-d10	11.953	152	203m	0.013	ng	-0.01
14) 2,4,6-Tribromophenol	15.750	330	801	0.296	ng	0.01
15) 2-Fluorobiphenyl	12.831	172	8597	0.365	ng	-0.02
27) Fluoranthene-d10	19.012	212	10688	0.355	ng	0.00
31) Terphenyl-d14	19.611	244	10692	0.478	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.132	88	4292	0.963	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.077	149	846	0.044	ng	# 96

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

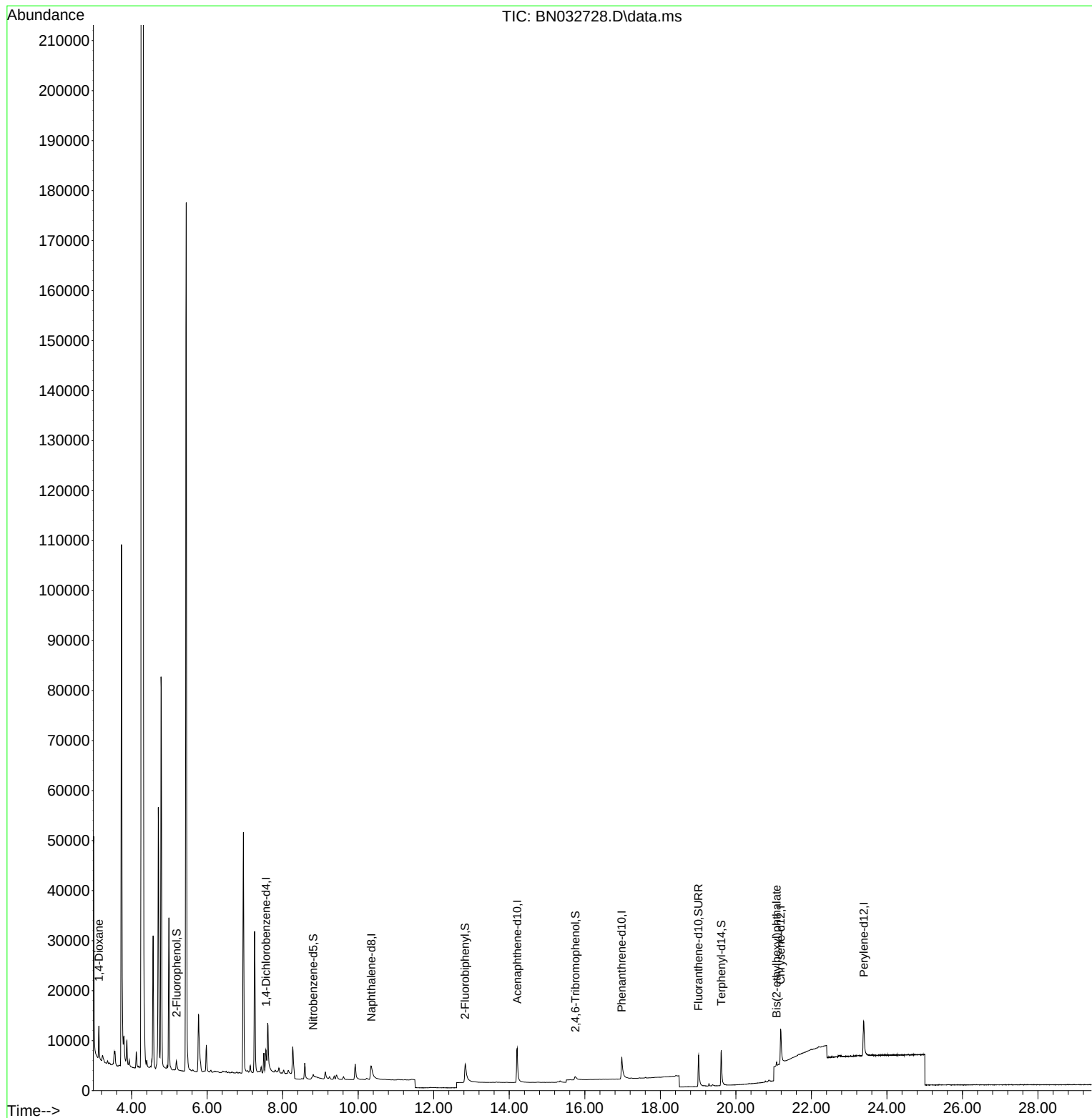
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071524\
Data File : BN032728.D
Acq On : 15 Jul 2024 17:21
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ALS Vial : 13 Sample Multiplier: 1

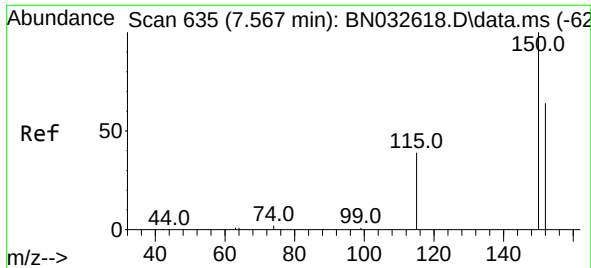
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240710RE

Quant Time: Jul 15 18:31:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 23:45:48 2024
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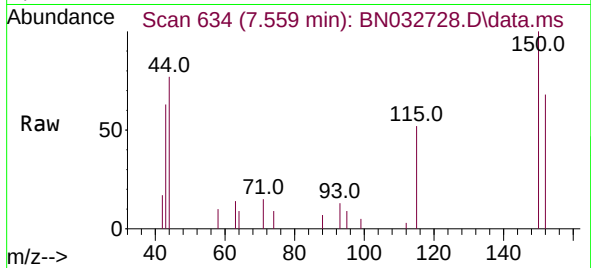
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.559 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN032728.D
Acq: 15 Jul 2024 17:21

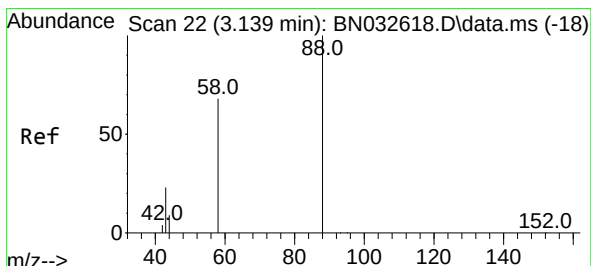
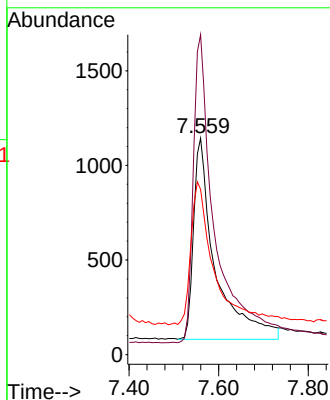
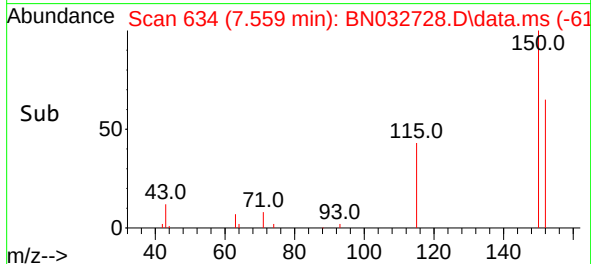
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240710RE



Tgt Ion:152 Resp: 359
Ion Ratio Lower Upper
152 100
150 147.8 123.8 185.6
115 76.3 52.8 79.2

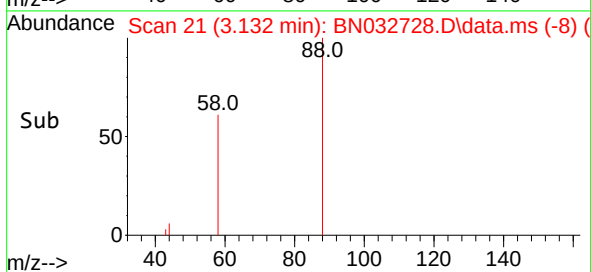
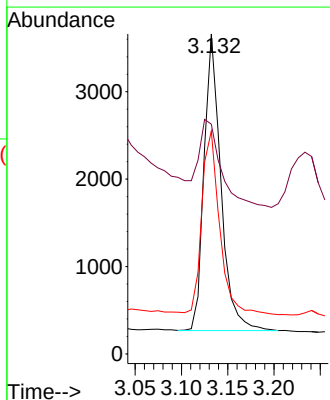
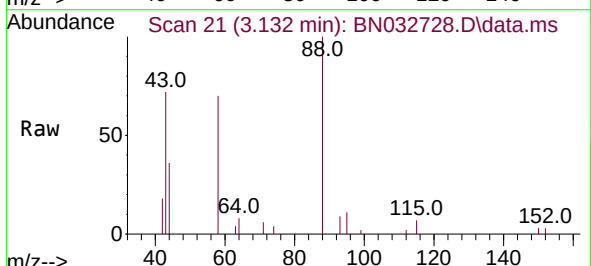
Manual Integrations
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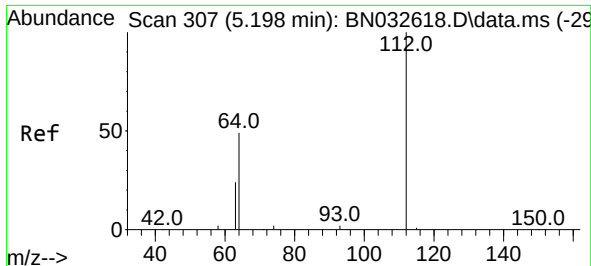
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#2
1,4-Dioxane
Concen: 0.963 ng
RT: 3.132 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN032728.D
Acq: 15 Jul 2024 17:21

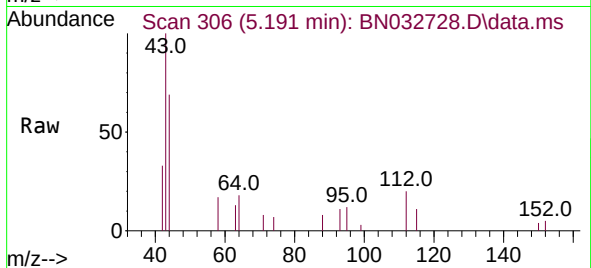
Tgt Ion: 88 Resp: 4292
Ion Ratio Lower Upper
88 100
43 38.5 18.4 27.6#
58 65.5 49.2 73.8





#4
2-Fluorophenol
Concen: 0.108 ng
RT: 5.191 min Scan# 307
Delta R.T. -0.007 min
Lab File: BN032728.D
Acq: 15 Jul 2024 17:21

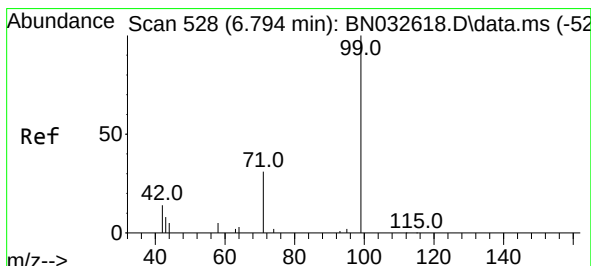
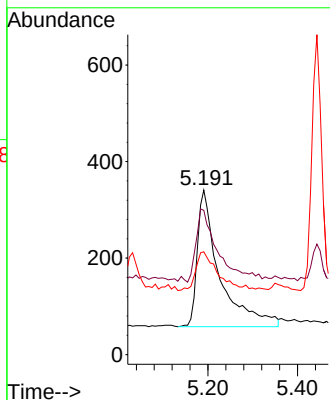
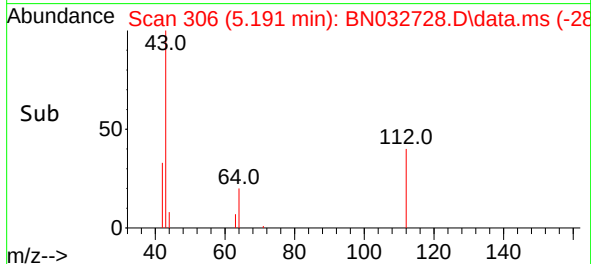
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240710RE



Tgt Ion:112 Resp: 98
Ion Ratio Lower Upper
112 100
64 54.0 40.2 60.4
63 26.8 22.2 33.4

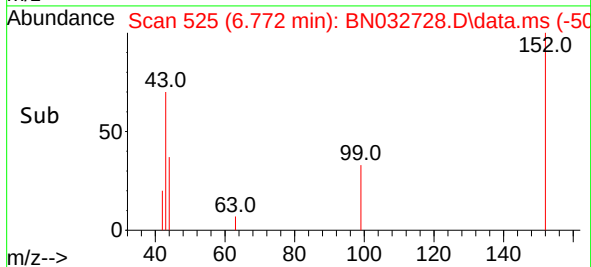
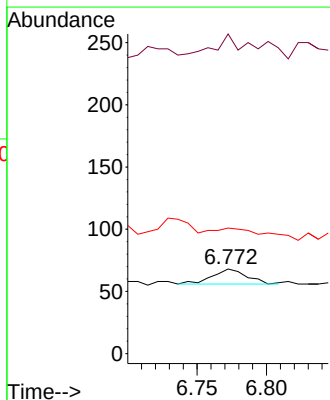
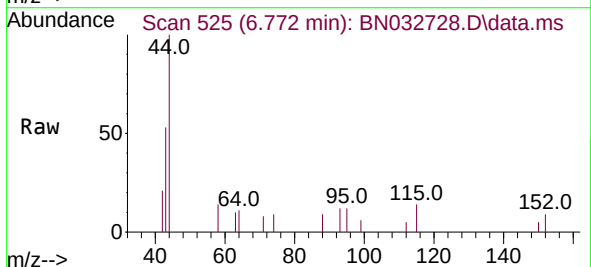
Manual Integrations
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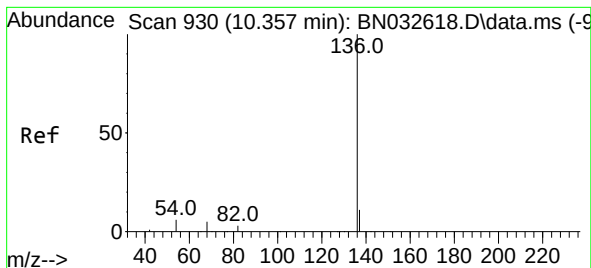
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#5
Phenol-d6
Concen: 0.002 ng
RT: 6.772 min Scan# 525
Delta R.T. -0.022 min
Lab File: BN032728.D
Acq: 15 Jul 2024 17:21

Tgt Ion: 99 Resp: 21
Ion Ratio Lower Upper
99 100
42 0.0 10.5 15.7#
71 0.0 22.3 33.5#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.346 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN032728.D

Acq: 15 Jul 2024 17:21

Instrument :

BNA_N

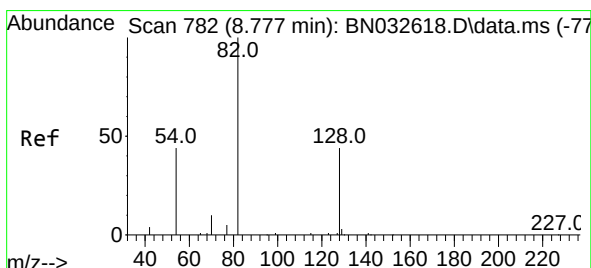
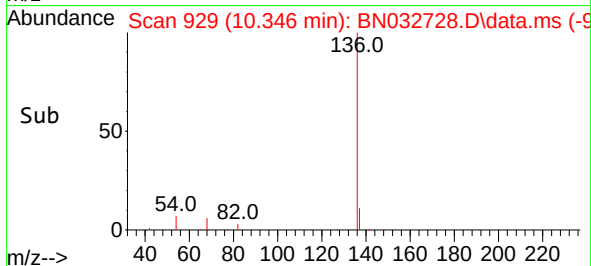
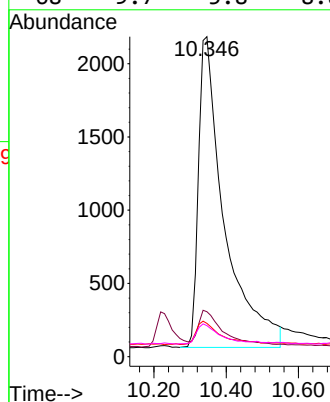
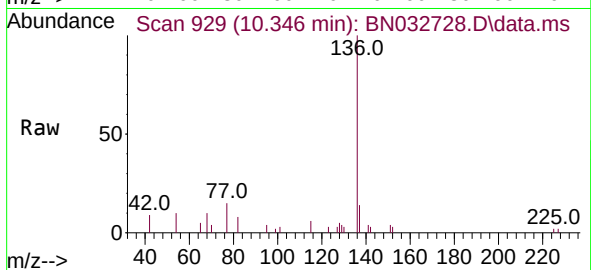
ClientSampleId :

VPB189-HYD-20240710RE

Tgt Ion:	136	Resp:	1054
Ion Ratio	Lower	Upper	
136	100		
137	14.1	9.9	14.9
54	10.4	6.5	9.7
68	9.7	5.8	8.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#8

Nitrobenzene-d5

Concen: 0.309 ng

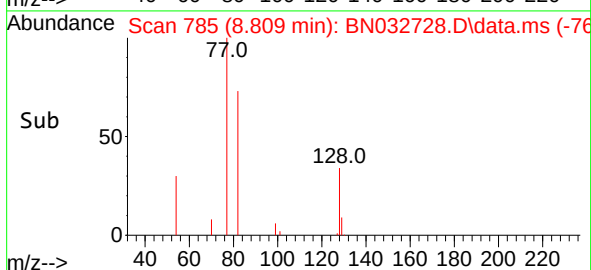
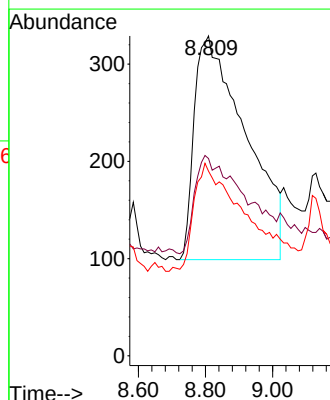
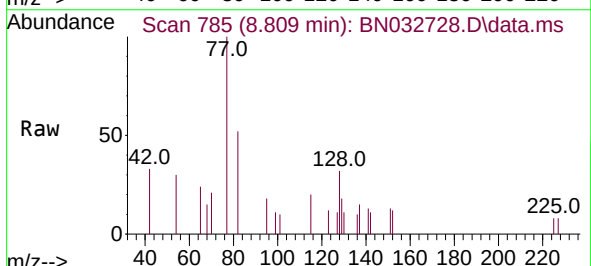
RT: 8.809 min Scan# 785

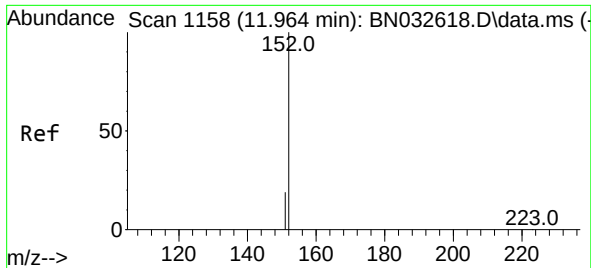
Delta R.T. 0.032 min

Lab File: BN032728.D

Acq: 15 Jul 2024 17:21

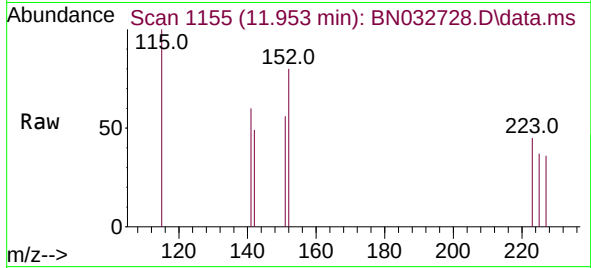
Tgt Ion:	82	Resp:	2455
Ion Ratio	Lower	Upper	
82	100		
128	61.7	41.7	62.5
54	57.8	39.5	59.3





#11
2-Methylnaphthalene-d10
Concen: 0.013 ng m
RT: 11.953 min Scan# 1155
Delta R.T. -0.011 min
Lab File: BN032728.D
Acq: 15 Jul 2024 17:21

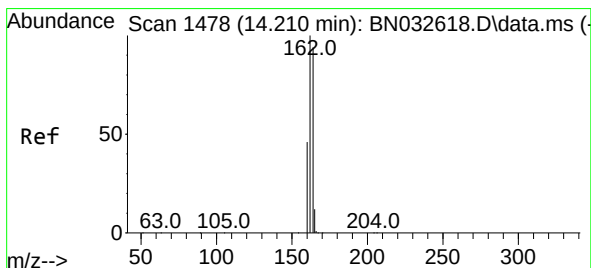
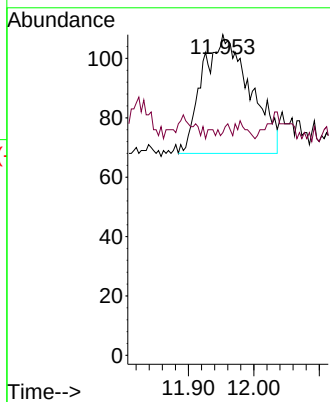
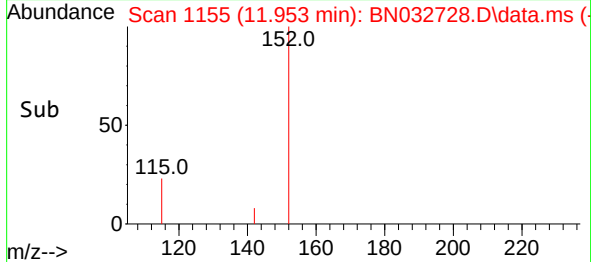
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240710RE



Tgt Ion:152 Resp: 20
Ion Ratio Lower Upper
152 100
151 1.0 16.2 24.2

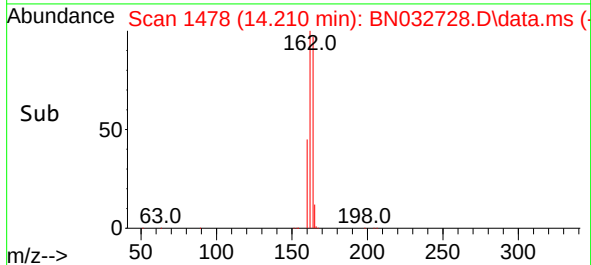
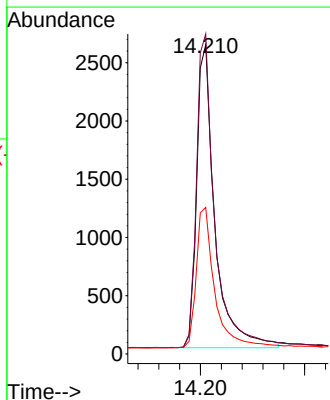
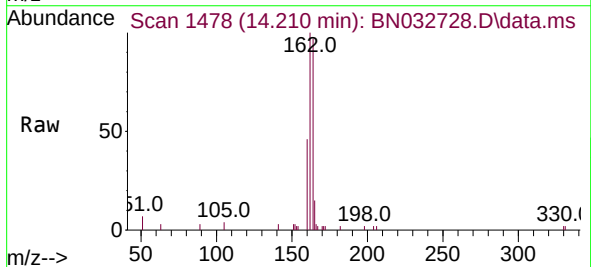
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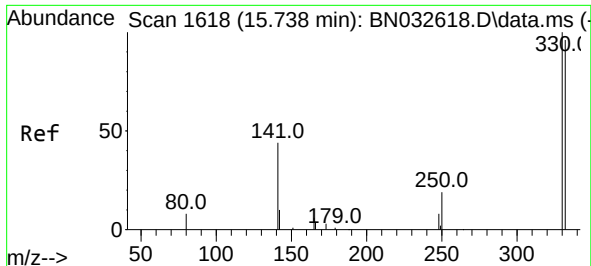
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.210 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN032728.D
Acq: 15 Jul 2024 17:21

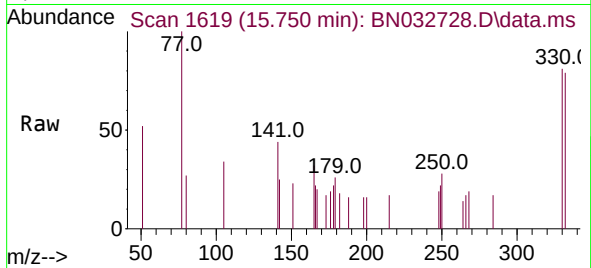
Tgt Ion:164 Resp: 6333
Ion Ratio Lower Upper
164 100
162 103.5 85.0 127.4
160 47.4 39.4 59.2





#14
2,4,6-Tribromophenol
Concen: 0.296 ng
RT: 15.750 min Scan# 1618
Delta R.T. 0.012 min
Lab File: BN032728.D
Acq: 15 Jul 2024 17:21

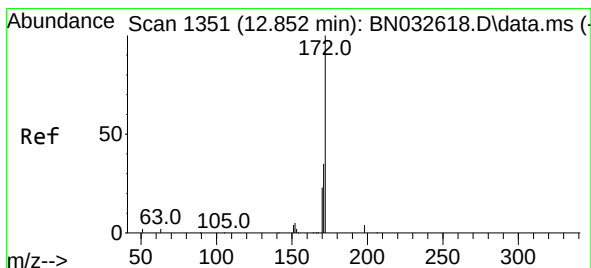
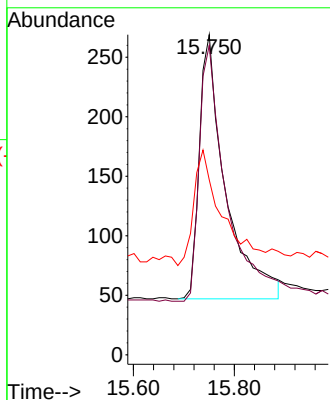
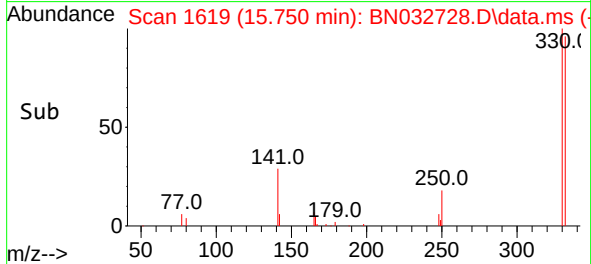
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240710RE



Tgt Ion:330 Resp: 801
Ion Ratio Lower Upper
330 100
332 100.4 77.8 116.8
141 47.8 34.2 51.2

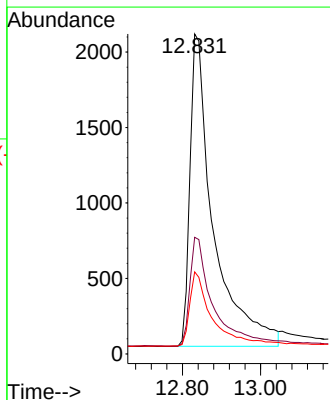
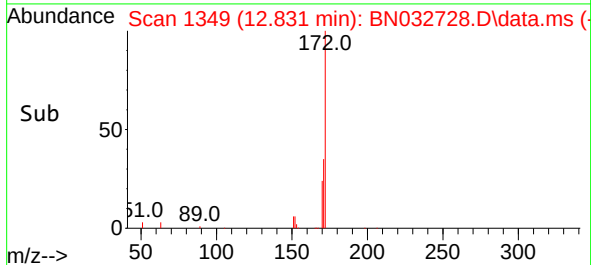
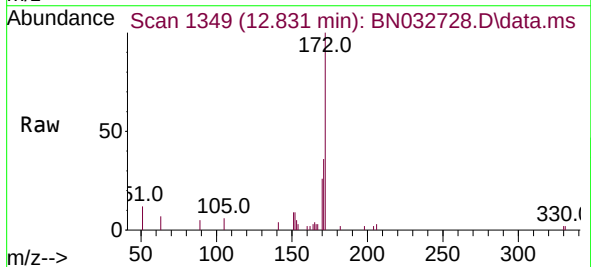
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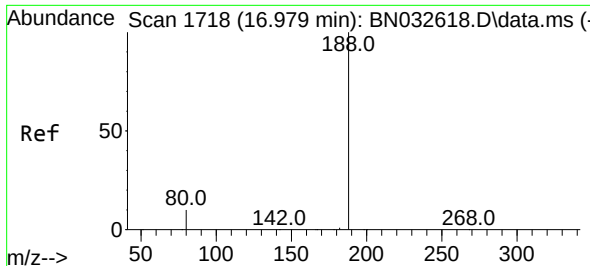
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.831 min Scan# 1349
Delta R.T. -0.021 min
Lab File: BN032728.D
Acq: 15 Jul 2024 17:21

Tgt Ion:172 Resp: 8597
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 25.6 19.0 28.6





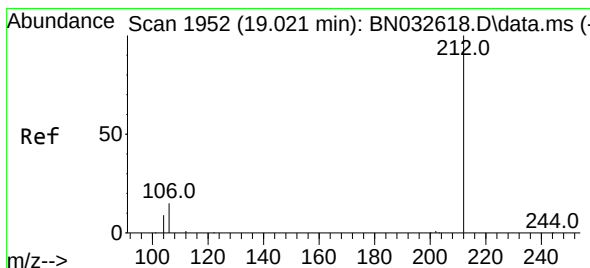
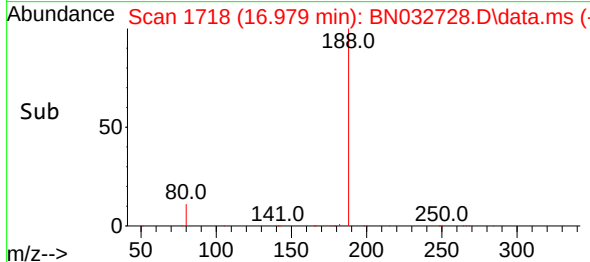
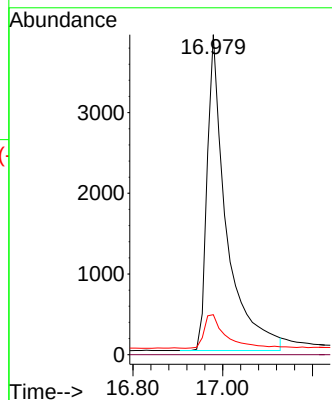
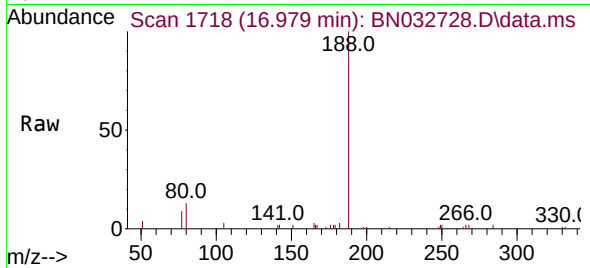
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.979 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN032728.D
Acq: 15 Jul 2024 17:21

Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240710RE

Tgt Ion:188 Resp: 1164
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 8.8 13.2

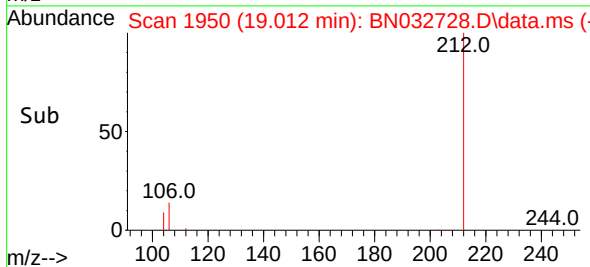
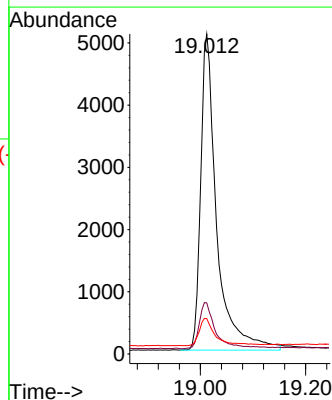
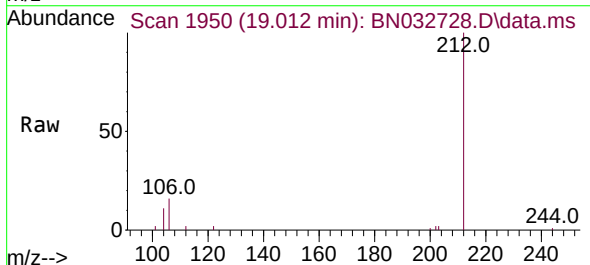
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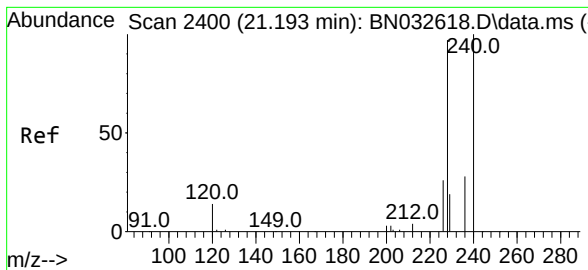
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#27
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.012 min Scan# 1950
Delta R.T. -0.009 min
Lab File: BN032728.D
Acq: 15 Jul 2024 17:21

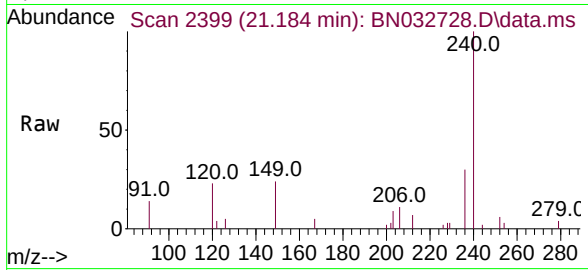
Tgt Ion:212 Resp: 10688
Ion Ratio Lower Upper
212 100
106 15.0 11.9 17.9
104 8.8 6.9 10.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.184 min Scan# 2109
Delta R.T. -0.009 min
Lab File: BN032728.D
Acq: 15 Jul 2024 17:21

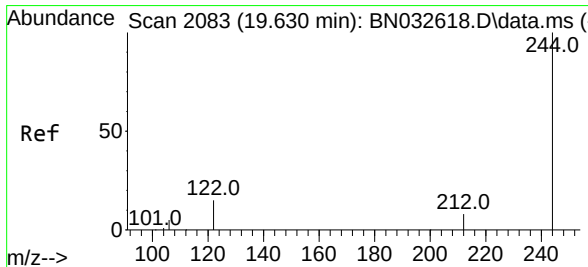
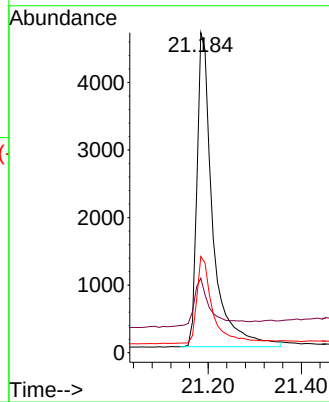
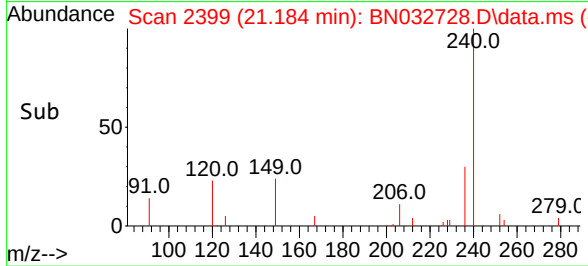
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240710RE



Tgt Ion:240 Resp: 10902
Ion Ratio Lower Upper
240 100
120 23.3 14.8 22.2
236 30.1 23.3 34.9

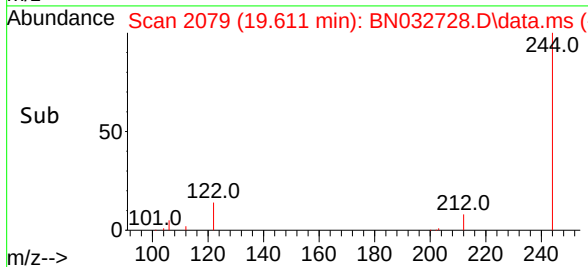
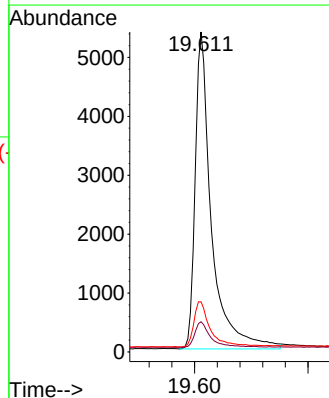
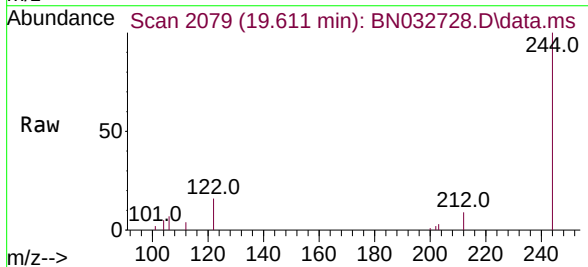
Manual Integrations
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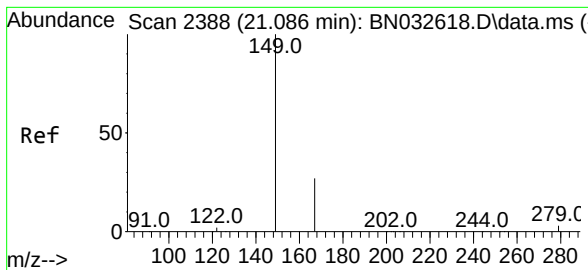
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#31
Terphenyl-d14
Concen: 0.478 ng
RT: 19.611 min Scan# 2079
Delta R.T. -0.018 min
Lab File: BN032728.D
Acq: 15 Jul 2024 17:21

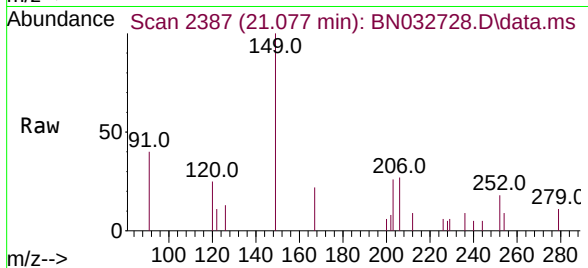
Tgt Ion:244 Resp: 10692
Ion Ratio Lower Upper
244 100
212 9.4 7.5 11.3
122 15.7 12.6 19.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.044 ng
RT: 21.077 min Scan# 21077
Delta R.T. -0.009 min
Lab File: BN032728.D
Acq: 15 Jul 2024 17:21

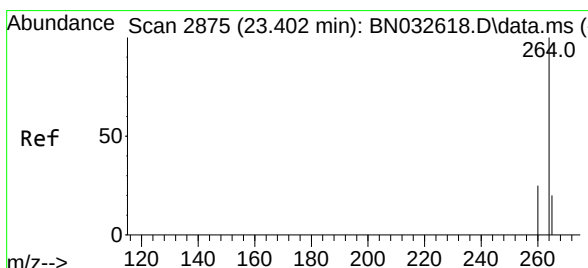
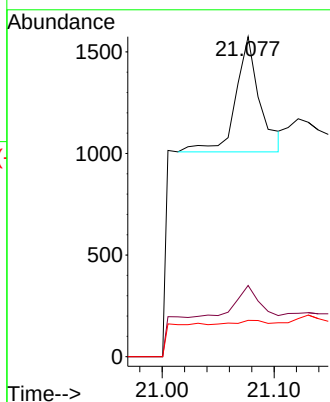
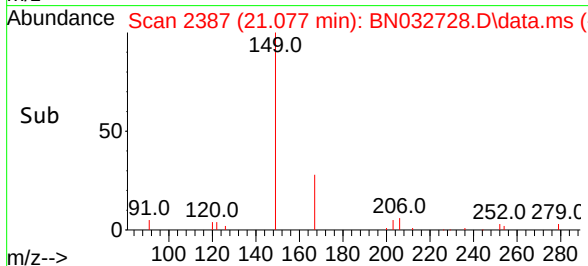
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240710RE



Tgt Ion:149 Resp: 840
Ion Ratio Lower Upper
149 100
167 24.9 21.4 32.2
279 0.0 2.8 4.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/16/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.385 min Scan# 2869
Delta R.T. -0.017 min
Lab File: BN032728.D
Acq: 15 Jul 2024 17:21

Tgt Ion:264 Resp: 12021
Ion Ratio Lower Upper
264 100
260 27.2 20.9 31.3
265 107.0 85.4 128.2

