

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091123\
 Data File : BN027567.D
 Acq On : 11 Sep 2023 08:36
 Operator : MA/JU
 Sample : 04251-04
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-07B-65-083023-3V

Quant Time: Sep 12 01:29:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 11 05:26:09 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	6251	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	20002	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	11556	0.400	ng	0.00
19) Phenanthrene-d10	17.418	188	25417m	0.400	ng	0.00
29) Chrysene-d12	21.596	240	16161	0.400	ng	# 0.00
35) Perylene-d12	24.098	264	13359	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.560	112	4538	0.278	ng	0.00
5) Phenol-d6	7.178	99	3317	0.167	ng	0.00
8) Nitrobenzene-d5	9.219	82	6700	0.460	ng	0.00
11) 2-Methylnaphthalene-d10	12.430	152	12466	0.424	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	2520	0.589	ng	0.00
15) 2-Fluorobiphenyl	13.293	172	21492	0.489	ng	0.00
27) Fluoranthene-d10	19.435	212	27374m	0.433	ng	0.00
31) Terphenyl-d14	20.020	244	24268	0.748	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.436	88	172231	22.570	ng	Qvalue 98
34) Bis(2-ethylhexyl)phtha...	21.444	149	1223	0.046	ng	94

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

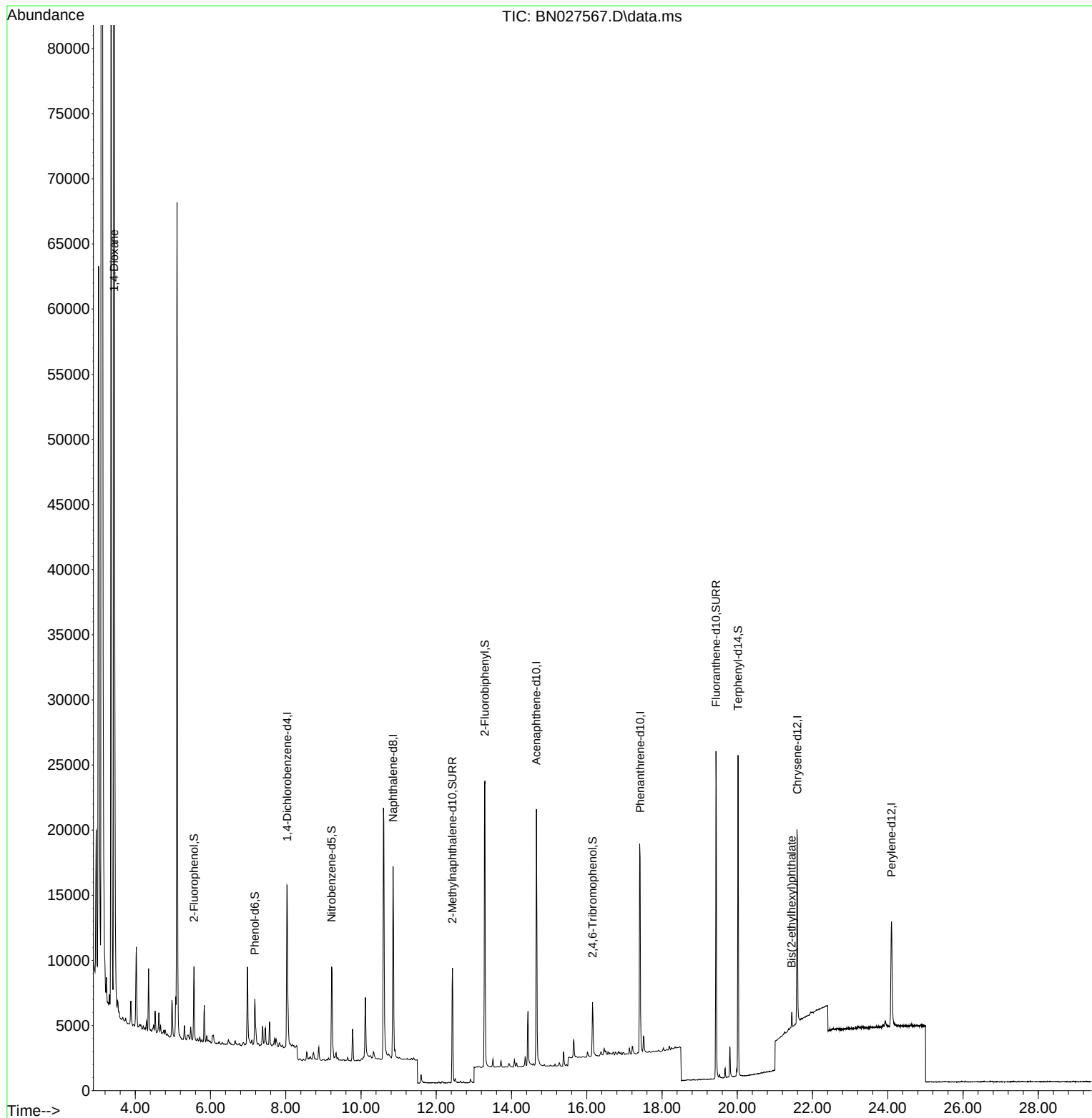
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091123\
Data File : BN027567.D
Acq On : 11 Sep 2023 08:36
Operator : MA/JU
Sample : 04251-04
Misc :
ALS Vial : 78 Sample Multiplier: 1

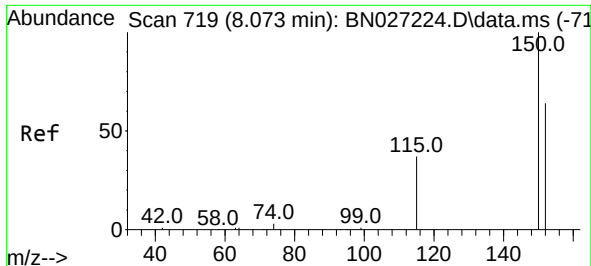
Instrument :
BNA_N
ClientSampleId :
OW-07B-65-083023-3V

Quant Time: Sep 12 01:29:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 11 05:26:09 2023
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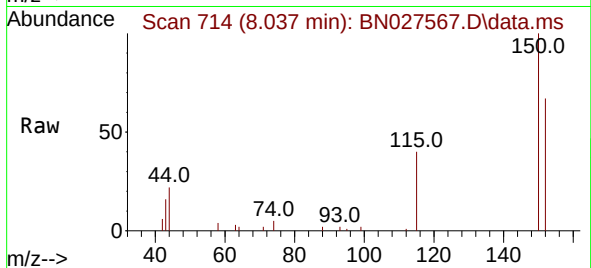
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.037 min Scan# 719
Delta R.T. 0.000 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

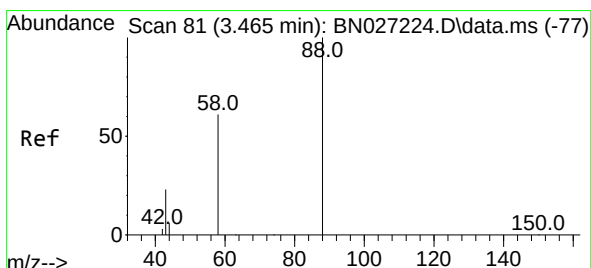
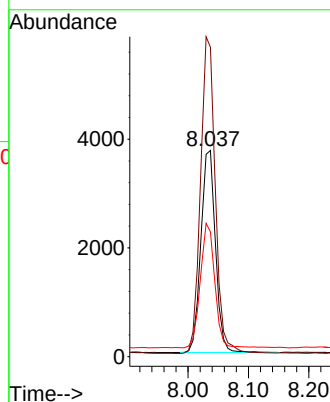
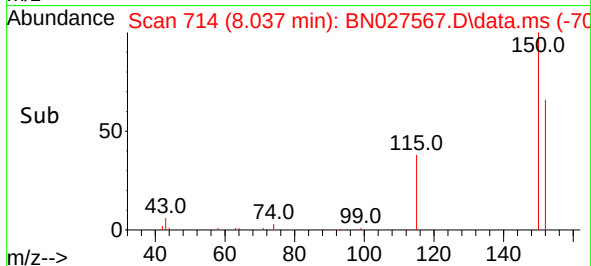
Instrument :
BNA_N
ClientSampleId :
OW-07B-65-083023-3V



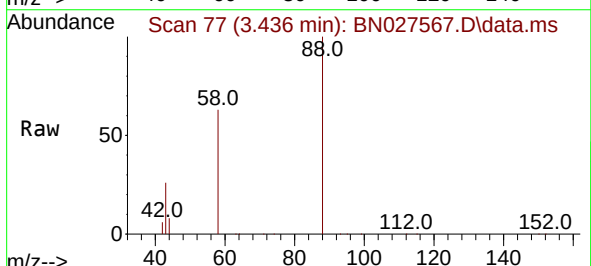
Tgt Ion:152 Resp: 625
Ion Ratio Lower Upper
152 100
150 150.1 122.7 184.1
115 60.5 48.6 73.0

Manual Integrations
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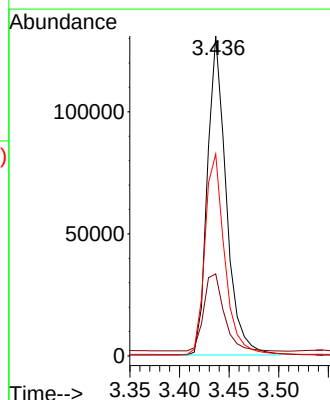
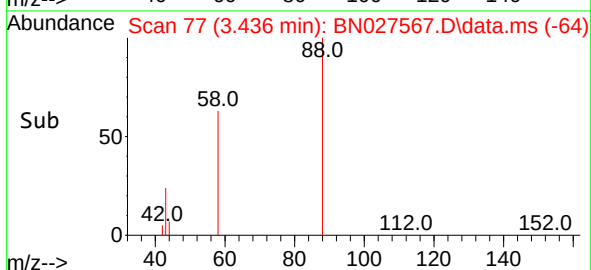
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

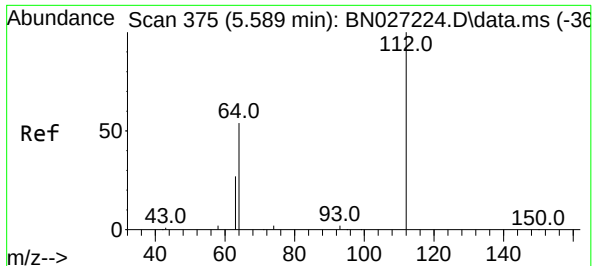


#2
1,4-Dioxane
Concen: 22.570 ng
RT: 3.436 min Scan# 77
Delta R.T. -0.007 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36



Tgt Ion: 88 Resp: 172231
Ion Ratio Lower Upper
88 100
43 26.1 19.1 28.7
58 65.6 52.2 78.2





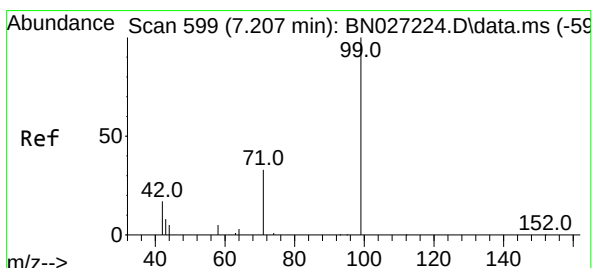
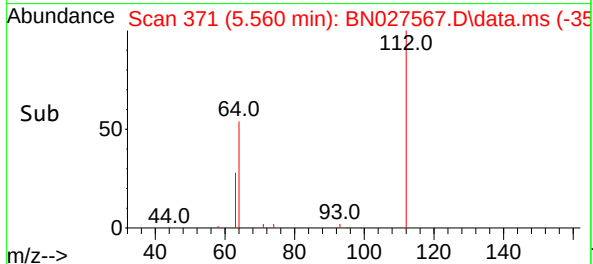
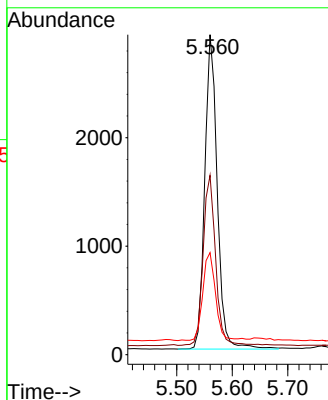
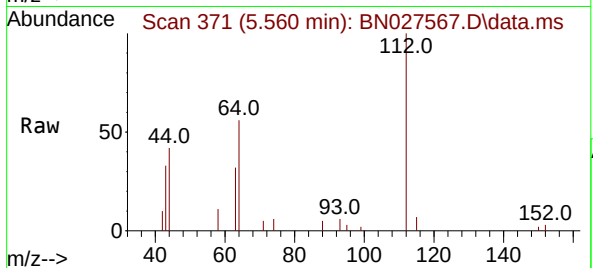
#4
2-Fluorophenol
Concen: 0.278 ng
RT: 5.560 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

Instrument :
BNA_N
ClientSampleId :
OW-07B-65-083023-3V

Tgt Ion:112 Resp: 4538
Ion Ratio Lower Upper
112 100
64 54.4 44.4 66.6
63 28.7 23.1 34.7

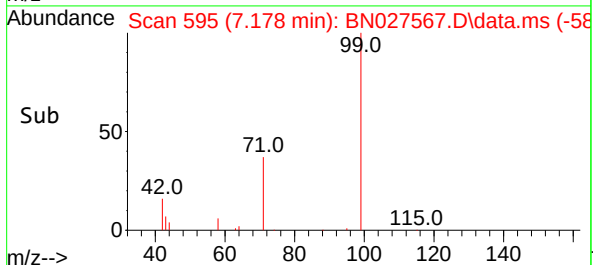
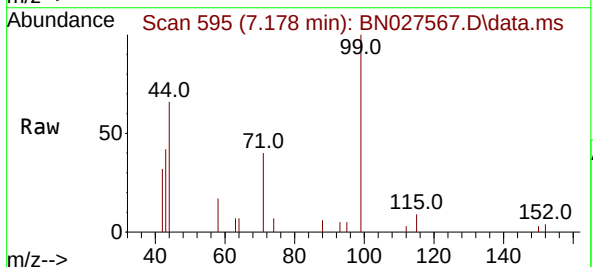
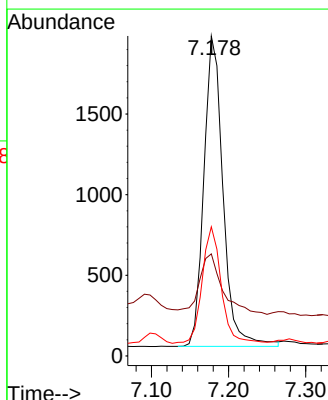
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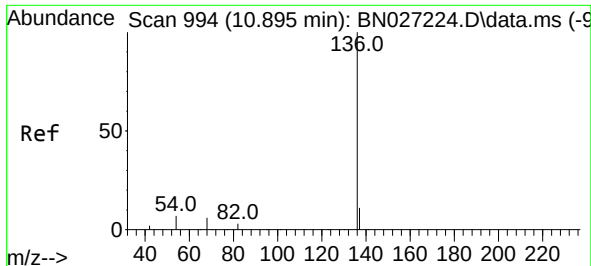
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#5
Phenol-d6
Concen: 0.167 ng
RT: 7.178 min Scan# 595
Delta R.T. -0.000 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

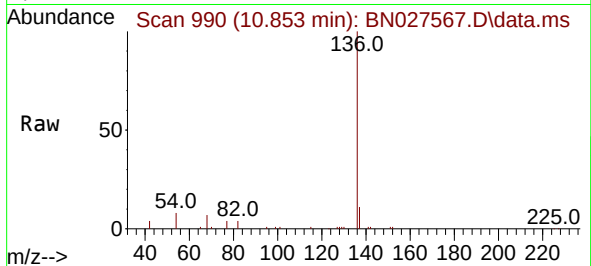
Tgt Ion: 99 Resp: 3317
Ion Ratio Lower Upper
99 100
42 23.5 14.5 21.7#
71 37.3 25.8 38.6





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.853 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

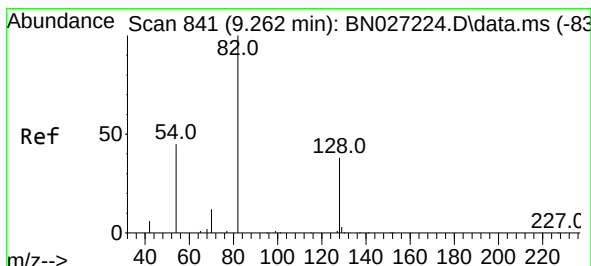
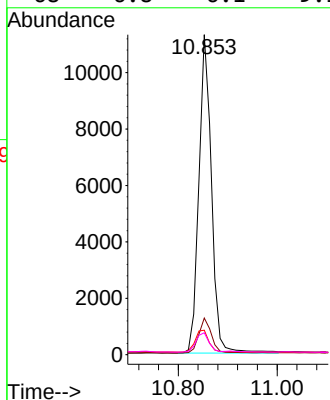
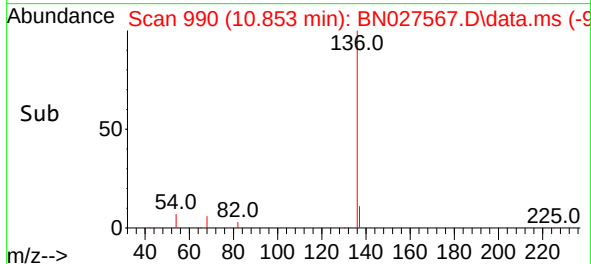
Instrument :
BNA_N
ClientSampleId :
OW-07B-65-083023-3V



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	7.7	6.7	10.1
68	6.8	6.1	9.1

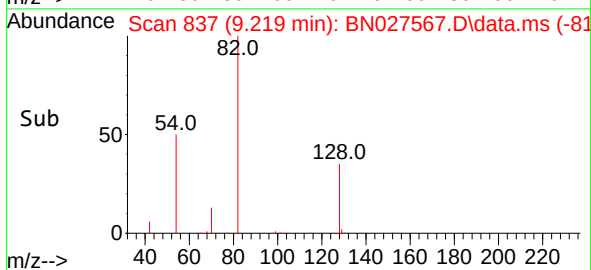
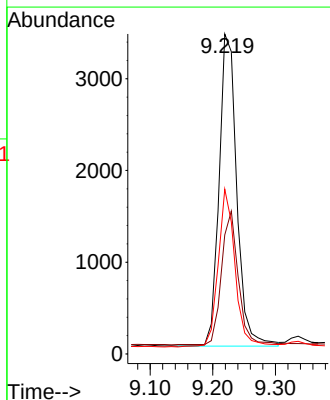
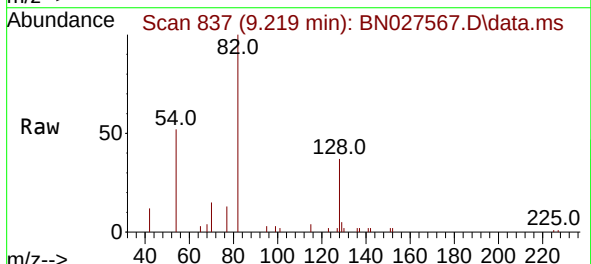
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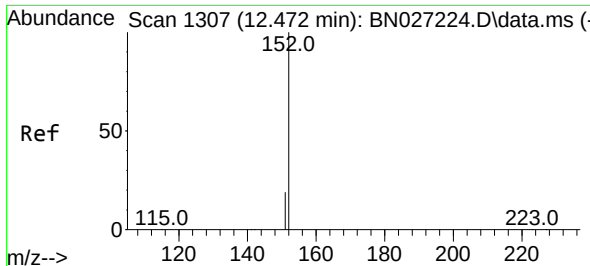
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#8
Nitrobenzene-d5
Concen: 0.460 ng
RT: 9.219 min Scan# 837
Delta R.T. -0.000 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

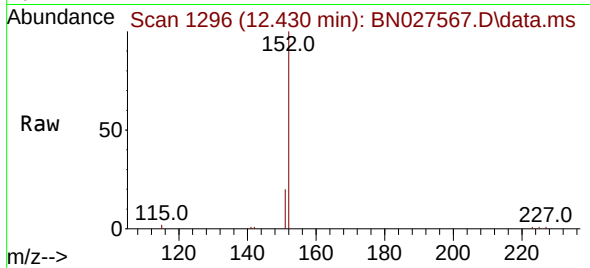
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.2	33.4	50.0
54	51.5	37.7	56.5





#11
2-Methylnaphthalene-d10
Concen: 0.424 ng
RT: 12.430 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

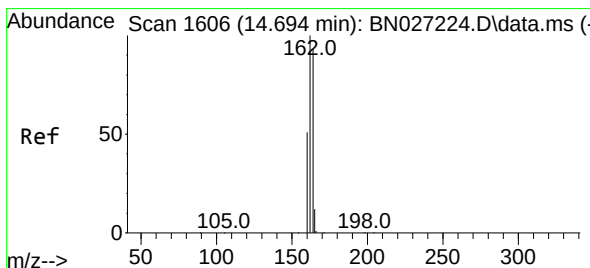
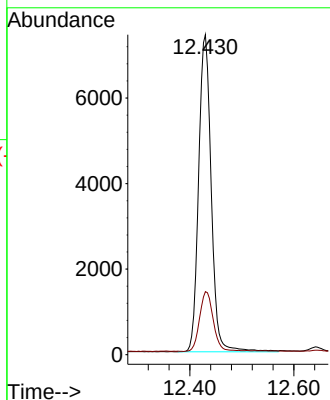
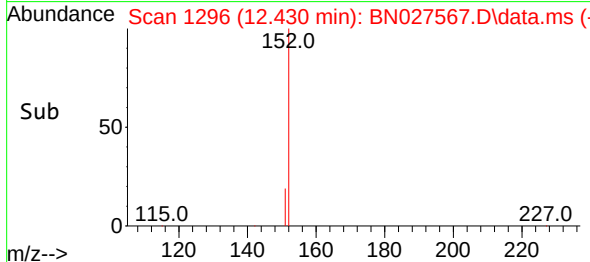
Instrument :
BNA_N
ClientSampleId :
OW-07B-65-083023-3V



Tgt Ion:152 Resp: 12460
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0

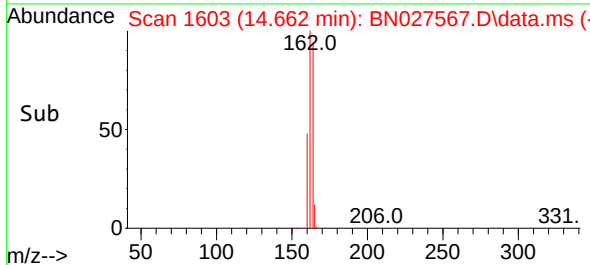
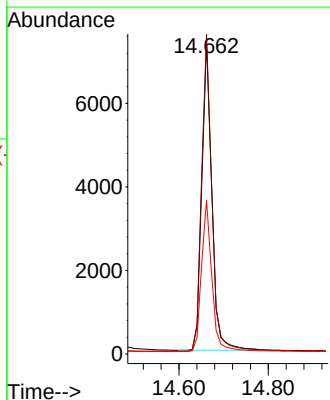
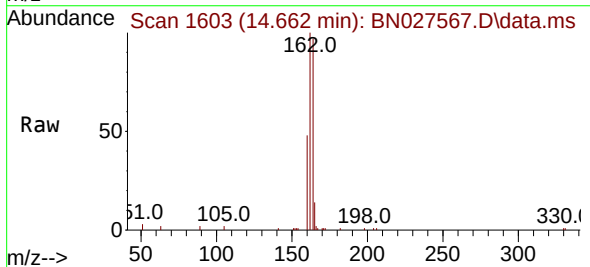
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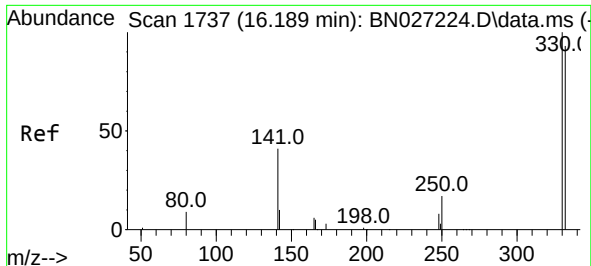
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.662 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

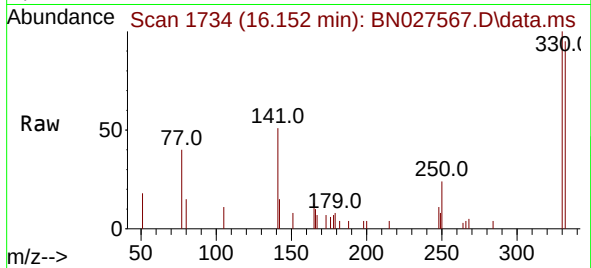
Tgt Ion:164 Resp: 11556
Ion Ratio Lower Upper
164 100
162 102.6 85.8 128.8
160 49.4 44.2 66.2





#14
2,4,6-Tribromophenol
Concen: 0.589 ng
RT: 16.152 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

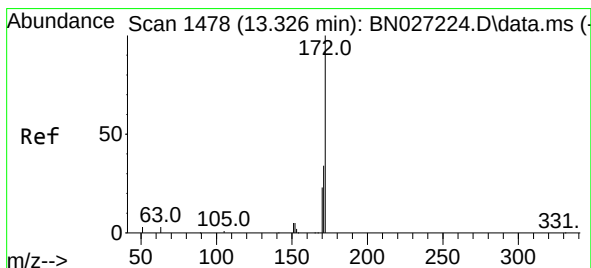
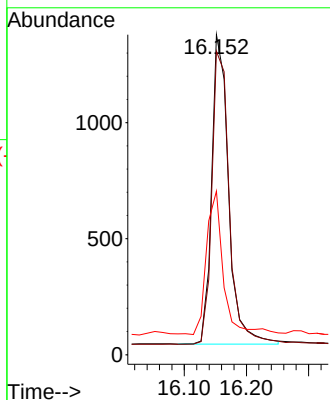
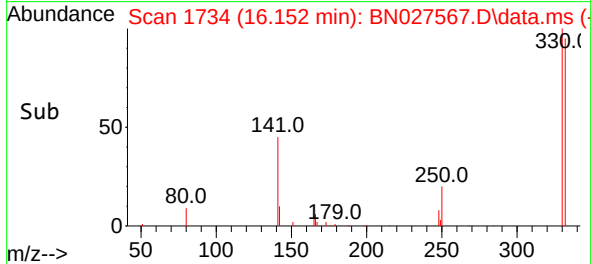
Instrument :
BNA_N
ClientSampleId :
OW-07B-65-083023-3V



Tgt Ion:330 Resp: 2520
Ion Ratio Lower Upper
330 100
332 97.9 75.2 112.8
141 45.2 36.2 54.4

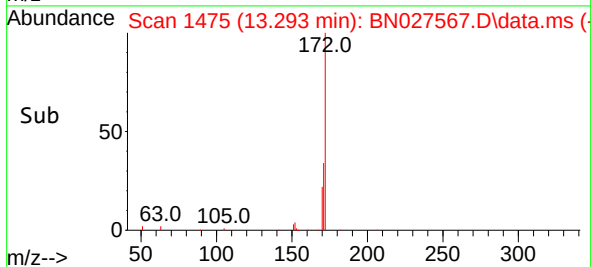
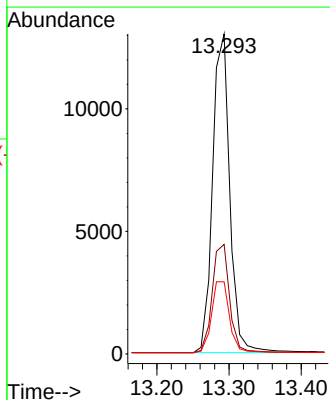
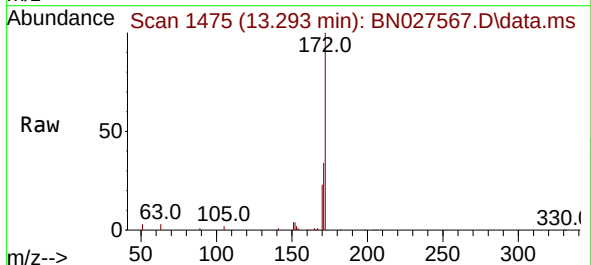
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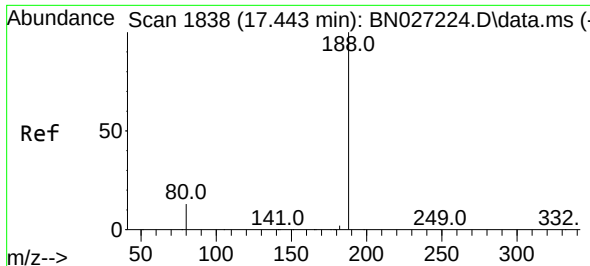
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#15
2-Fluorobiphenyl
Concen: 0.489 ng
RT: 13.293 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

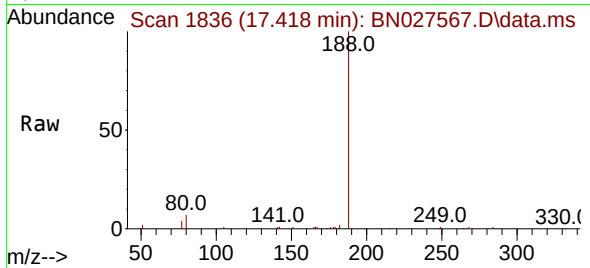
Tgt Ion:172 Resp: 21492
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.8
170 22.6 19.3 28.9





#19
Phenanthrene-d10
Concen: 0.400 ng m
RT: 17.418 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

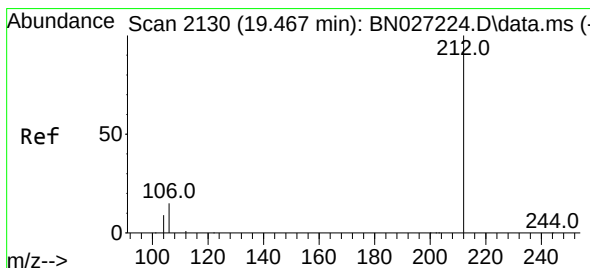
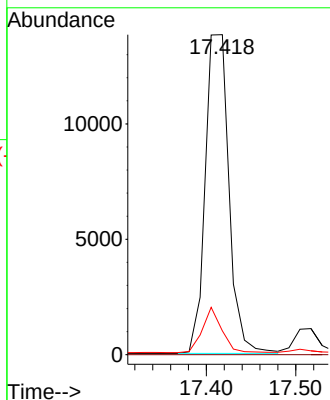
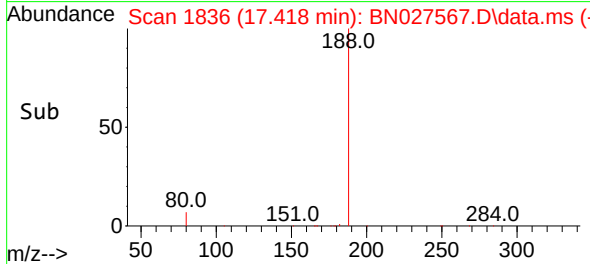
Instrument :
BNA_N
ClientSampleId :
OW-07B-65-083023-3V



Tgt Ion:188 Resp: 25417
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 11.0 16.6

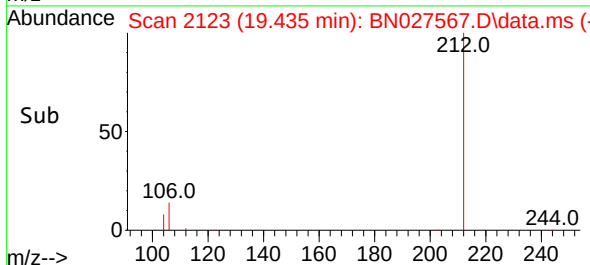
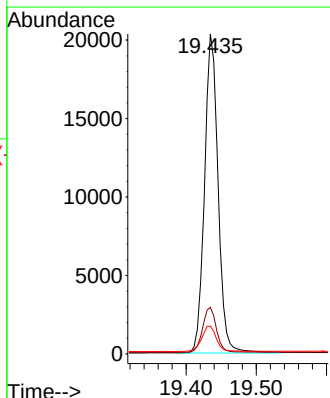
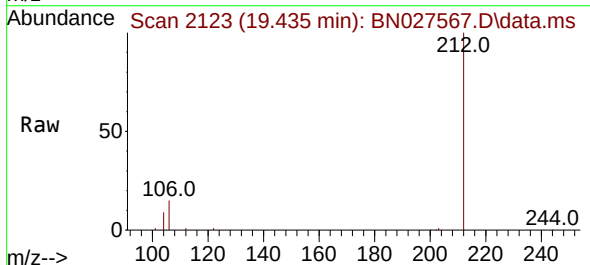
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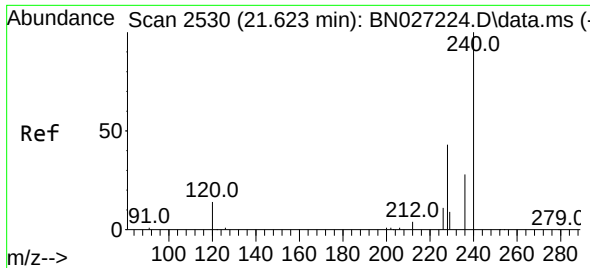
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#27
Fluoranthene-d10
Concen: 0.433 ng m
RT: 19.435 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

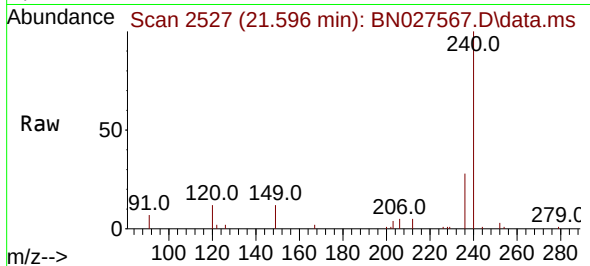
Tgt Ion:212 Resp: 27374
Ion Ratio Lower Upper
212 100
106 0.0 12.1 18.1#
104 0.0 6.9 10.3#





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.596 min Scan# 2156
Delta R.T. 0.009 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

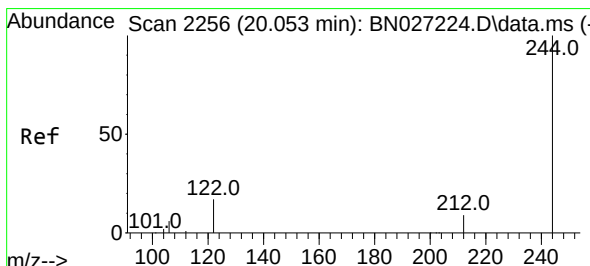
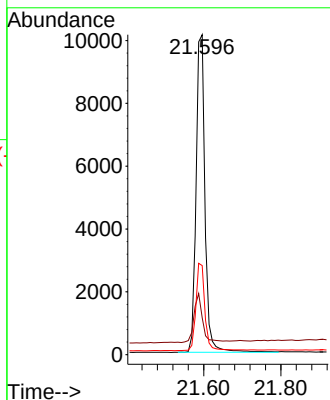
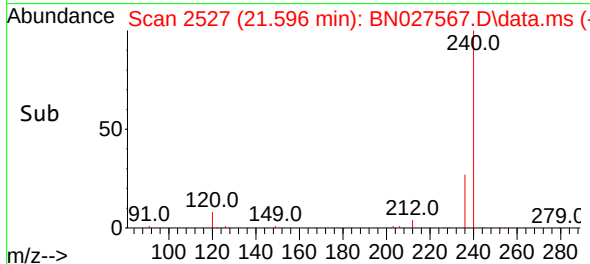
Instrument :
BNA_N
ClientSampleId :
OW-07B-65-083023-3V



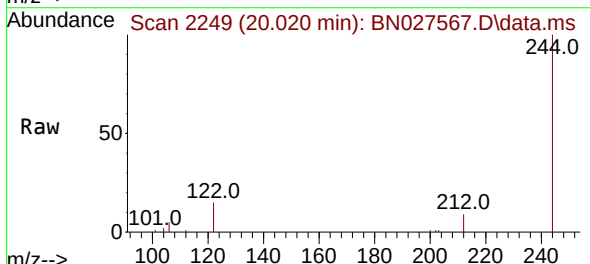
Tgt Ion:240 Resp: 1616
Ion Ratio Lower Upper
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120 11.5 14.2 21.4
236 27.9 22.9 34.3

Manual Integrations
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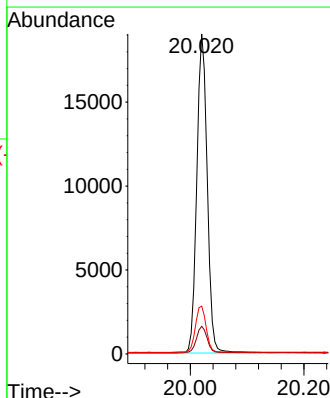
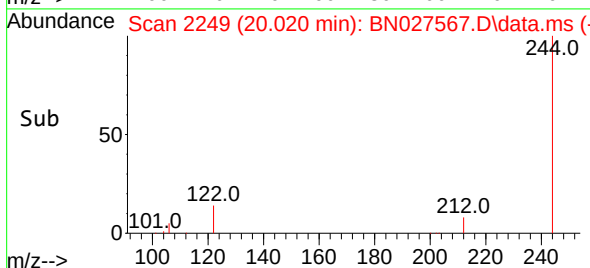
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

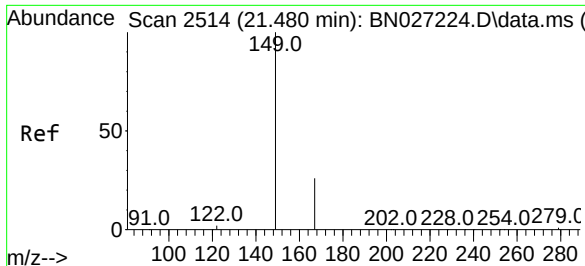


#31
Terphenyl-d14
Concen: 0.748 ng
RT: 20.020 min Scan# 2249
Delta R.T. -0.000 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36



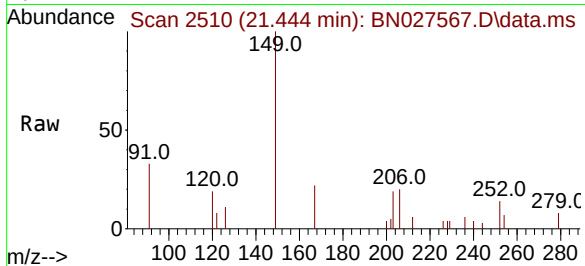
Tgt Ion:244 Resp: 24268
Ion Ratio Lower Upper
244 100
212 8.7 7.5 11.3
122 15.0 14.0 21.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.046 ng
RT: 21.444 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

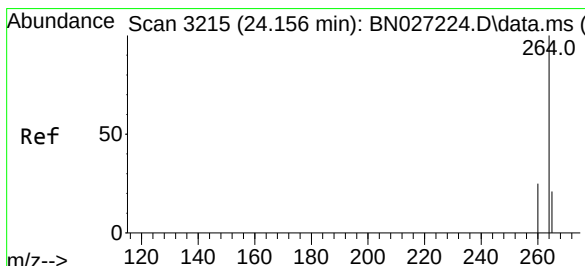
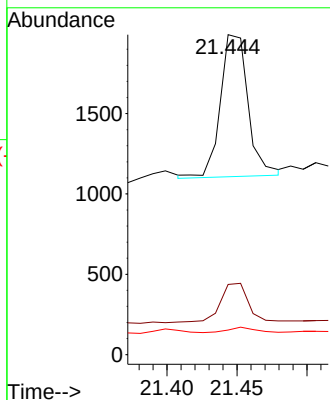
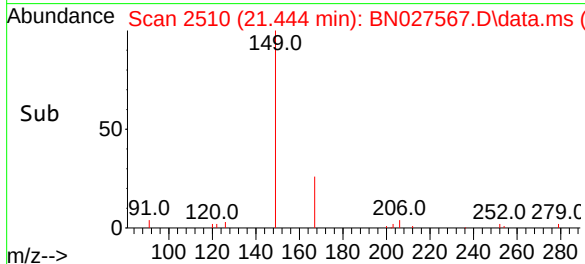
Instrument :
BNA_N
ClientSampleId :
OW-07B-65-083023-3V



Tgt Ion:149 Resp: 1223
Ion Ratio Lower Upper
149 100
167 31.2 22.1 33.1
279 3.6 2.7 4.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.098 min Scan# 3195
Delta R.T. 0.003 min
Lab File: BN027567.D
Acq: 11 Sep 2023 08:36

Tgt Ion:264 Resp: 13359
Ion Ratio Lower Upper
264 100
260 26.2 20.7 31.1
265 74.0 53.3 79.9

