

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027291.D
 Acq On : 31 Aug 2023 02:05
 Operator : MA/JU
 Sample : 04051-08DL 5X
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20230816DL

Quant Time: Aug 31 04:31:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 05:37:30 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	5481	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	13126	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	8258	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	19628	0.400	ng	0.00
29) Chrysene-d12	21.623	240	13877	0.400	ng	0.00
35) Perylene-d12	24.154	264	11643	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	335	0.023	ng	0.00
5) Phenol-d6	7.207	99	209	0.012	ng	0.00
8) Nitrobenzene-d5	9.262	82	541	0.057	ng	0.00
11) 2-Methylnaphthalene-d10	12.472	152	900	0.047	ng	0.00
14) 2,4,6-Tribromophenol	16.202	330	142	0.046	ng	0.01
15) 2-Fluorobiphenyl	13.336	172	1590m	0.051	ng	0.01
27) Fluoranthene-d10	19.467	212	3074	0.063	ng	0.00
31) Terphenyl-d14	20.048	244	2381	0.085	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	10457	1.563	ng	93
34) Bis(2-ethylhexyl)phtha...	21.471	149	974	0.042	ng	# 89

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

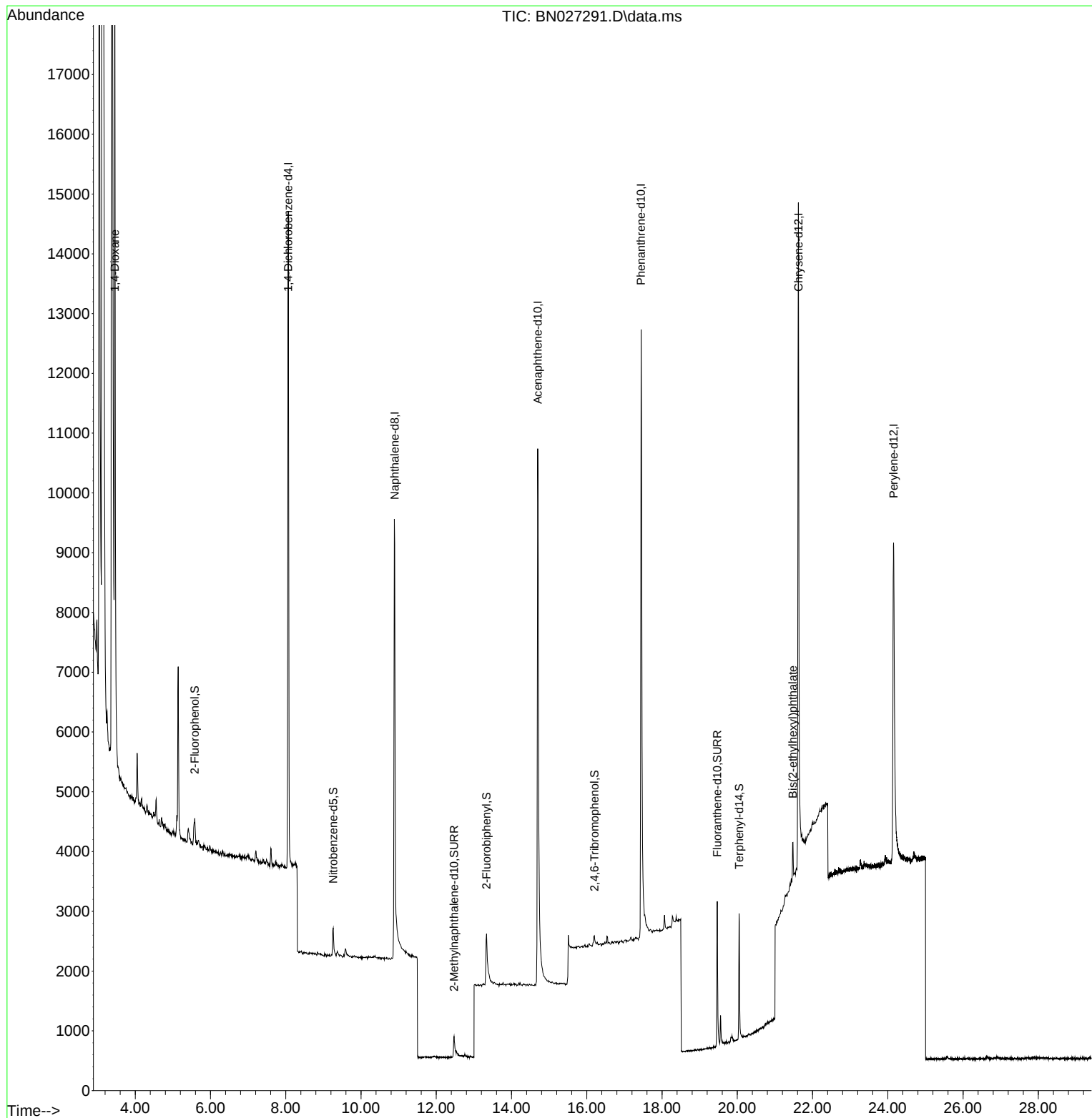
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027291.D
Acq On : 31 Aug 2023 02:05
Operator : MA/JU
Sample : 04051-08DL 5X
Misc :
ALS Vial : 70 Sample Multiplier: 1

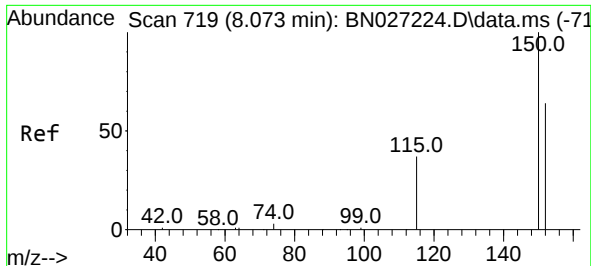
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230816DL

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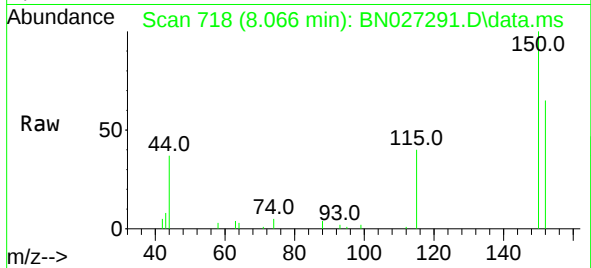
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.066 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027291.D
 Acq: 31 Aug 2023 02:05

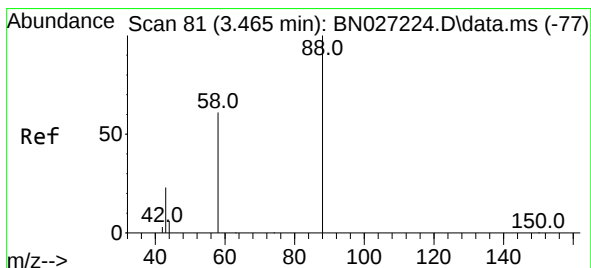
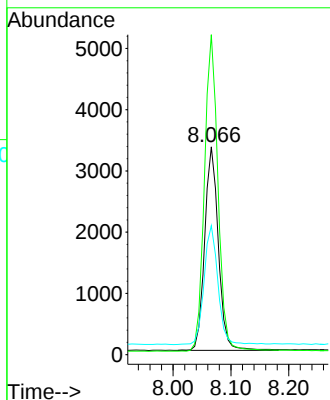
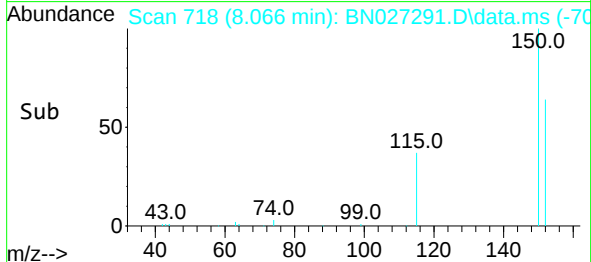
Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20230816DL



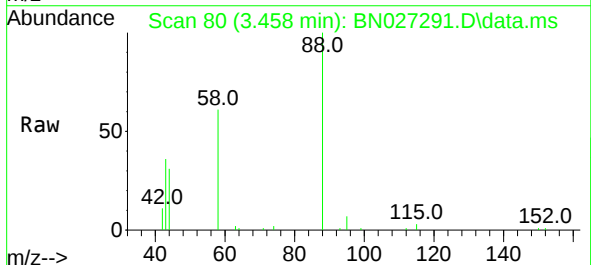
Tgt Ion:152 Resp: 548
 Ion Ratio Lower Upper
 152 100
 150 153.9 122.7 184.1
 115 62.1 48.6 73.0

Manual Integrations
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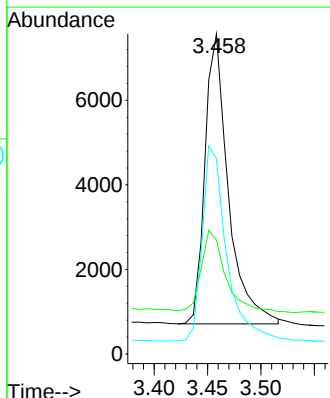
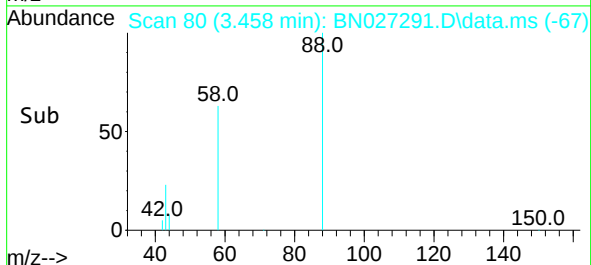
Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

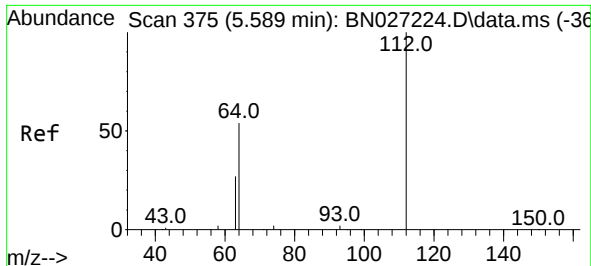


#2
 1,4-Dioxane
 Concen: 1.563 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BN027291.D
 Acq: 31 Aug 2023 02:05



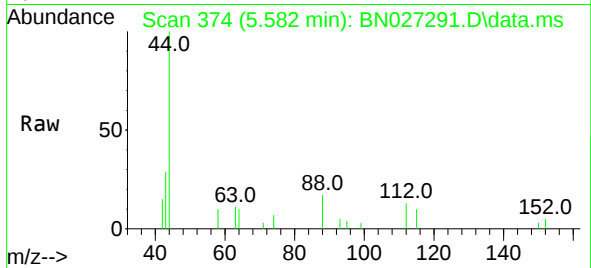
Tgt Ion: 88 Resp: 10457
 Ion Ratio Lower Upper
 88 100
 43 28.4 19.1 28.7
 58 69.9 52.2 78.2





#4
2-Fluorophenol
Concen: 0.023 ng
RT: 5.582 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027291.D
Acq: 31 Aug 2023 02:05

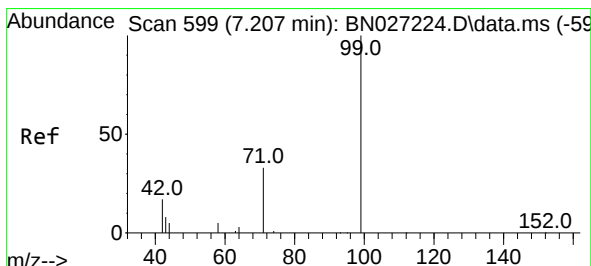
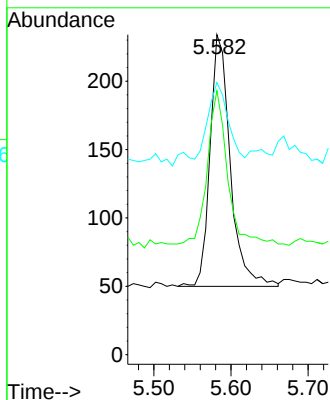
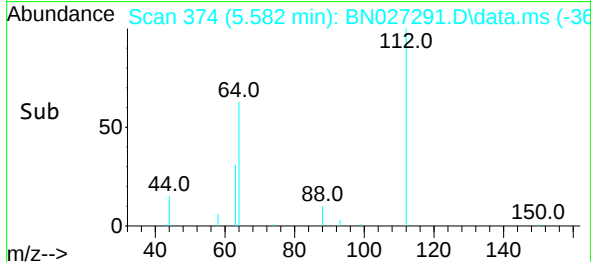
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230816DL



Tgt Ion:112 Resp: 335
Ion Ratio Lower Upper
112 100
64 61.8 44.4 66.6
63 32.8 23.1 34.7

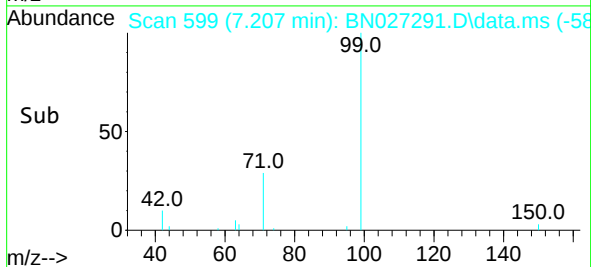
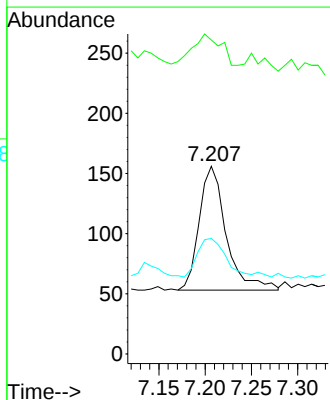
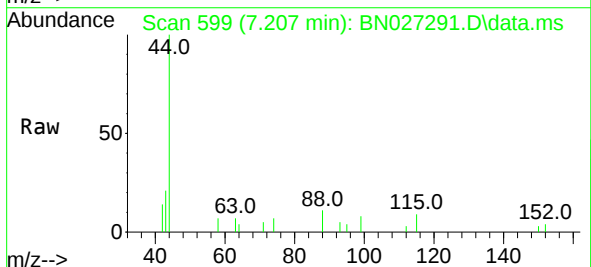
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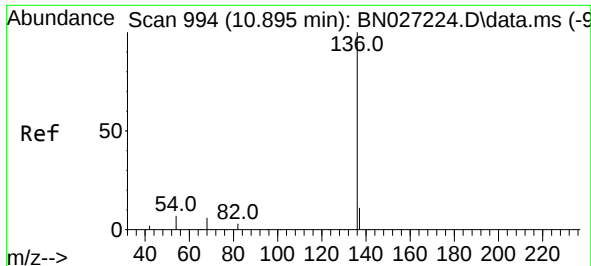
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#5
Phenol-d6
Concen: 0.012 ng
RT: 7.207 min Scan# 599
Delta R.T. 0.000 min
Lab File: BN027291.D
Acq: 31 Aug 2023 02:05

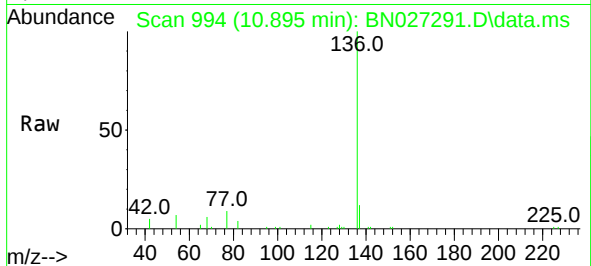
Tgt Ion: 99 Resp: 209
Ion Ratio Lower Upper
99 100
42 28.2 14.5 21.7#
71 33.5 25.8 38.6





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 994
Delta R.T. 0.000 min
Lab File: BN027291.D
Acq: 31 Aug 2023 02:05

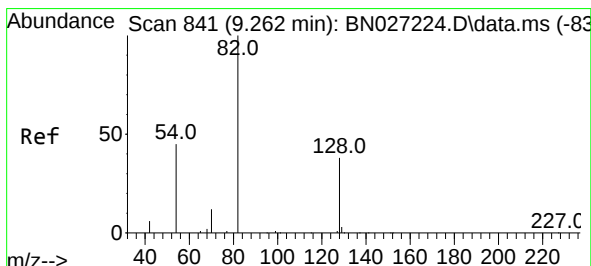
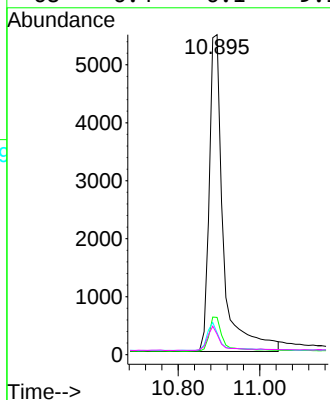
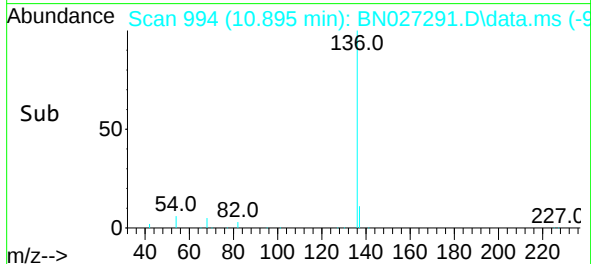
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230816DL



Tgt Ion:	136	Resp:	13120
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.3	13.9
54	6.9	6.7	10.1
68	6.4	6.1	9.1

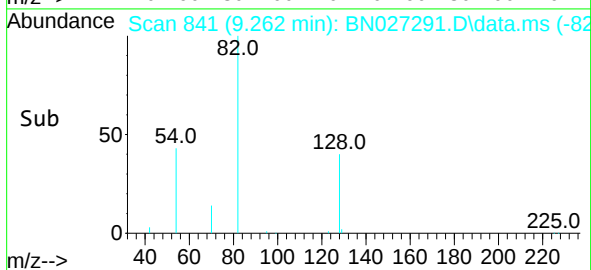
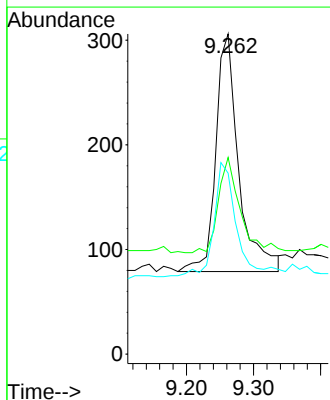
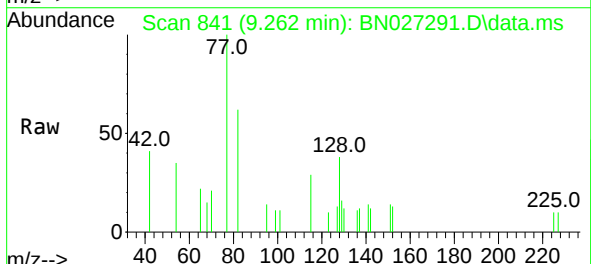
Manual Integrations
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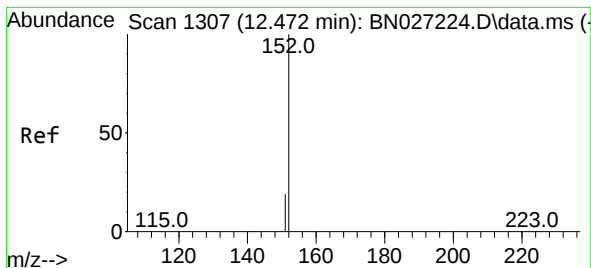
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#8
Nitrobenzene-d5
Concen: 0.057 ng
RT: 9.262 min Scan# 841
Delta R.T. 0.000 min
Lab File: BN027291.D
Acq: 31 Aug 2023 02:05

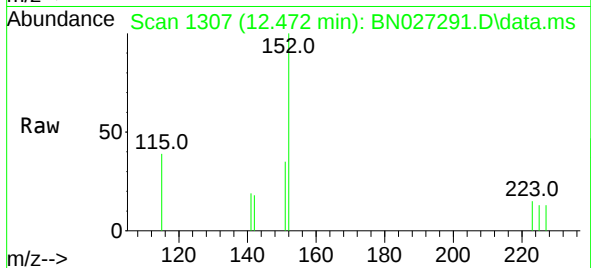
Tgt Ion:	82	Resp:	541
Ion Ratio	Lower	Upper	
82	100		
128	61.4	33.4	50.0#
54	56.5	37.7	56.5#





#11
2-Methylnaphthalene-d10
Concen: 0.047 ng
RT: 12.472 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027291.D
Acq: 31 Aug 2023 02:05

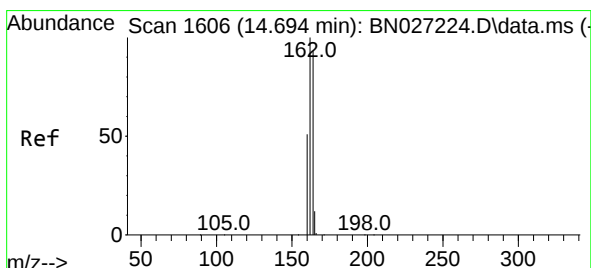
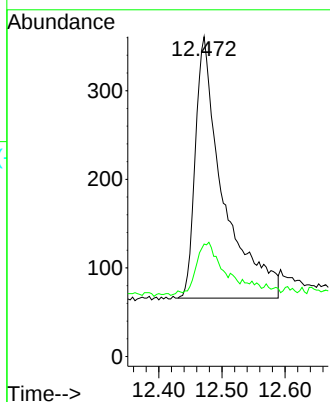
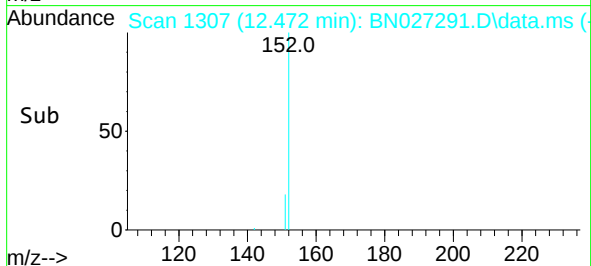
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BNA_N
ClientSampleId :
RE125D2-20230816DL



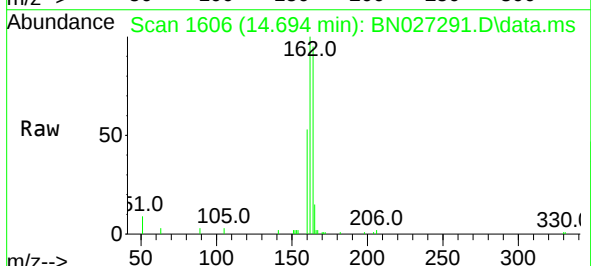
Tgt Ion:152 Resp: 900
Ion Ratio Lower Upper
152 100
151 15.2 16.6 25.0

Manual Integrations
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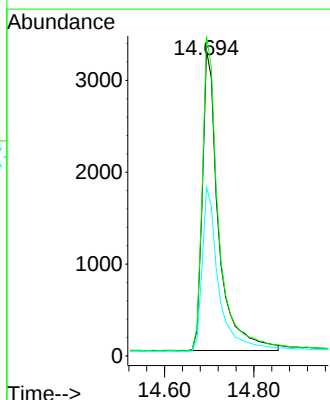
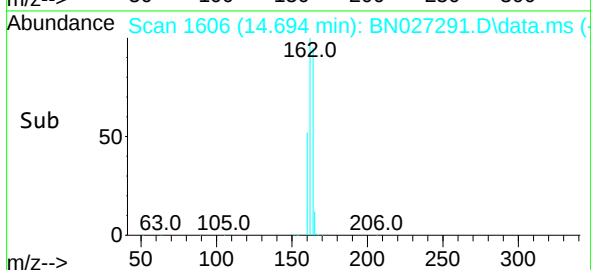
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

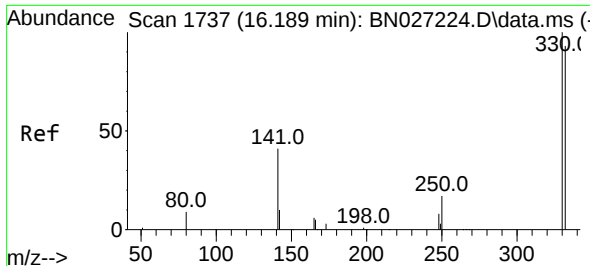


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BN027291.D
Acq: 31 Aug 2023 02:05



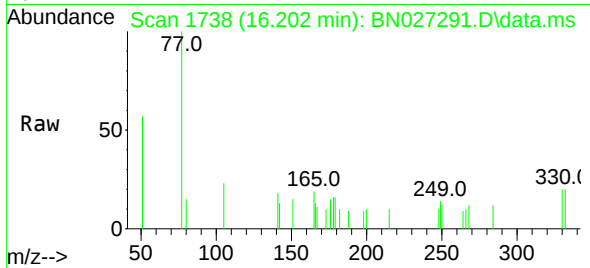
Tgt Ion:164 Resp: 8258
Ion Ratio Lower Upper
164 100
162 104.7 85.8 128.8
160 55.2 44.2 66.2





#14
2,4,6-Tribromophenol
Concen: 0.046 ng
RT: 16.202 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN027291.D
Acq: 31 Aug 2023 02:05

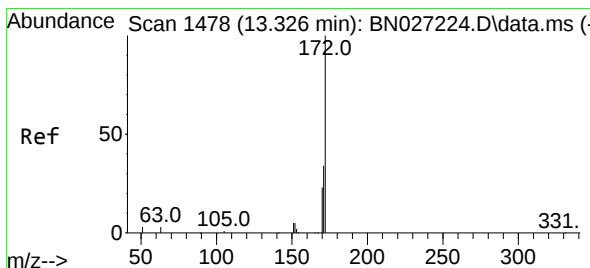
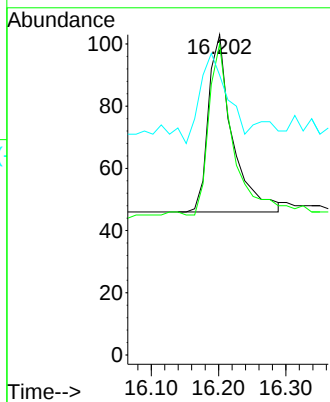
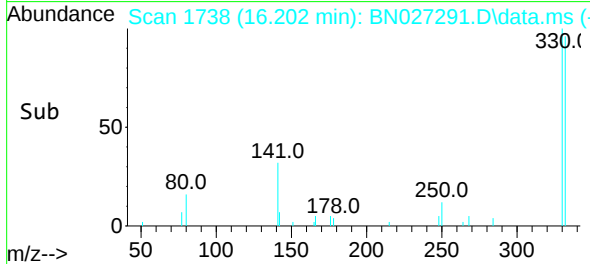
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230816DL



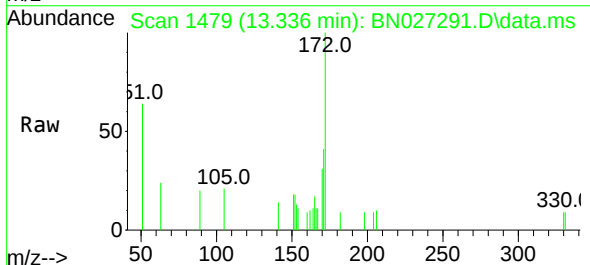
Tgt Ion:330 Resp: 142
Ion Ratio Lower Upper
330 100
332 96.5 75.2 112.8
141 60.6 36.2 54.4

Manual Integrations
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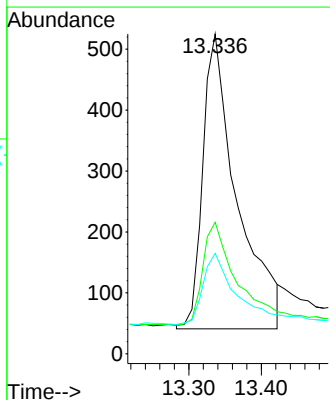
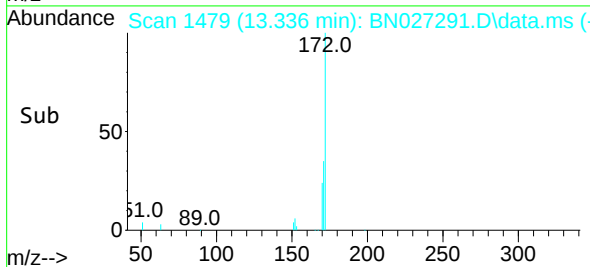
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

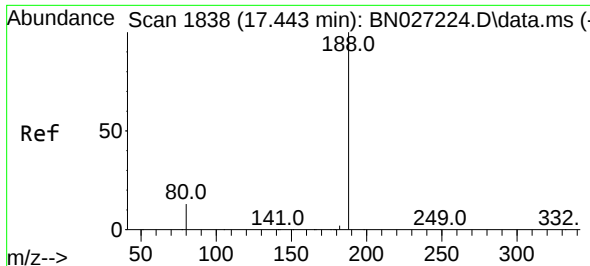


#15
2-Fluorobiphenyl
Concen: 0.051 ng m
RT: 13.336 min Scan# 1479
Delta R.T. 0.011 min
Lab File: BN027291.D
Acq: 31 Aug 2023 02:05



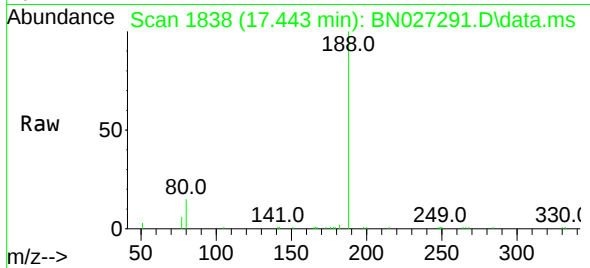
Tgt Ion:172 Resp: 1590
Ion Ratio Lower Upper
172 100
171 41.1 27.8 41.8
170 31.4 19.3 28.9





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BN027291.D
Acq: 31 Aug 2023 02:05

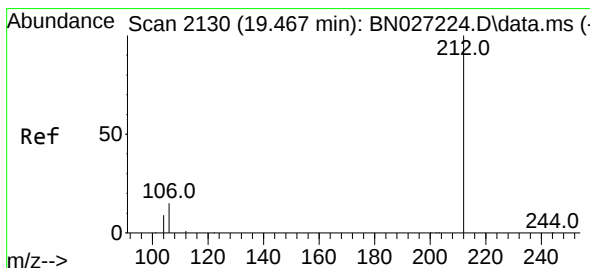
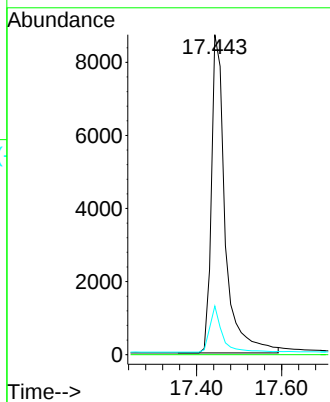
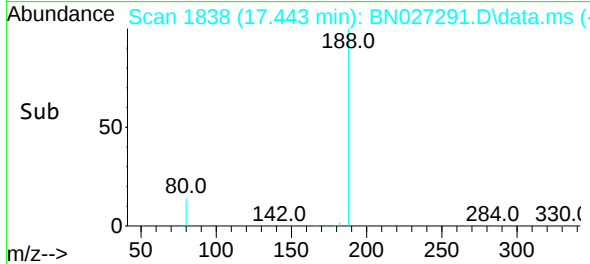
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230816DL



Tgt Ion:188 Resp: 19628
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.2 11.0 16.6

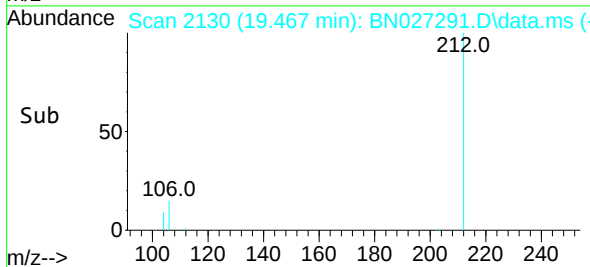
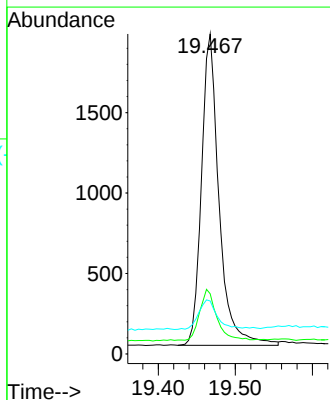
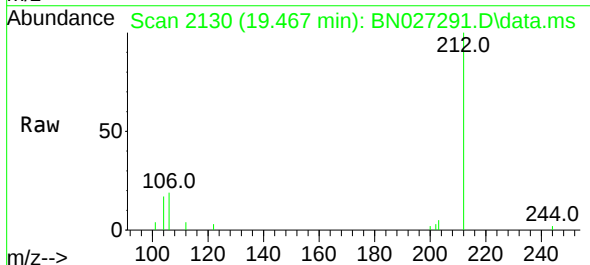
Manual Integrations
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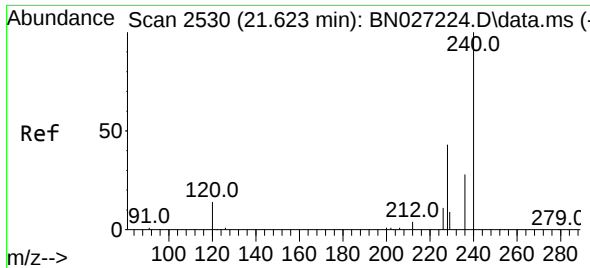
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#27
Fluoranthene-d10
Concen: 0.063 ng
RT: 19.467 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BN027291.D
Acq: 31 Aug 2023 02:05

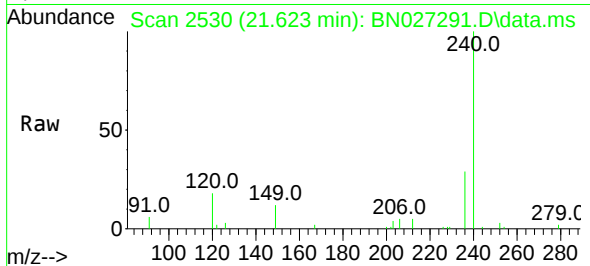
Tgt Ion:212 Resp: 3074
Ion Ratio Lower Upper
212 100
106 15.5 12.1 18.1
104 10.1 6.9 10.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027291.D
Acq: 31 Aug 2023 02:05

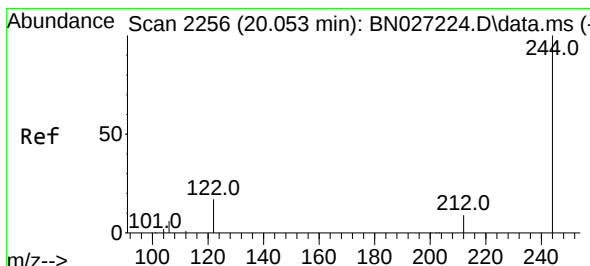
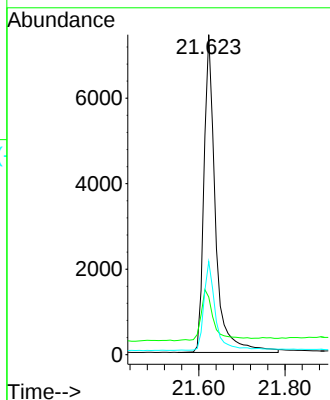
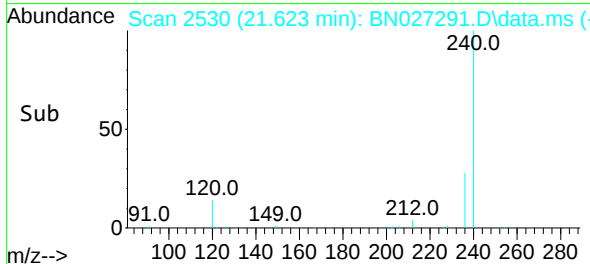
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230816DL



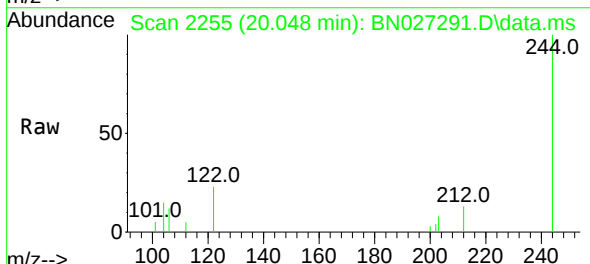
Tgt Ion:240 Resp: 1387
Ion Ratio Lower Upper
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120 18.0 14.2 21.4
236 29.1 22.9 34.3

Manual Integrations
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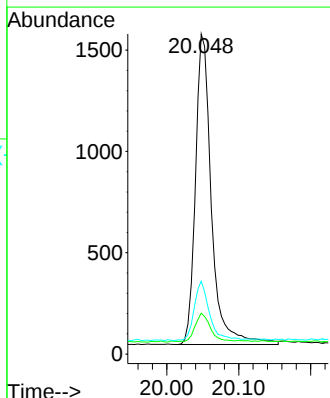
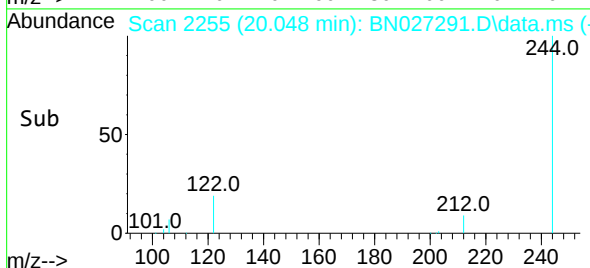
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

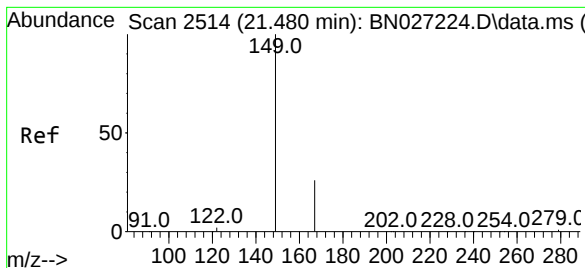


#31
Terphenyl-d14
Concen: 0.085 ng
RT: 20.048 min Scan# 2255
Delta R.T. -0.005 min
Lab File: BN027291.D
Acq: 31 Aug 2023 02:05



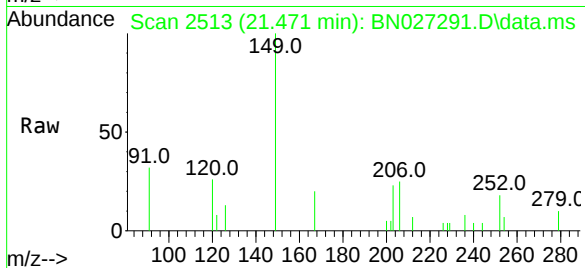
Tgt Ion:244 Resp: 2381
Ion Ratio Lower Upper
244 100
212 12.8 7.5 11.3#
122 22.8 14.0 21.0#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.042 ng
RT: 21.471 min Scan# 2149
Delta R.T. -0.009 min
Lab File: BN027291.D
Acq: 31 Aug 2023 02:05

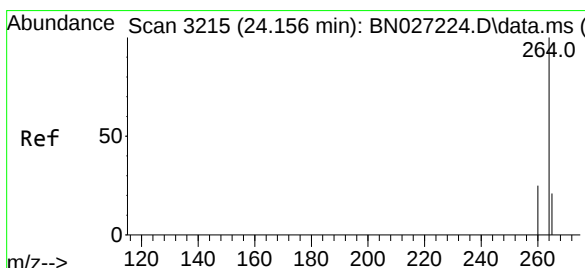
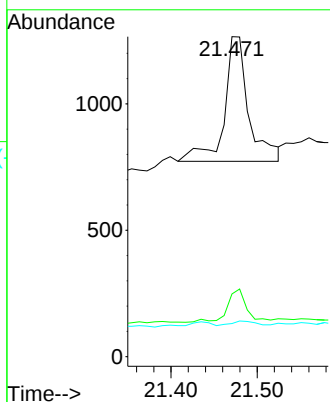
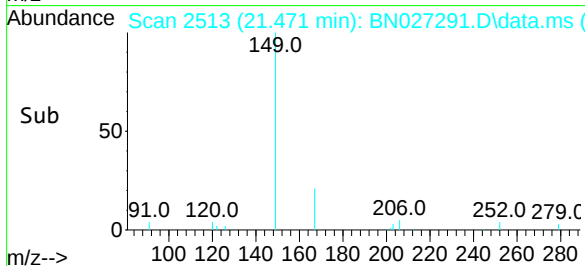
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230816DL



Tgt Ion:149 Resp: 974
Ion Ratio Lower Upper
149 100
167 21.0 22.1 33.1
279 3.5 2.7 4.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.154 min Scan# 3214
Delta R.T. -0.003 min
Lab File: BN027291.D
Acq: 31 Aug 2023 02:05

Tgt Ion:264 Resp: 11643
Ion Ratio Lower Upper
264 100
260 26.9 20.7 31.1
265 85.0 53.3 79.9

