

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
 Data File : BN034237.D
 Acq On : 25 Sep 2024 22:35
 Operator : RC/JU
 Sample : P4164-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20240920

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2024
 Supervised By :mohammad ahmed 09/26/2024

Quant Time: Sep 26 04:31:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 03:57:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	3901m	0.400	ng	-0.06
7) Naphthalene-d8	10.682	136	9710	0.400	ng	#-0.06
13) Acenaphthene-d10	14.479	164	4984	0.400	ng	-0.06
19) Phenanthrene-d10	17.218	188	9318	0.400	ng	#-0.06
29) Chrysene-d12	21.384	240	5305	0.400	ng	#-0.05
35) Perylene-d12	23.680	264	4271	0.400	ng	#-0.09
System Monitoring Compounds						
4) 2-Fluorophenol	5.509	112	1567	0.142	ng	-0.06
5) Phenol-d6	7.091	99	663	0.051	ng	-0.06
8) Nitrobenzene-d5	9.059	82	2230	0.300	ng	-0.06
11) 2-Methylnaphthalene-d10	12.252	152	4347	0.303	ng	-0.07
14) 2,4,6-Tribromophenol	15.964	330	112	0.050	ng	-0.06
15) 2-Fluorobiphenyl	13.121	172	6618	0.326	ng	-0.06
27) Fluoranthene-d10	19.238	212	8271	0.352	ng	-0.06
31) Terphenyl-d14	19.833	244	5291	0.499	ng	-0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.451	88	7894	1.619	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.295	149	1127	0.161	ng	96

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

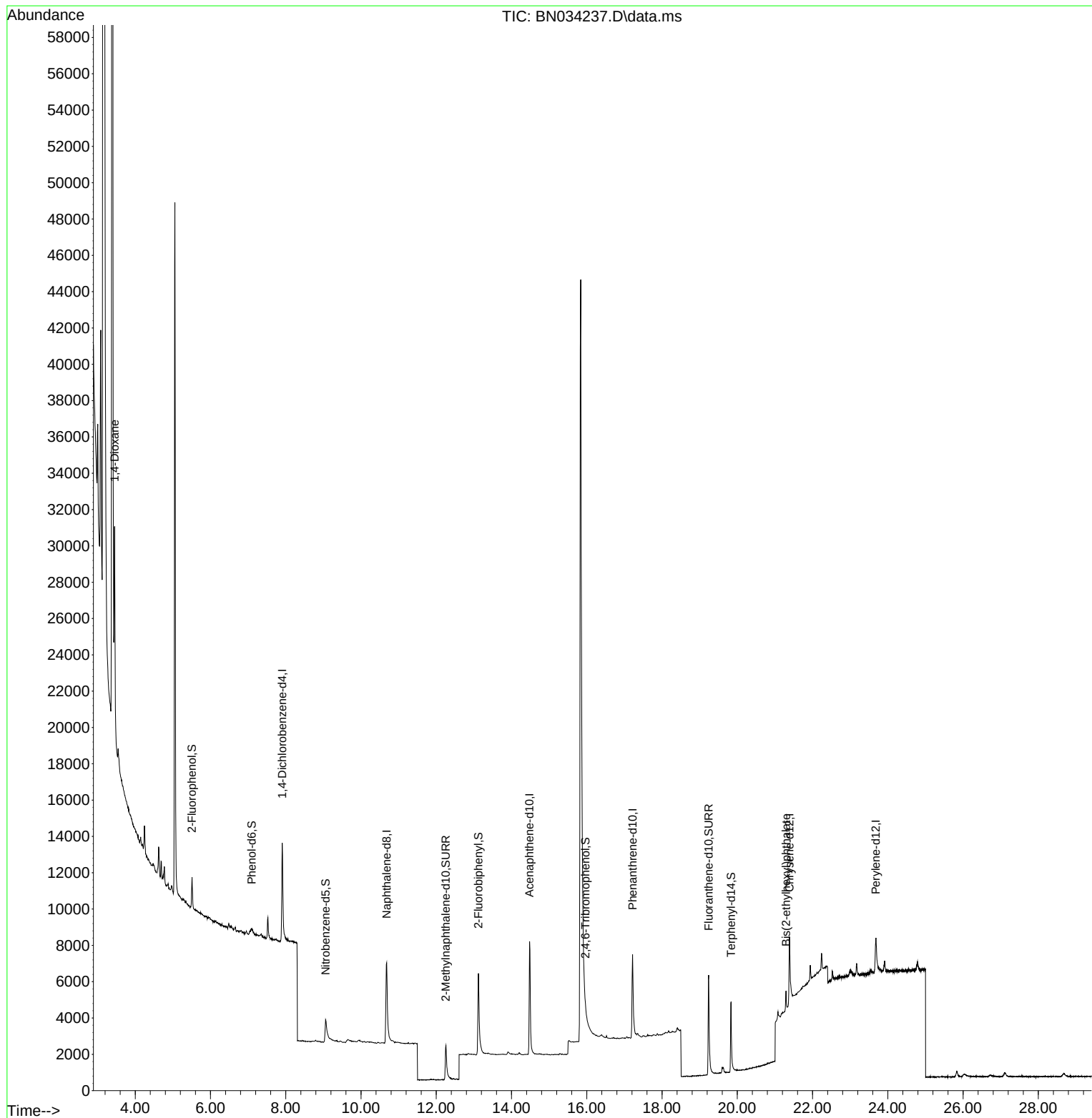
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
Data File : BN034237.D
Acq On : 25 Sep 2024 22:35
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ALS Vial : 12 Sample Multiplier: 1

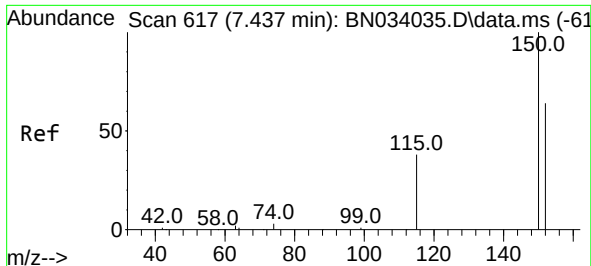
Instrument :
BNA_N
ClientSampleId :
RE139D2-20240920

Quant Time: Sep 26 04:31:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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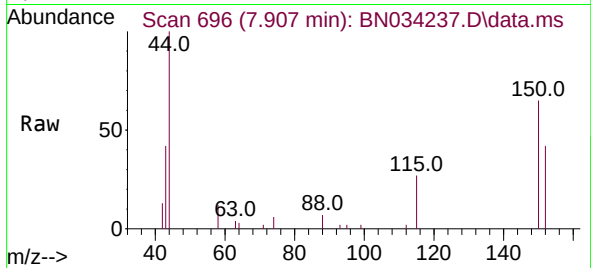
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng m
 RT: 7.907 min Scan# 61
 Delta R.T. -0.065 min
 Lab File: BN034237.D
 Acq: 25 Sep 2024 22:35

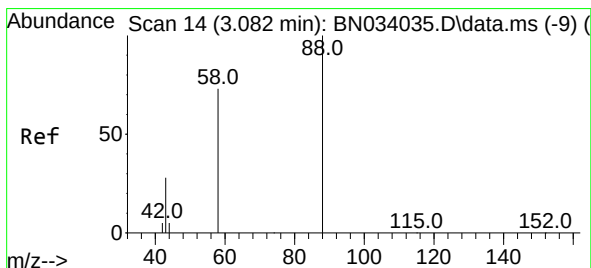
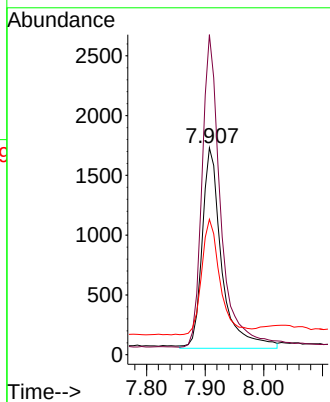
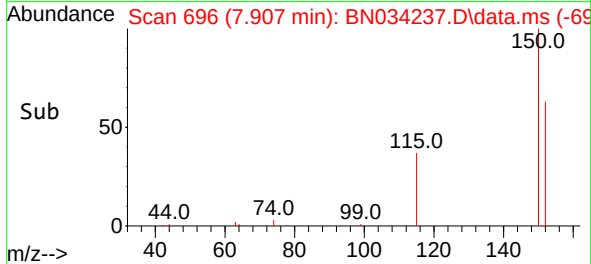
Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20240920



Tgt Ion: 152 Resp: 390
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 187.0
 115 65.5 50.0 75.0

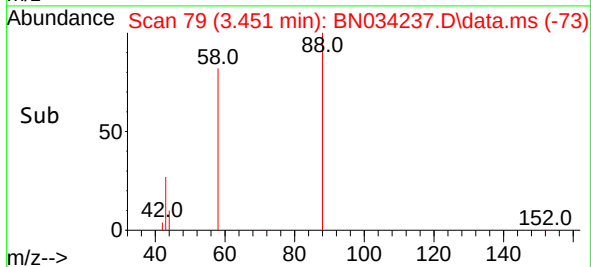
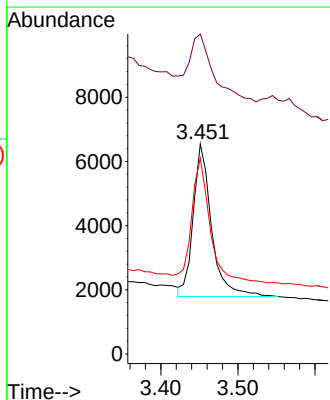
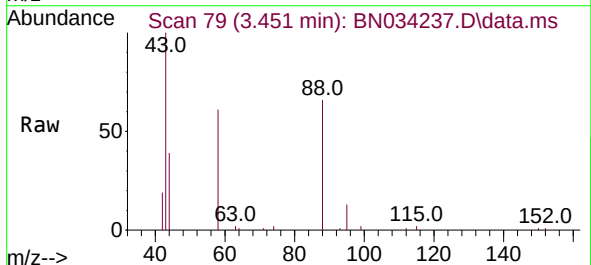
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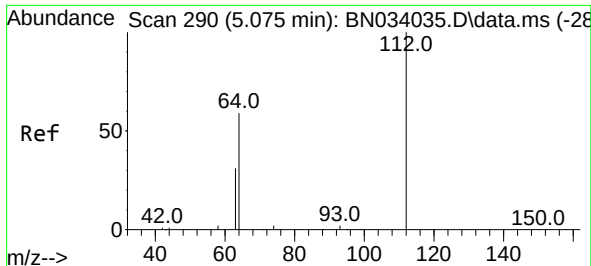
Reviewed By :Yogesh Patel 09/26/2024
 Supervised By :mohammad ahmed 09/26/2024



#2
 1,4-Dioxane
 Concen: 1.619 ng
 RT: 3.451 min Scan# 79
 Delta R.T. -0.058 min
 Lab File: BN034237.D
 Acq: 25 Sep 2024 22:35

Tgt Ion: 88 Resp: 7894
 Ion Ratio Lower Upper
 88 100
 43 60.3 25.8 38.8#
 58 82.6 58.8 88.2





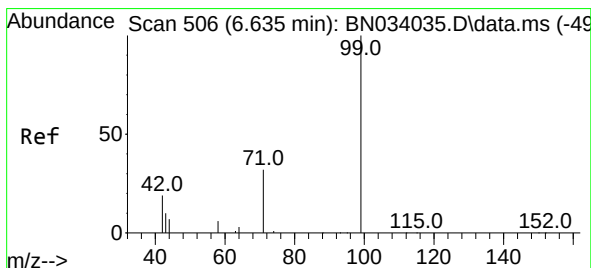
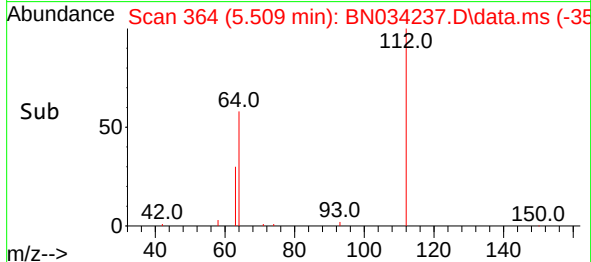
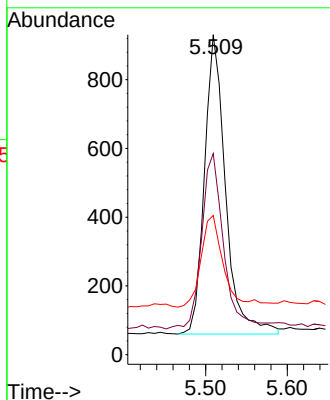
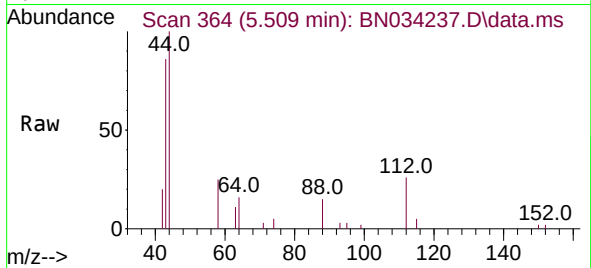
#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.509 min Scan# 30
Delta R.T. -0.065 min
Lab File: BN034237.D
Acq: 25 Sep 2024 22:35

Instrument :
BNA_N
ClientSampleId :
RE139D2-20240920

Tgt Ion: 112 Resp: 156
Ion Ratio Lower Upper
112 100
64 61.1 48.6 72.8
63 33.1 25.6 38.4

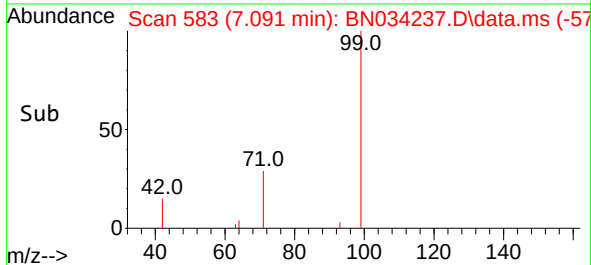
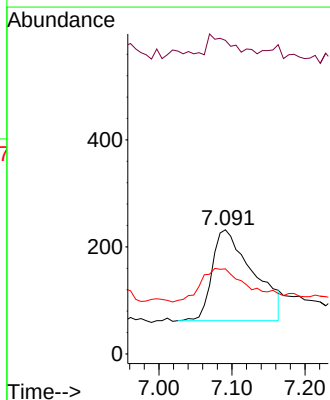
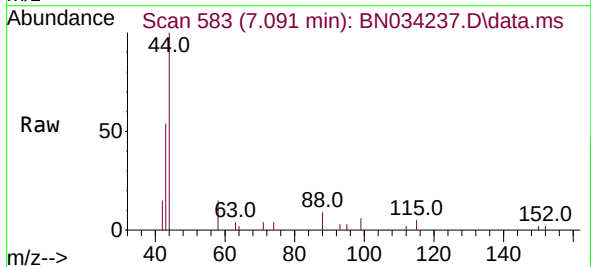
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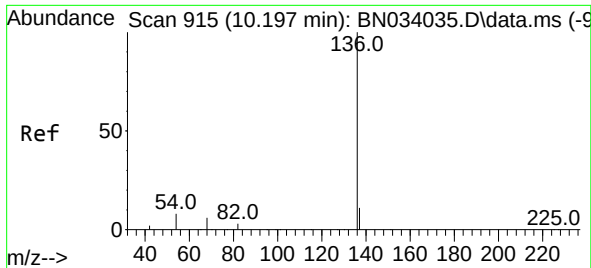
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



#5
Phenol-d6
Concen: 0.051 ng
RT: 7.091 min Scan# 583
Delta R.T. -0.058 min
Lab File: BN034237.D
Acq: 25 Sep 2024 22:35

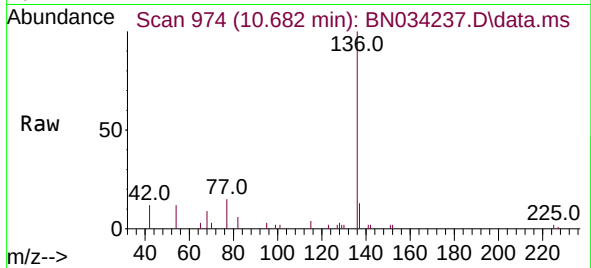
Tgt Ion: 99 Resp: 663
Ion Ratio Lower Upper
99 100
42 0.0 17.8 26.8#
71 0.0 26.2 39.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.682 min Scan# 915
Delta R.T. -0.064 min
Lab File: BN034237.D
Acq: 25 Sep 2024 22:35

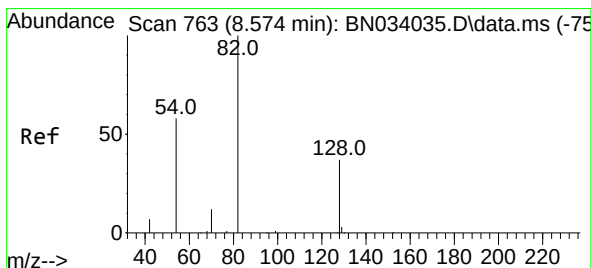
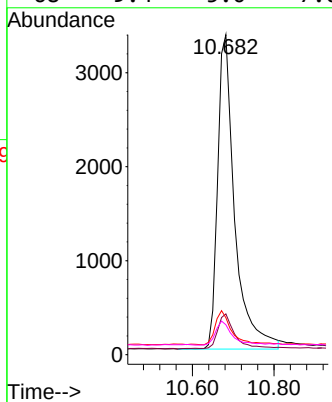
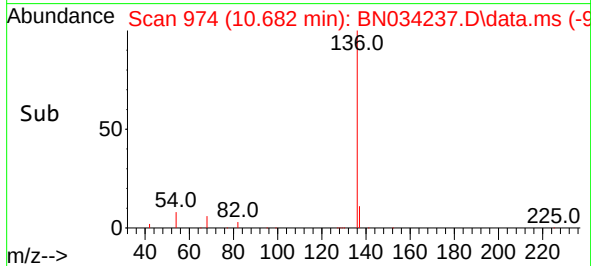
Instrument :
BNA_N
ClientSampleId :
RE139D2-20240920



Tgt Ion:136 Resp: 9710
Ion Ratio Lower Upper
136 100
137 12.7 9.0 13.6
54 11.5 6.8 10.2
68 9.4 5.0 7.6#

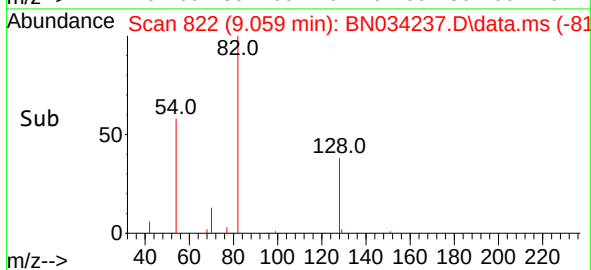
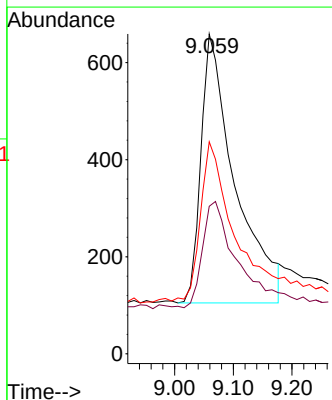
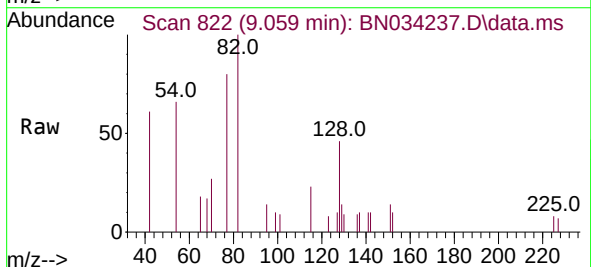
Manual Integrations
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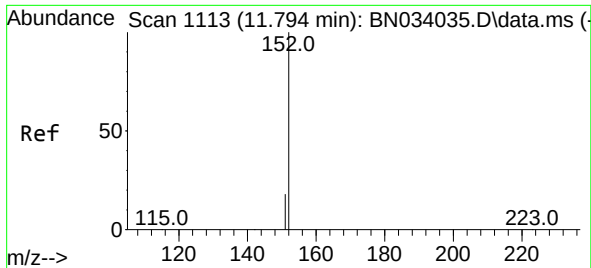
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 9.059 min Scan# 822
Delta R.T. -0.064 min
Lab File: BN034237.D
Acq: 25 Sep 2024 22:35

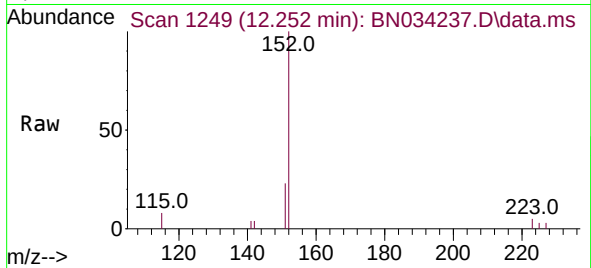
Tgt Ion: 82 Resp: 2230
Ion Ratio Lower Upper
82 100
128 46.1 31.4 47.2
54 66.3 47.4 71.0





#11
2-Methylnaphthalene-d10
Concen: 0.303 ng
RT: 12.252 min Scan# 1518
Delta R.T. -0.072 min
Lab File: BN034237.D
Acq: 25 Sep 2024 22:35

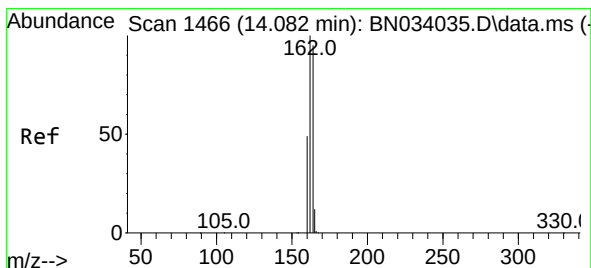
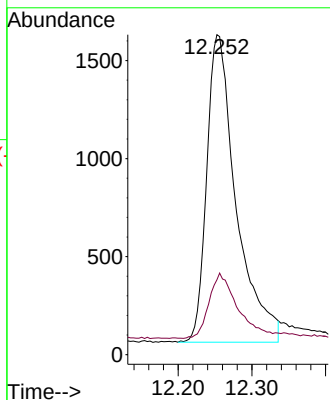
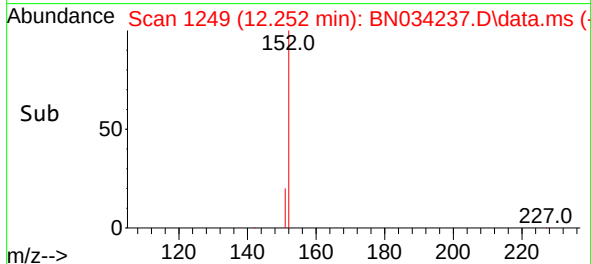
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ClientSampleId :
RE139D2-20240920



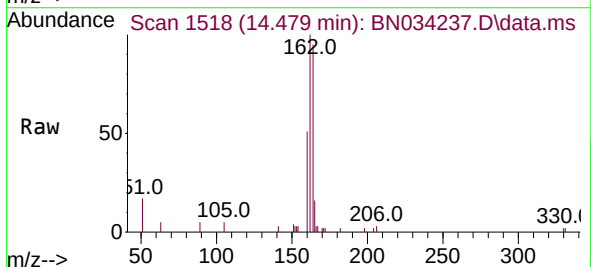
Tgt Ion:152 Resp: 434
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2

Manual Integrations
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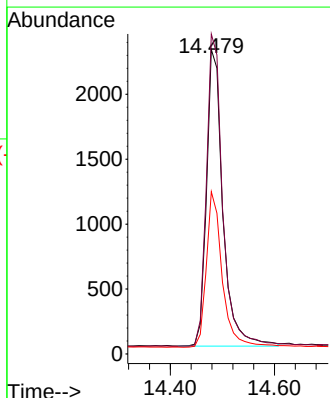
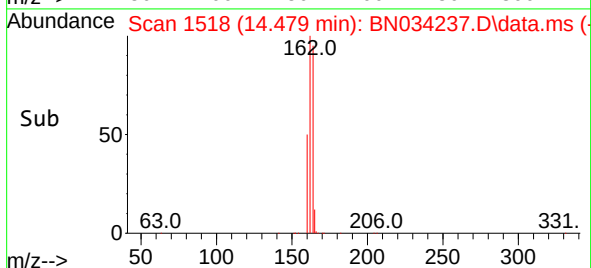
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024

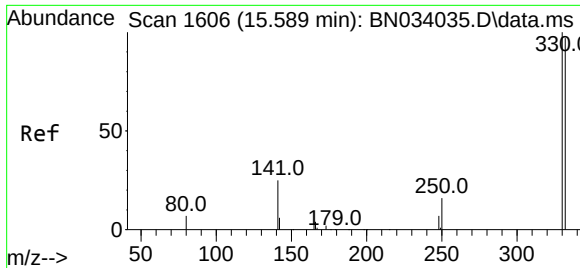


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.479 min Scan# 1518
Delta R.T. -0.064 min
Lab File: BN034237.D
Acq: 25 Sep 2024 22:35



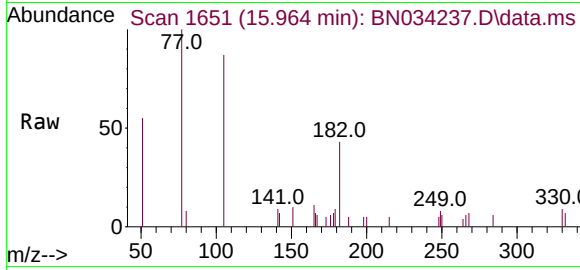
Tgt Ion:164 Resp: 4984
Ion Ratio Lower Upper
164 100
162 105.1 84.2 126.2
160 53.3 41.7 62.5





#14
2,4,6-Tribromophenol
Concen: 0.050 ng
RT: 15.964 min Scan# 11
Delta R.T. -0.062 min
Lab File: BN034237.D
Acq: 25 Sep 2024 22:35

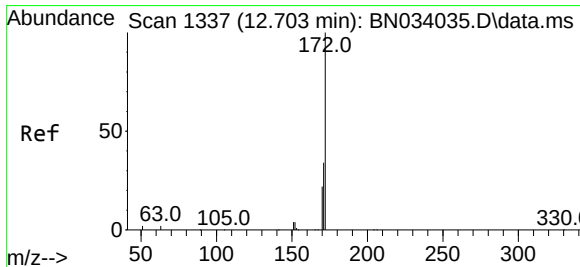
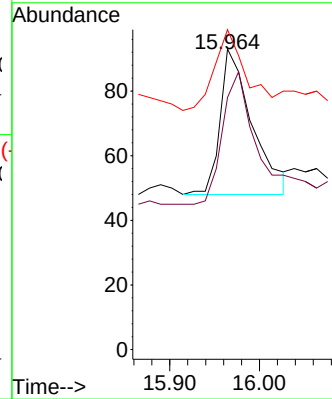
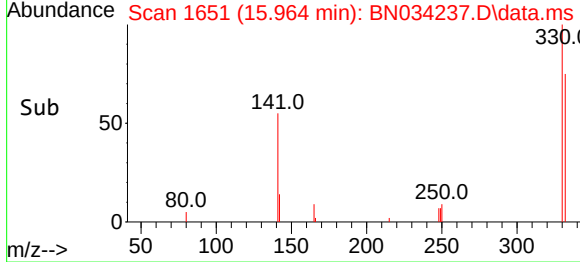
Instrument :
BNA_N
ClientSampleId :
RE139D2-20240920



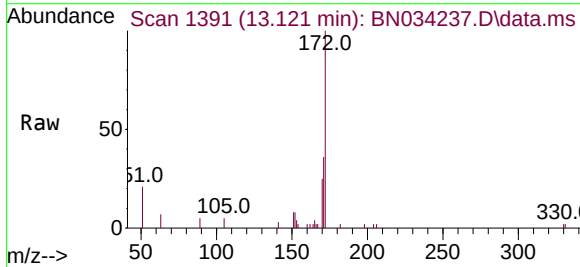
Tgt Ion:330 Resp: 11
Ion Ratio Lower Upper
330 100
332 104.5 77.4 116.0
141 54.5 35.9 53.9

Manual Integrations
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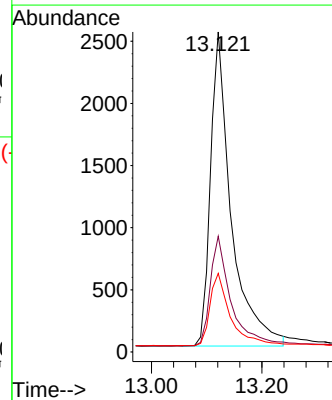
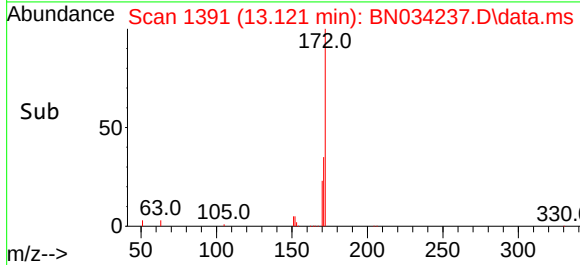
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024

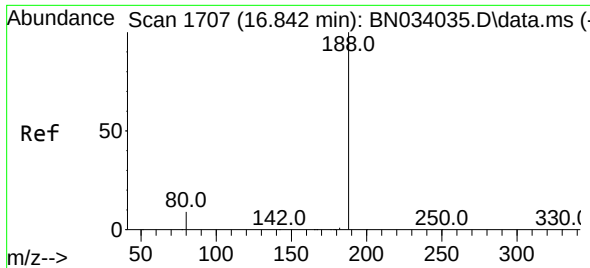


#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 13.121 min Scan# 1391
Delta R.T. -0.064 min
Lab File: BN034237.D
Acq: 25 Sep 2024 22:35



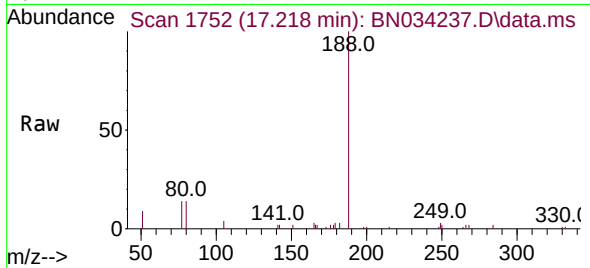
Tgt Ion:172 Resp: 6618
Ion Ratio Lower Upper
172 100
171 36.2 27.3 40.9
170 24.6 18.1 27.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.218 min Scan# 111
Delta R.T. -0.062 min
Lab File: BN034237.D
Acq: 25 Sep 2024 22:35

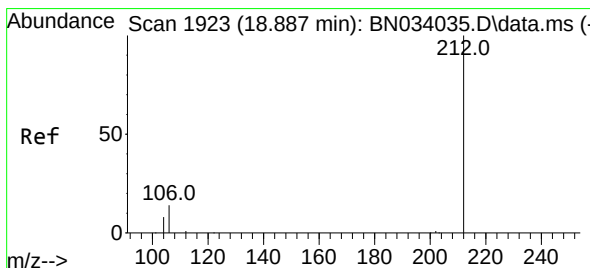
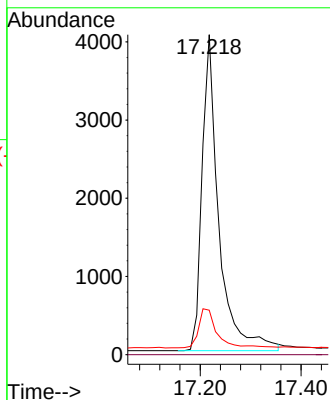
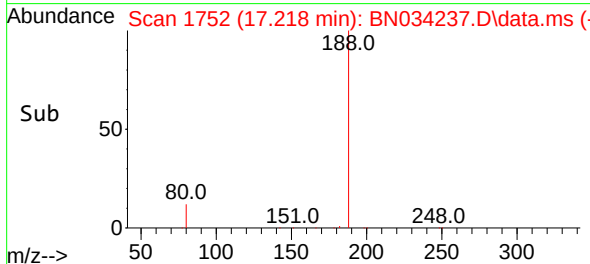
Instrument :
BNA_N
ClientSampleId :
RE139D2-20240920



Tgt Ion:188 Resp: 9318
Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 13.9 7.4 11.0

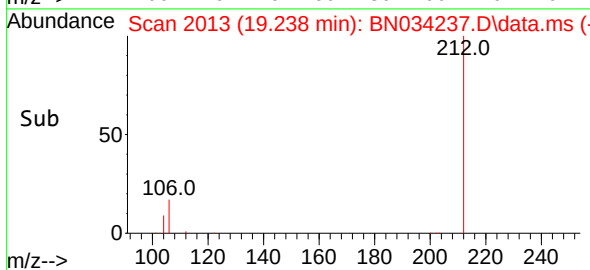
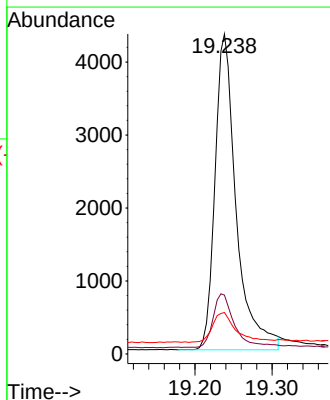
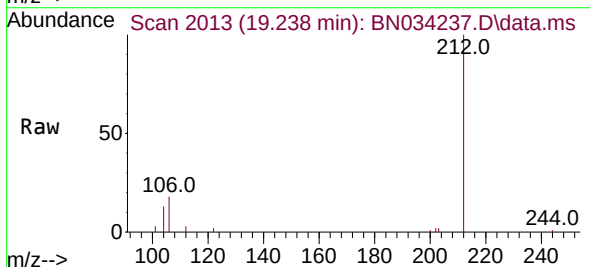
Manual Integrations
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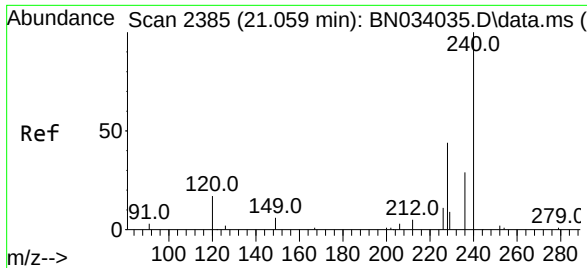
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



#27
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.238 min Scan# 2013
Delta R.T. -0.056 min
Lab File: BN034237.D
Acq: 25 Sep 2024 22:35

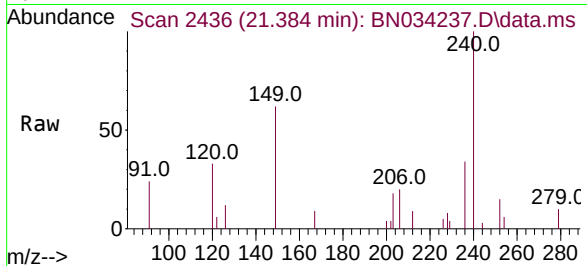
Tgt Ion:212 Resp: 8271
Ion Ratio Lower Upper
212 100
106 16.9 13.4 20.2
104 10.6 7.8 11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 2436
Delta R.T. -0.054 min
Lab File: BN034237.D
Acq: 25 Sep 2024 22:35

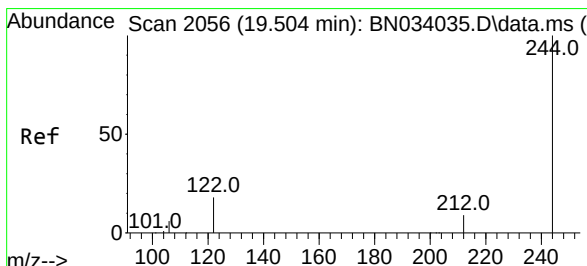
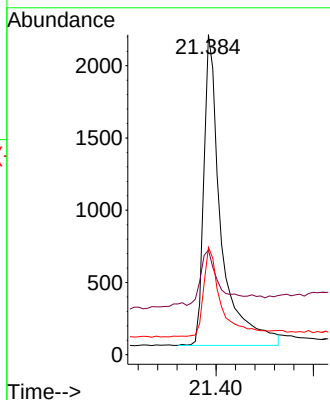
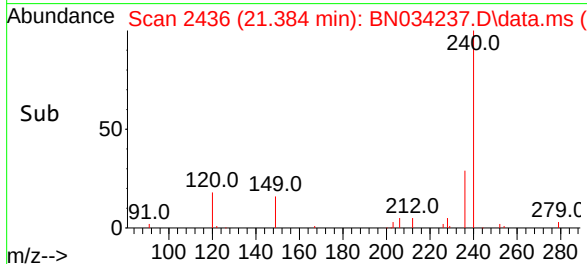
Instrument :
BNA_N
ClientSampleId :
RE139D2-20240920



Tgt Ion:240 Resp: 5309
Ion Ratio Lower Upper
240 100
120 32.7 13.5 20.3
236 33.5 23.4 35.0

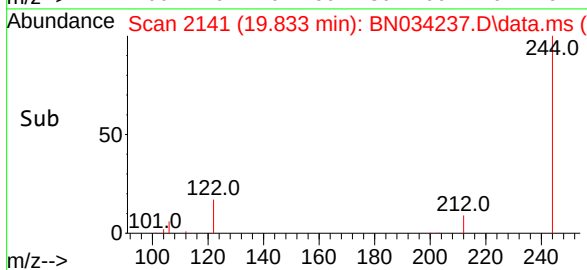
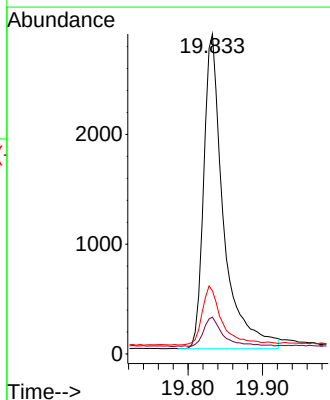
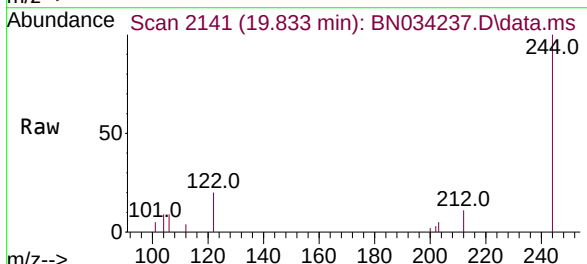
Manual Integrations
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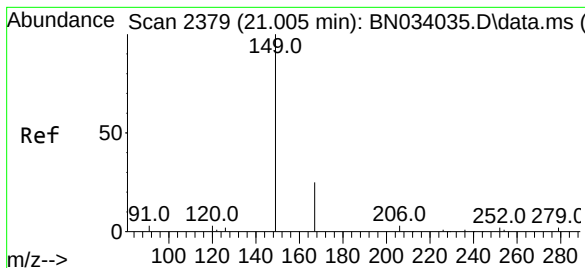
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



#31
Terphenyl-d14
Concen: 0.499 ng
RT: 19.833 min Scan# 2141
Delta R.T. -0.056 min
Lab File: BN034237.D
Acq: 25 Sep 2024 22:35

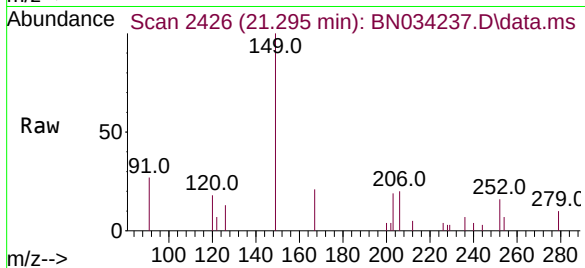
Tgt Ion:244 Resp: 5291
Ion Ratio Lower Upper
244 100
212 11.5 7.8 11.6
122 19.8 14.8 22.2





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.161 ng
 RT: 21.295 min Scan# 2426
 Delta R.T. -0.045 min
 Lab File: BN034237.D
 Acq: 25 Sep 2024 22:35

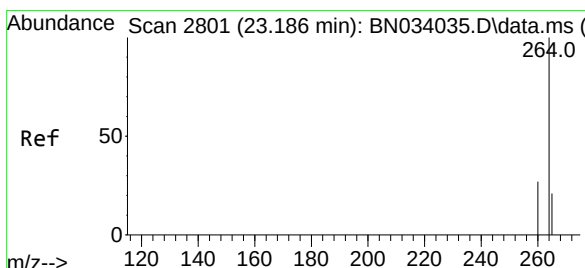
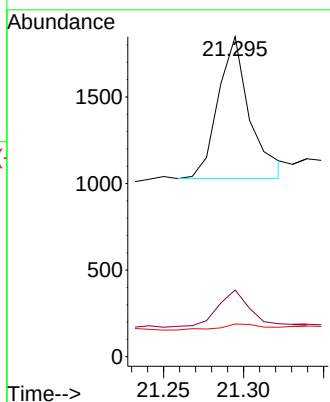
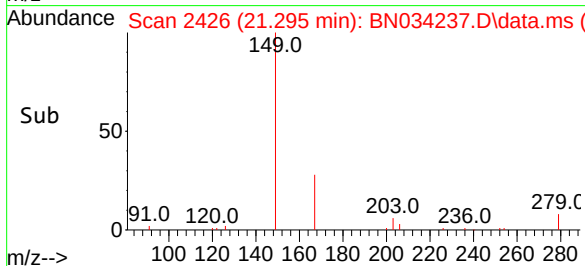
Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20240920



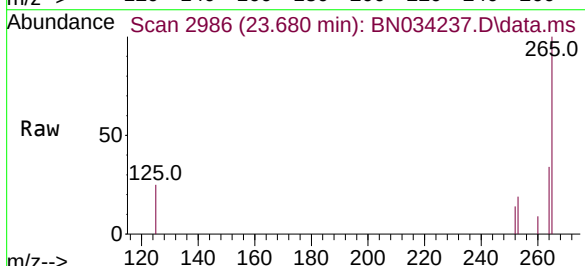
Tgt Ion:149 Resp: 112
 Ion Ratio Lower Upper
 149 100
 167 27.3 19.9 29.9
 279 6.1 4.6 6.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2024
 Supervised By :mohammad ahmed 09/26/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.680 min Scan# 2986
 Delta R.T. -0.088 min
 Lab File: BN034237.D
 Acq: 25 Sep 2024 22:35



Tgt Ion:264 Resp: 4271
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.7 32.5
 265 295.9 52.1 78.1#

