

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
 Data File : BN034163.D
 Acq On : 23 Sep 2024 13:06
 Operator : JU/RC
 Sample : P4116-14DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20240917DL

Quant Time: Sep 23 14:08:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	5259	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	14628	0.400	ng	#-0.02
13) Acenaphthene-d10	14.069	164	8919	0.400	ng	-0.01
19) Phenanthrene-d10	16.828	188	18173	0.400	ng	#-0.01
29) Chrysene-d12	21.051	240	11552	0.400	ng	0.00
35) Perylene-d12	23.169	264	9302	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.062	112	462	0.031	ng	-0.01
5) Phenol-d6	6.629	99	248	0.014	ng	0.00
8) Nitrobenzene-d5	8.579	82	717	0.064	ng	0.00
11) 2-Methylnaphthalene-d10	11.788	152	1721	0.080	ng	0.00
14) 2,4,6-Tribromophenol	15.587	330	197	0.049	ng	0.00
15) 2-Fluorobiphenyl	12.690	172	3156m	0.087	ng	-0.01
27) Fluoranthene-d10	18.874	212	4235	0.092	ng	-0.01
31) Terphenyl-d14	19.491	244	2710	0.117	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.068	88	13788	2.097	ng	# 84

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

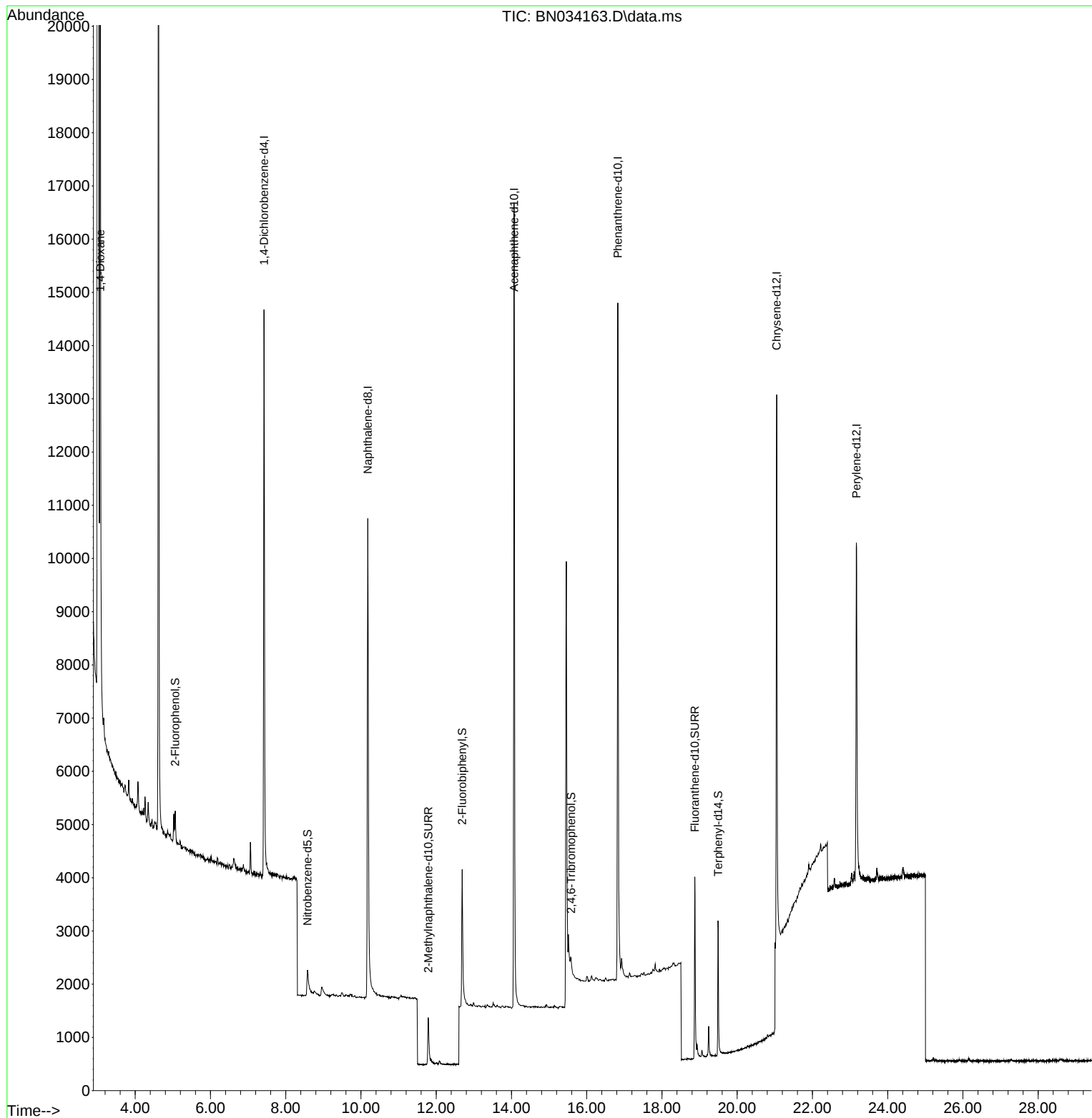
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092324\
Data File : BN034163.D
Acq On : 23 Sep 2024 13:06
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Quant Time: Sep 23 14:08:42 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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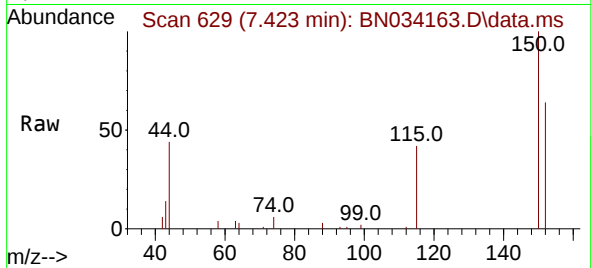
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.423 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034163.D
Acq: 23 Sep 2024 13:06

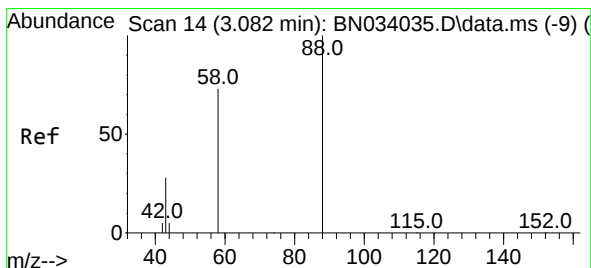
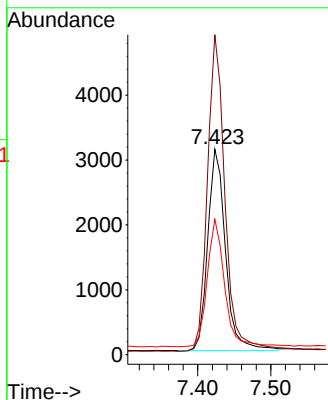
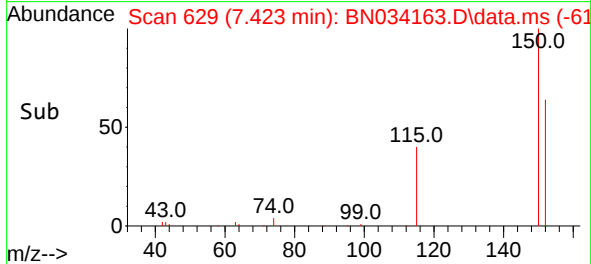
Instrument :
BNA_N
ClientSampleId :
RE125D2-20240917DL



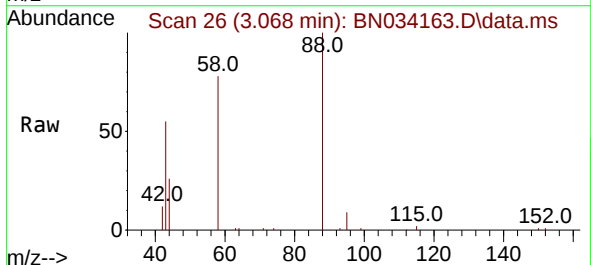
Tgt Ion:152 Resp: 5259
Ion Ratio Lower Upper
152 100
150 155.7 124.6 187.0
115 65.8 50.0 75.0

Manual Integrations
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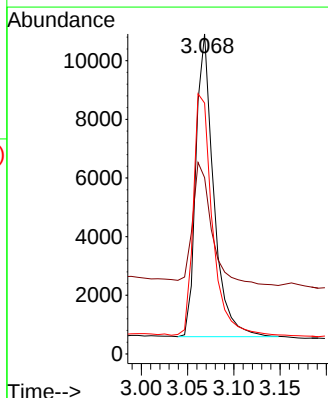
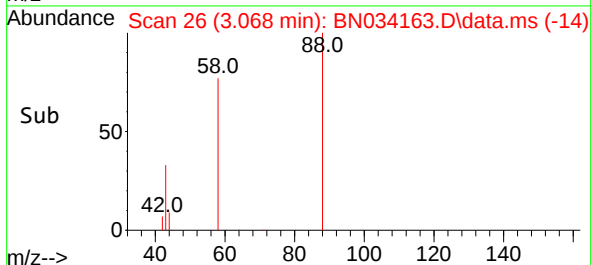
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#2
1,4-Dioxane
Concen: 2.097 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034163.D
Acq: 23 Sep 2024 13:06



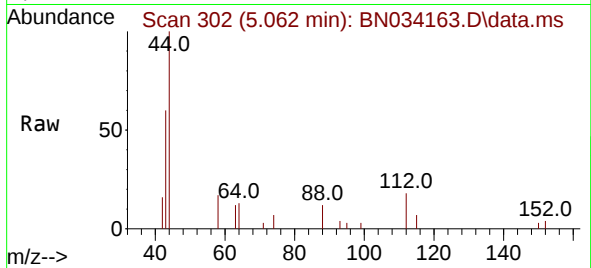
Tgt Ion: 88 Resp: 13788
Ion Ratio Lower Upper
88 100
43 44.0 25.8 38.8#
58 85.6 58.8 88.2





#4
2-Fluorophenol
Concen: 0.031 ng
RT: 5.062 min Scan# 302
Delta R.T. -0.013 min
Lab File: BN034163.D
Acq: 23 Sep 2024 13:06

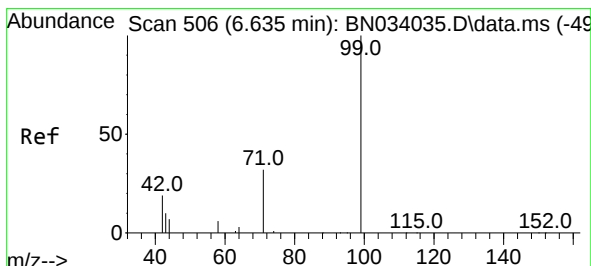
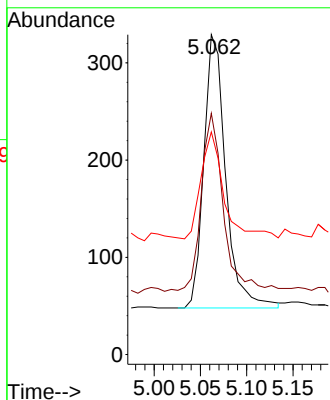
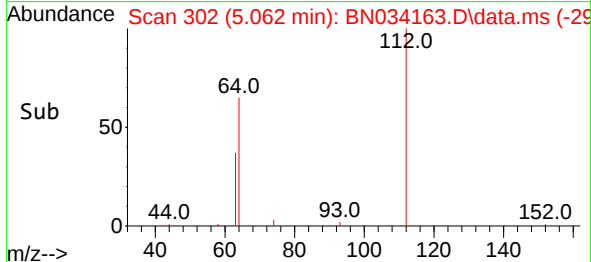
Instrument :
BNA_N
ClientSampleId :
RE125D2-20240917DL



Tgt Ion: 112 Resp: 462
Ion Ratio Lower Upper
112 100
64 66.5 48.6 72.8
63 41.6 25.6 38.4

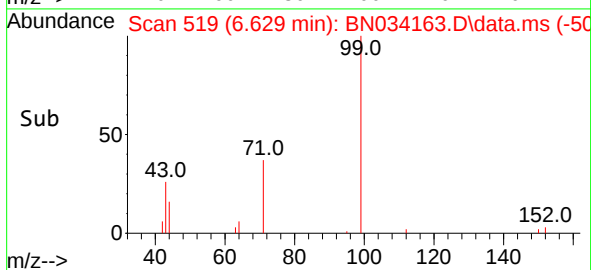
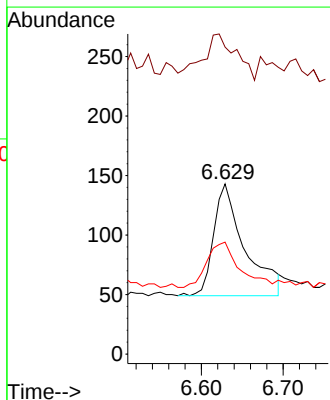
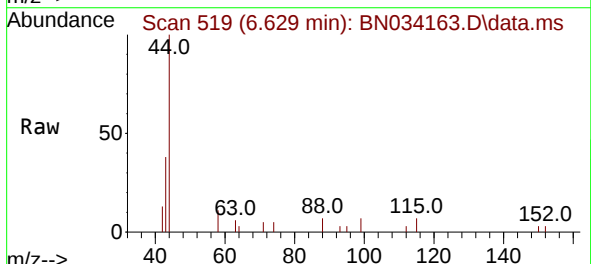
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Supervised By :mohammad ahmed 09/25/2024



#5
Phenol-d6
Concen: 0.014 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034163.D
Acq: 23 Sep 2024 13:06

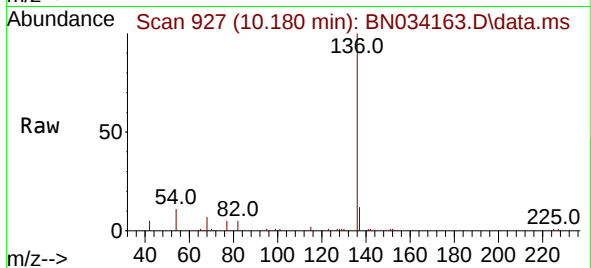
Tgt Ion: 99 Resp: 248
Ion Ratio Lower Upper
99 100
42 44.8 17.8 26.8#
71 42.3 26.2 39.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 915
Delta R.T. -0.017 min
Lab File: BN034163.D
Acq: 23 Sep 2024 13:06

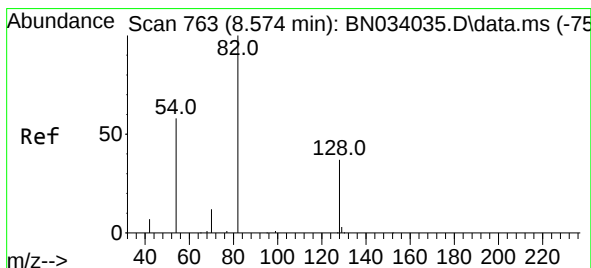
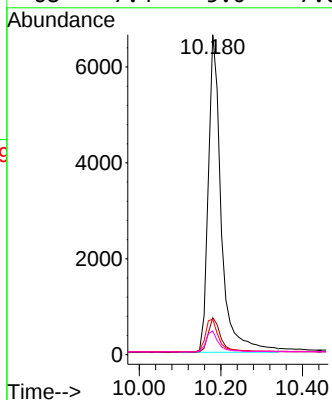
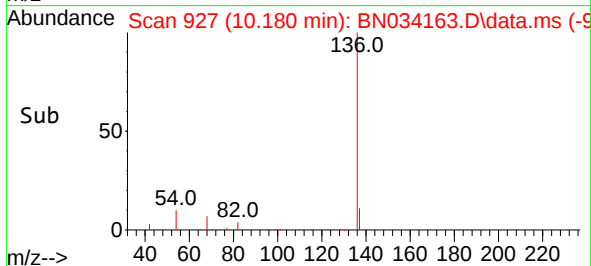
Instrument :
BNA_N
ClientSampleId :
RE125D2-20240917DL



Tgt Ion:136 Resp: 14628
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 11.1 6.8 10.2
68 7.4 5.0 7.6

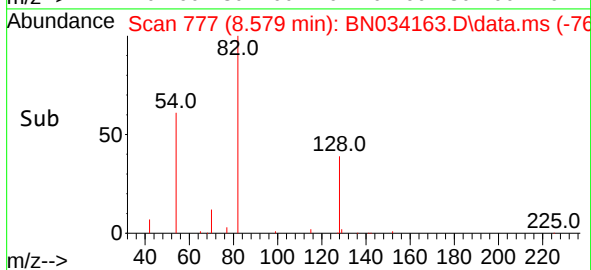
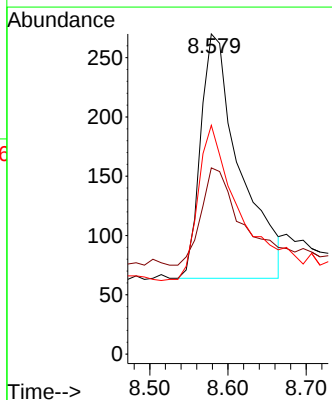
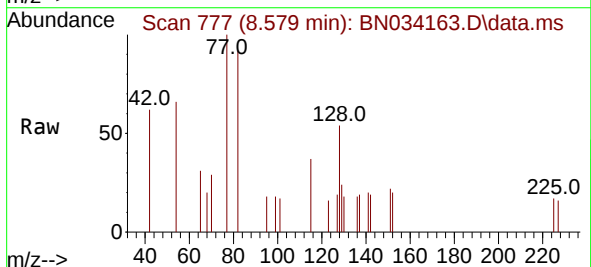
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#8
Nitrobenzene-d5
Concen: 0.064 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034163.D
Acq: 23 Sep 2024 13:06

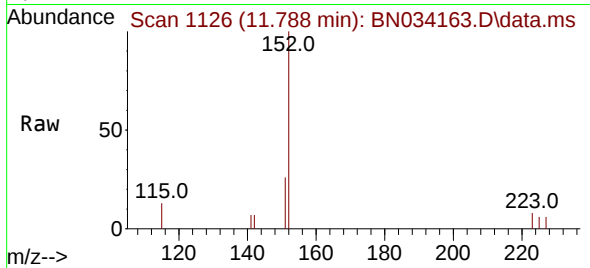
Tgt Ion: 82 Resp: 717
Ion Ratio Lower Upper
82 100
128 58.1 31.4 47.2#
54 71.5 47.4 71.0#





#11
2-Methylnaphthalene-d10
Concen: 0.080 ng
RT: 11.788 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BN034163.D
Acq: 23 Sep 2024 13:06

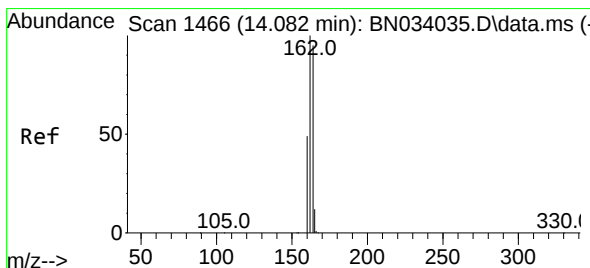
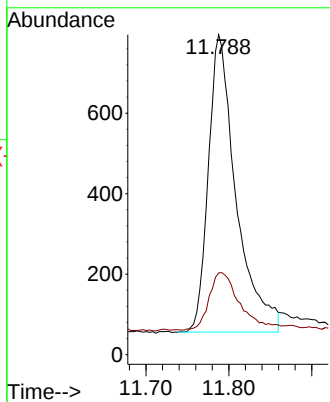
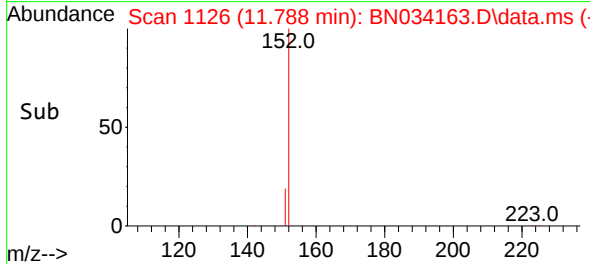
Instrument :
BNA_N
ClientSampleId :
RE125D2-20240917DL



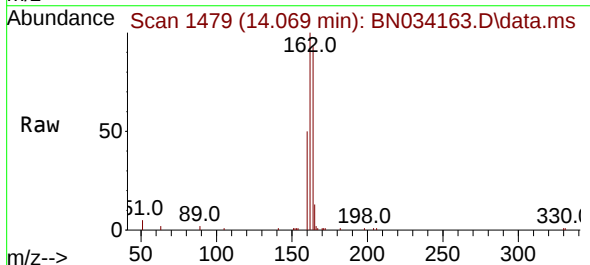
Tgt Ion:152 Resp: 172
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2

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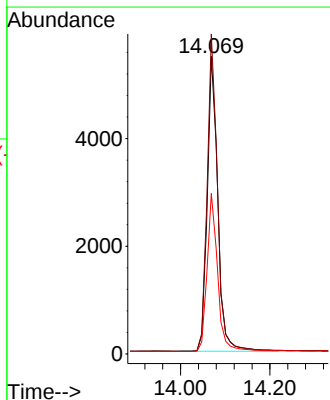
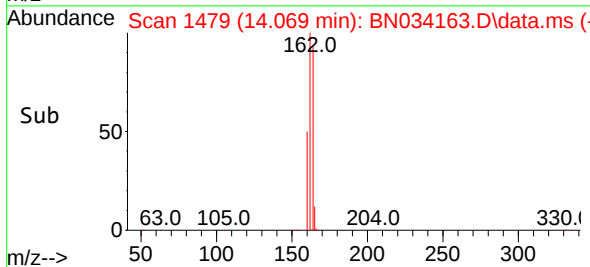
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

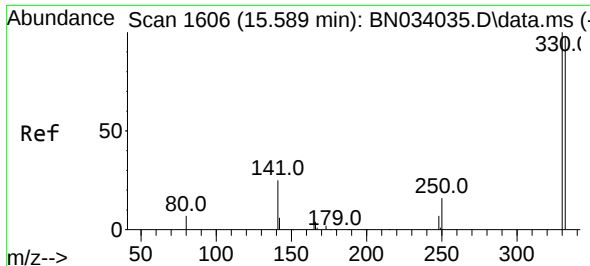


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.069 min Scan# 1479
Delta R.T. -0.013 min
Lab File: BN034163.D
Acq: 23 Sep 2024 13:06



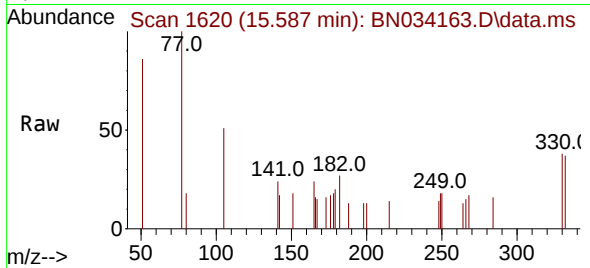
Tgt Ion:164 Resp: 8919
Ion Ratio Lower Upper
164 100
162 107.6 84.2 126.2
160 54.0 41.7 62.5





#14
2,4,6-Tribromophenol
Concen: 0.049 ng
RT: 15.587 min Scan# 10
Delta R.T. -0.002 min
Lab File: BN034163.D
Acq: 23 Sep 2024 13:06

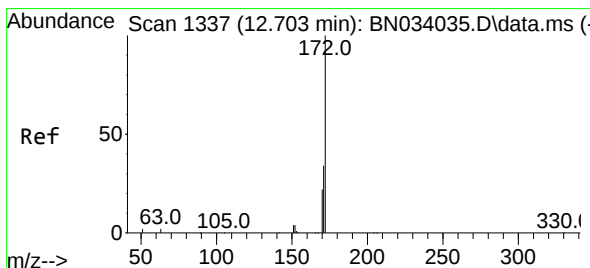
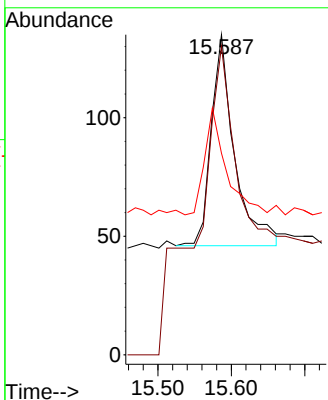
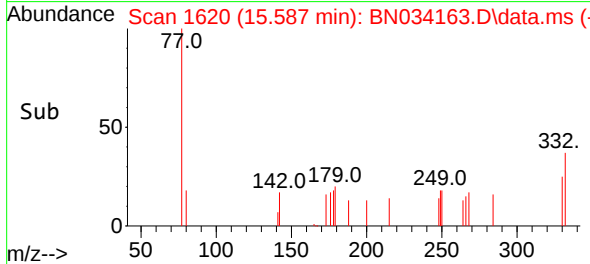
Instrument :
BNA_N
ClientSampleId :
RE125D2-20240917DL



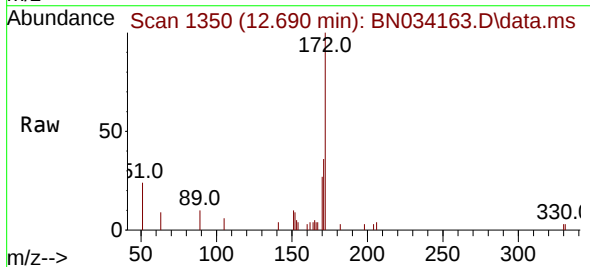
Tgt Ion:330 Resp: 197
Ion Ratio Lower Upper
330 100
332 314.7 77.4 116.0
141 48.2 35.9 53.9

Manual Integrations
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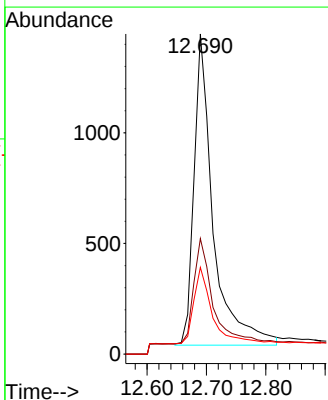
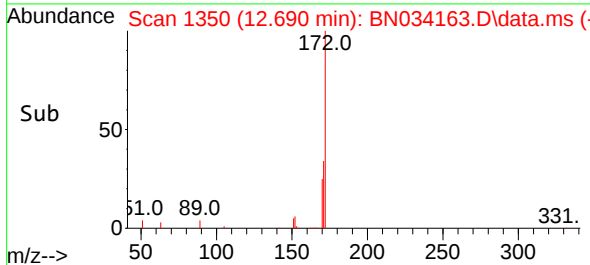
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024

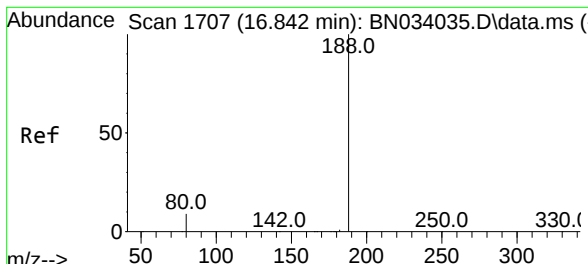


#15
2-Fluorobiphenyl
Concen: 0.087 ng m
RT: 12.690 min Scan# 1350
Delta R.T. -0.013 min
Lab File: BN034163.D
Acq: 23 Sep 2024 13:06



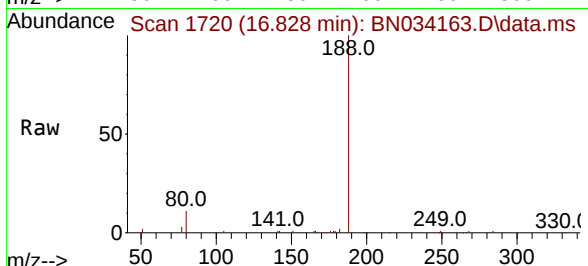
Tgt Ion:172 Resp: 3156
Ion Ratio Lower Upper
172 100
171 36.1 27.3 40.9
170 27.1 18.1 27.1





#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.828 min Scan# 11
 Delta R.T. -0.015 min
 Lab File: BN034163.D
 Acq: 23 Sep 2024 13:06

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20240917DL

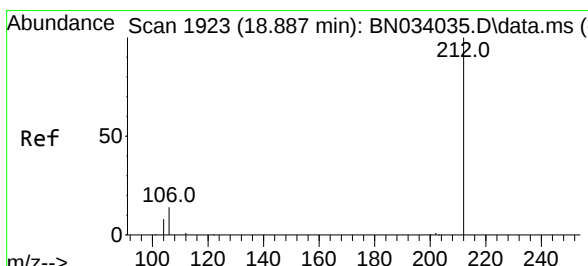
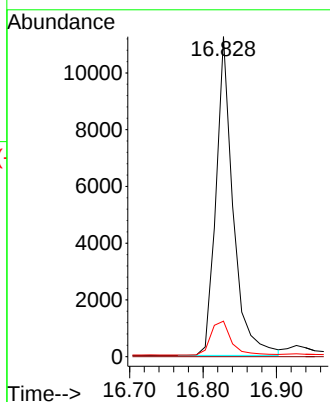
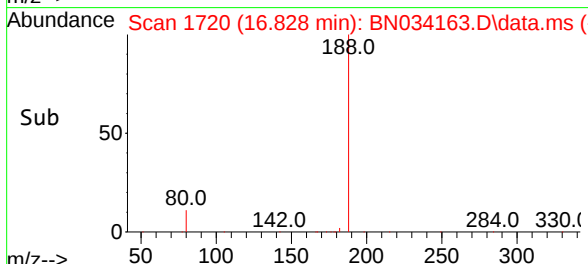


Tgt Ion:188 Resp: 1817

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	7.4	11.0

Manual Integrations
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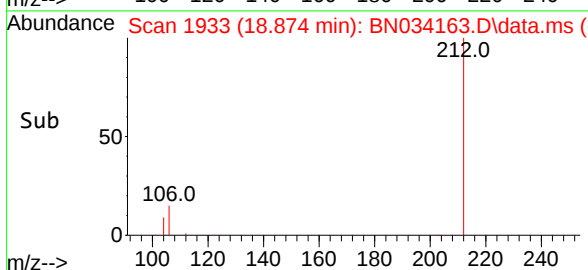
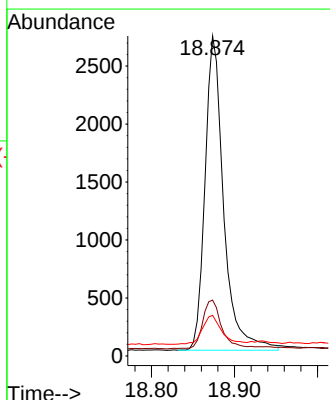
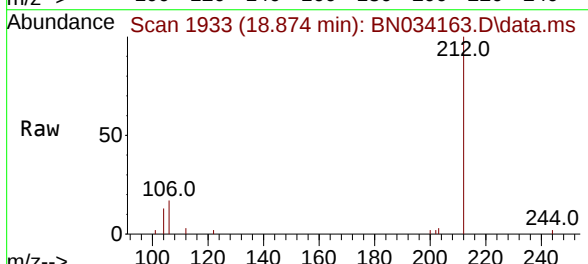
Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024

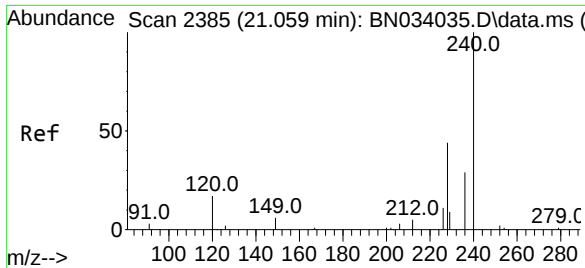


#27
 Fluoranthene-d10
 Concen: 0.092 ng
 RT: 18.874 min Scan# 1933
 Delta R.T. -0.013 min
 Lab File: BN034163.D
 Acq: 23 Sep 2024 13:06

Tgt Ion:212 Resp: 4235

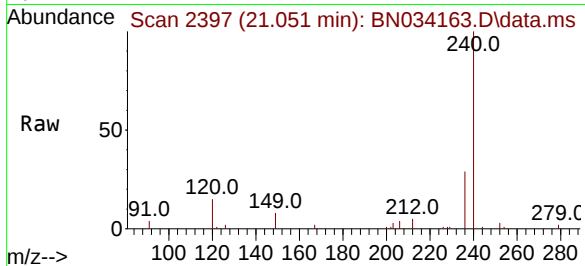
Ion	Ratio	Lower	Upper
212	100		
106	16.7	13.4	20.2
104	9.5	7.8	11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.051 min Scan# 2105
Delta R.T. -0.008 min
Lab File: BN034163.D
Acq: 23 Sep 2024 13:06

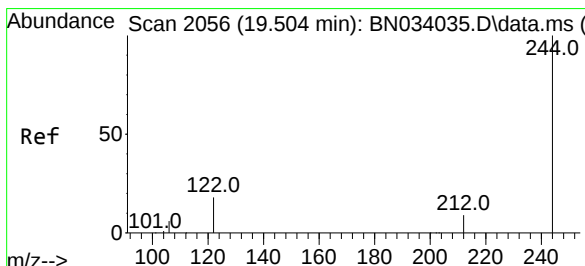
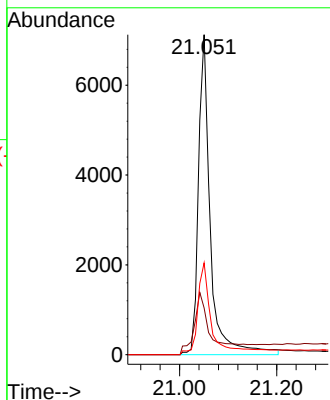
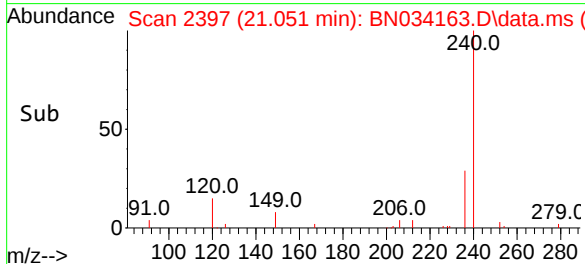
Instrument :
BNA_N
ClientSampleId :
RE125D2-20240917DL



Tgt Ion:240 Resp: 11552
Ion Ratio Lower Upper
240 100
120 14.6 13.5 20.3
236 28.7 23.4 35.0

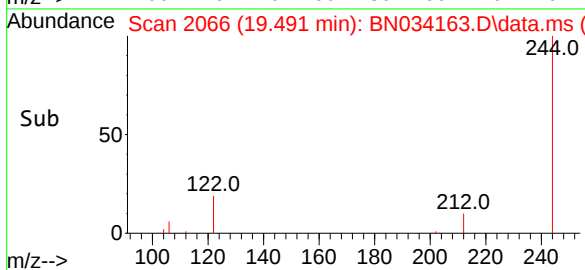
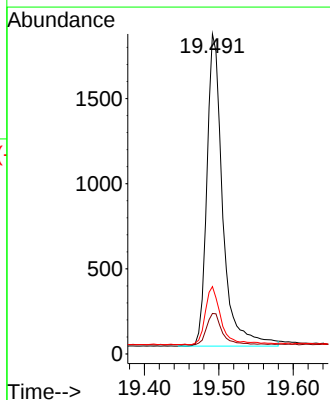
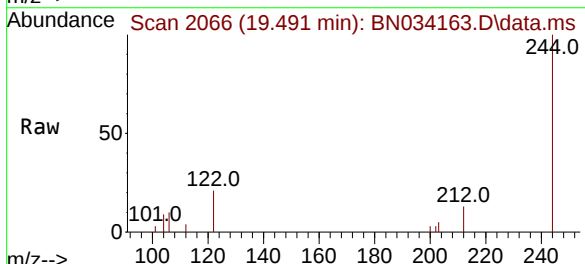
Manual Integrations
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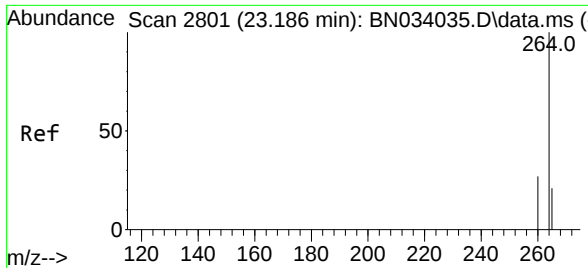
Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/25/2024



#31
Terphenyl-d14
Concen: 0.117 ng
RT: 19.491 min Scan# 2066
Delta R.T. -0.013 min
Lab File: BN034163.D
Acq: 23 Sep 2024 13:06

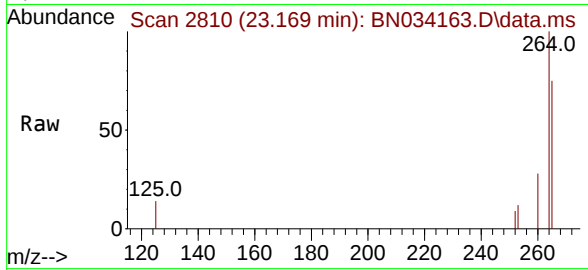
Tgt Ion:244 Resp: 2710
Ion Ratio Lower Upper
244 100
212 12.7 7.8 11.6#
122 21.1 14.8 22.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.169 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN034163.D
Acq: 23 Sep 2024 13:06

Instrument :
BNA_N
ClientSampleId :
RE125D2-20240917DL



Tgt Ion:264 Resp: 9302
Ion Ratio Lower Upper
264 100
260 27.6 21.7 32.5
265 74.5 52.1 78.1

Manual Integrations
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