

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
 Data File : BN034525.D
 Acq On : 10 Oct 2024 17:31
 Operator : RC/JU
 Sample : P4263-07
 Misc :
 ALS Vial : 101 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT188S1-20240930

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2024
 Supervised By :mohammad ahmed 10/14/2024

Quant Time: Oct 10 18:03:06 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 14:44:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	4207	0.400	ng	-0.02
7) Naphthalene-d8	10.127	136	11561	0.400	ng	#-0.02
13) Acenaphthene-d10	14.026	164	6606	0.400	ng	-0.02
19) Phenanthrene-d10	16.790	188	12259	0.400	ng	-0.01
29) Chrysene-d12	21.006	240	7970	0.400	ng	0.00
35) Perylene-d12	23.117	264	10230	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	1917	0.161	ng	-0.01
5) Phenol-d6	6.593	99	1134m	0.082	ng	0.00
8) Nitrobenzene-d5	8.525	82	2408	0.272	ng	-0.01
11) 2-Methylnaphthalene-d10	11.731	152	5667	0.332	ng	-0.02
14) 2,4,6-Tribromophenol	15.537	330	879	0.294	ng	-0.01
15) 2-Fluorobiphenyl	12.636	172	8229	0.306	ng	-0.02
27) Fluoranthene-d10	18.832	212	12673	0.410	ng	-0.01
31) Terphenyl-d14	19.450	244	9755	0.613	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.025	88	730	0.139	ng	Qvalue # 27

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

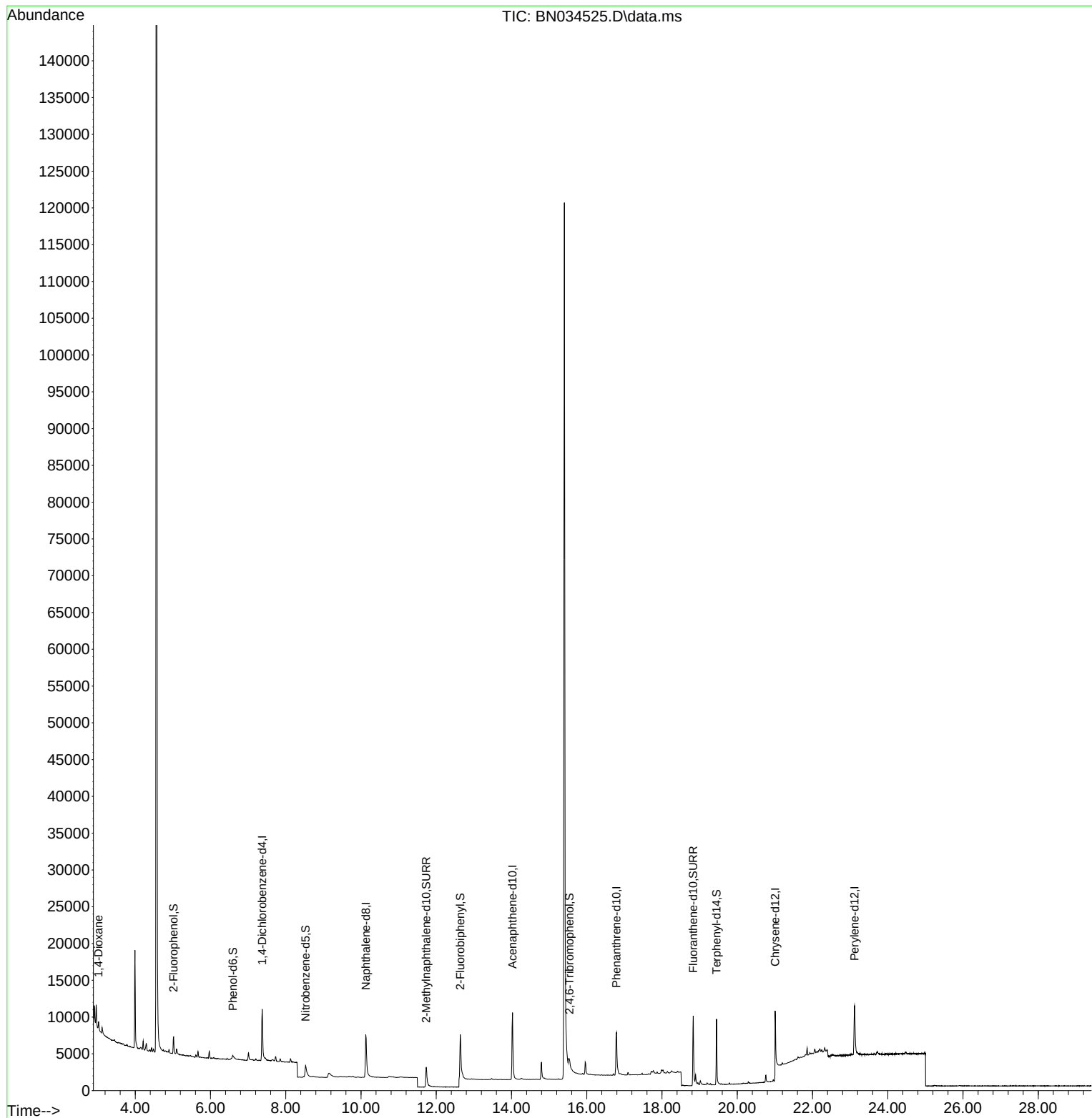
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
Data File : BN034525.D
Acq On : 10 Oct 2024 17:31
Operator : RC/JU
Sample : P4263-07
Misc :
ALS Vial : 101 Sample Multiplier: 1

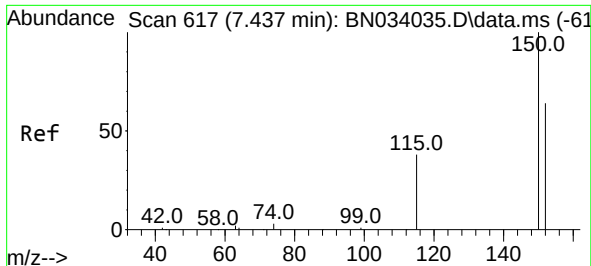
Instrument :
BNA_N
ClientSampleId :
TT188S1-20240930

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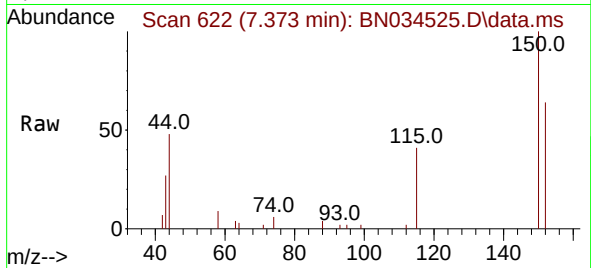
Quant Time: Oct 10 18:03:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.373 min Scan# 61
 Delta R.T. -0.021 min
 Lab File: BN034525.D
 Acq: 10 Oct 2024 17:31

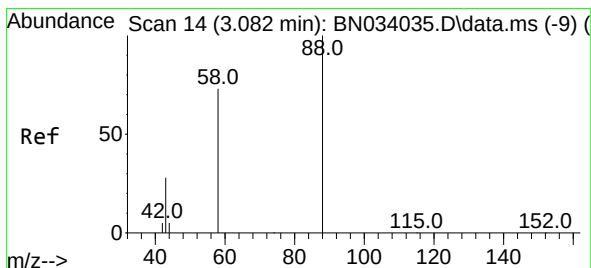
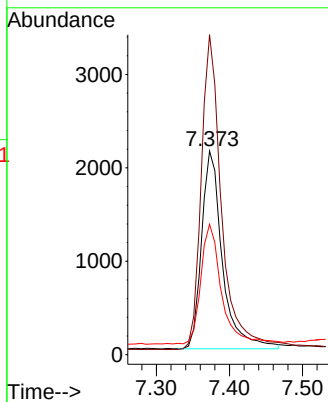
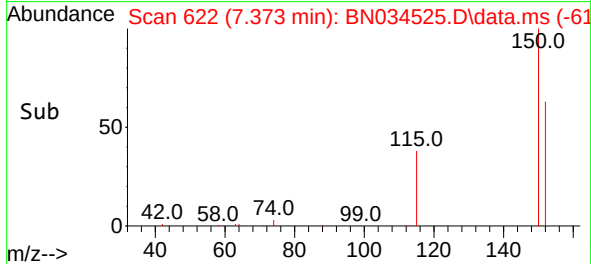
Instrument :
 BNA_N
 ClientSampleId :
 TT188S1-20240930



Tgt Ion:152 Resp: 420
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.6 187.0
 115 64.0 50.0 75.0

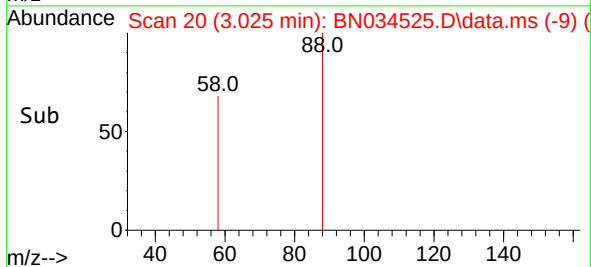
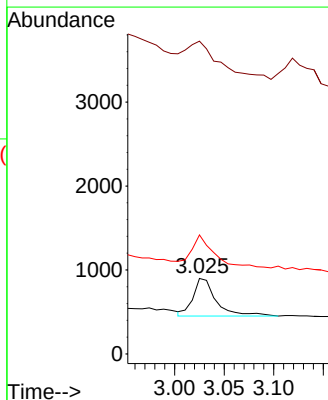
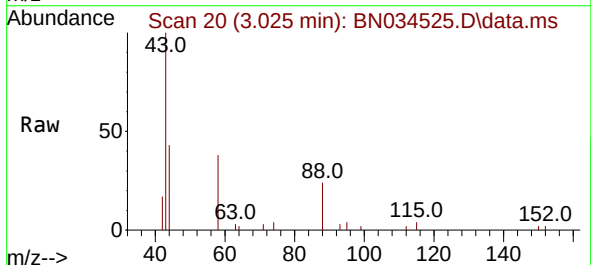
Manual Integrations
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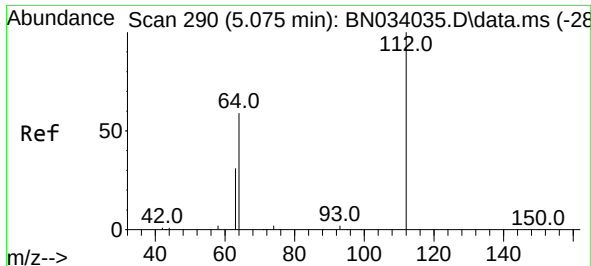
Reviewed By :Jagrut Upadhyay 10/11/2024
 Supervised By :mohammad ahmed 10/14/2024



#2
 1,4-Dioxane
 Concen: 0.139 ng
 RT: 3.025 min Scan# 20
 Delta R.T. -0.022 min
 Lab File: BN034525.D
 Acq: 10 Oct 2024 17:31

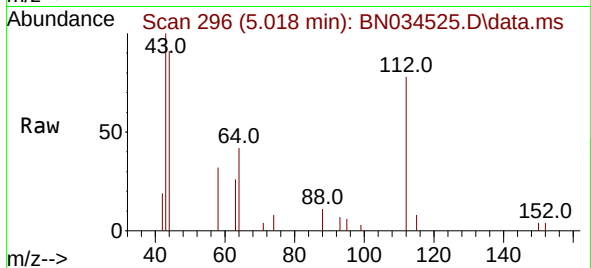
Tgt Ion: 88 Resp: 730
 Ion Ratio Lower Upper
 88 100
 43 147.4 25.8 38.8#
 58 85.9 58.8 88.2





#4
2-Fluorophenol
Concen: 0.161 ng
RT: 5.018 min Scan# 290
Delta R.T. -0.014 min
Lab File: BN034525.D
Acq: 10 Oct 2024 17:31

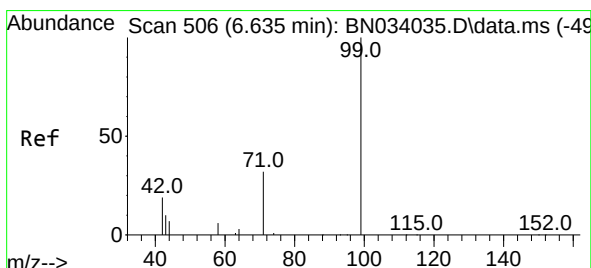
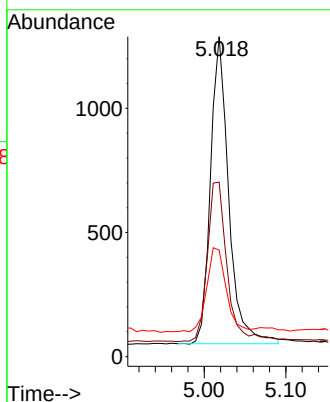
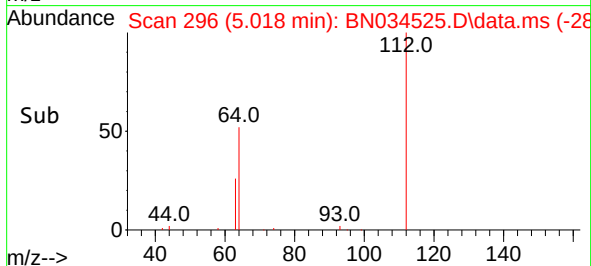
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:112 Resp: 191
Ion Ratio Lower Upper
112 100
64 56.7 48.6 72.8
63 29.0 25.6 38.4

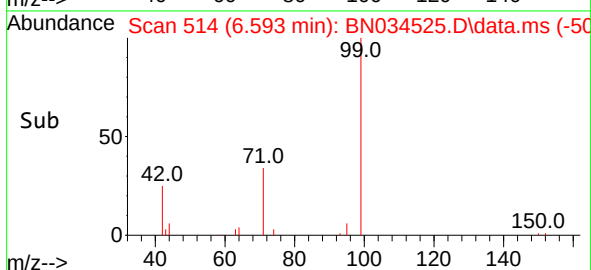
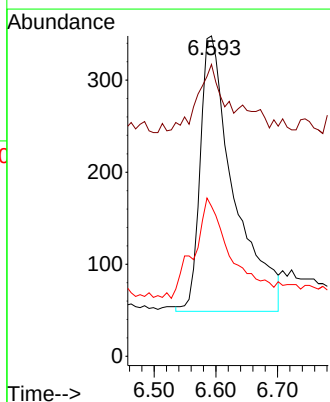
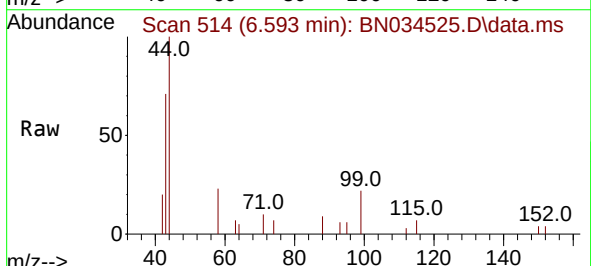
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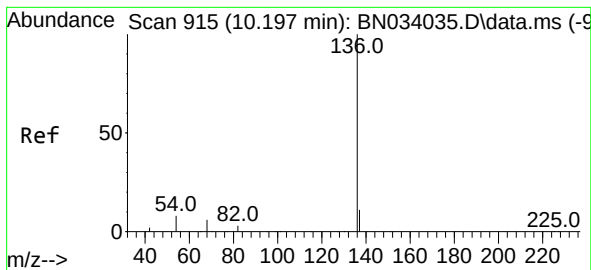
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#5
Phenol-d6
Concen: 0.082 ng m
RT: 6.593 min Scan# 514
Delta R.T. -0.007 min
Lab File: BN034525.D
Acq: 10 Oct 2024 17:31

Tgt Ion: 99 Resp: 1134
Ion Ratio Lower Upper
99 100
42 17.3 17.8 26.8#
71 34.9 26.2 39.2





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.127 min Scan# 915

Delta R.T. -0.021 min

Lab File: BN034525.D

Acq: 10 Oct 2024 17:31

Instrument :

BNA_N

ClientSampleId :

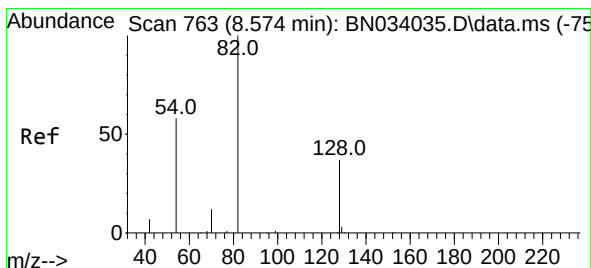
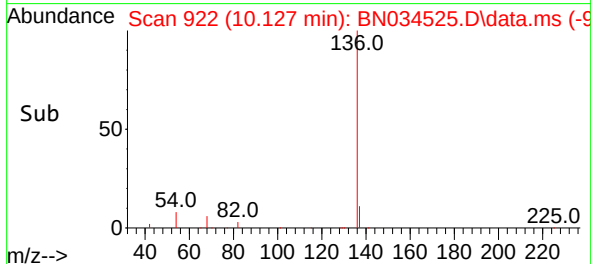
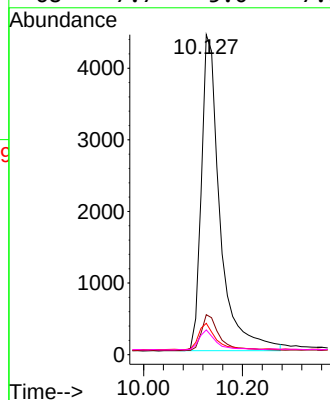
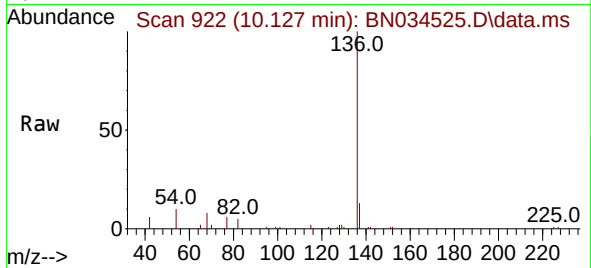
TT188S1-20240930

Tgt Ion:	136	Resp:	1156
Ion Ratio	Lower	Upper	
136	100		
137	12.5	9.0	13.6
54	9.8	6.8	10.2
68	7.7	5.0	7.6

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Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#8

Nitrobenzene-d5

Concen: 0.272 ng

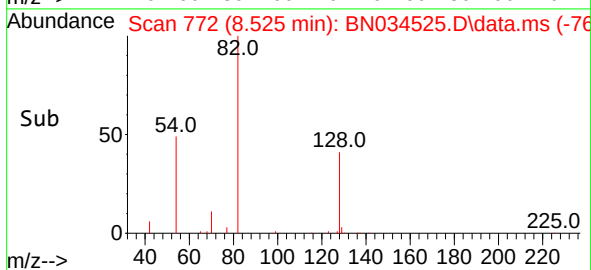
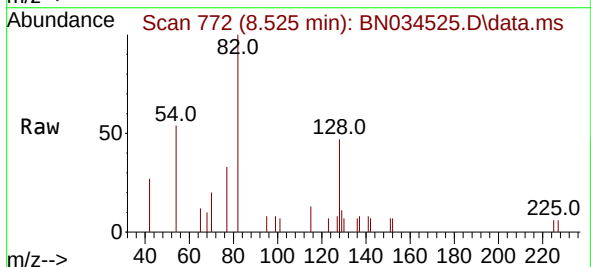
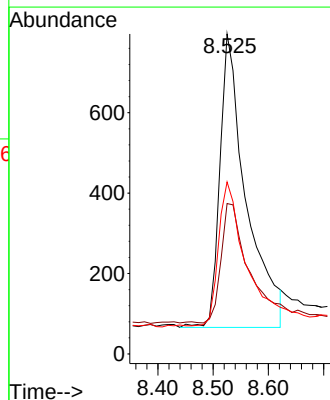
RT: 8.525 min Scan# 772

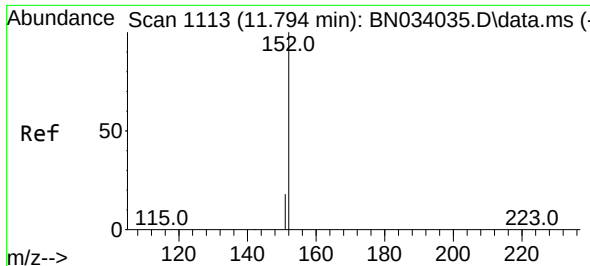
Delta R.T. -0.011 min

Lab File: BN034525.D

Acq: 10 Oct 2024 17:31

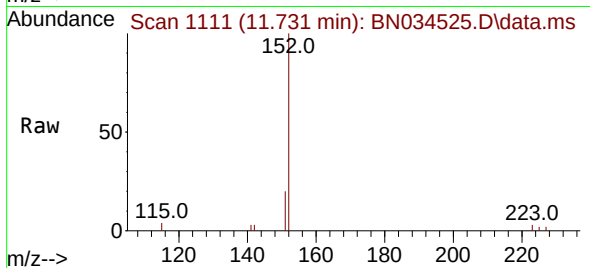
Tgt Ion:	82	Resp:	2408
Ion Ratio	Lower	Upper	
82	100		
128	47.0	31.4	47.2
54	53.8	47.4	71.0





#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 11.731 min Scan# 1111
Delta R.T. -0.022 min
Lab File: BN034525.D
Acq: 10 Oct 2024 17:31

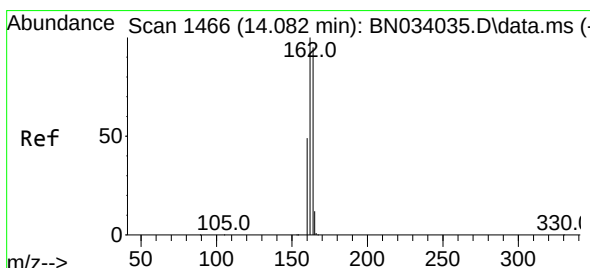
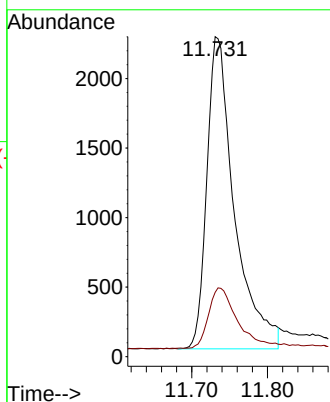
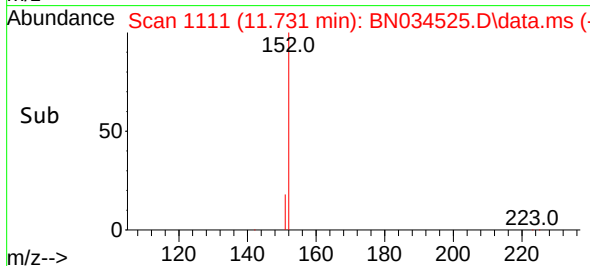
Instrument :
BNA_N
ClientSampleId :
TT188S1-20240930



Tgt Ion:152 Resp: 566
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2

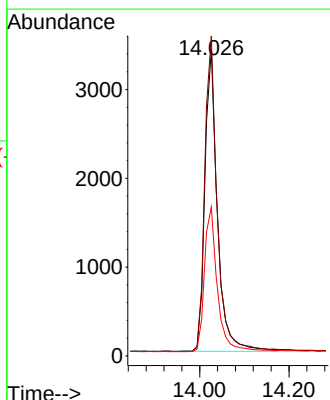
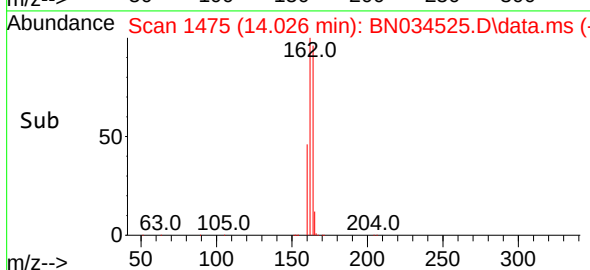
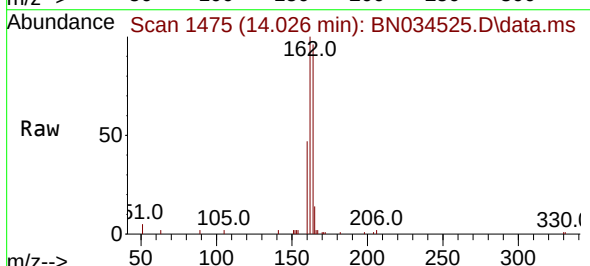
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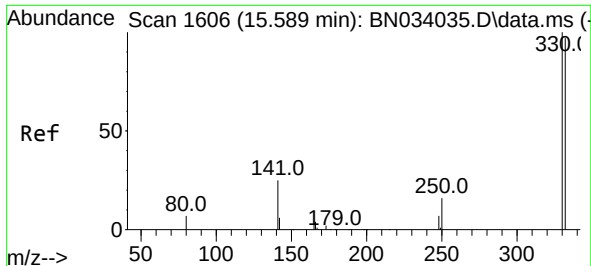
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.026 min Scan# 1475
Delta R.T. -0.021 min
Lab File: BN034525.D
Acq: 10 Oct 2024 17:31

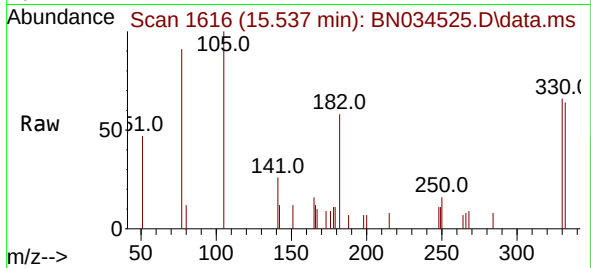
Tgt Ion:164 Resp: 6606
Ion Ratio Lower Upper
164 100
162 104.4 84.2 126.2
160 48.6 41.7 62.5





#14
2,4,6-Tribromophenol
Concen: 0.294 ng
RT: 15.537 min Scan# 10
Delta R.T. -0.012 min
Lab File: BN034525.D
Acq: 10 Oct 2024 17:31

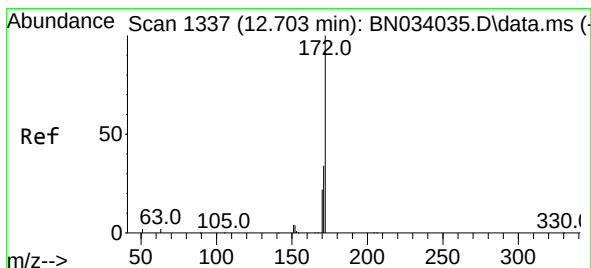
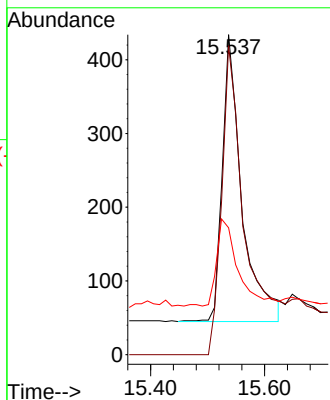
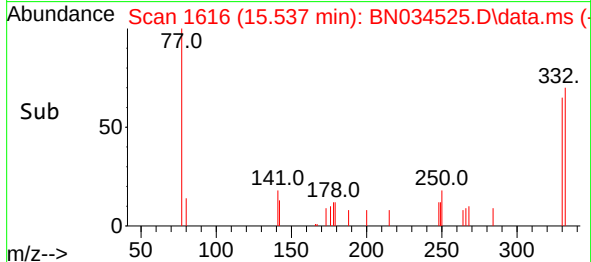
Instrument :
BNA_N
ClientSampleId :
TT188S1-20240930



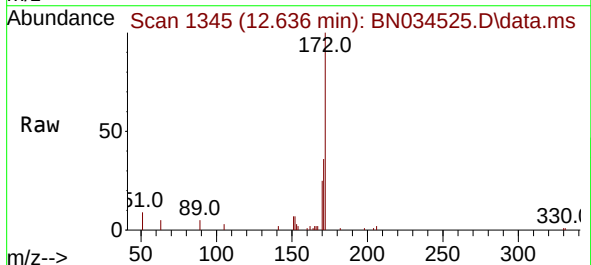
Tgt Ion: 330 Resp: 879
Ion Ratio Lower Upper
330 100
332 136.1 77.4 116.0
141 33.8 35.9 53.9

Manual Integrations
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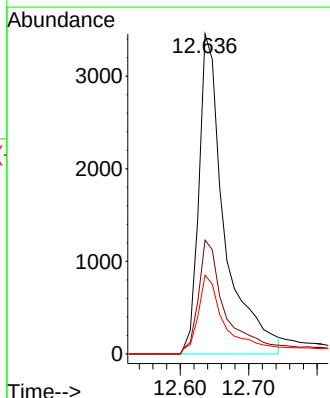
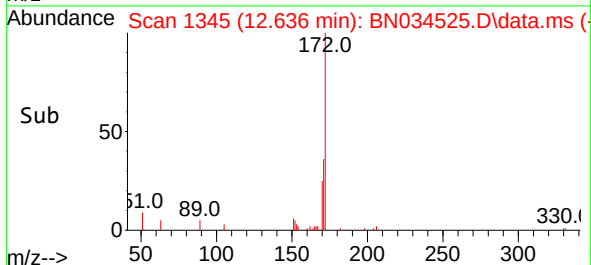
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024

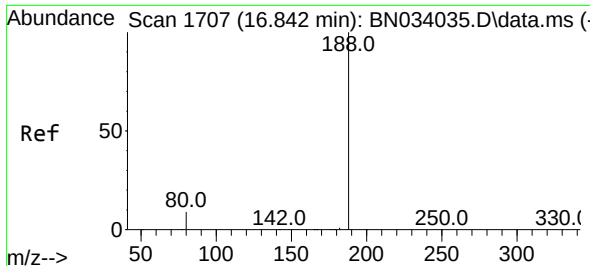


#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 12.636 min Scan# 1345
Delta R.T. -0.021 min
Lab File: BN034525.D
Acq: 10 Oct 2024 17:31



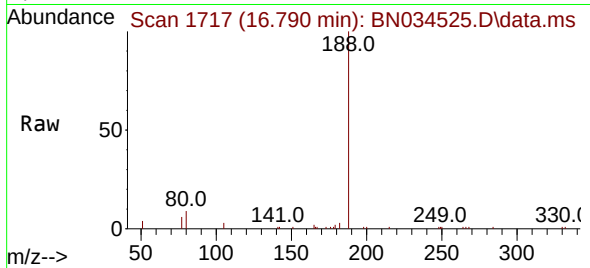
Tgt Ion: 172 Resp: 8229
Ion Ratio Lower Upper
172 100
171 35.6 27.3 40.9
170 24.6 18.1 27.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.790 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN034525.D
Acq: 10 Oct 2024 17:31

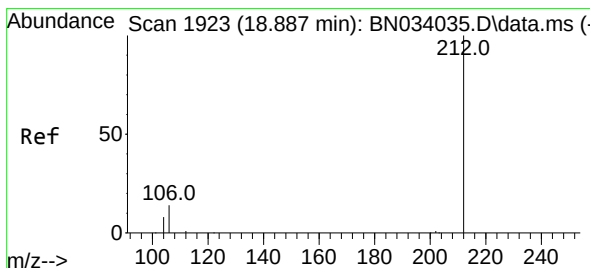
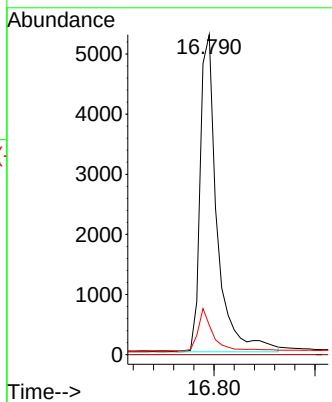
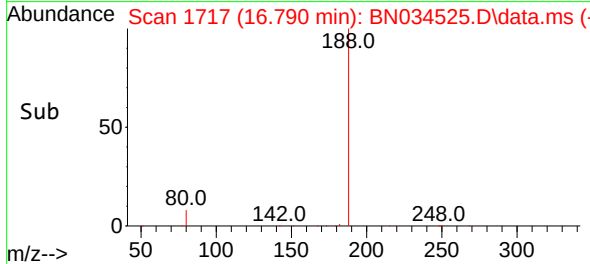
Instrument :
BNA_N
ClientSampleId :
TT188S1-20240930



Tgt Ion:188 Resp: 1225
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 7.4 11.0

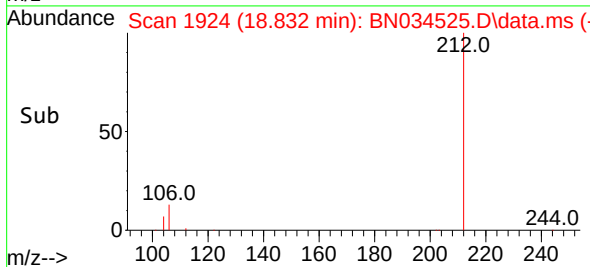
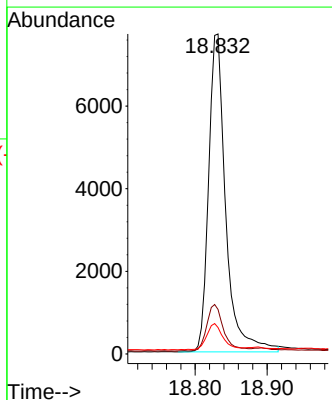
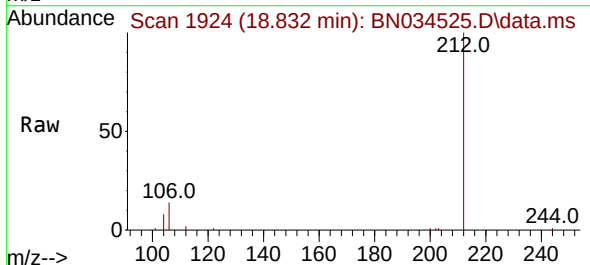
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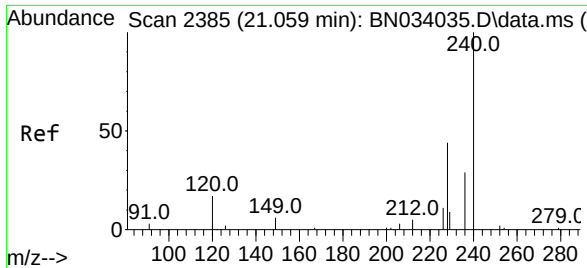
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#27
Fluoranthene-d10
Concen: 0.410 ng
RT: 18.832 min Scan# 1924
Delta R.T. -0.014 min
Lab File: BN034525.D
Acq: 10 Oct 2024 17:31

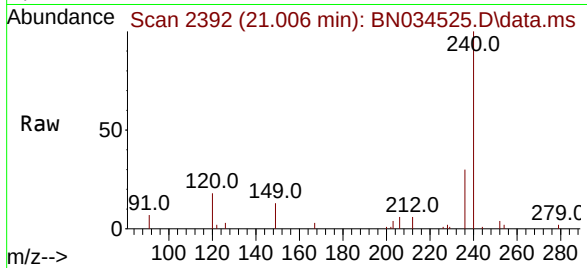
Tgt Ion:212 Resp: 12673
Ion Ratio Lower Upper
212 100
106 14.3 13.4 20.2
104 7.9 7.8 11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 21006
Delta R.T. -0.009 min
Lab File: BN034525.D
Acq: 10 Oct 2024 17:31

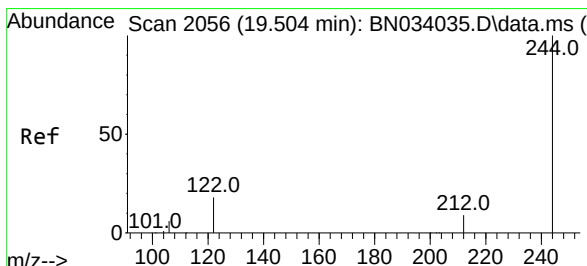
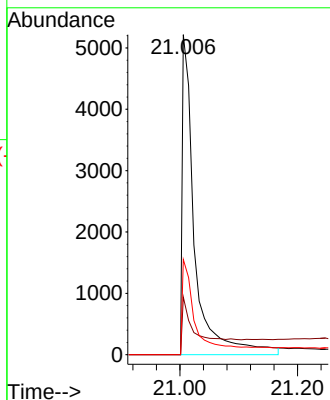
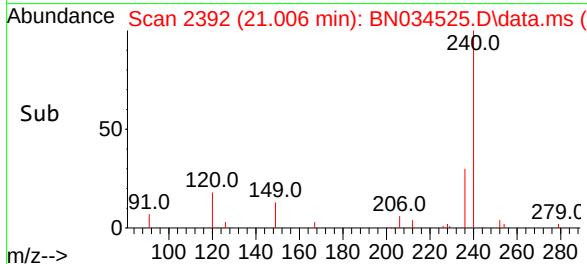
Instrument :
BNA_N
ClientSampleId :
TT188S1-20240930



Tgt Ion:240 Resp: 7970
Ion Ratio Lower Upper
240 100
120 18.0 13.5 20.3
236 29.8 23.4 35.0

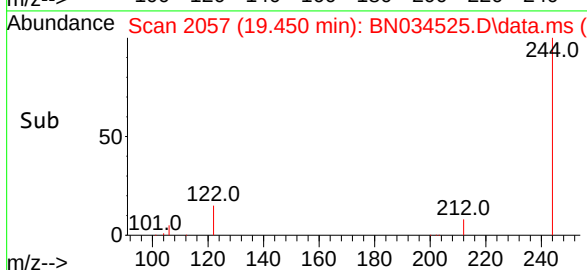
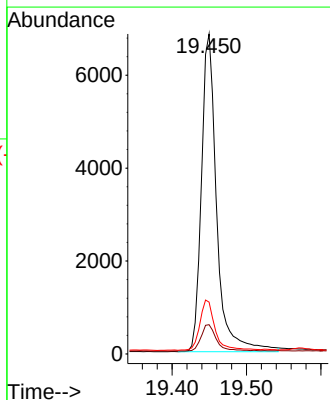
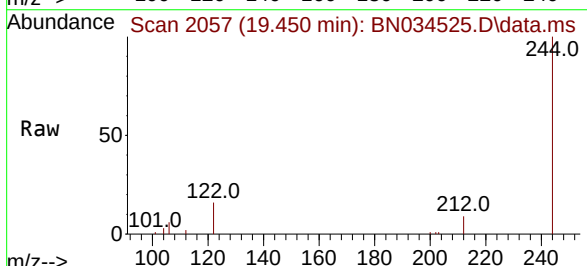
Manual Integrations
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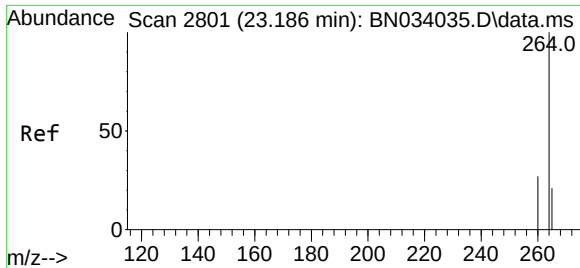
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024



#31
Terphenyl-d14
Concen: 0.613 ng
RT: 19.450 min Scan# 2057
Delta R.T. -0.018 min
Lab File: BN034525.D
Acq: 10 Oct 2024 17:31

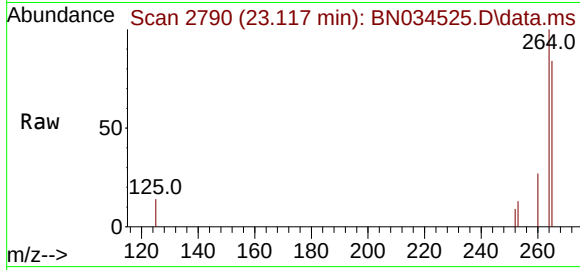
Tgt Ion:244 Resp: 9755
Ion Ratio Lower Upper
244 100
212 9.1 7.8 11.6
122 16.2 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.117 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN034525.D
 Acq: 10 Oct 2024 17:31

Instrument :
 BNA_N
 ClientSampleId :
 TT188S1-20240930



Tgt Ion:264 Resp: 10230
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.7 32.5
 265 84.0 52.1 78.1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2024
 Supervised By :mohammad ahmed 10/14/2024

