

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032586.D
 Acq On : 09 Jul 2024 14:02
 Operator : MA/JU
 Sample : P3127-05
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB196-HYD-20240624

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/10/2024
 Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 10 06:05:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 02:39:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	3925	0.400	ng	0.00
7) Naphthalene-d8	10.379	136	11930	0.400	ng	# 0.00
13) Acenaphthene-d10	14.242	164	9453	0.400	ng	0.01
19) Phenanthrene-d10	17.004	188	20430	0.400	ng	# 0.00
29) Chrysene-d12	21.220	240	14772	0.400	ng	0.00
35) Perylene-d12	23.437	264	13113	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.227	112	91	0.009	ng	0.01
5) Phenol-d6	6.808	99	6	0.000	ng	-0.01
8) Nitrobenzene-d5	8.841	82	2973m	0.334	ng	0.04
11) 2-Methylnaphthalene-d10	12.005	152	178m	0.009	ng	0.02
14) 2,4,6-Tribromophenol	15.775	330	1100	0.257	ng	0.01
15) 2-Fluorobiphenyl	12.874	172	10402	0.299	ng	0.01
27) Fluoranthene-d10	19.049	212	5698	0.107	ng	0.00
31) Terphenyl-d14	19.639	244	17566	0.487	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.161	88	229	0.044	ng	# 64
34) Bis(2-ethylhexyl)phtha...	21.104	149	1816	0.055	ng	# 97

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

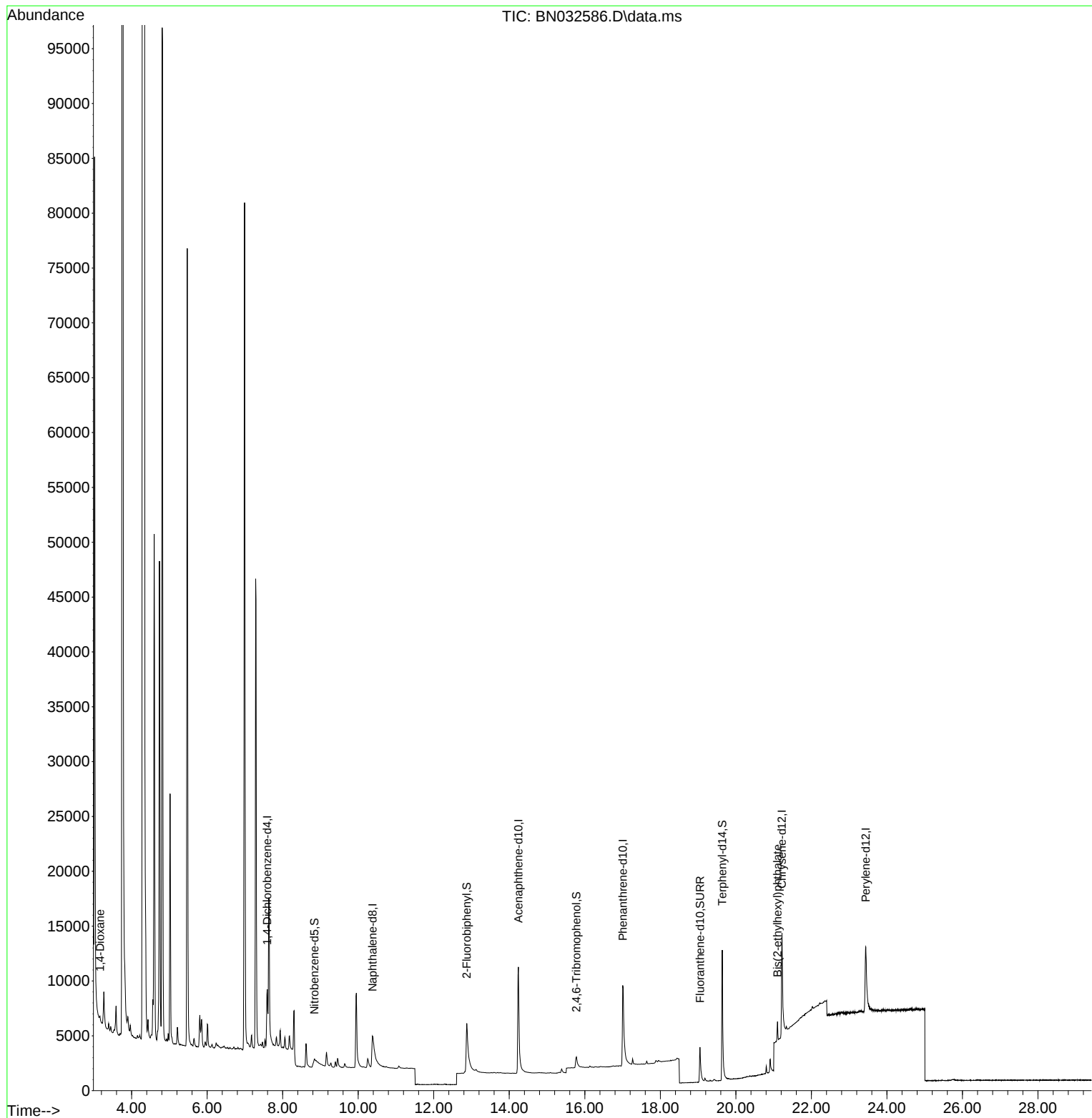
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032586.D
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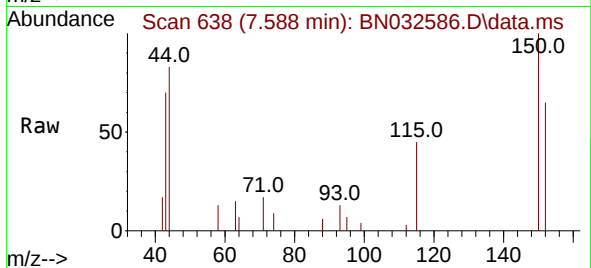
Quant Time: Jul 10 06:05:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 02:39:48 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.588 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

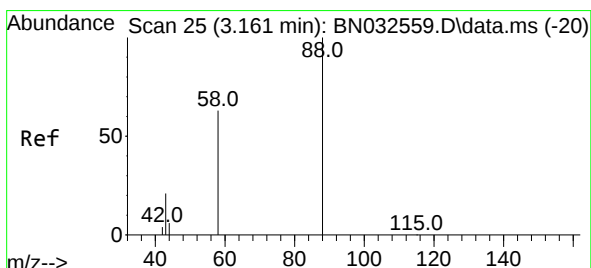
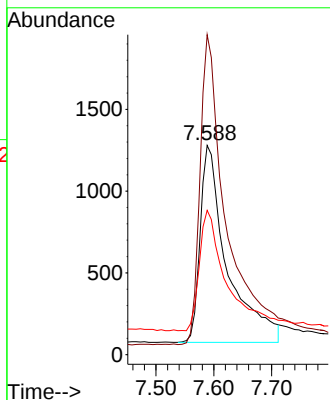
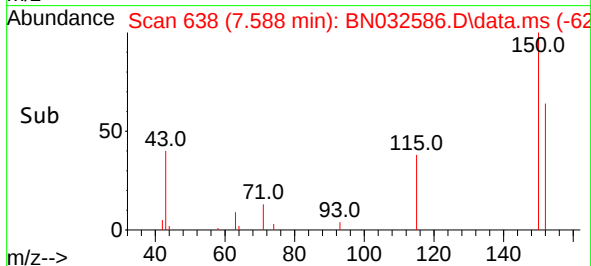
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240624



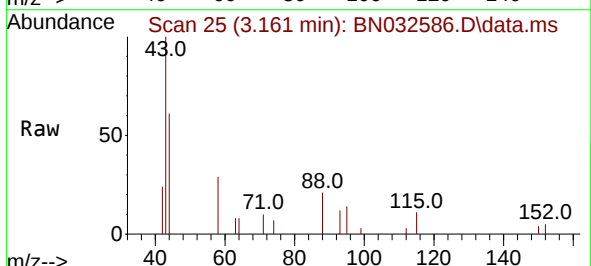
Tgt Ion: 152 Resp: 392
Ion Ratio Lower Upper
152 100
150 152.9 121.6 182.4
115 68.9 53.1 79.7

Manual Integrations
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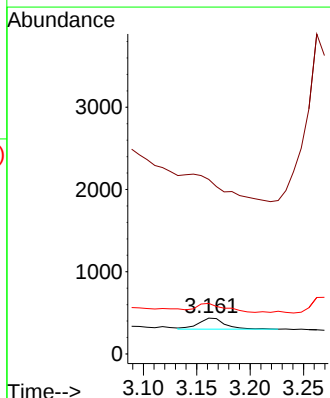
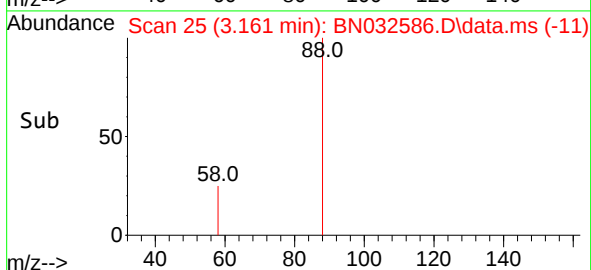
Reviewed By :Jagrut Upadhyay 07/10/2024
Supervised By :mohammad ahmed 07/11/2024

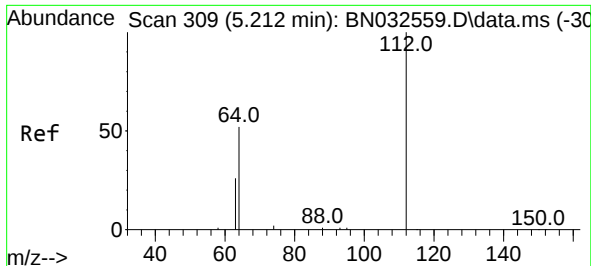


#2
1,4-Dioxane
Concen: 0.044 ng
RT: 3.161 min Scan# 25
Delta R.T. 0.000 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02



Tgt Ion: 88 Resp: 229
Ion Ratio Lower Upper
88 100
43 0.0 20.4 30.6#
58 87.3 51.0 76.6#





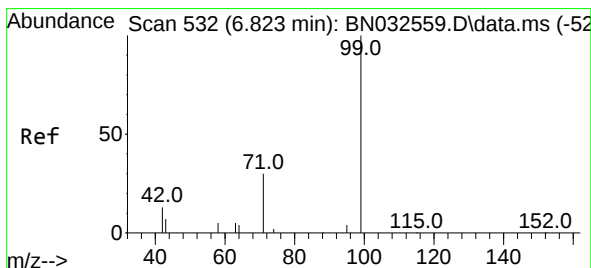
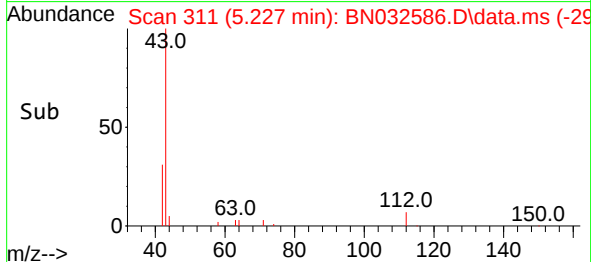
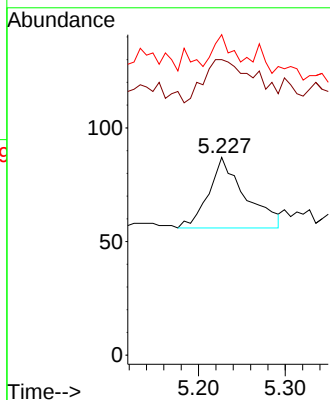
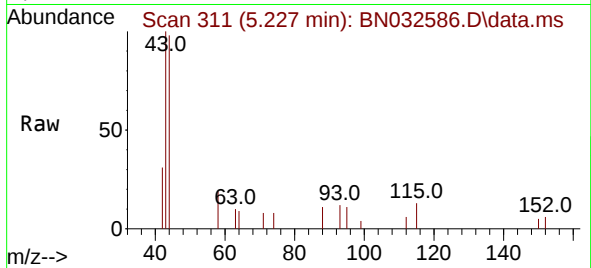
#4
2-Fluorophenol
Concen: 0.009 ng
RT: 5.227 min Scan# 311
Delta R.T. 0.015 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240624

Tgt Ion: 112 Resp: 91
Ion Ratio Lower Upper
112 100
64 83.5 41.2 61.8
63 27.5 21.6 32.4

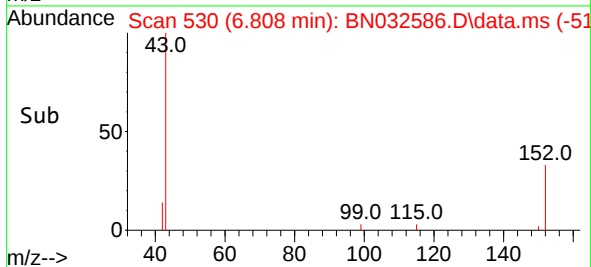
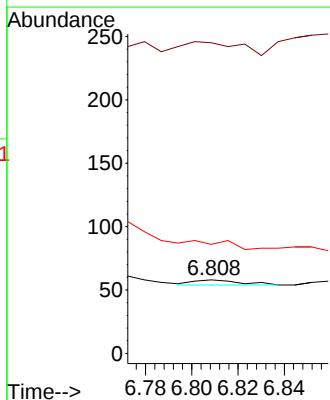
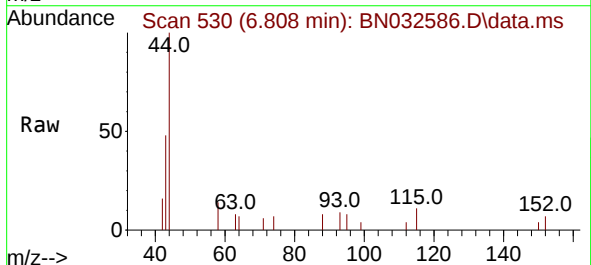
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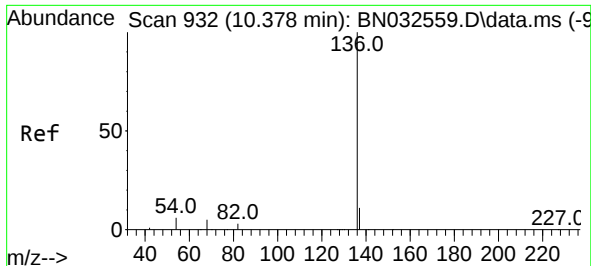
Reviewed By :Jagrut Upadhyay 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#5
Phenol-d6
Concen: 0.000 ng
RT: 6.808 min Scan# 530
Delta R.T. -0.014 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

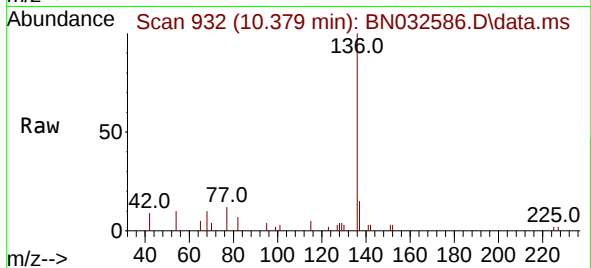
Tgt Ion: 99 Resp: 6
Ion Ratio Lower Upper
99 100
42 0.0 10.6 16.0#
71 0.0 25.2 37.8#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.379 min Scan# 91
Delta R.T. 0.001 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

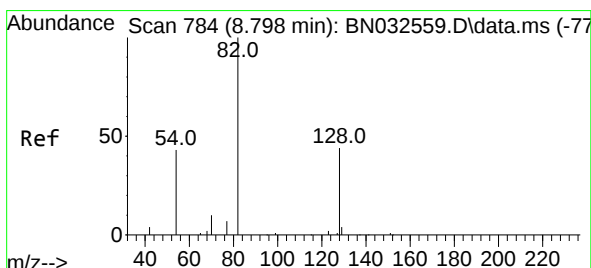
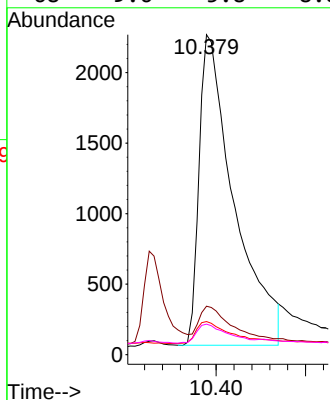
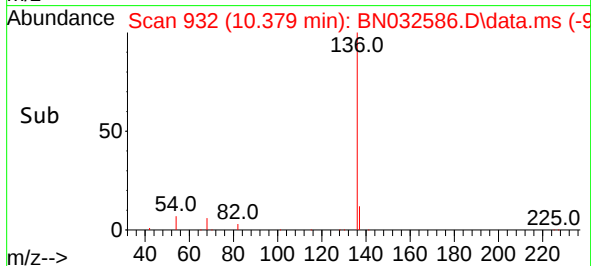
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240624



Tgt Ion:	136	Resp:	11930
Ion	Ratio	Lower	Upper
136	100		
137	15.2	10.0	15.0
54	10.4	6.6	9.8
68	9.6	5.8	8.8

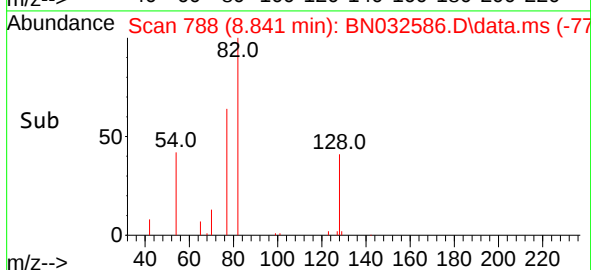
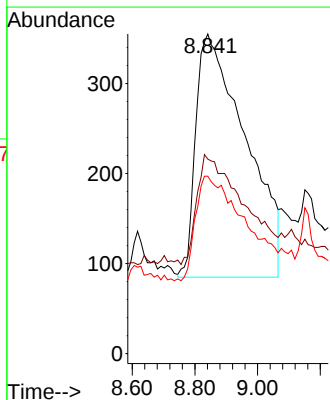
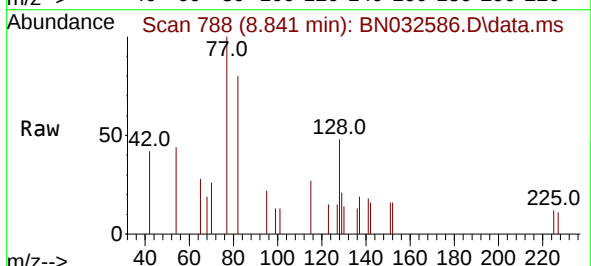
Manual Integrations
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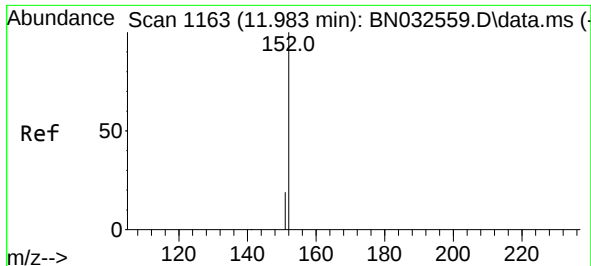
Reviewed By :Jagrut Upadhyay 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#8
Nitrobenzene-d5
Concen: 0.334 ng m
RT: 8.841 min Scan# 788
Delta R.T. 0.043 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

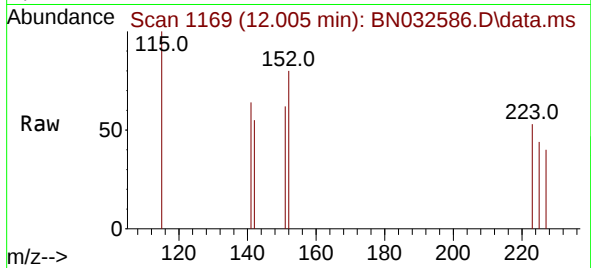
Tgt Ion:	82	Resp:	2973
Ion	Ratio	Lower	Upper
82	100		
128	60.8	43.4	65.2
54	55.5	40.2	60.2





#11
2-Methylnaphthalene-d10
Concen: 0.009 ng m
RT: 12.005 min Scan# 1169
Delta R.T. 0.023 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

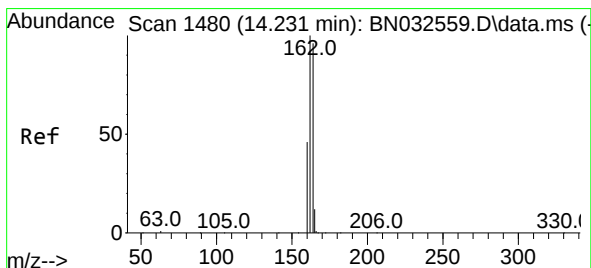
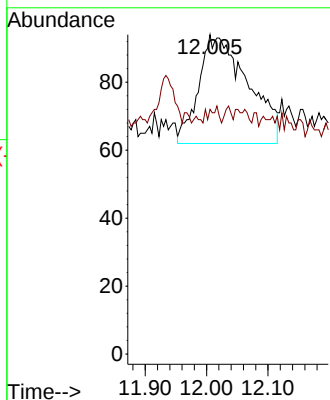
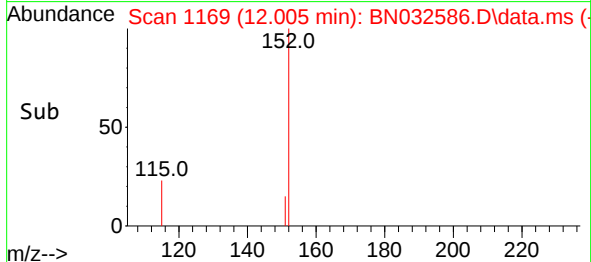
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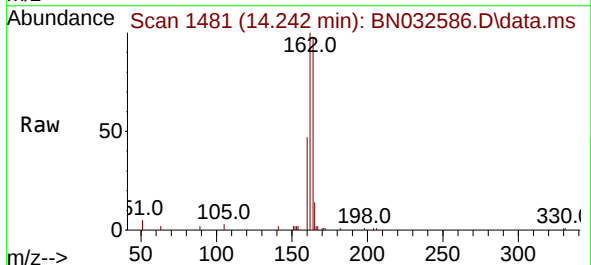
Tgt Ion:152 Resp: 178
Ion Ratio Lower Upper
152 100
151 3.4 16.4 24.6

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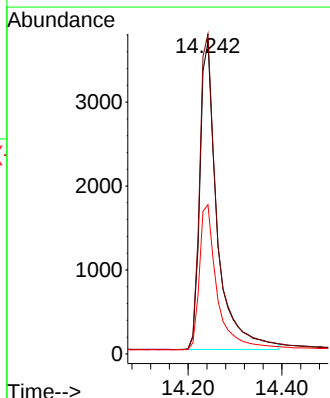
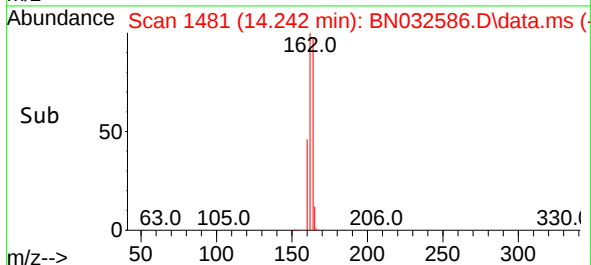
Reviewed By :Jagrut Upadhyay 07/10/2024
Supervised By :mohammad ahmed 07/11/2024

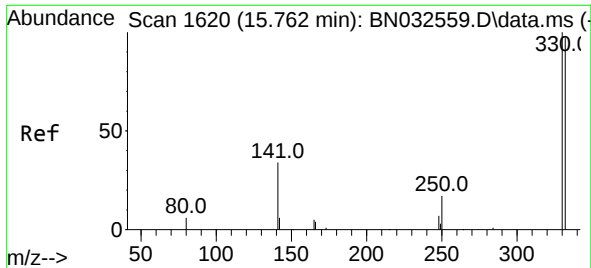


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.242 min Scan# 1481
Delta R.T. 0.011 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02



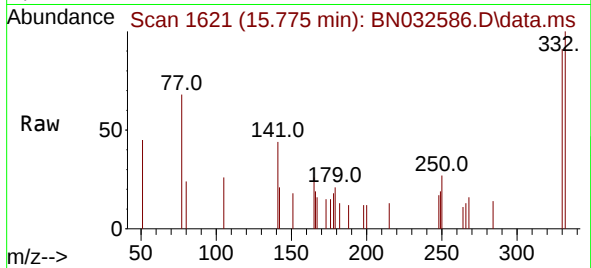
Tgt Ion:164 Resp: 9453
Ion Ratio Lower Upper
164 100
162 102.5 83.2 124.8
160 47.8 38.6 57.8





#14
2,4,6-Tribromophenol
Concen: 0.257 ng
RT: 15.775 min Scan# 1
Delta R.T. 0.013 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

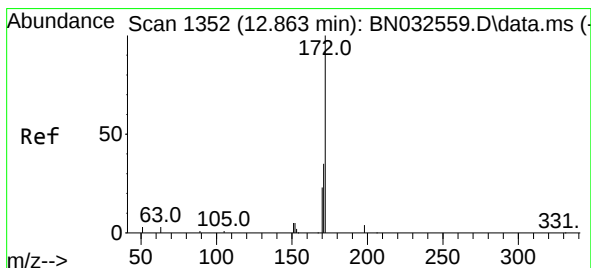
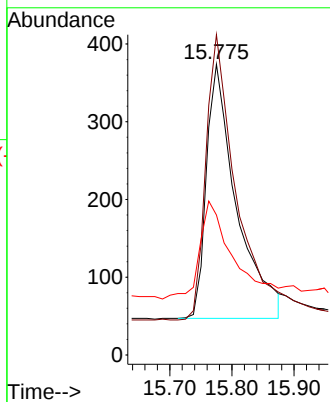
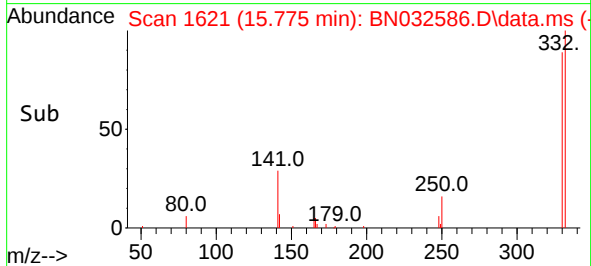
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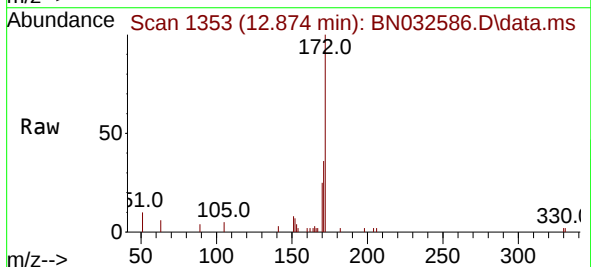
Tgt Ion:330 Resp: 1100
Ion Ratio Lower Upper
330 100
332 113.1 77.7 116.5
141 37.0 31.8 47.8

Manual Integrations
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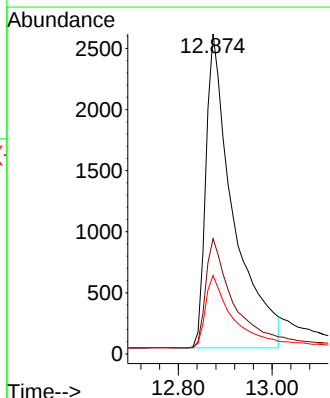
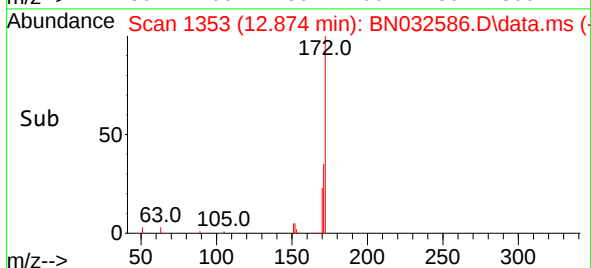
Reviewed By :Jagrut Upadhyay 07/10/2024
Supervised By :mohammad ahmed 07/11/2024

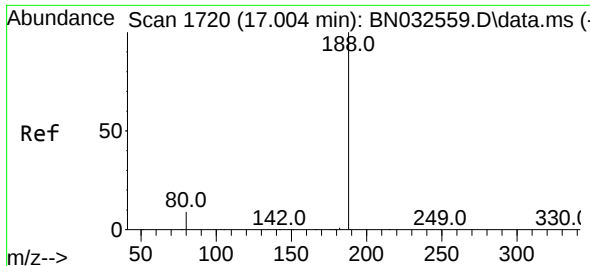


#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 12.874 min Scan# 1353
Delta R.T. 0.011 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02



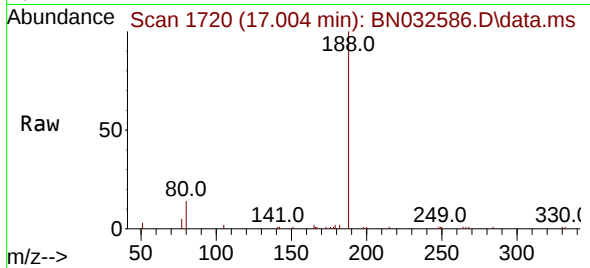
Tgt Ion:172 Resp: 10402
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.5 19.2 28.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.004 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

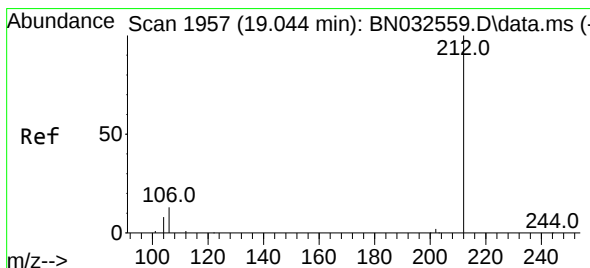
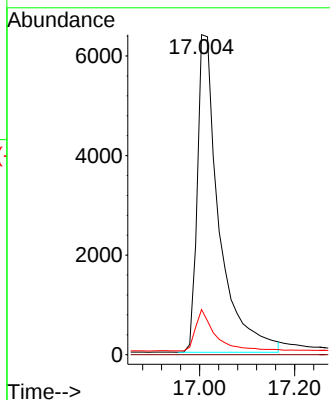
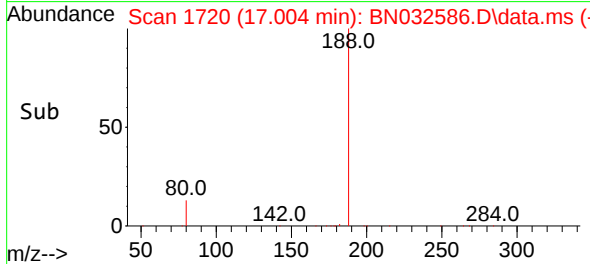
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VPB196-HYD-20240624



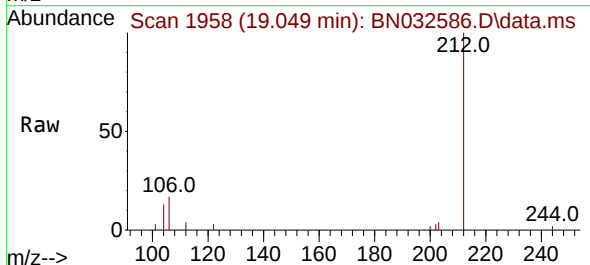
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Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 7.8 11.6

Manual Integrations
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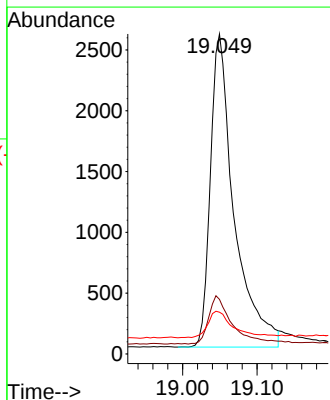
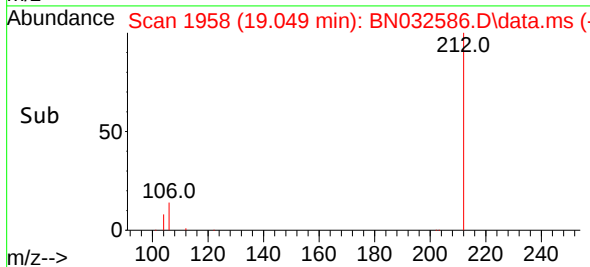
Reviewed By :Jagrut Upadhyay 07/10/2024
Supervised By :mohammad ahmed 07/11/2024

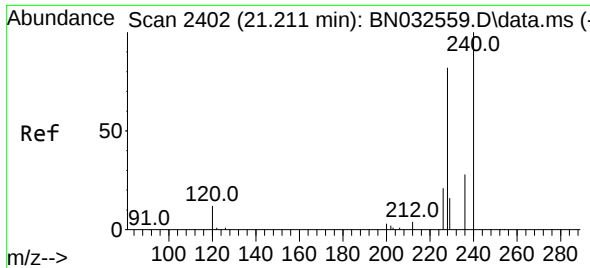


#27
Fluoranthene-d10
Concen: 0.107 ng
RT: 19.049 min Scan# 1958
Delta R.T. 0.005 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02



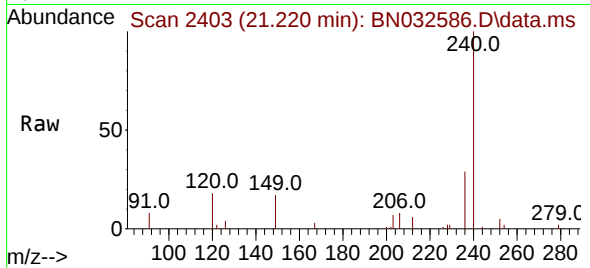
Tgt Ion:212 Resp: 5698
Ion Ratio Lower Upper
212 100
106 15.3 11.8 17.8
104 9.3 6.9 10.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.220 min Scan# 2403
Delta R.T. 0.009 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

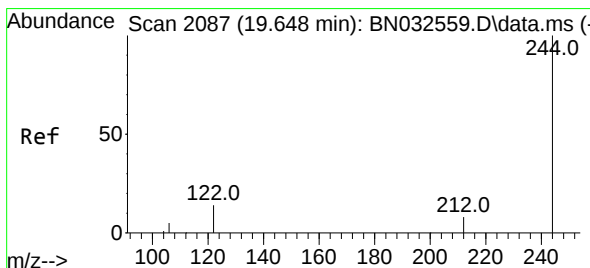
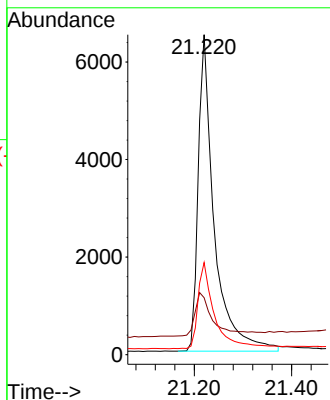
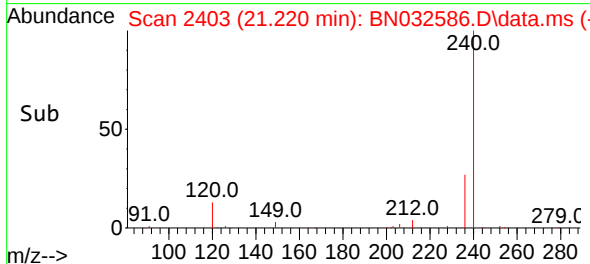
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240624



Tgt Ion:240 Resp: 14772
Ion Ratio Lower Upper
240 100
120 17.8 13.0 19.4
236 28.8 23.1 34.7

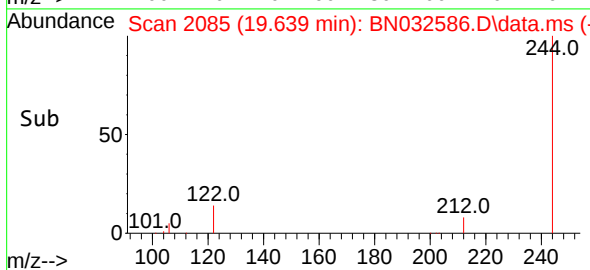
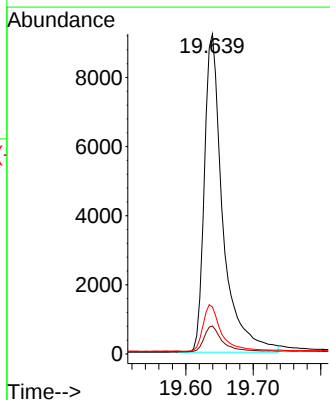
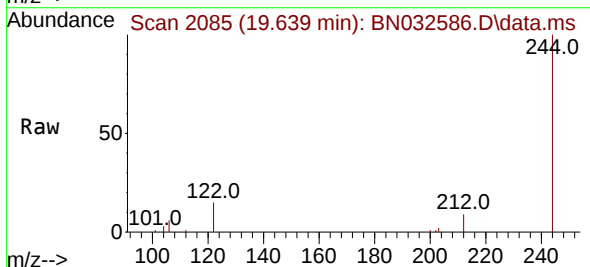
Manual Integrations
APPROVED

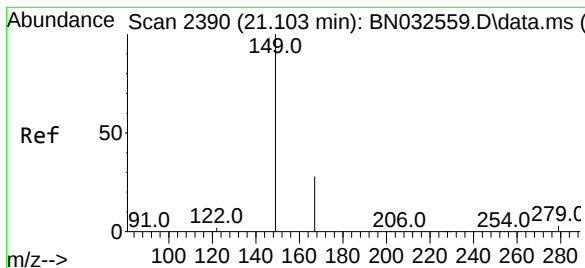
Reviewed By :Jagrut Upadhyay 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#31
Terphenyl-d14
Concen: 0.487 ng
RT: 19.639 min Scan# 2085
Delta R.T. -0.009 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

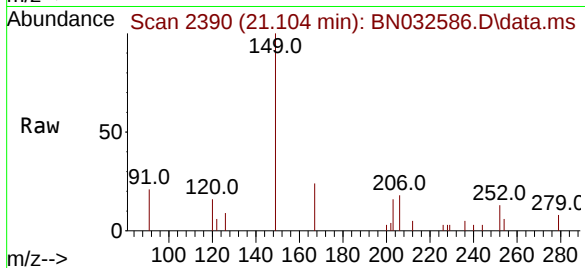
Tgt Ion:244 Resp: 17566
Ion Ratio Lower Upper
244 100
212 8.7 7.2 10.8
122 14.6 12.1 18.1





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.055 ng
RT: 21.104 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

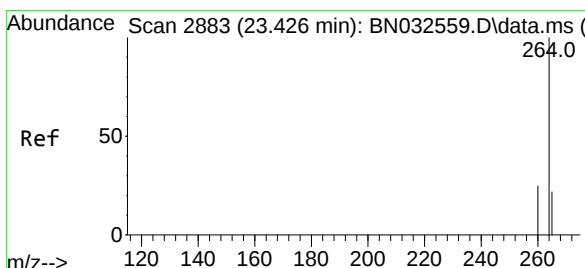
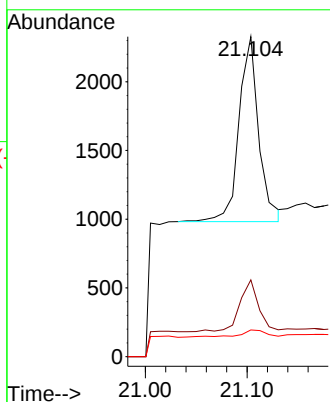
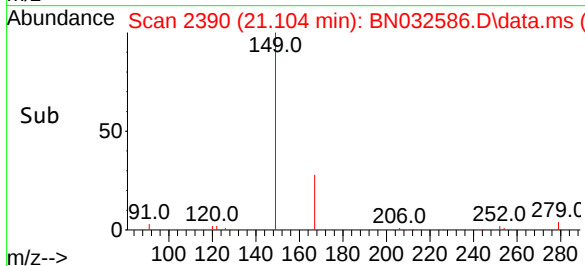
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240624



Tgt Ion:149 Resp: 1810
Ion Ratio Lower Upper
149 100
167 28.3 21.6 32.4
279 5.5 3.0 4.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/10/2024
Supervised By :mohammad ahmed 07/11/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.437 min Scan# 2887
Delta R.T. 0.012 min
Lab File: BN032586.D
Acq: 09 Jul 2024 14:02

Tgt Ion:264 Resp: 13113
Ion Ratio Lower Upper
264 100
260 26.7 21.0 31.6
265 128.2 76.6 115.0#

