

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035805.D
 Acq On : 24 Dec 2024 04:47
 Operator : RC/JU
 Sample : P5284-01
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20241212

Quant Time: Dec 24 05:31:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.265	152	3703	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	8793	0.400	ng	-0.01
13) Acenaphthene-d10	13.925	164	5556	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	10032	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7300	0.400	ng	# 0.00
35) Perylene-d12	23.035	264	6598	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	1185	0.128	ng	0.00
5) Phenol-d6	6.484	99	673	0.060	ng	0.00
8) Nitrobenzene-d5	8.408	82	2653m	0.494	ng	0.00
11) 2-Methylnaphthalene-d10	11.616	152	5575	0.405	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	790	0.200	ng	0.00
15) 2-Fluorobiphenyl	12.534	172	8878	0.423	ng	-0.01
27) Fluoranthene-d10	18.752	212	13011	0.458	ng	0.00
31) Terphenyl-d14	19.379	244	9765	0.678	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	34090	9.630	ng	98
6) bis(2-Chloroethyl)ether	6.723	93	501	0.053	ng	# 82
34) Bis(2-ethylhexyl)phtha...	20.902	149	858	0.085	ng	# 95

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

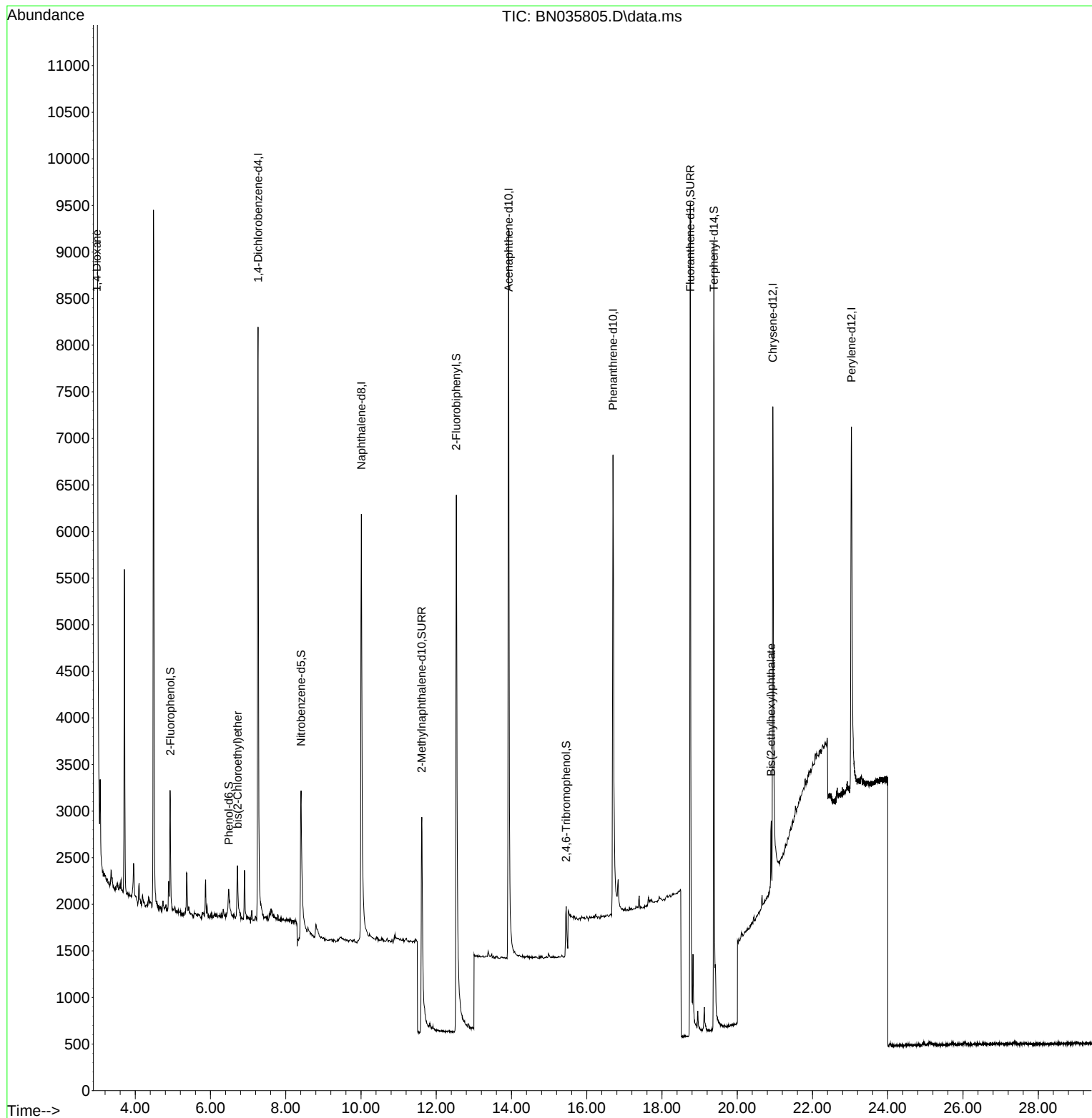
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035805.D
Acq On : 24 Dec 2024 04:47
Operator : RC/JU
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Instrument :
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RW5-SP100-20241212

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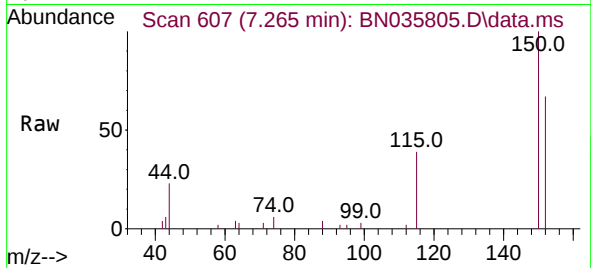
Quant Time: Dec 24 05:31:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.265 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

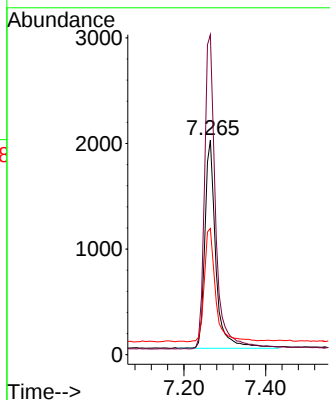
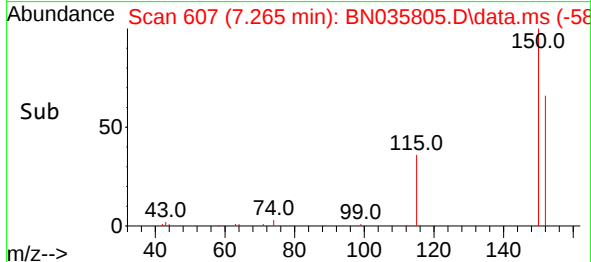
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241212



Tgt Ion:152 Resp: 370
Ion Ratio Lower Upper
152 100
150 149.1 124.0 186.0
115 58.8 49.6 74.4

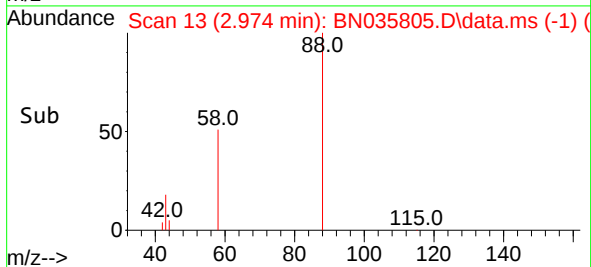
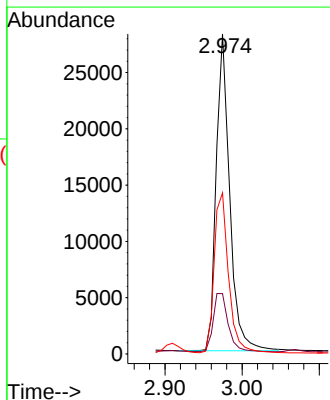
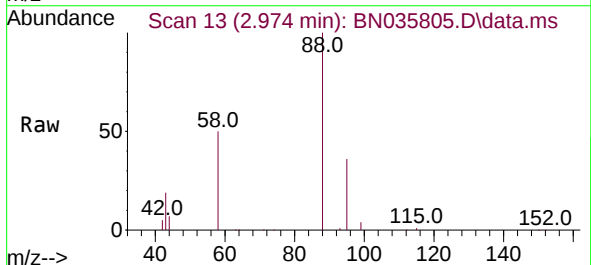
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#2
1,4-Dioxane
Concen: 9.630 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Tgt Ion: 88 Resp: 34090
Ion Ratio Lower Upper
88 100
43 20.5 17.2 25.8
58 53.7 44.5 66.7





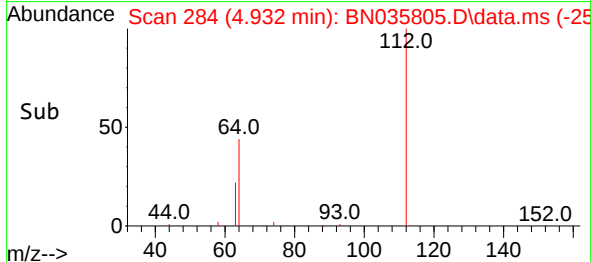
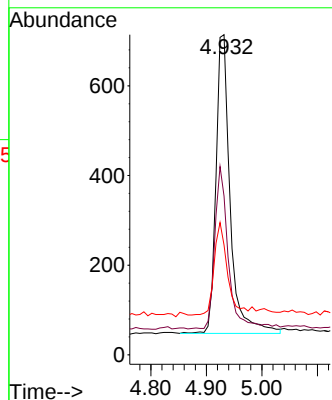
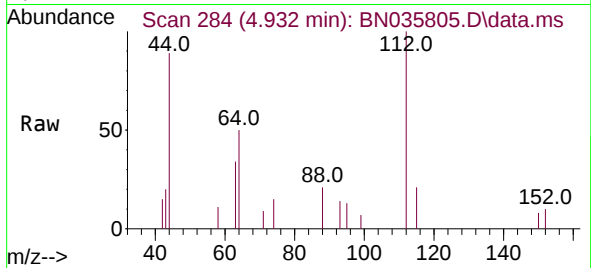
#4
2-Fluorophenol
Concen: 0.128 ng
RT: 4.932 min Scan# 218
Delta R.T. -0.007 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241212

Tgt Ion: 112 Resp: 118
Ion Ratio Lower Upper
112 100
64 52.2 39.8 59.8
63 28.9 21.0 31.6

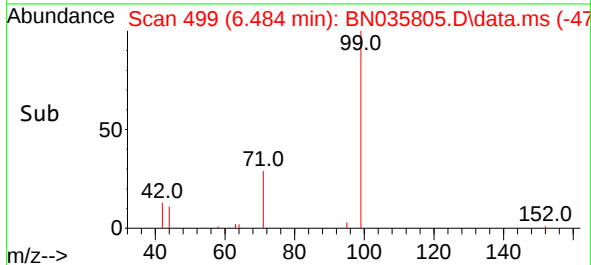
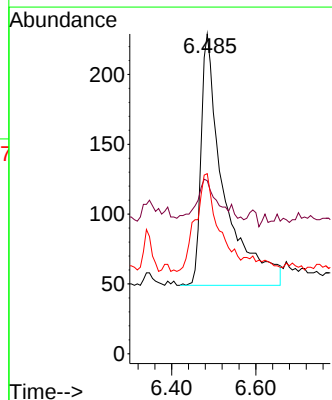
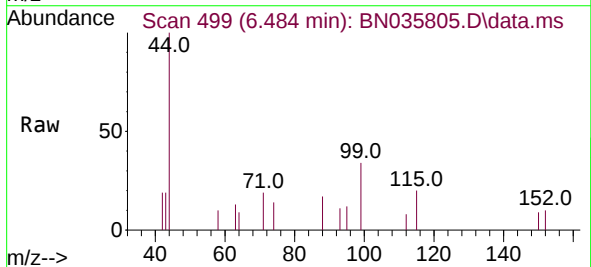
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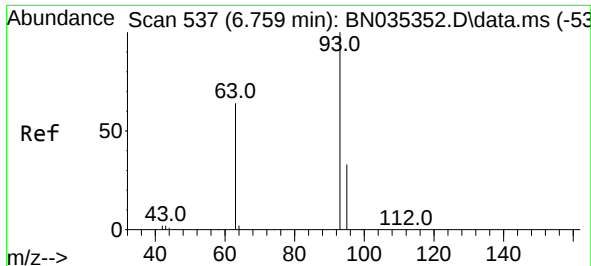
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Supervised By :mohammad ahmed 12/26/2024



#5
Phenol-d6
Concen: 0.060 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Tgt Ion: 99 Resp: 673
Ion Ratio Lower Upper
99 100
42 16.0 11.4 17.2
71 39.4 29.3 43.9





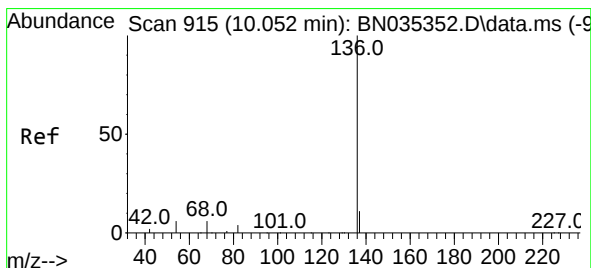
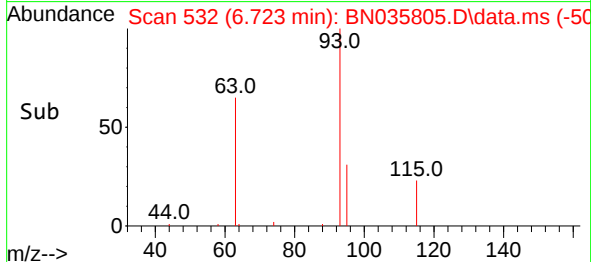
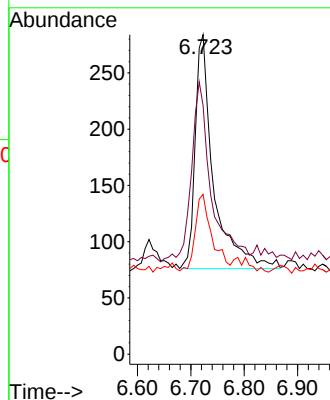
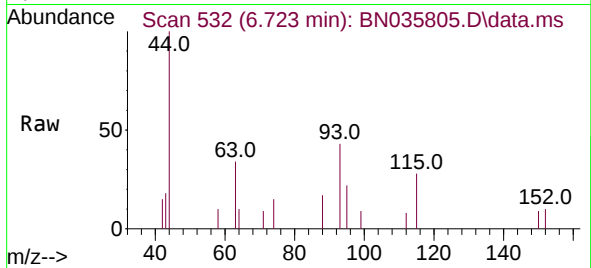
#6
bis(2-Chloroethyl)ether
Concen: 0.053 ng
RT: 6.723 min Scan# 511
Delta R.T. -0.007 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241212

Tgt Ion: 93 Resp: 50
Ion Ratio Lower Upper
93 100
63 83.2 50.4 75.6
95 30.9 25.7 38.5

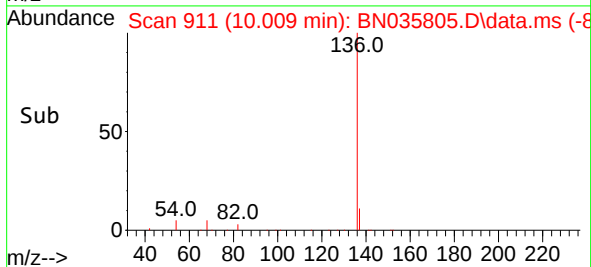
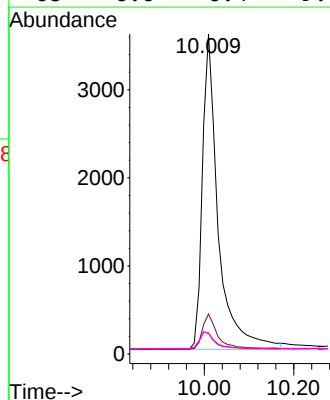
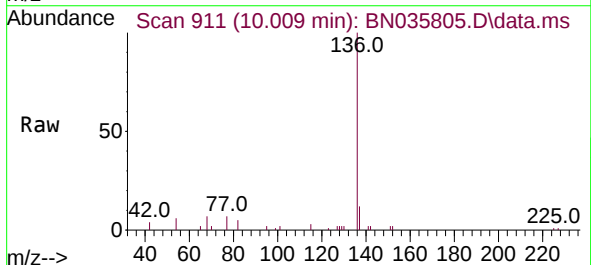
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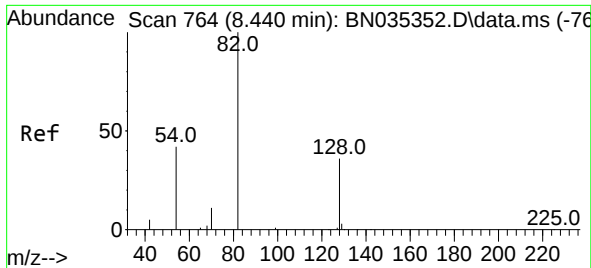
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#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Tgt Ion:136 Resp: 8793
Ion Ratio Lower Upper
136 100
137 12.5 10.2 15.2
54 6.4 6.1 9.1
68 6.6 6.4 9.6





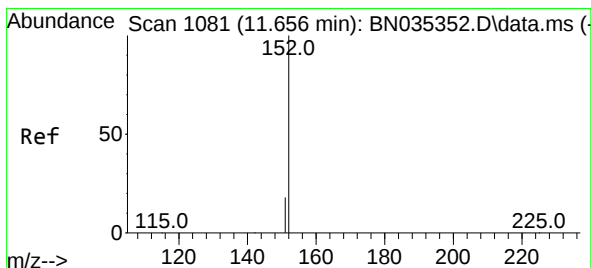
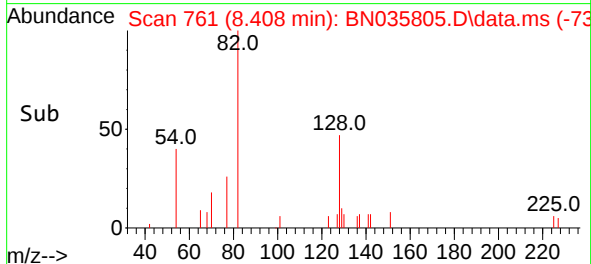
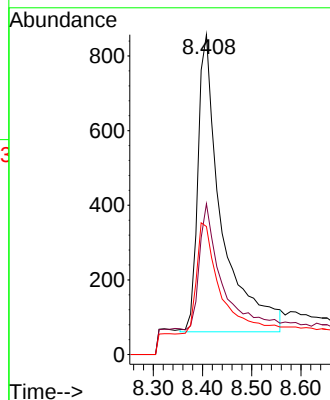
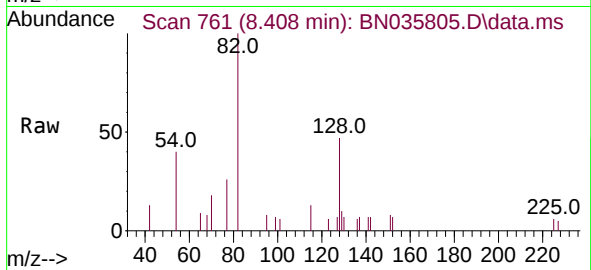
#8
Nitrobenzene-d5
Concen: 0.494 ng m
RT: 8.408 min Scan# 764
Delta R.T. -0.000 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241212

Tgt Ion: 82 Resp: 265
Ion Ratio Lower Upper
82 100
128 47.1 33.4 50.0
54 40.0 36.7 55.1

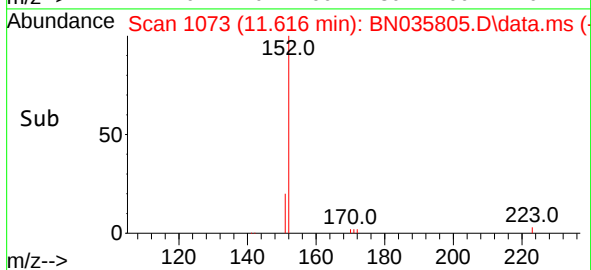
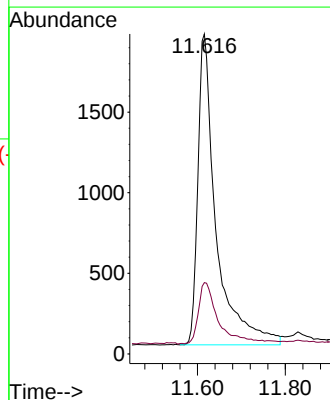
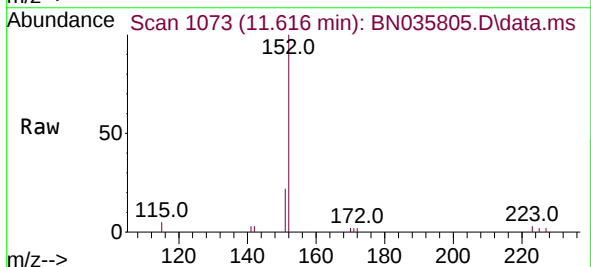
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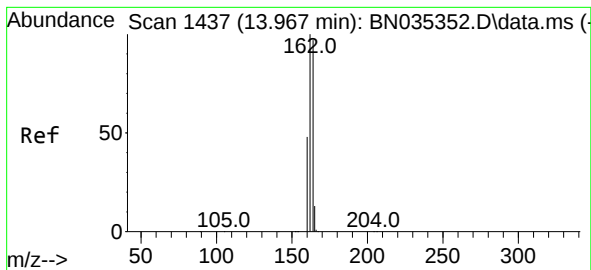
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 11.616 min Scan# 1073
Delta R.T. -0.005 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

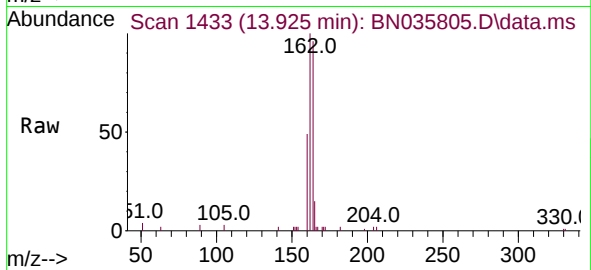
Tgt Ion:152 Resp: 5575
Ion Ratio Lower Upper
152 100
151 21.0 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

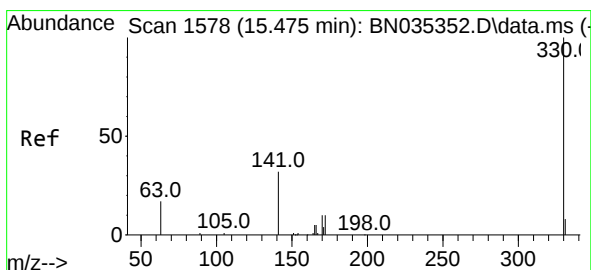
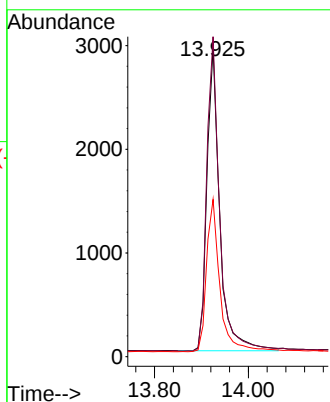
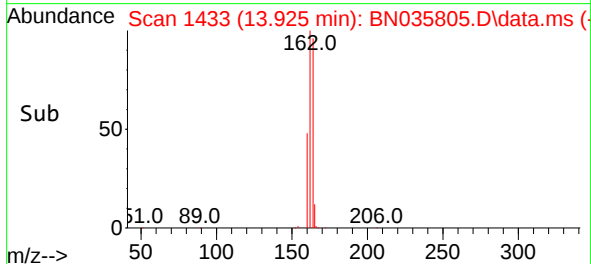
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241212



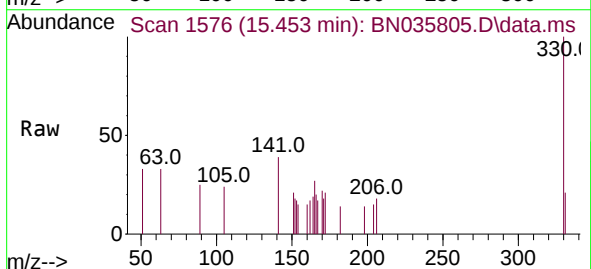
Tgt Ion:164 Resp: 5550
Ion Ratio Lower Upper
164 100
162 103.8 82.2 123.2
160 51.0 40.1 60.1

Manual Integrations
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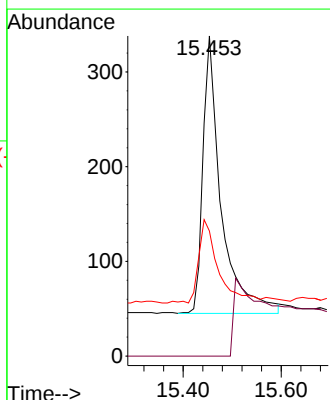
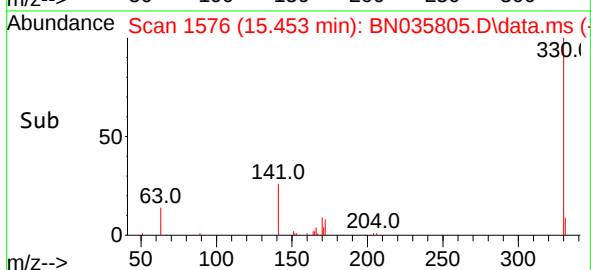
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

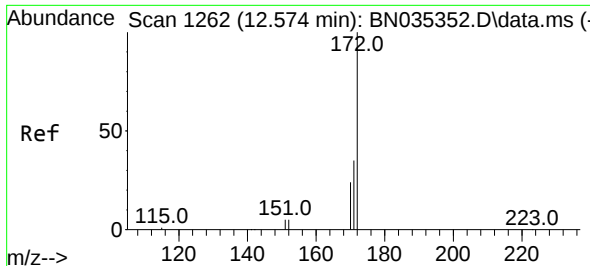


#14
2,4,6-Tribromophenol
Concen: 0.200 ng
RT: 15.453 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47



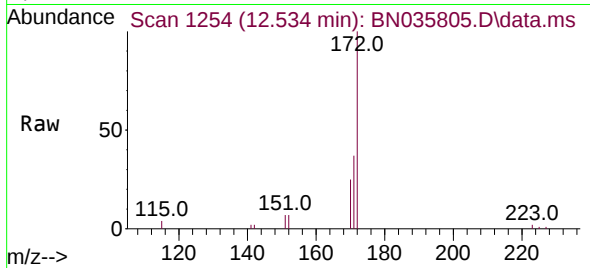
Tgt Ion:330 Resp: 790
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.0 26.6 40.0





#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 12.534 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

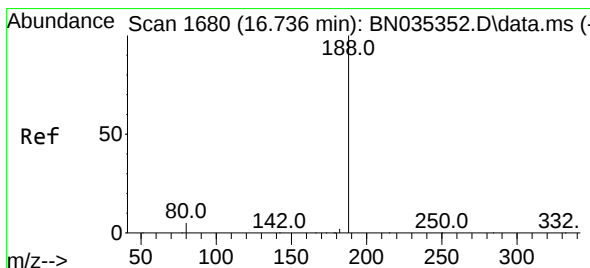
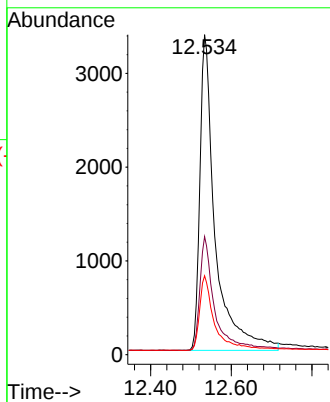
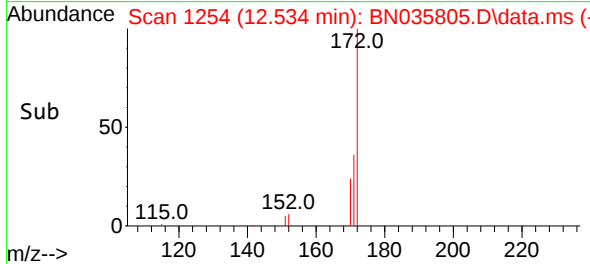
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241212



Tgt Ion:172 Resp: 8878
Ion Ratio Lower Upper
172 100
171 36.9 29.0 43.4
170 24.6 19.8 29.8

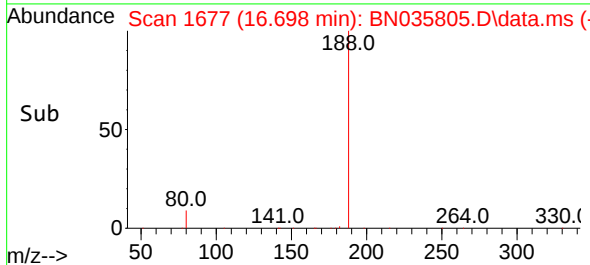
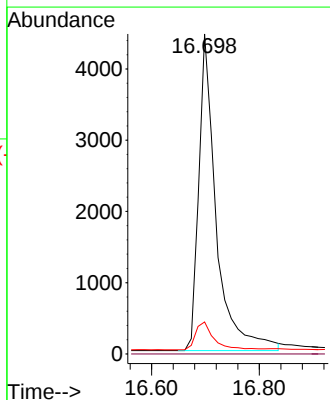
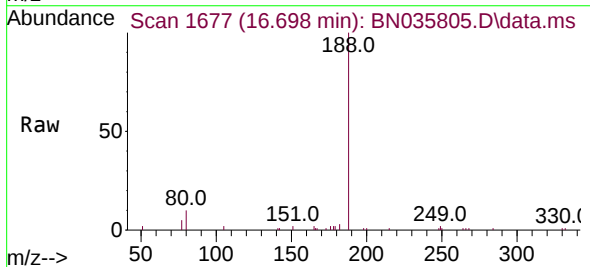
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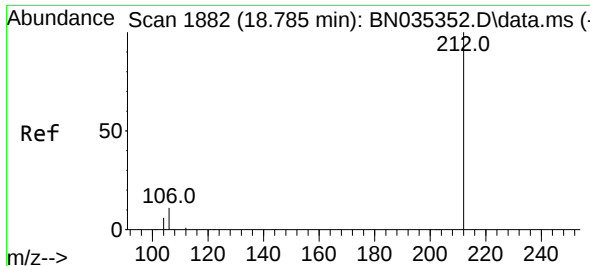
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

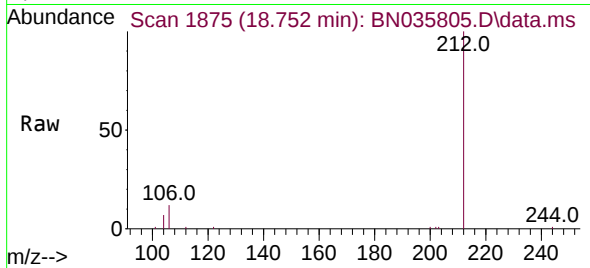
Tgt Ion:188 Resp: 10032
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 4.6 6.8





#27
Fluoranthene-d10
Concen: 0.458 ng
RT: 18.752 min Scan# 1875
Delta R.T. -0.009 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

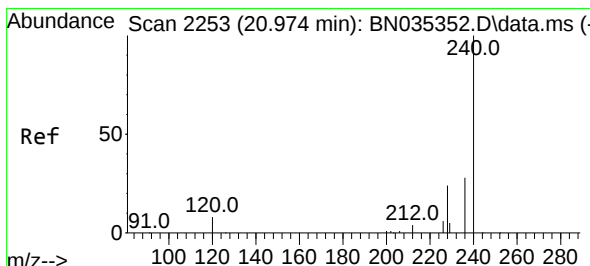
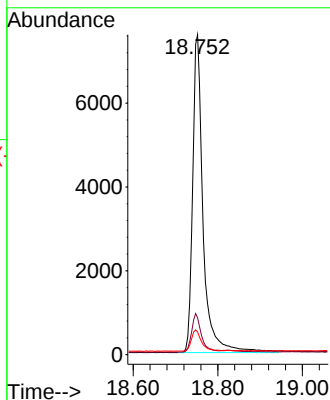
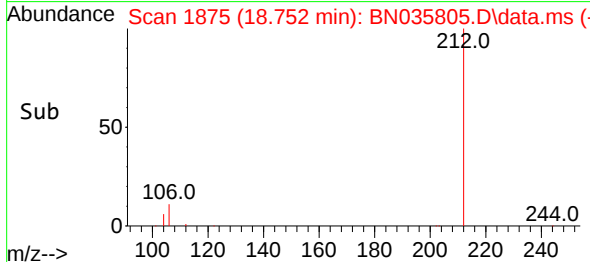
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241212



Tgt Ion:212 Resp: 1301
Ion Ratio Lower Upper
212 100
106 11.2 9.2 13.8
104 6.5 5.3 7.9

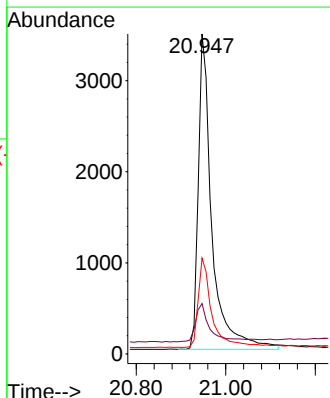
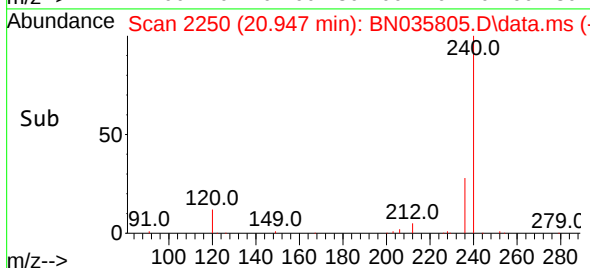
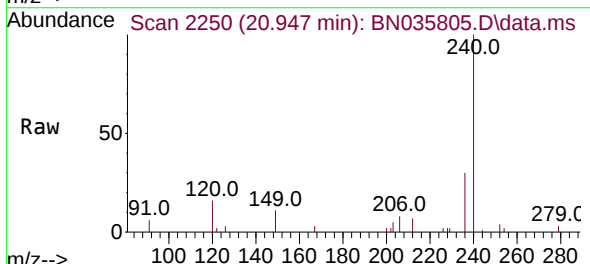
Manual Integrations
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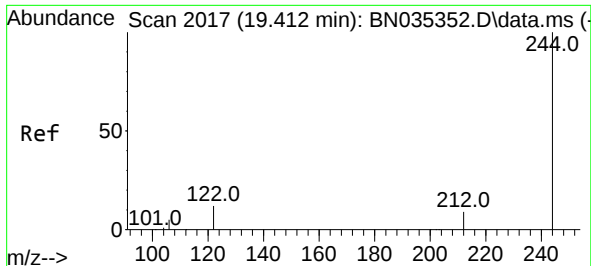
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

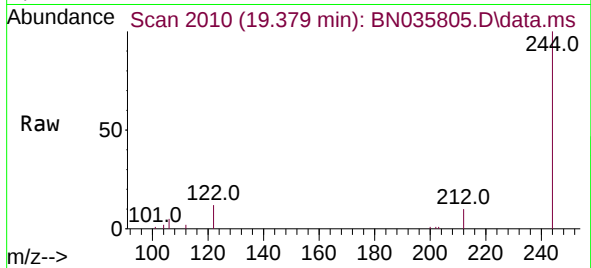
Tgt Ion:240 Resp: 7300
Ion Ratio Lower Upper
240 100
120 15.7 7.9 11.9#
236 30.0 22.9 34.3





#31
Terphenyl-d14
Concen: 0.678 ng
RT: 19.379 min Scan# 2017
Delta R.T. -0.009 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

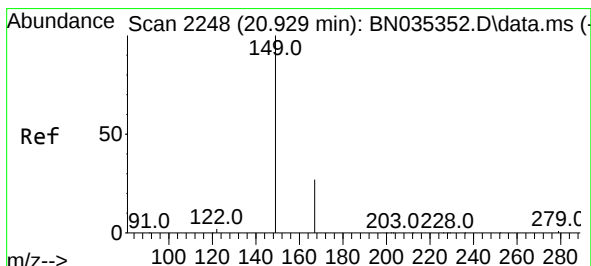
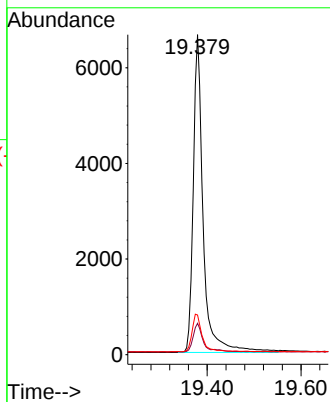
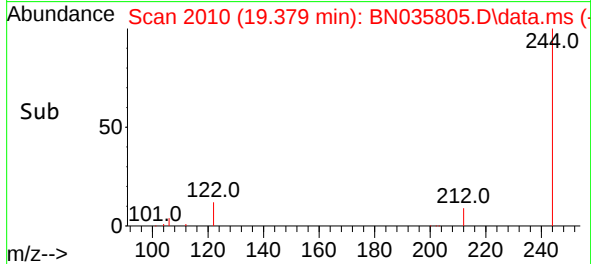
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241212



Tgt Ion:244 Resp: 976
Ion Ratio Lower Upper
244 100
212 9.8 8.1 12.1
122 12.4 10.3 15.5

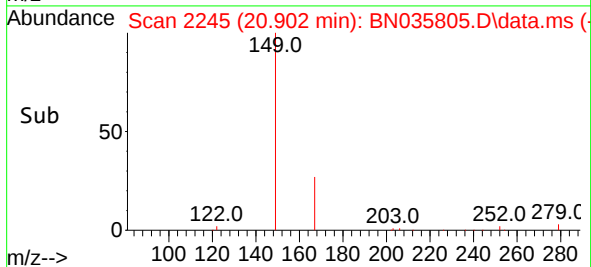
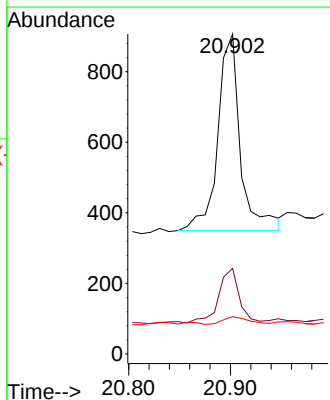
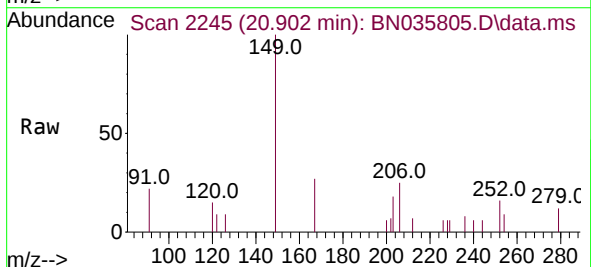
Manual Integrations
APPROVED

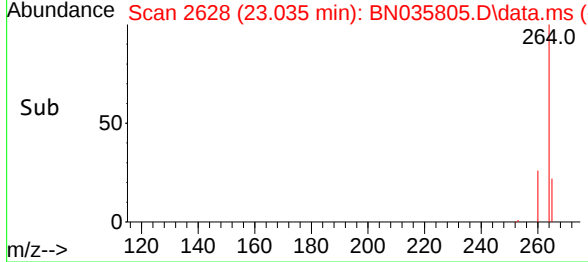
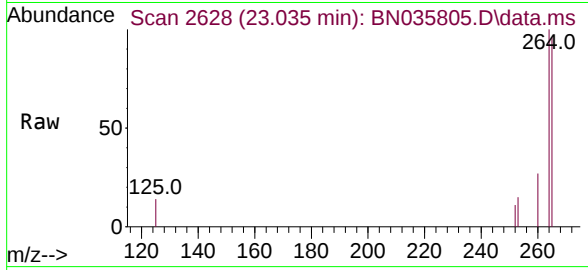
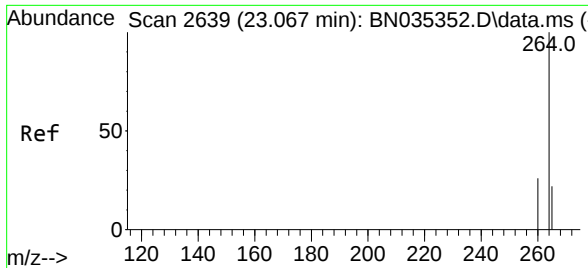
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.085 ng
RT: 20.902 min Scan# 2245
Delta R.T. -0.009 min
Lab File: BN035805.D
Acq: 24 Dec 2024 04:47

Tgt Ion:149 Resp: 858
Ion Ratio Lower Upper
149 100
167 25.2 22.2 33.4
279 4.4 2.7 4.1#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.035 min Scan# 20

Delta R.T. -0.006 min

Lab File: BN035805.D

Acq: 24 Dec 2024 04:47

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-20241212

Tgt Ion:264 Resp: 6598

Ion Ratio Lower Upper

264 100

260 27.2 21.4 32.2

265 96.4 40.2 60.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/24/2024

Supervised By :mohammad ahmed 12/26/2024

