

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035716.D
 Acq On : 19 Dec 2024 22:23
 Operator : RC/JU
 Sample : P5261-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D3-20241209

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 19 23:12:05 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.272	152	3243	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	9120	0.400	ng	# 0.00
13) Acenaphthene-d10	13.935	164	6257	0.400	ng	0.00
19) Phenanthrene-d10	16.711	188	12060	0.400	ng	0.01
29) Chrysene-d12	20.956	240	10841	0.400	ng	0.00
35) Perylene-d12	23.044	264	12188	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	910	0.112	ng	0.00
5) Phenol-d6	6.492	99	515	0.053	ng	0.00
8) Nitrobenzene-d5	8.408	82	2040m	0.366	ng	0.00
11) 2-Methylnaphthalene-d10	11.621	152	4807	0.337	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	875	0.197	ng	0.00
15) 2-Fluorobiphenyl	12.544	172	6829	0.289	ng	0.00
27) Fluoranthene-d10	18.761	212	12958	0.379	ng	0.00
31) Terphenyl-d14	19.389	244	13031	0.609	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.063	128	552	0.023	ng	# 55
34) Bis(2-ethylhexyl)phtha...	20.911	149	1257	0.084	ng	# 98
37) Benzo(b)fluoranthene	22.436	252	1246	0.028	ng	# 1

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

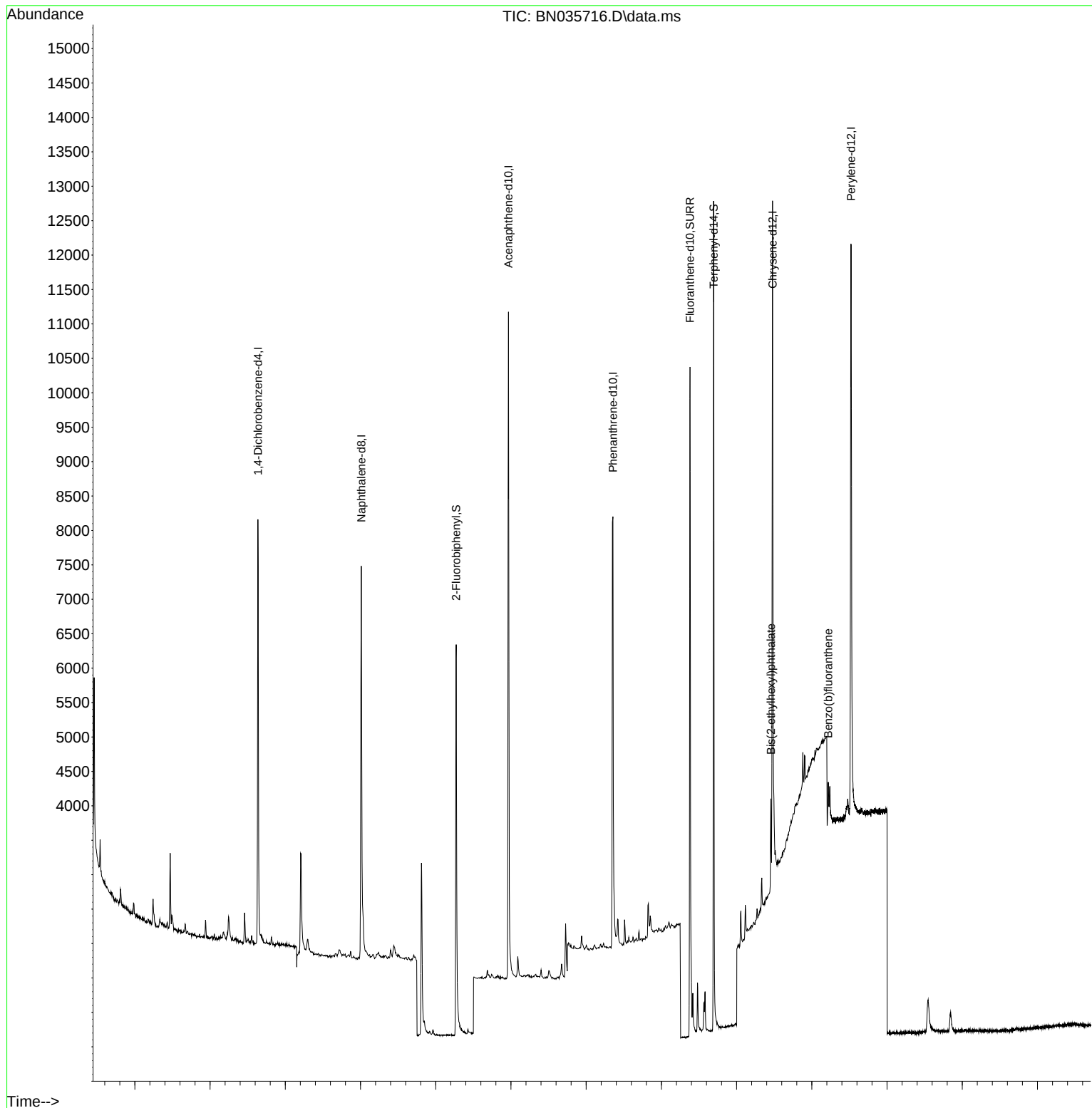
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035716.D
Acq On : 19 Dec 2024 22:23
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ALS Vial : 7 Sample Multiplier: 1

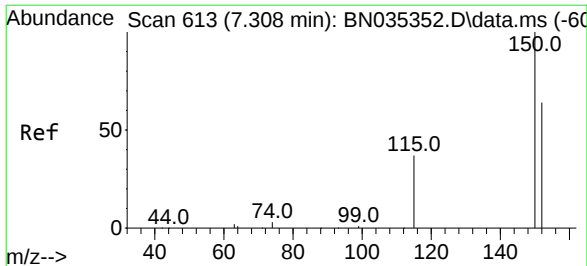
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RE122D3-20241209

Quant Time: Dec 19 23:12:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
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QLast Update : Thu Dec 19 23:06:19 2024
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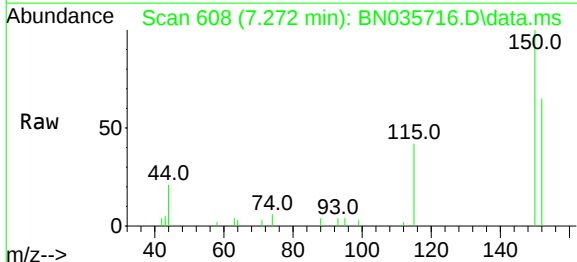
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.272 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN035716.D
Acq: 19 Dec 2024 22:23

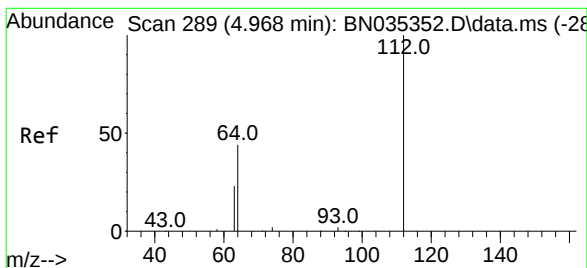
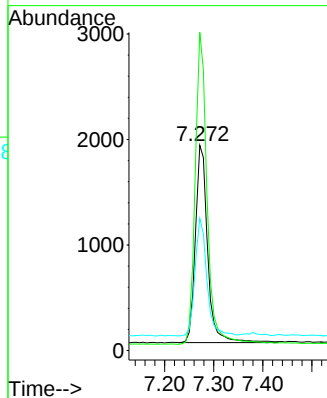
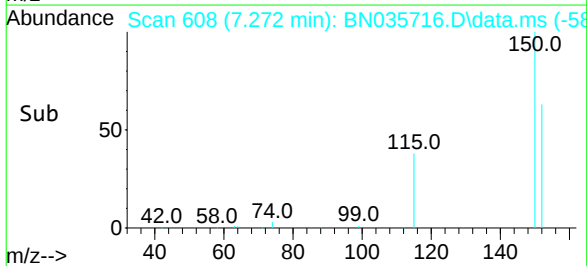
Instrument :
BNA_N
ClientSampleId :
RE122D3-20241209



Tgt Ion:152 Resp: 3243
Ion Ratio Lower Upper
152 100
150 155.0 124.0 186.0
115 64.4 49.6 74.4

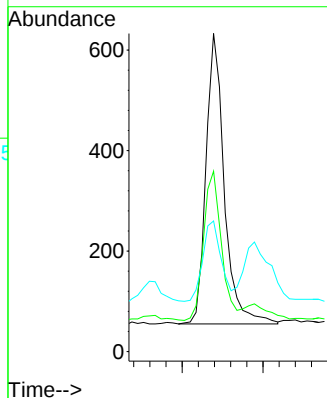
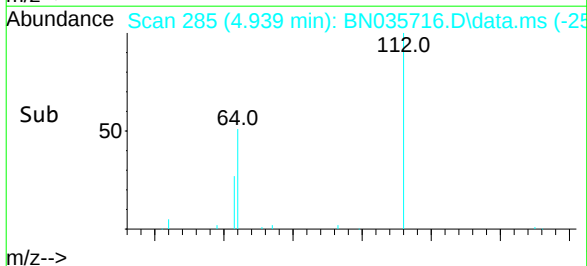
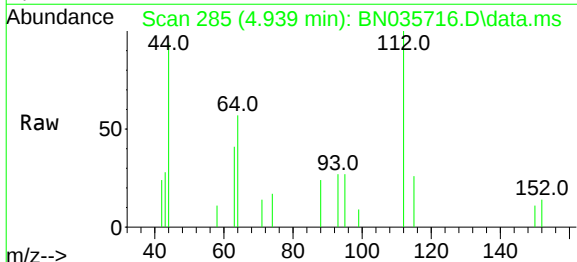
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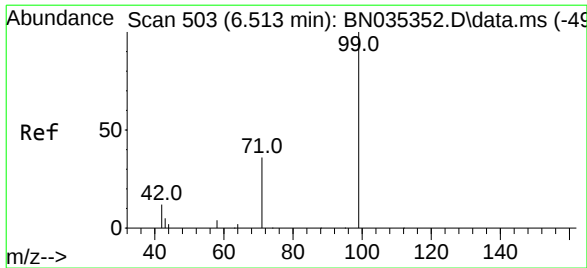
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#4
2-Fluorophenol
Concen: 0.112 ng
RT: 4.939 min Scan# 285
Delta R.T. -0.000 min
Lab File: BN035716.D
Acq: 19 Dec 2024 22:23

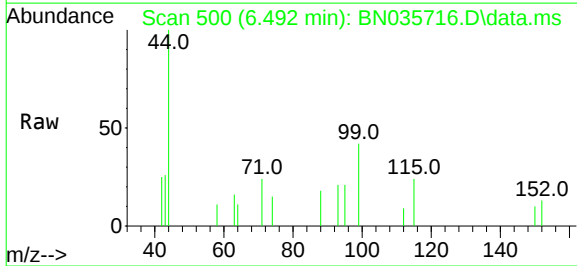
Tgt Ion:112 Resp: 910
Ion Ratio Lower Upper
112 100
64 51.0 39.8 59.8
63 27.9 21.0 31.6





#5
Phenol-d6
Concen: 0.053 ng
RT: 6.492 min Scan# 503
Delta R.T. -0.000 min
Lab File: BN035716.D
Acq: 19 Dec 2024 22:23

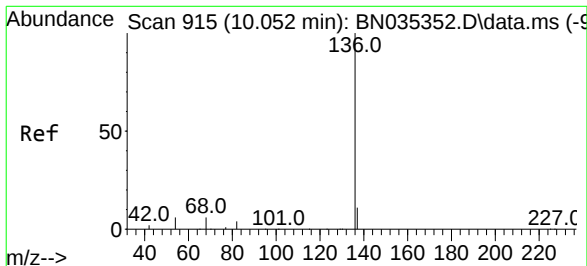
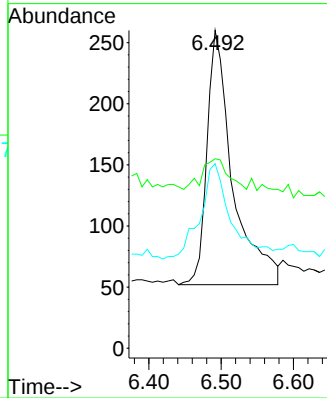
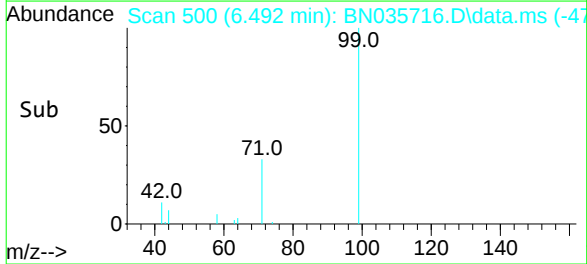
Instrument :
BNA_N
ClientSampleId :
RE122D3-20241209



Tgt Ion: 99 Resp: 515
Ion Ratio Lower Upper
99 100
42 12.8 11.4 17.2
71 45.0 29.3 43.9#

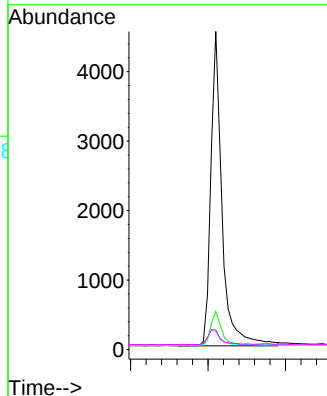
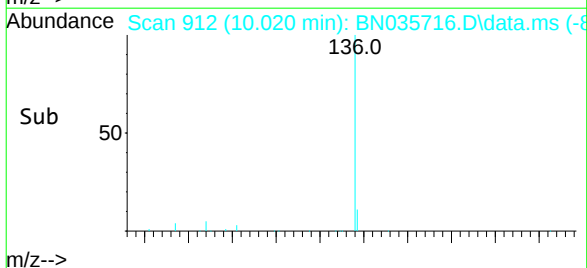
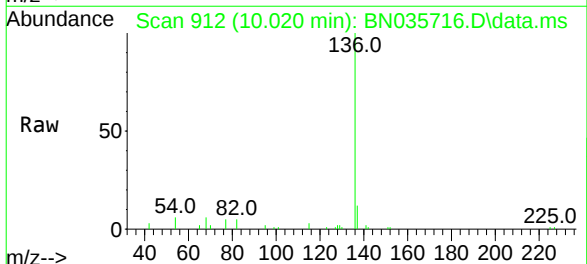
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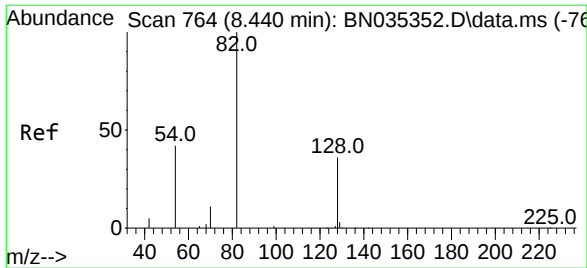
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 912
Delta R.T. -0.000 min
Lab File: BN035716.D
Acq: 19 Dec 2024 22:23

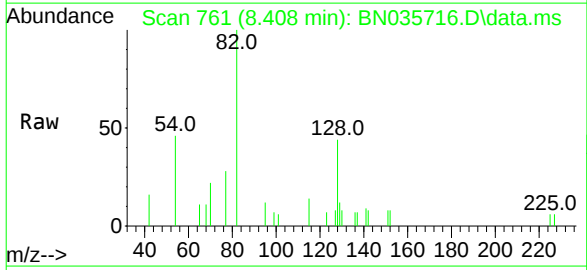
Tgt Ion:136 Resp: 9120
Ion Ratio Lower Upper
136 100
137 12.0 10.2 15.2
54 5.6 6.1 9.1#
68 6.1 6.4 9.6#





#8
Nitrobenzene-d5
Concen: 0.366 ng m
RT: 8.408 min Scan# 764
Delta R.T. -0.000 min
Lab File: BN035716.D
Acq: 19 Dec 2024 22:23

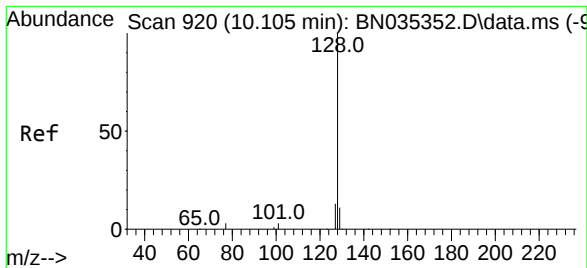
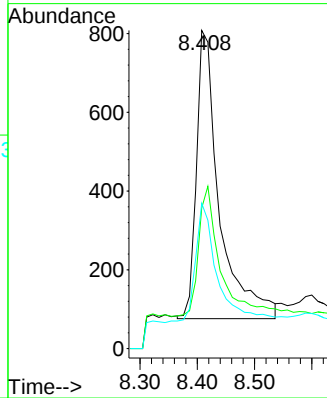
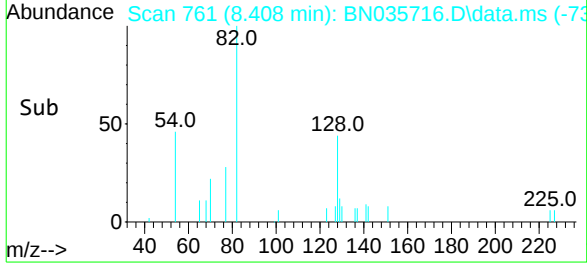
Instrument :
BNA_N
ClientSampleId :
RE122D3-20241209



Tgt Ion: 82 Resp: 2040
Ion Ratio Lower Upper
82 100
128 44.2 33.4 50.0
54 45.7 36.7 55.1

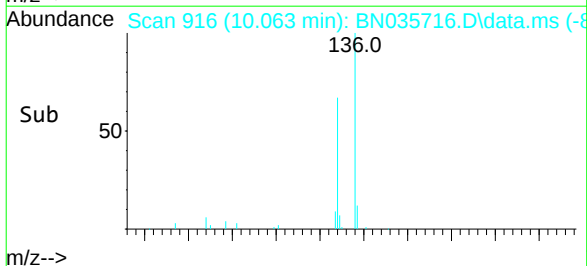
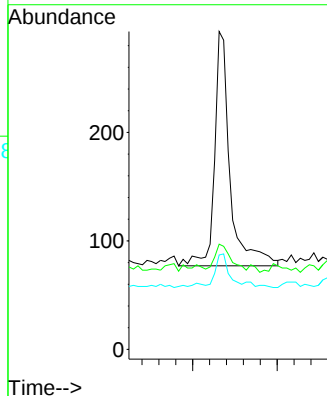
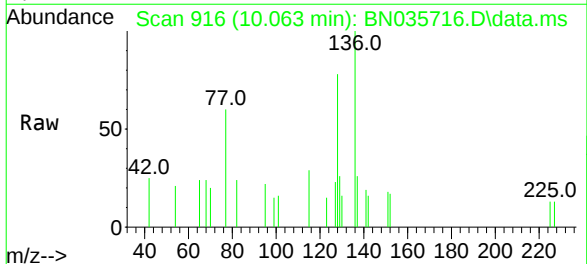
Manual Integrations
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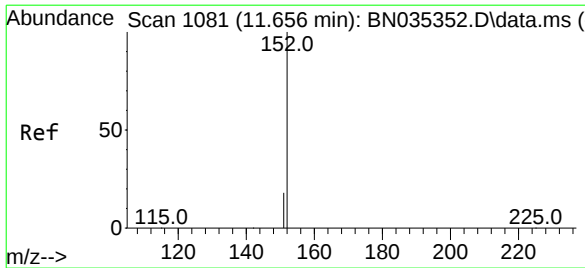
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#9
Naphthalene
Concen: 0.023 ng
RT: 10.063 min Scan# 916
Delta R.T. -0.000 min
Lab File: BN035716.D
Acq: 19 Dec 2024 22:23

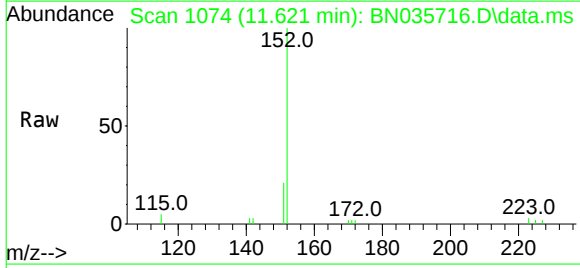
Tgt Ion:128 Resp: 552
Ion Ratio Lower Upper
128 100
129 33.1 9.8 14.6#
127 29.7 11.4 17.2#





#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 11.621 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BN035716.D
Acq: 19 Dec 2024 22:23

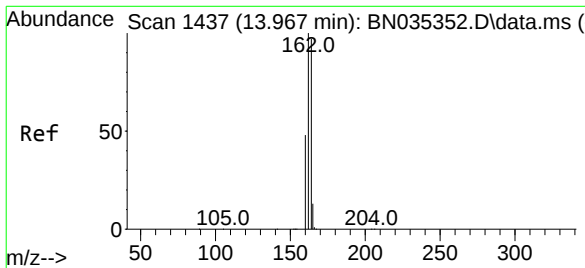
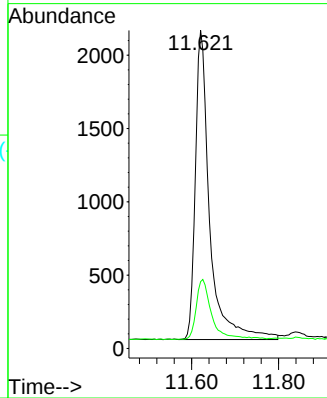
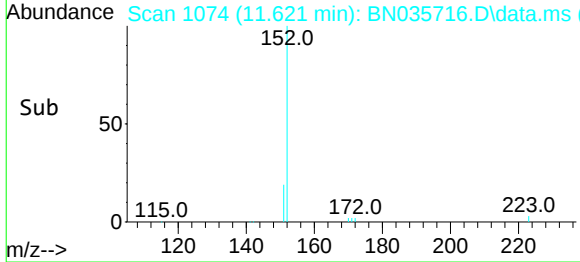
Instrument :
BNA_N
ClientSampleId :
RE122D3-20241209



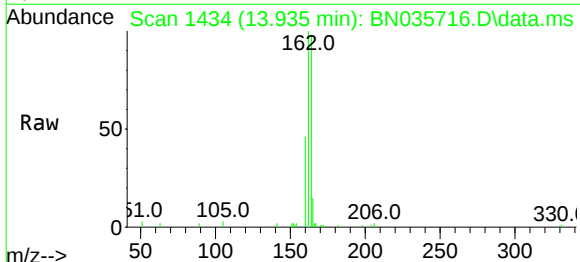
Tgt Ion:152 Resp: 4807
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0

Manual Integrations
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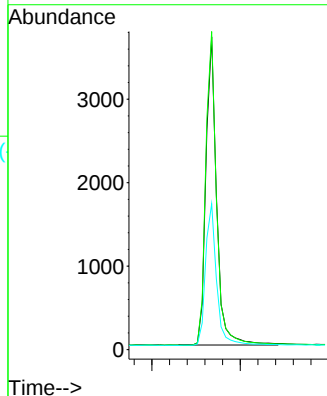
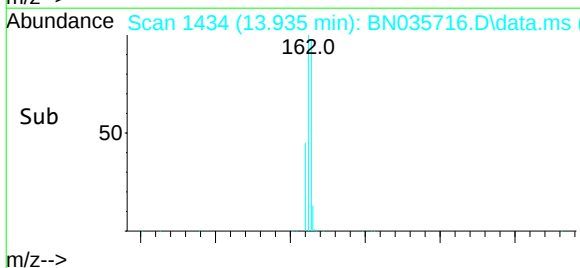
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

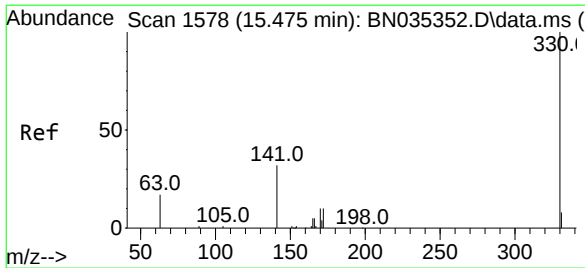


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN035716.D
Acq: 19 Dec 2024 22:23



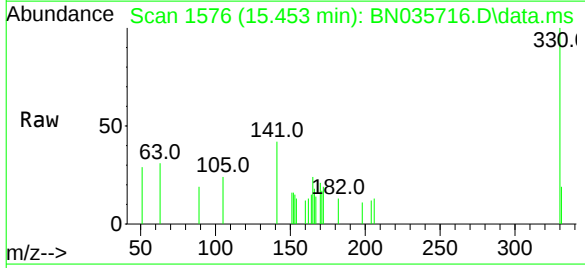
Tgt Ion:164 Resp: 6257
Ion Ratio Lower Upper
164 100
162 101.7 82.2 123.2
160 46.6 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.197 ng
RT: 15.453 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN035716.D
Acq: 19 Dec 2024 22:23

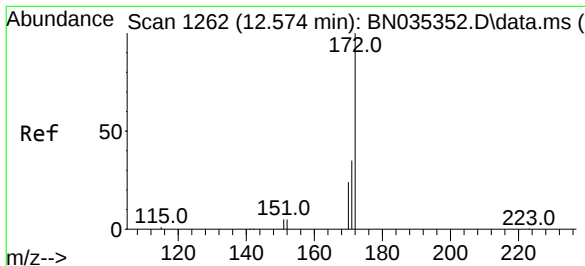
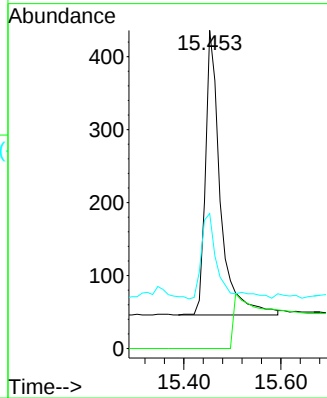
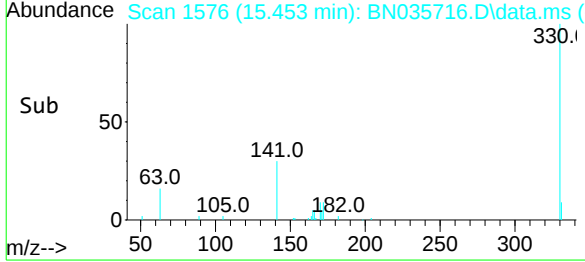
Instrument :
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ClientSampleId :
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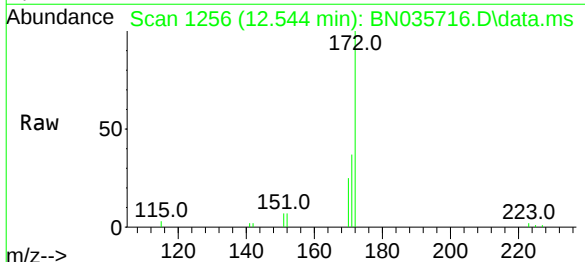
Tgt Ion:	330	Resp:	875
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	28.3	26.6	40.0

Manual Integrations
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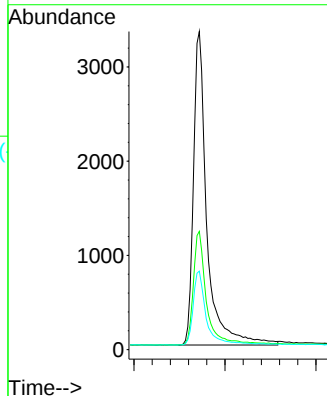
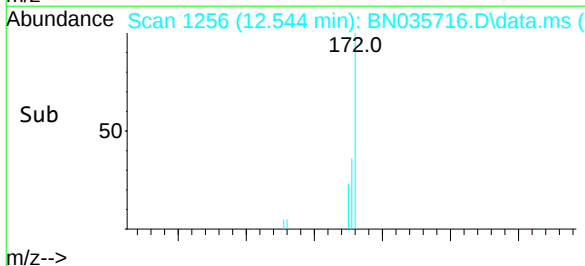
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

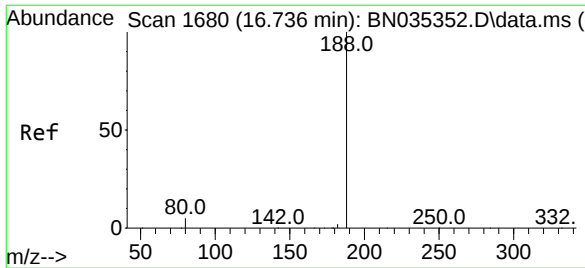


#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 12.544 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BN035716.D
Acq: 19 Dec 2024 22:23



Tgt Ion:	172	Resp:	6829
Ion Ratio	Lower	Upper	
172	100		
171	37.2	29.0	43.4
170	24.7	19.8	29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.711 min Scan# 16

Delta R.T. 0.012 min

Lab File: BN035716.D

Acq: 19 Dec 2024 22:23

Instrument :

BNA_N

ClientSampleId :

RE122D3-20241209

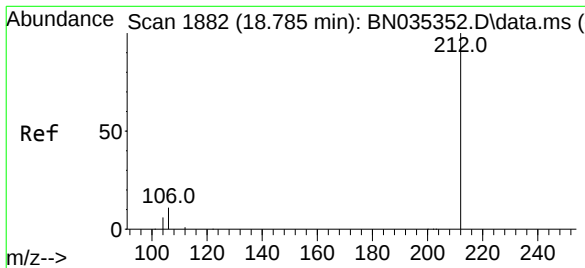
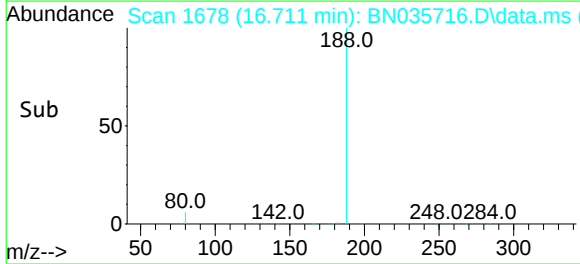
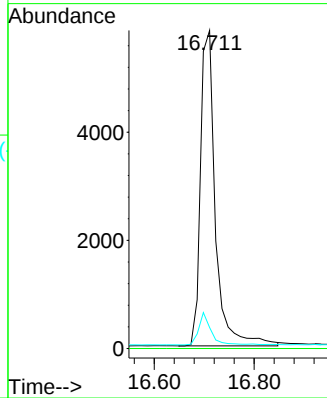
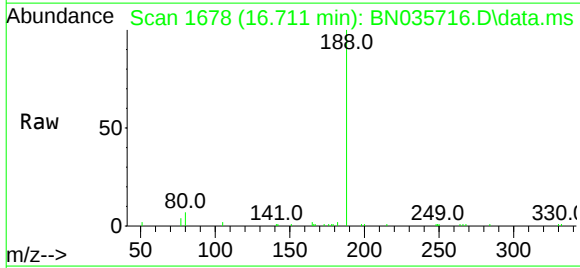
Tgt Ion:	188	Resp:	12060
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.6	4.6	6.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/24/2024



#27

Fluoranthene-d10

Concen: 0.379 ng

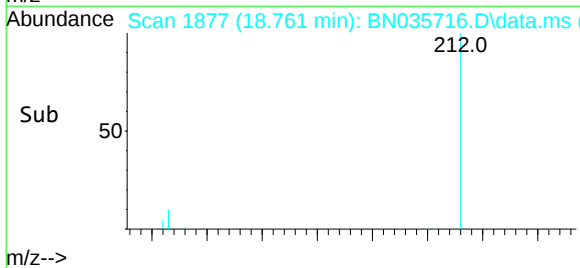
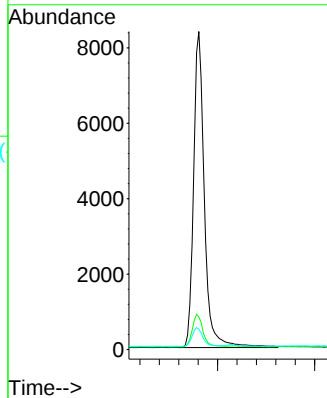
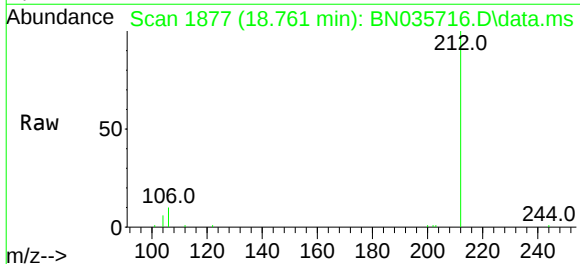
RT: 18.761 min Scan# 1877

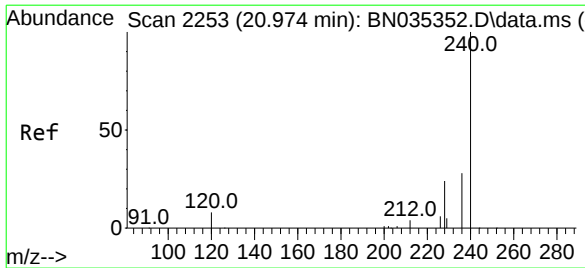
Delta R.T. -0.000 min

Lab File: BN035716.D

Acq: 19 Dec 2024 22:23

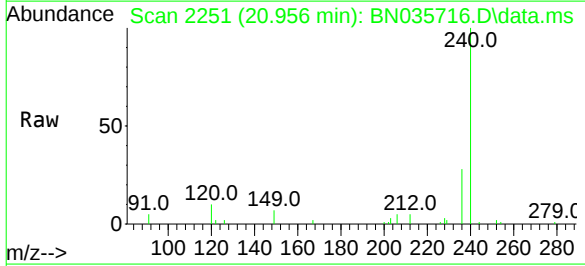
Tgt Ion:	212	Resp:	12958
Ion Ratio	Lower	Upper	
212	100		
106	10.3	9.2	13.8
104	5.9	5.3	7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN035716.D
Acq: 19 Dec 2024 22:23

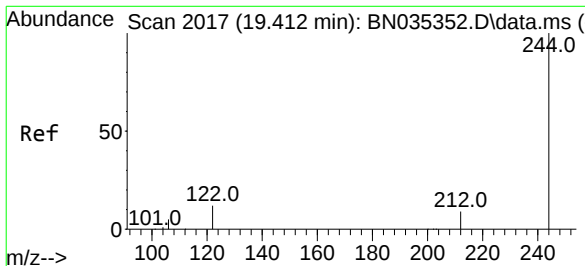
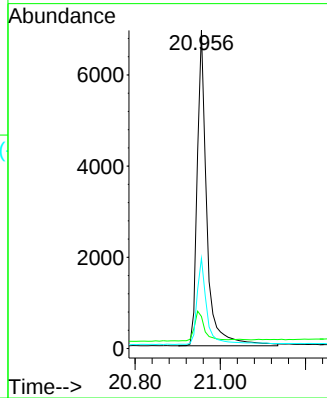
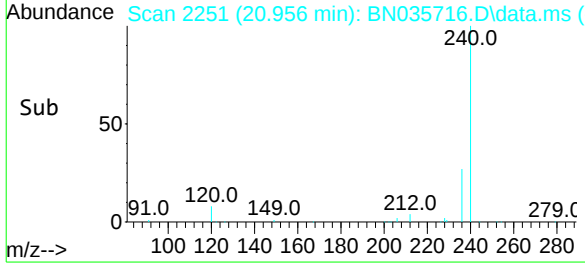
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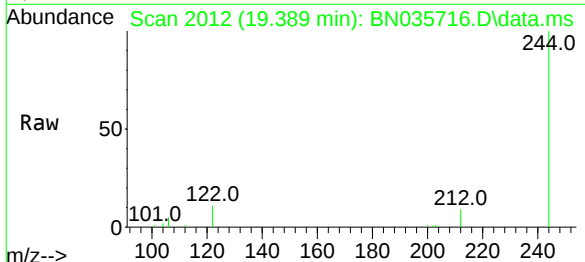
Tgt Ion: 240 Resp: 10841
Ion Ratio Lower Upper
240 100
120 10.1 7.9 11.9
236 28.3 22.9 34.3

Manual Integrations
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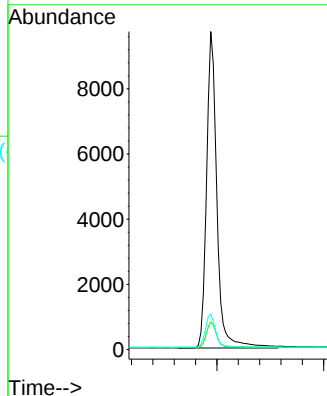
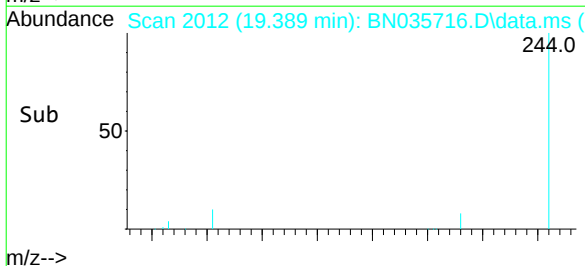
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

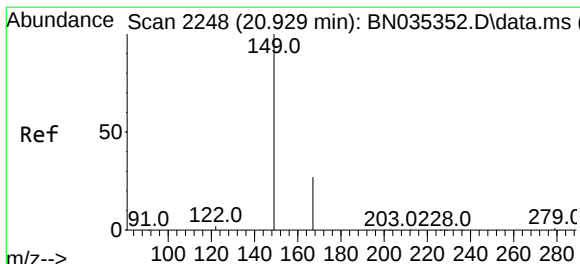


#31
Terphenyl-d14
Concen: 0.609 ng
RT: 19.389 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN035716.D
Acq: 19 Dec 2024 22:23



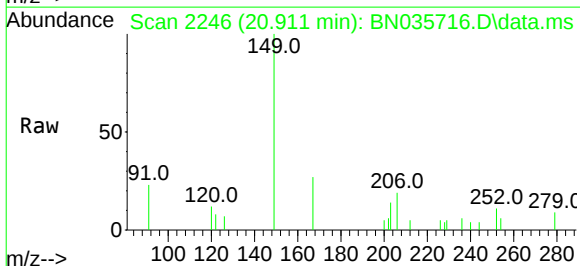
Tgt Ion: 244 Resp: 13031
Ion Ratio Lower Upper
244 100
212 8.6 8.1 12.1
122 11.1 10.3 15.5





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.084 ng
RT: 20.911 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BN035716.D
Acq: 19 Dec 2024 22:23

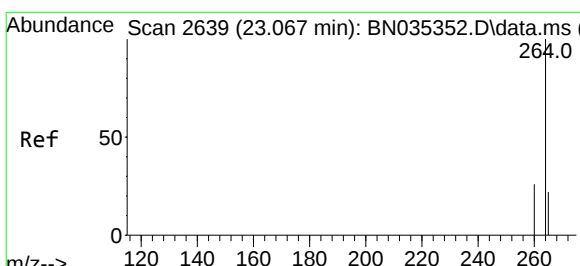
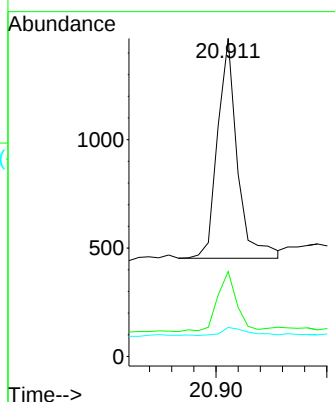
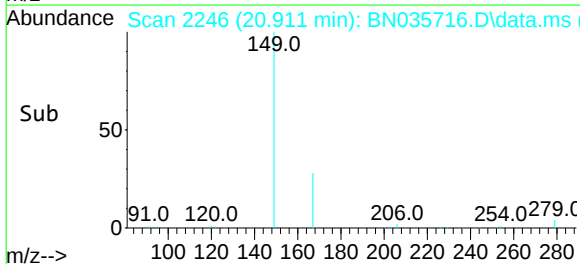
Instrument :
BNA_N
ClientSampleId :
RE122D3-20241209



Tgt Ion:	149	Resp:	1257
Ion Ratio	100	Lower	Upper
149	100		
167	26.7	22.2	33.4
279	4.4	2.7	4.1#

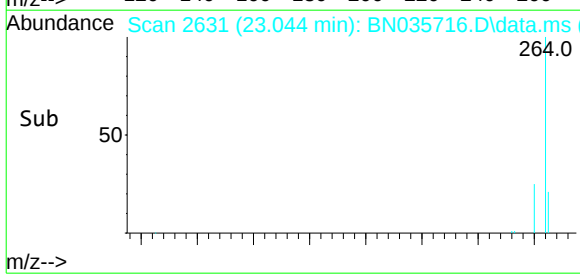
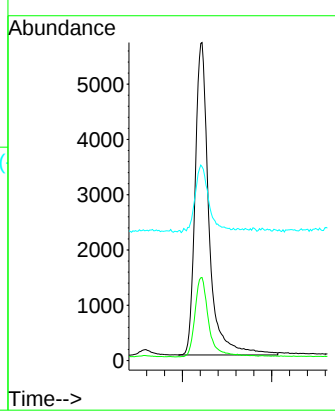
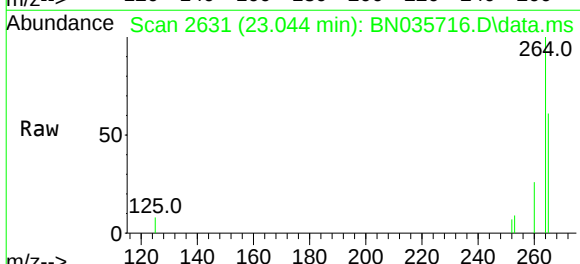
Manual Integrations
APPROVED

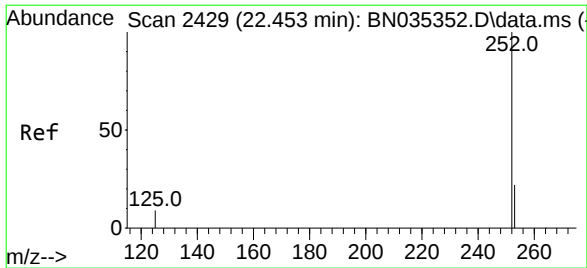
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.044 min Scan# 2631
Delta R.T. 0.003 min
Lab File: BN035716.D
Acq: 19 Dec 2024 22:23

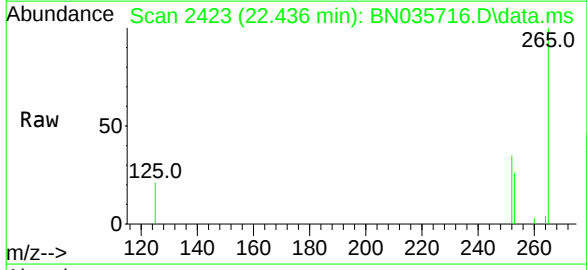
Tgt Ion:	264	Resp:	12188
Ion Ratio	100	Lower	Upper
264	100		
260	26.1	21.4	32.2
265	60.9	40.2	60.4#





Benzo(b)fluoranthene
Concen: 0.028 ng
RT: 22.436 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BN035716.D
Acq: 19 Dec 2024 22:23

Instrument :
BNA_N
ClientSampleId :
RE122D3-20241209



Tgt Ion:	252	Resp:	1246
Ion	Ratio	Lower	Upper
252	100		
253	73.6	19.6	29.4#
125	61.2	9.6	14.4#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

