

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035789.D
 Acq On : 23 Dec 2024 18:04
 Operator : RC/JU
 Sample : P5317-24
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D2-20241217

Quant Time: Dec 24 00:12:45 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	7.264	152	2957	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	6578	0.400	ng	0.00
13) Acenaphthene-d10	13.924	164	3744	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	7039	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	5995	0.400	ng	# 0.00
35) Perylene-d12	23.032	264	6063	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	1119	0.151	ng	0.00
5) Phenol-d6	6.492	99	578	0.065	ng	0.00
8) Nitrobenzene-d5	8.418	82	1954m	0.486	ng	0.01
11) 2-Methylnaphthalene-d10	11.626	152	4136	0.402	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	612	0.230	ng	0.00
15) 2-Fluorobiphenyl	12.544	172	6263	0.443	ng	0.00
27) Fluoranthene-d10	18.752	212	10140	0.508	ng	0.00
31) Terphenyl-d14	19.379	244	8983	0.760	ng	0.00
Target Compounds						Qvalue
28) Fluoranthene	18.785	202	946	0.036	ng	97
30) Pyrene	19.156	202	444	0.020	ng	97
33) Chrysene	20.991	228	617	0.029	ng	# 78
34) Bis(2-ethylhexyl)phtha...	20.902	149	641	0.077	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.085	276	704	0.030	ng	# 64
37) Benzo(b)fluoranthene	22.430	252	943	0.043	ng	# 1
38) Benzo(k)fluoranthene	22.471	252	1027m	0.047	ng	
41) Benzo(g,h,i)perylene	25.687	276	423	0.022	ng	# 24

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

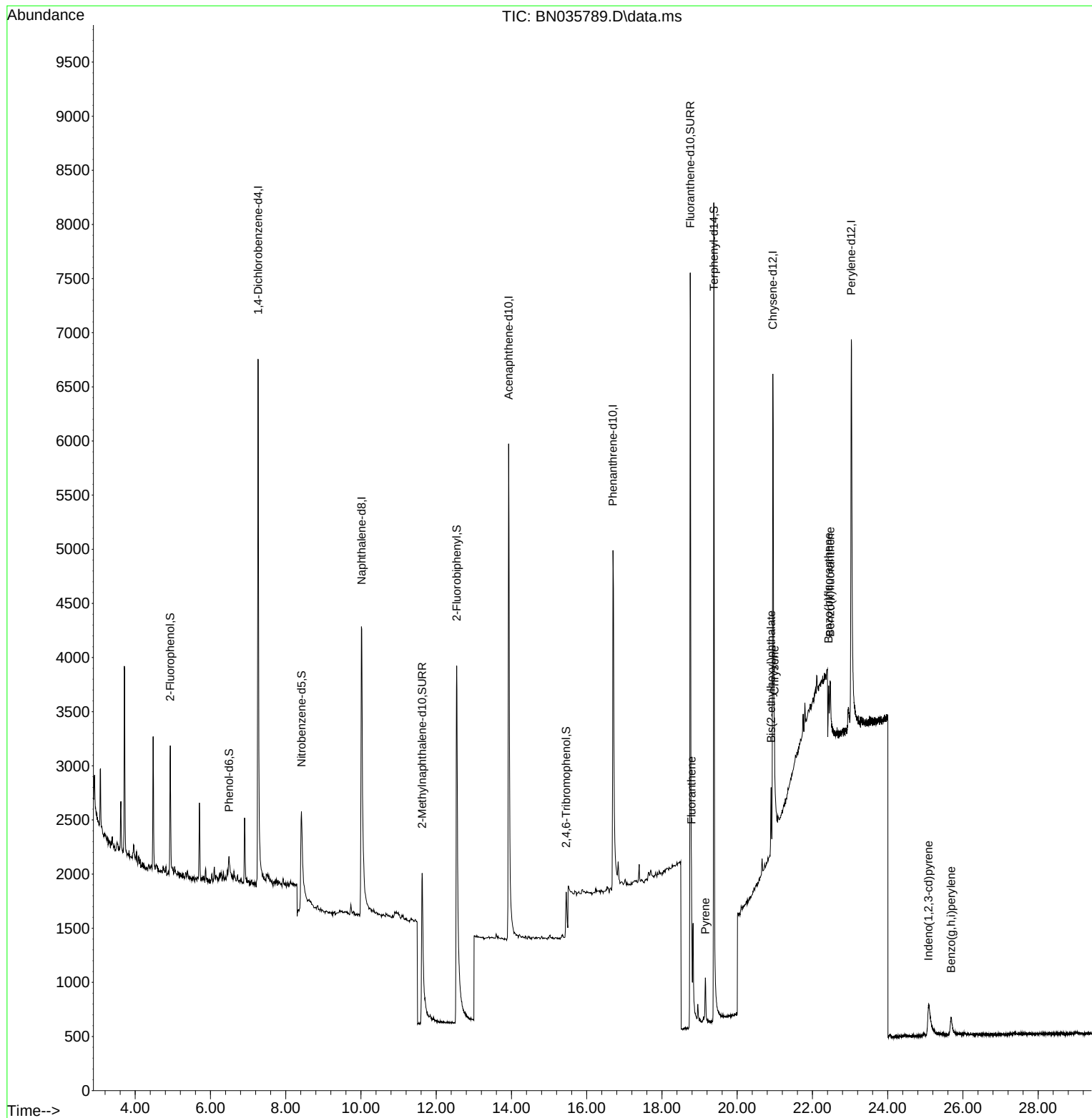
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035789.D
Acq On : 23 Dec 2024 18:04
Operator : RC/JU
Sample : P5317-24
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ALS Vial : 71 Sample Multiplier: 1

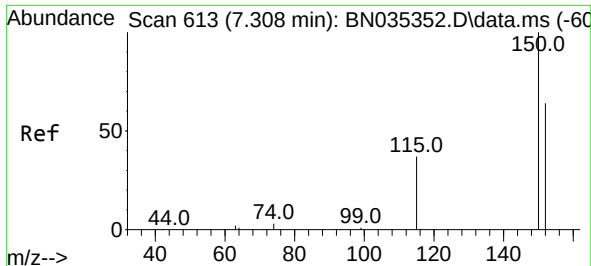
Instrument :
BNA_N
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RW8-MW01D2-20241217

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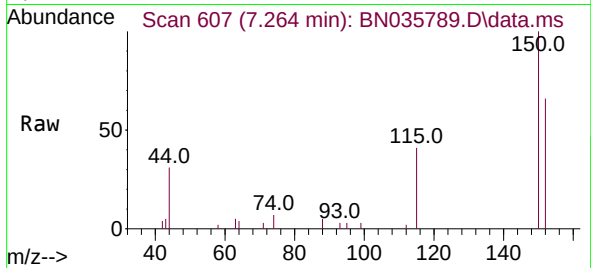
Quant Time: Dec 24 00:12:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 607
Delta R.T. -0.008 min
Lab File: BN035789.D
Acq: 23 Dec 2024 18:04

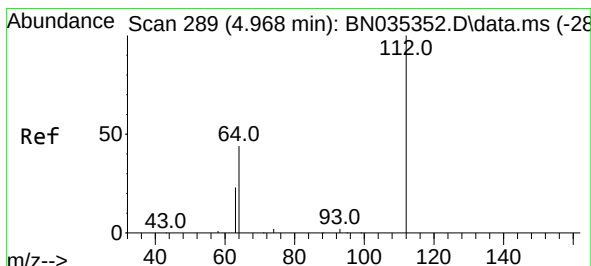
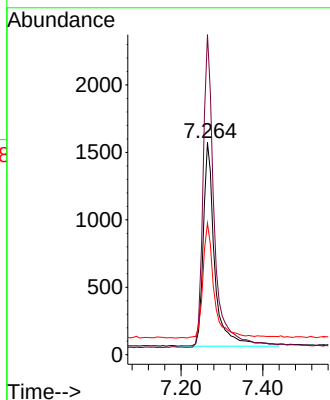
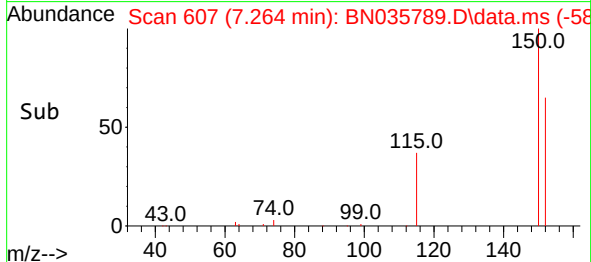
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20241217



Tgt Ion:152 Resp: 295
Ion Ratio Lower Upper
152 100
150 150.9 124.0 186.0
115 62.0 49.6 74.4

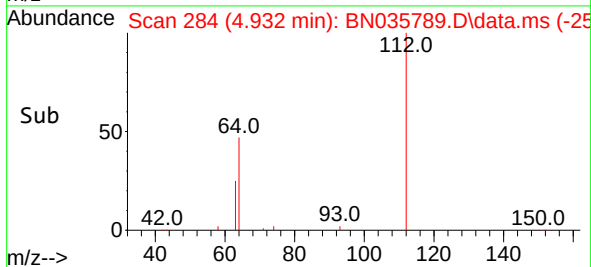
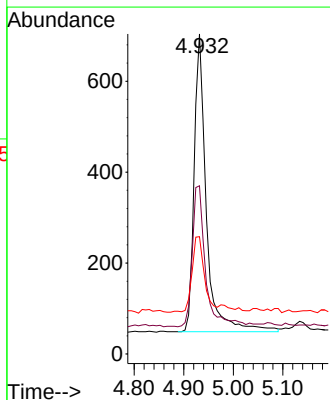
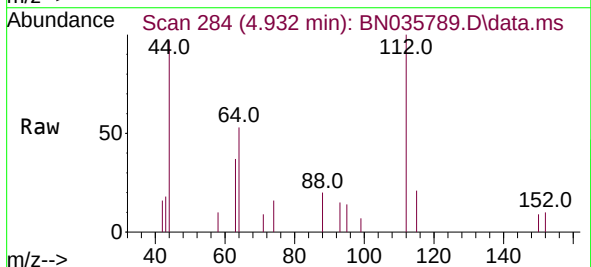
Manual Integrations
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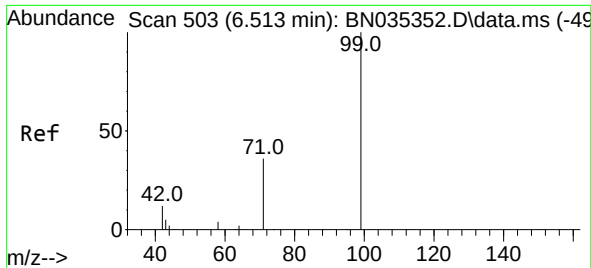
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#4
2-Fluorophenol
Concen: 0.151 ng
RT: 4.932 min Scan# 284
Delta R.T. -0.007 min
Lab File: BN035789.D
Acq: 23 Dec 2024 18:04

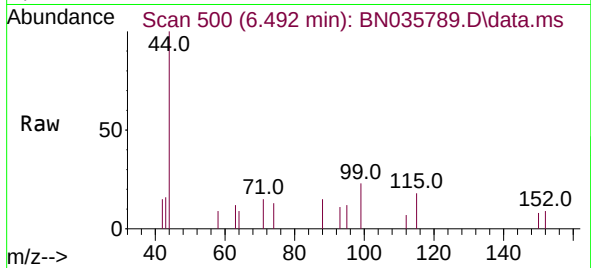
Tgt Ion:112 Resp: 1119
Ion Ratio Lower Upper
112 100
64 51.3 39.8 59.8
63 25.6 21.0 31.6





#5
Phenol-d6
Concen: 0.065 ng
RT: 6.492 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035789.D
Acq: 23 Dec 2024 18:04

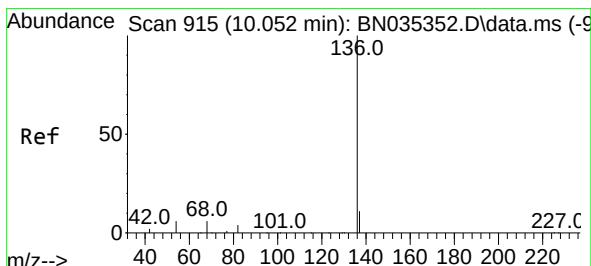
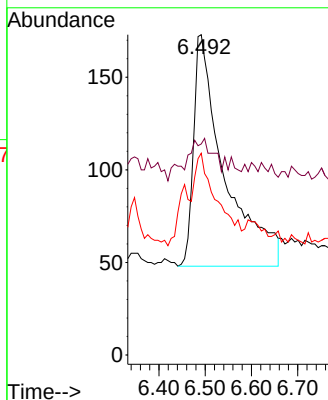
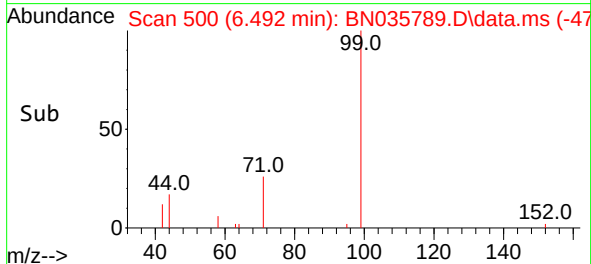
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20241217



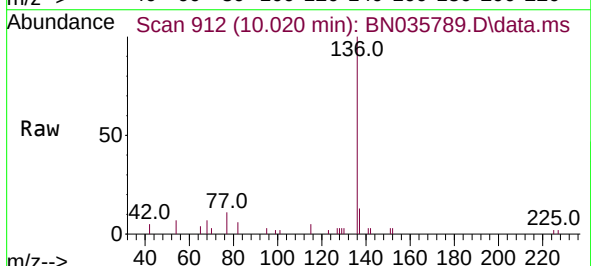
Tgt Ion: 99 Resp: 578
Ion Ratio Lower Upper
99 100
42 9.7 11.4 17.2
71 26.0 29.3 43.9

Manual Integrations
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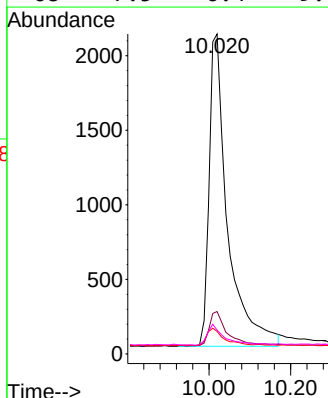
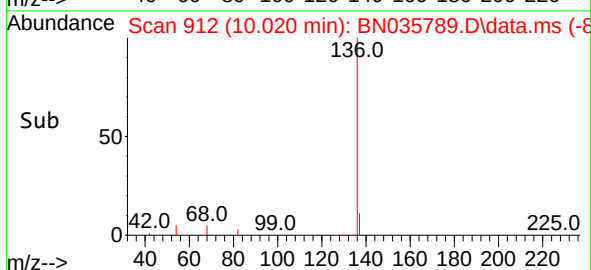
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Supervised By :mohammad ahmed 12/26/2024

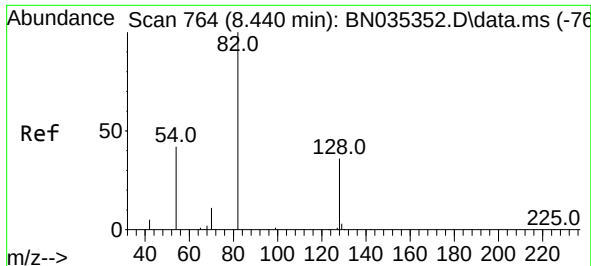


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 912
Delta R.T. -0.000 min
Lab File: BN035789.D
Acq: 23 Dec 2024 18:04



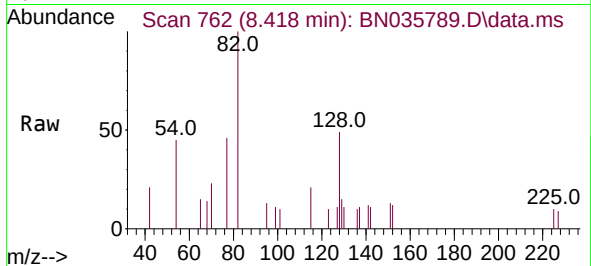
Tgt Ion:136 Resp: 6578
Ion Ratio Lower Upper
136 100
137 13.3 10.2 15.2
54 7.1 6.1 9.1
68 7.5 6.4 9.6





#8
Nitrobenzene-d5
Concen: 0.486 ng m
RT: 8.418 min Scan# 70
Delta R.T. 0.010 min
Lab File: BN035789.D
Acq: 23 Dec 2024 18:04

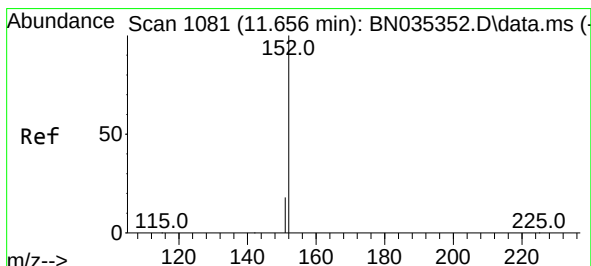
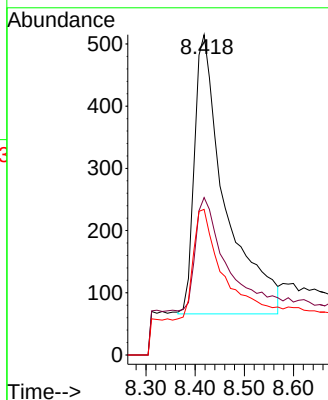
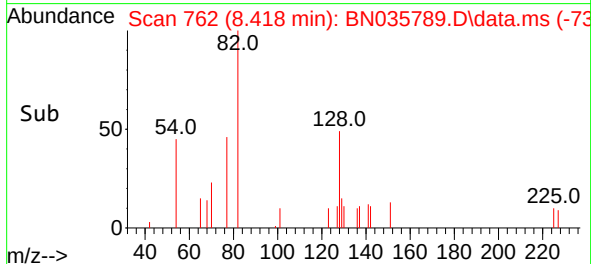
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20241217



Tgt Ion: 82 Resp: 1954
Ion Ratio Lower Upper
82 100
128 49.1 33.4 50.0
54 45.4 36.7 55.1

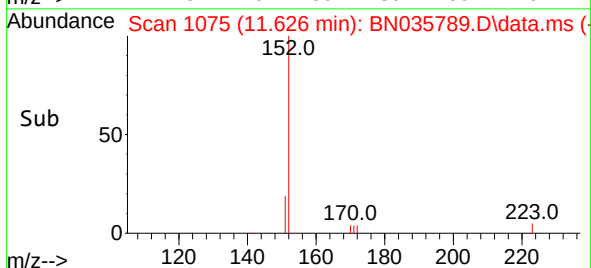
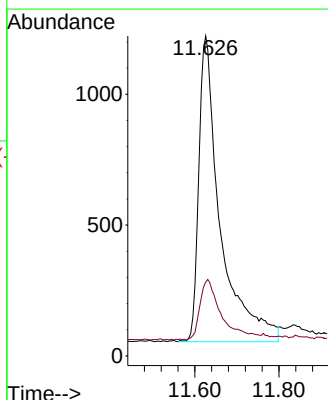
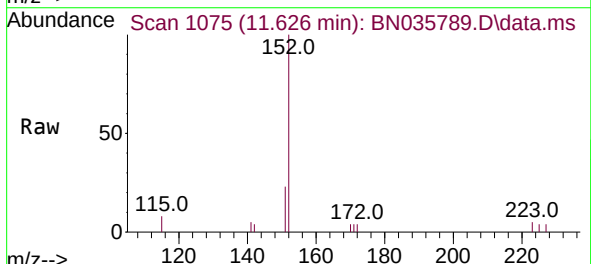
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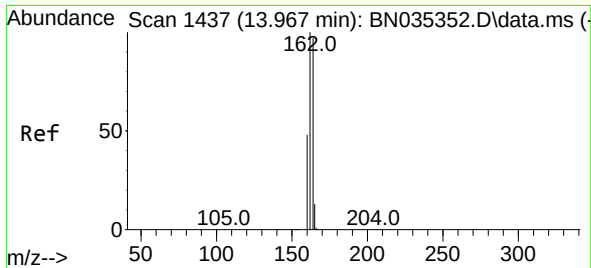
Reviewed By :Yogesh Patel 12/24/2024
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#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 11.626 min Scan# 1075
Delta R.T. 0.005 min
Lab File: BN035789.D
Acq: 23 Dec 2024 18:04

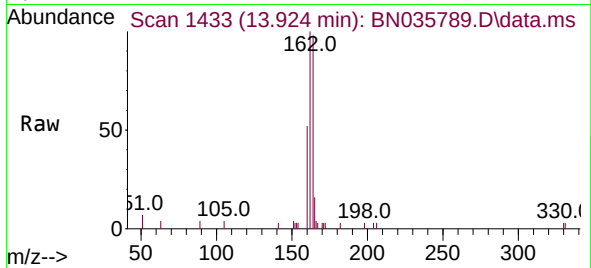
Tgt Ion:152 Resp: 4136
Ion Ratio Lower Upper
152 100
151 20.3 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.924 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035789.D
Acq: 23 Dec 2024 18:04

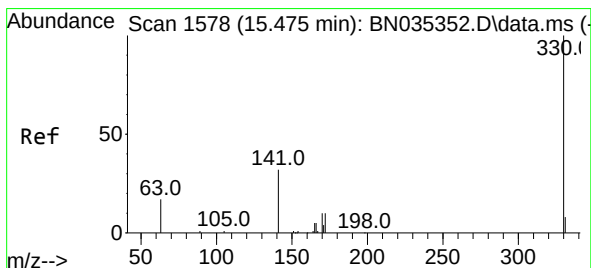
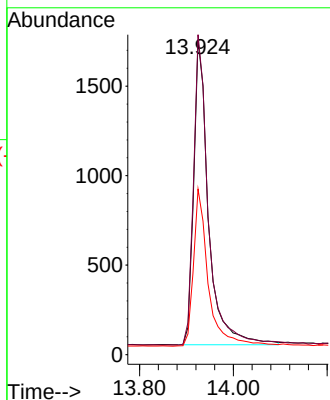
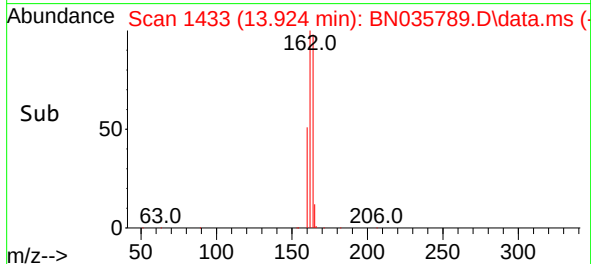
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20241217



Tgt Ion:164 Resp: 3744
Ion Ratio Lower Upper
164 100
162 101.6 82.2 123.2
160 52.6 40.1 60.1

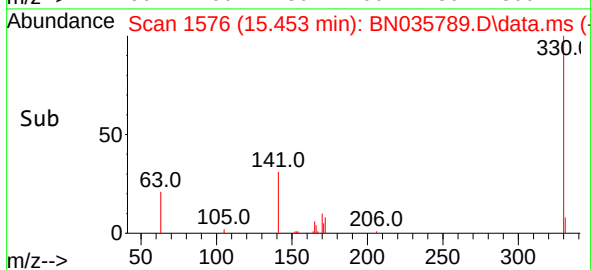
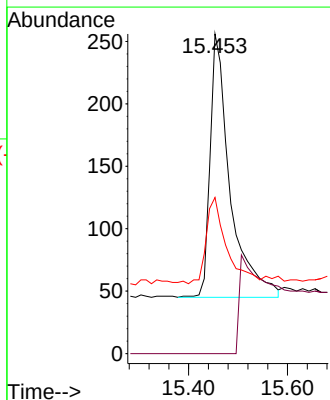
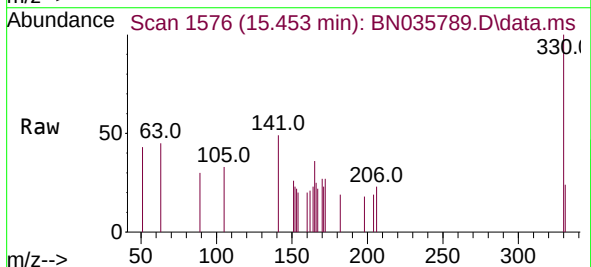
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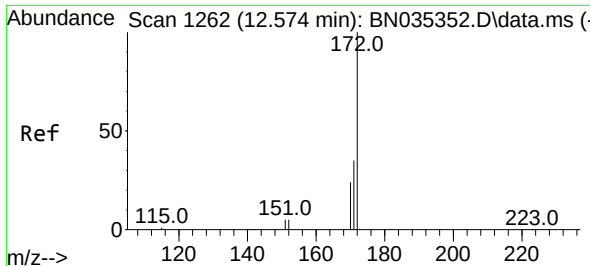
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#14
2,4,6-Tribromophenol
Concen: 0.230 ng
RT: 15.453 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN035789.D
Acq: 23 Dec 2024 18:04

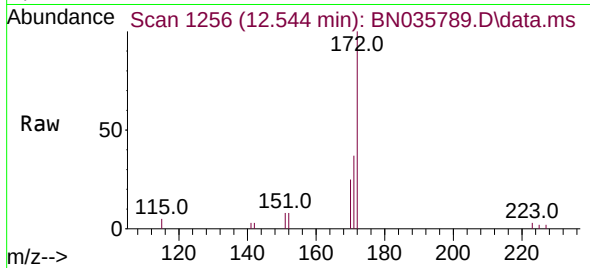
Tgt Ion:330 Resp: 612
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.5 26.6 40.0





#15
2-Fluorobiphenyl
Concen: 0.443 ng
RT: 12.544 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035789.D
Acq: 23 Dec 2024 18:04

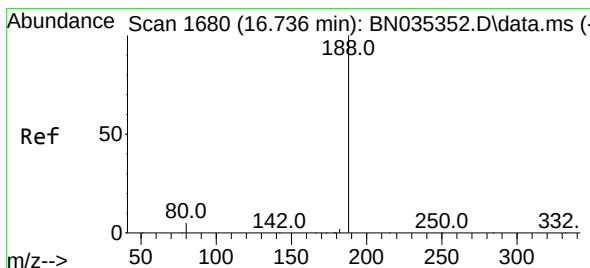
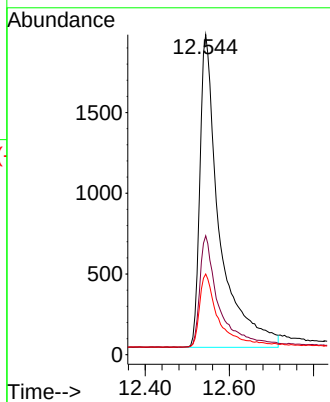
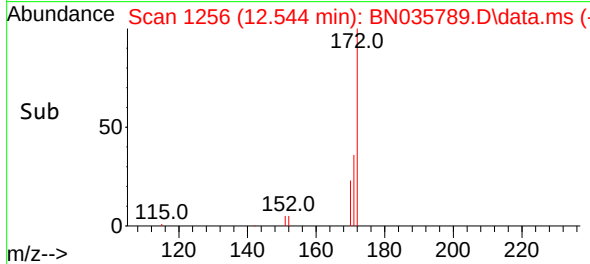
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20241217



Tgt Ion:172 Resp: 626
Ion Ratio Lower Upper
172 100
171 37.2 29.0 43.4
170 25.2 19.8 29.8

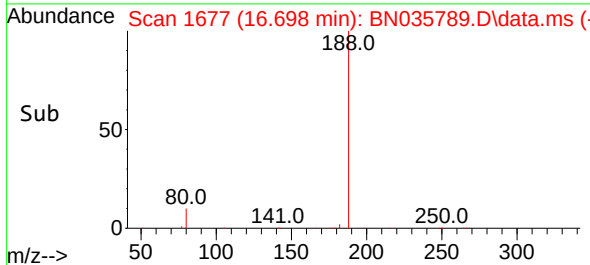
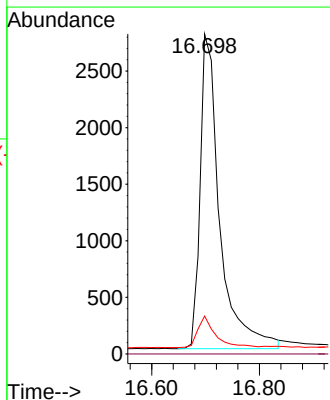
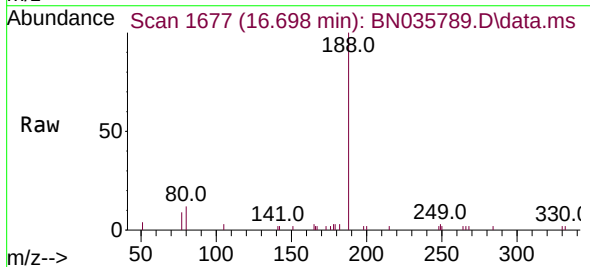
Manual Integrations
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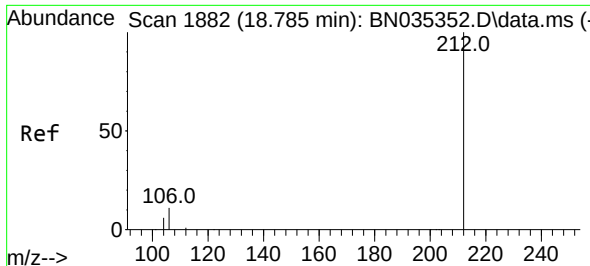
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035789.D
Acq: 23 Dec 2024 18:04

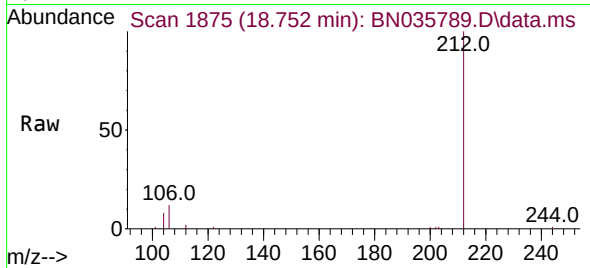
Tgt Ion:188 Resp: 7039
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 4.6 6.8





#27
Fluoranthene-d10
Concen: 0.508 ng
RT: 18.752 min Scan# 1882
Delta R.T. -0.009 min
Lab File: BN035789.D
Acq: 23 Dec 2024 18:04

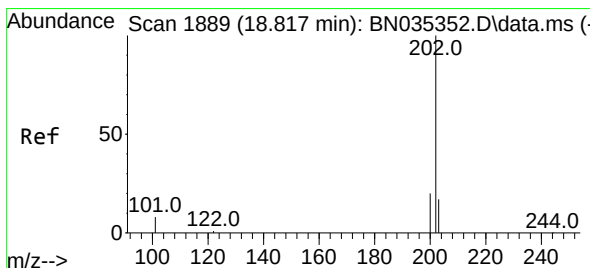
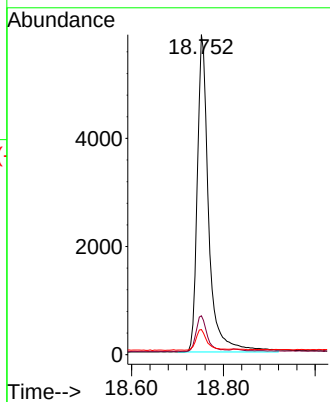
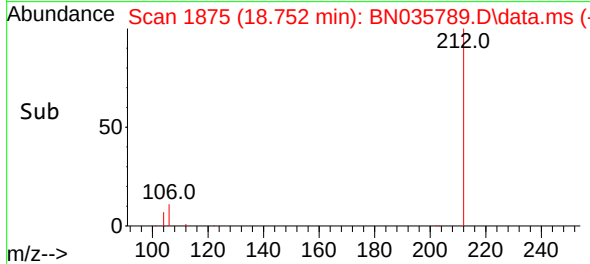
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20241217



Tgt Ion:212 Resp: 10140
Ion Ratio Lower Upper
212 100
106 11.0 9.2 13.8
104 6.3 5.3 7.9

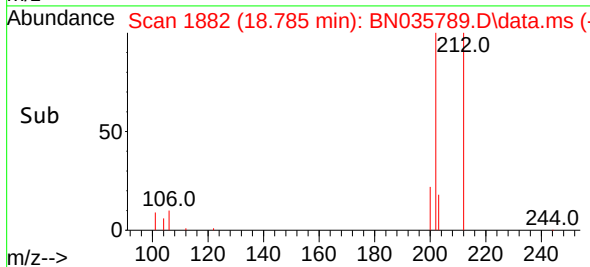
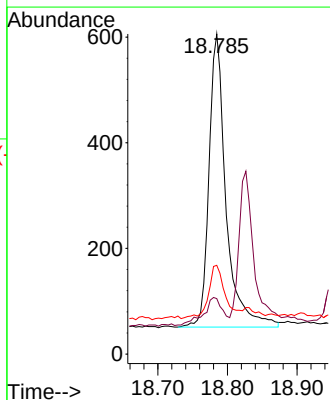
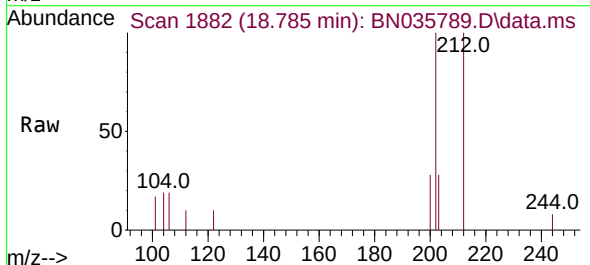
Manual Integrations
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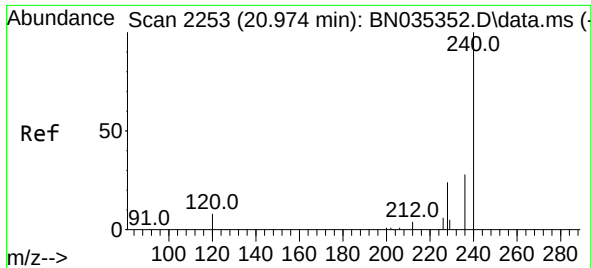
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#28
Fluoranthene
Concen: 0.036 ng
RT: 18.785 min Scan# 1882
Delta R.T. -0.005 min
Lab File: BN035789.D
Acq: 23 Dec 2024 18:04

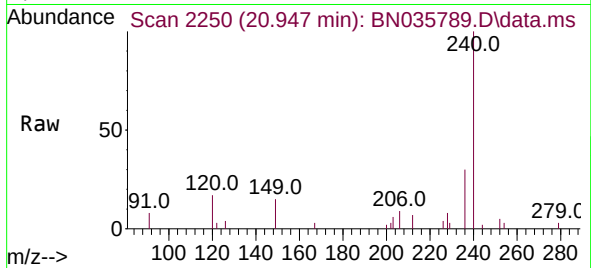
Tgt Ion:202 Resp: 946
Ion Ratio Lower Upper
202 100
101 10.8 7.4 11.0
203 18.2 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035789.D
Acq: 23 Dec 2024 18:04

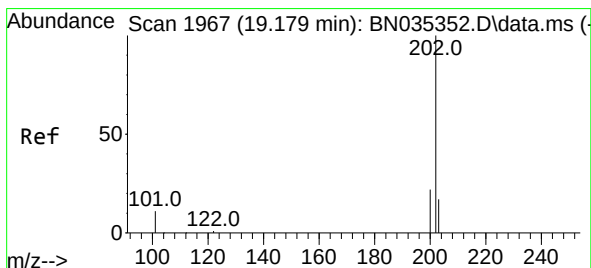
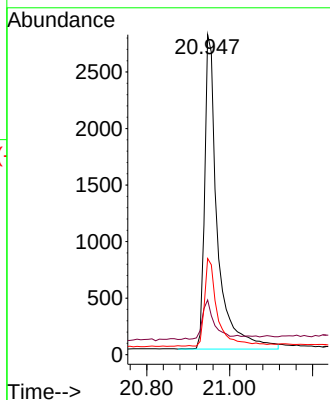
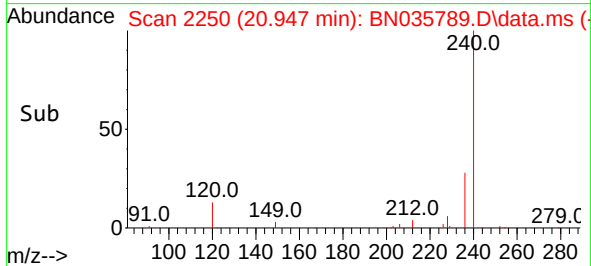
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20241217



Tgt Ion:240 Resp: 599
Ion Ratio Lower Upper
240 100
120 17.1 7.9 11.9
236 30.1 22.9 34.3

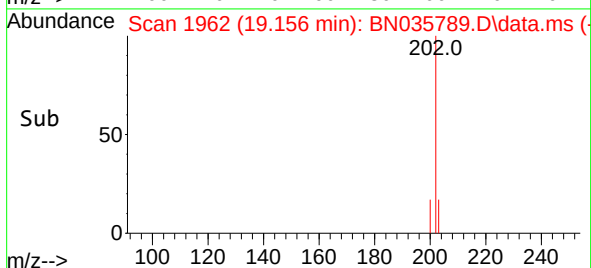
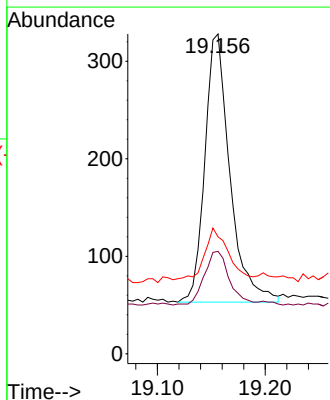
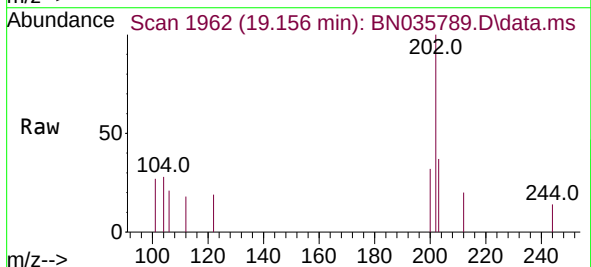
Manual Integrations
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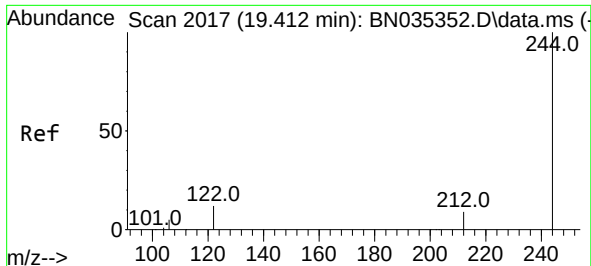
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#30
Pyrene
Concen: 0.020 ng
RT: 19.156 min Scan# 1962
Delta R.T. -0.005 min
Lab File: BN035789.D
Acq: 23 Dec 2024 18:04

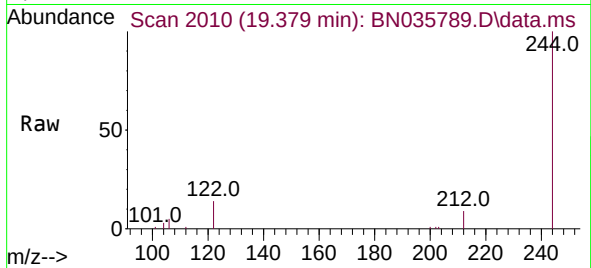
Tgt Ion:202 Resp: 444
Ion Ratio Lower Upper
202 100
200 20.3 17.0 25.4
203 19.4 14.3 21.5





#31
Terphenyl-d14
Concen: 0.760 ng
RT: 19.379 min Scan# 2017
Delta R.T. -0.009 min
Lab File: BN035789.D
Acq: 23 Dec 2024 18:04

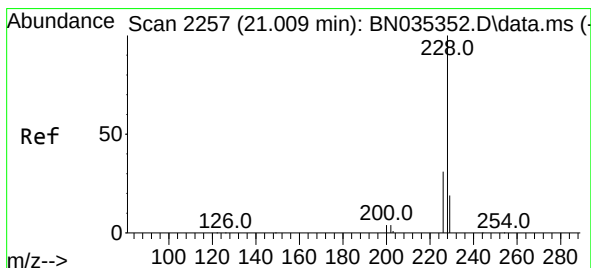
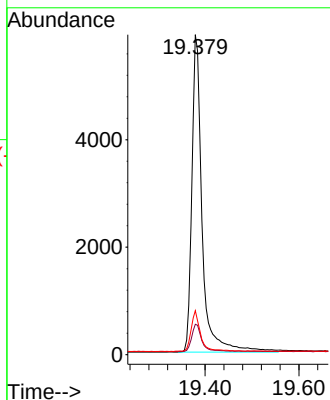
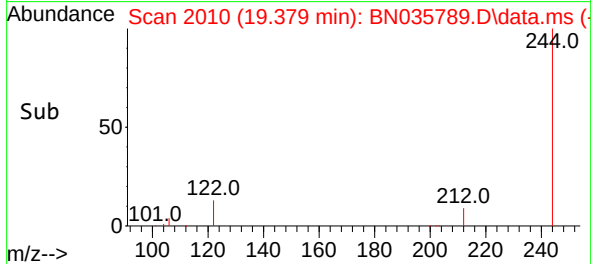
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20241217



Tgt Ion:244 Resp: 898
Ion Ratio Lower Upper
244 100
212 9.5 8.1 12.1
122 13.7 10.3 15.5

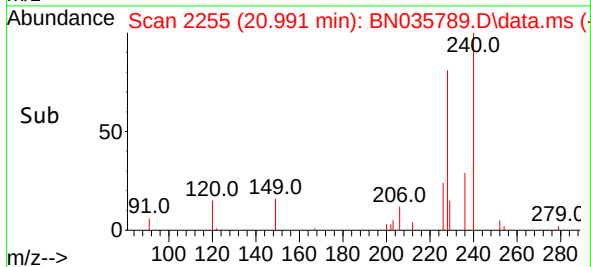
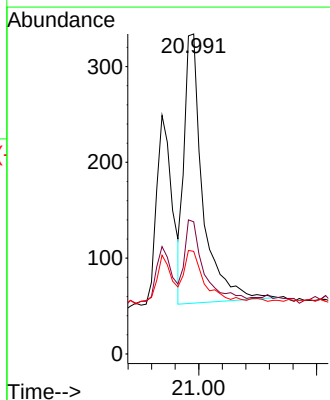
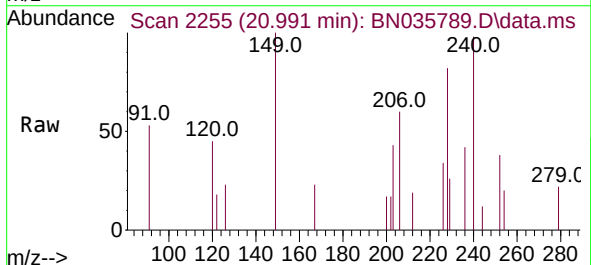
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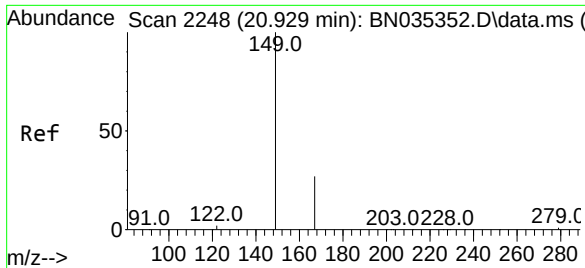
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#33
Chrysene
Concen: 0.029 ng
RT: 20.991 min Scan# 2255
Delta R.T. -0.000 min
Lab File: BN035789.D
Acq: 23 Dec 2024 18:04

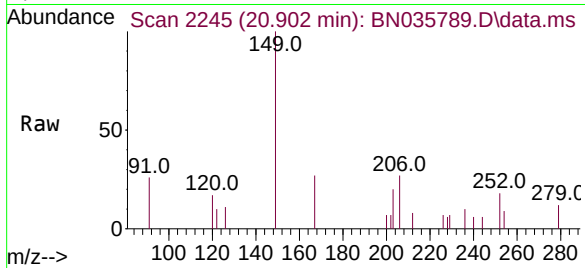
Tgt Ion:228 Resp: 617
Ion Ratio Lower Upper
228 100
226 41.3 24.6 37.0#
229 32.0 15.9 23.9#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.077 ng
RT: 20.902 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035789.D
Acq: 23 Dec 2024 18:04

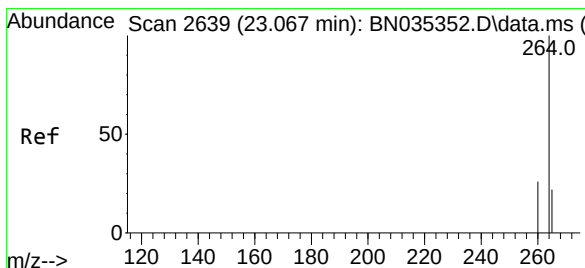
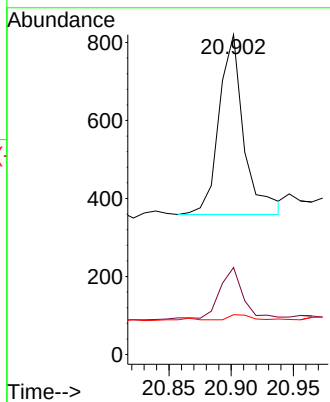
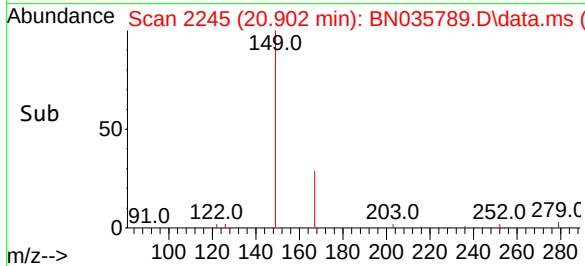
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20241217



Tgt Ion:149 Resp: 64
Ion Ratio Lower Upper
149 100
167 27.1 22.2 33.4
279 2.7 2.7 4.1

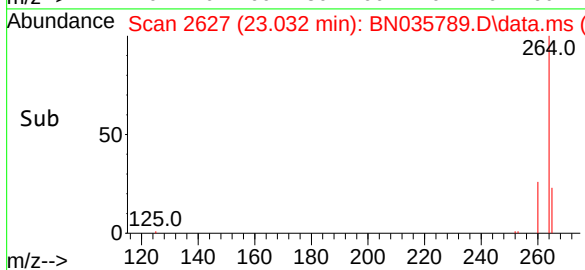
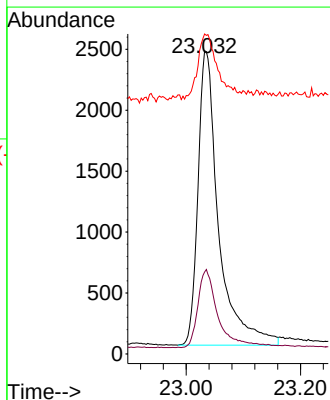
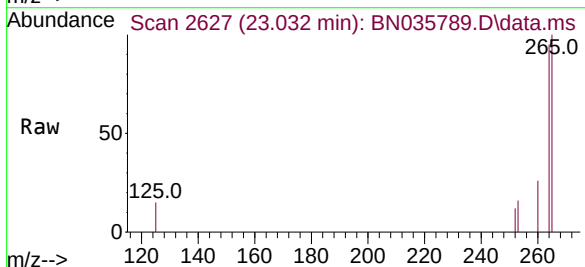
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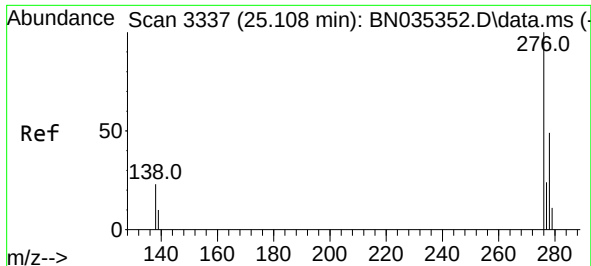
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.032 min Scan# 2627
Delta R.T. -0.009 min
Lab File: BN035789.D
Acq: 23 Dec 2024 18:04

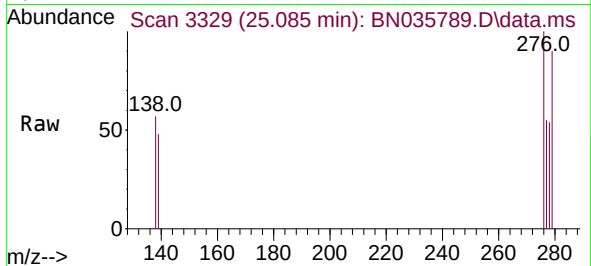
Tgt Ion:264 Resp: 6063
Ion Ratio Lower Upper
264 100
260 27.0 21.4 32.2
265 105.6 40.2 60.4





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.030 ng
RT: 25.085 min Scan# 31
Delta R.T. 0.017 min
Lab File: BN035789.D
Acq: 23 Dec 2024 18:04

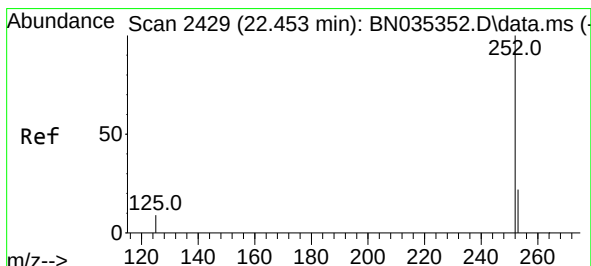
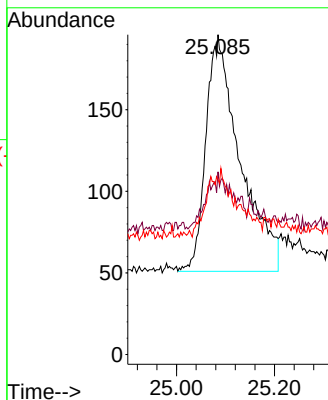
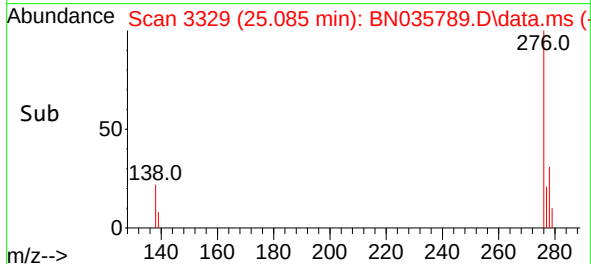
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20241217



Tgt Ion: 276 Resp: 704
Ion Ratio Lower Upper
276 100
138 4.7 19.4 29.0#
277 8.0 19.8 29.6#

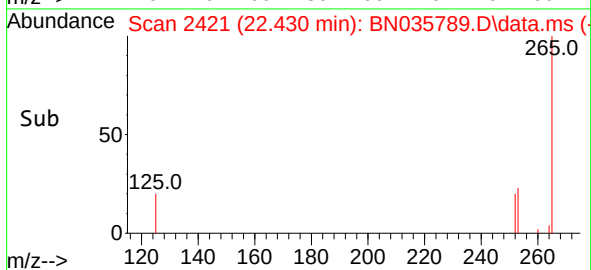
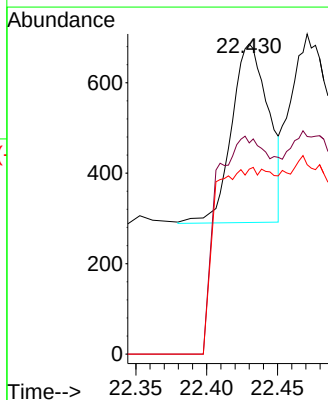
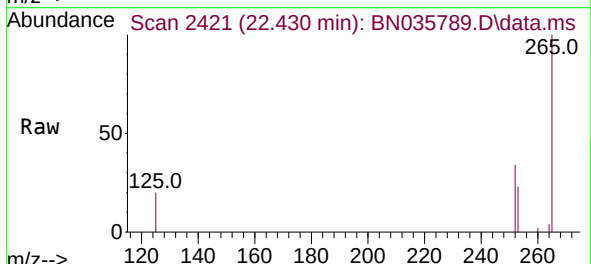
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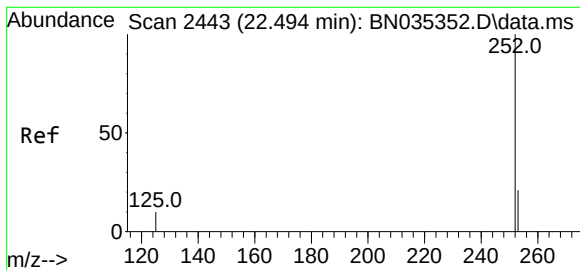
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#37
Benzo(b)fluoranthene
Concen: 0.043 ng
RT: 22.430 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BN035789.D
Acq: 23 Dec 2024 18:04

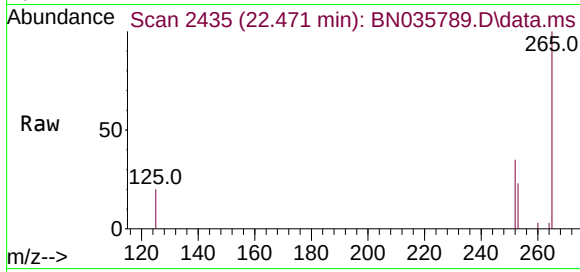
Tgt Ion: 252 Resp: 943
Ion Ratio Lower Upper
252 100
253 68.1 19.6 29.4#
125 59.6 9.6 14.4#





#38
Benzo(k)fluoranthene
Concen: 0.047 ng m
RT: 22.471 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN035789.D
Acq: 23 Dec 2024 18:04

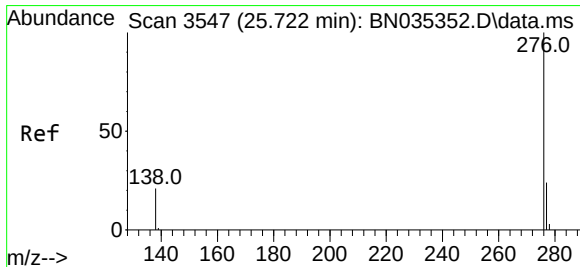
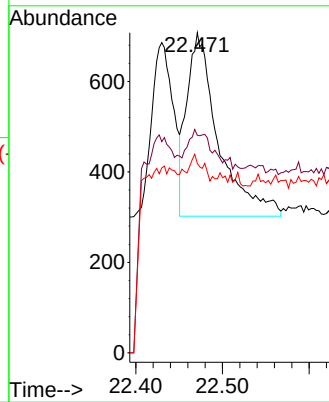
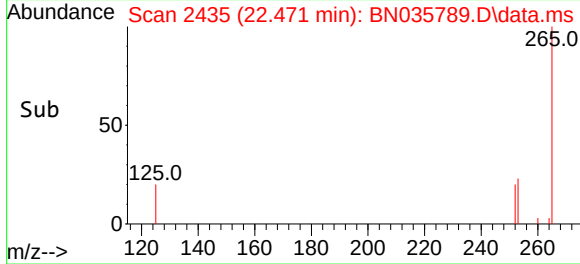
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D2-20241217



Tgt Ion:252 Resp: 102
Ion Ratio Lower Upper
252 100
253 67.9 19.5 29.3#
125 59.2 10.2 15.4#

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



#41
Benzo(g,h,i)perylene
Concen: 0.022 ng
RT: 25.687 min Scan# 3535
Delta R.T. 0.009 min
Lab File: BN035789.D
Acq: 23 Dec 2024 18:04

Tgt Ion:276 Resp: 423
Ion Ratio Lower Upper
276 100
277 59.5 19.9 29.9#
138 62.0 17.8 26.8#

