

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
 Data File : BN033495.D
 Acq On : 20 Aug 2024 08:21
 Operator : MA/JU
 Sample : P3650-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20240814

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 20 09:06:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	6912	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	17753	0.400	ng	0.00
13) Acenaphthene-d10	14.189	164	8637	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	17500	0.400	ng	0.00
29) Chrysene-d12	21.148	240	11339	0.400	ng	# 0.00
35) Perylene-d12	23.318	264	10839	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	2451	0.112	ng	0.00
5) Phenol-d6	6.736	99	1777	0.068	ng	0.00
8) Nitrobenzene-d5	8.681	82	4872	0.331	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	8443	0.332	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	1144	0.246	ng	0.00
15) 2-Fluorobiphenyl	12.810	172	12625	0.358	ng	0.00
27) Fluoranthene-d10	18.980	212	16356	0.389	ng	0.00
31) Terphenyl-d14	19.593	244	12383	0.481	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.183	88	45200	5.683	ng	97
6) bis(2-Chloroethyl)ether	6.989	93	752	0.041	ng	96
32) Benzo(a)anthracene	21.130	228	1391	0.034	ng	93
33) Chrysene	21.184	228	1662m	0.041	ng	
34) Bis(2-ethylhexyl)phtha...	21.095	149	3900	0.150	ng	91
36) Indeno(1,2,3-cd)pyrene	25.475	276	1705	0.038	ng	97
37) Benzo(b)fluoranthene	22.671	252	1719	0.042	ng	# 23
38) Benzo(k)fluoranthene	22.715	252	1653	0.041	ng	# 30
39) Benzo(a)pyrene	23.221	252	1228	0.037	ng	# 4
40) Dibenzo(a,h)anthracene	25.493	278	1361	0.038	ng	# 46
41) Benzo(g,h,i)perylene	26.124	276	1410	0.037	ng	# 73

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

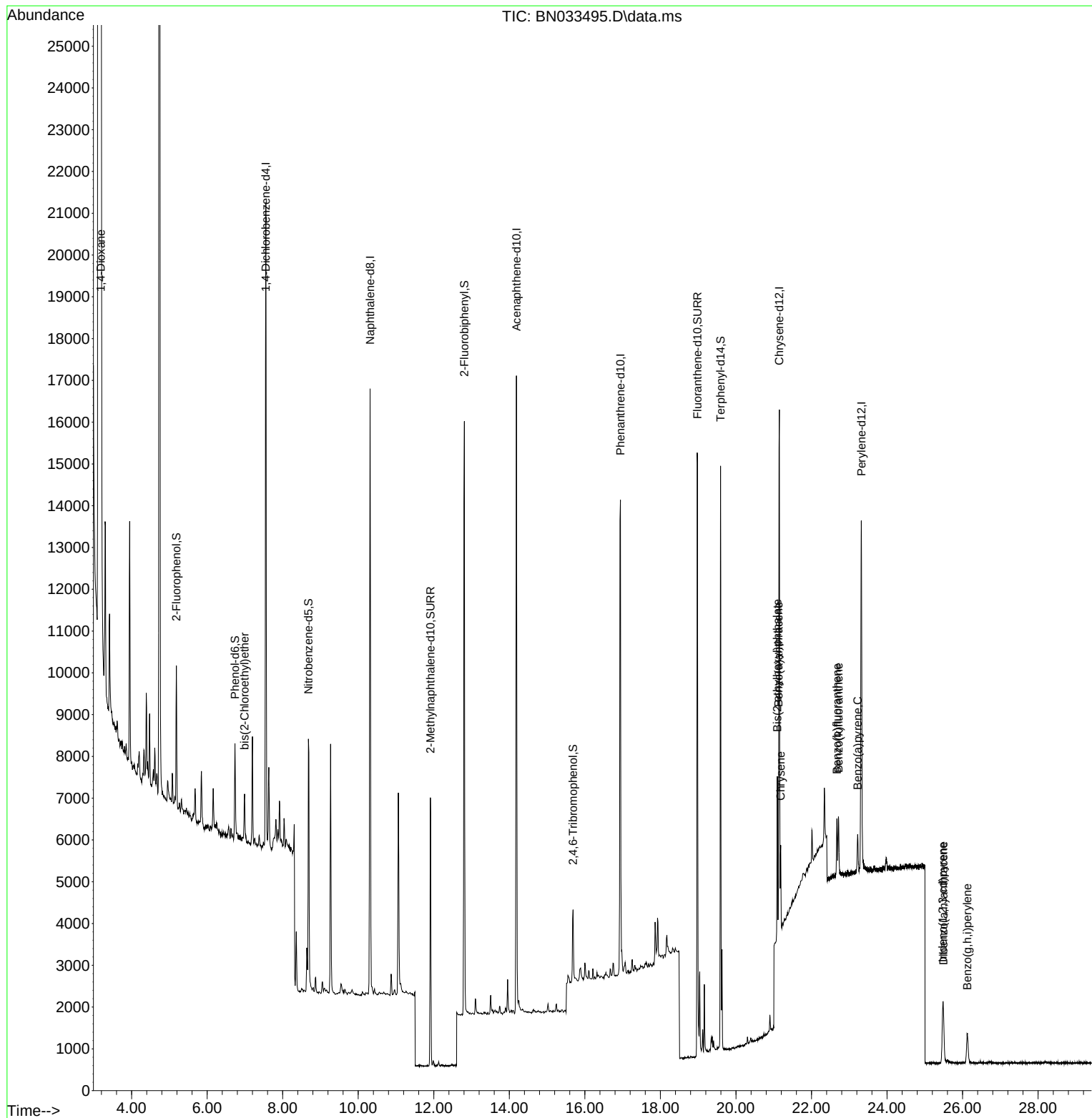
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
Data File : BN033495.D
Acq On : 20 Aug 2024 08:21
Operator : MA/JU
Sample : P3650-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

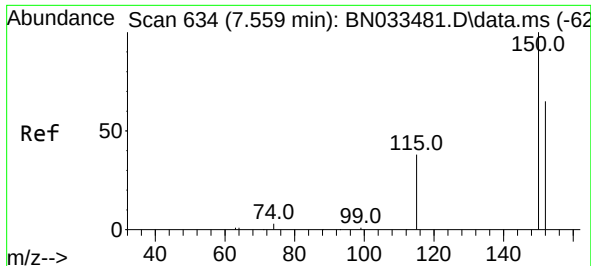
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240814

Quant Time: Aug 20 09:06:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

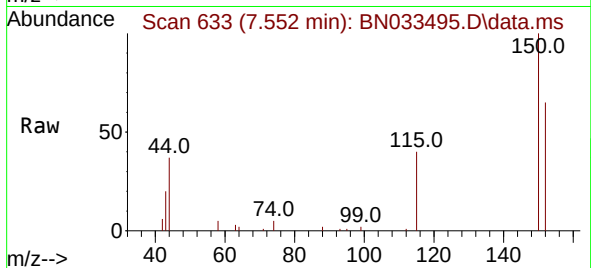
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

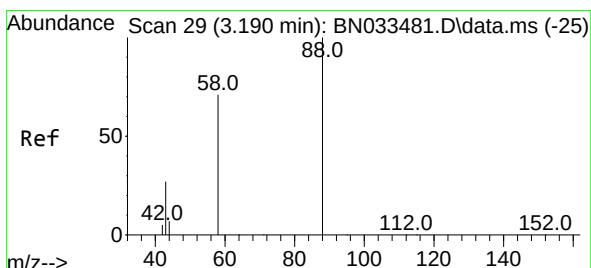
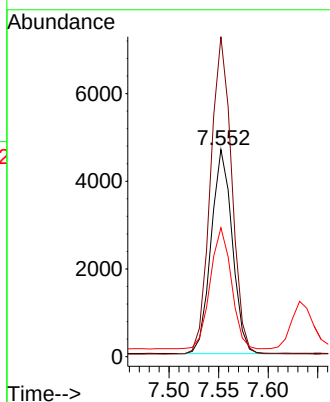
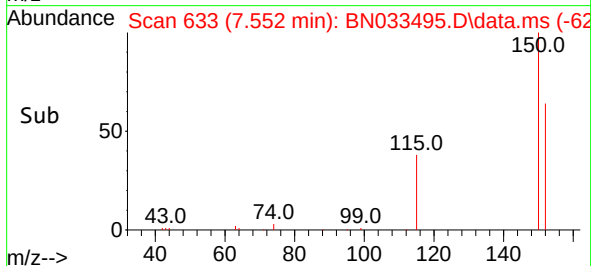
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240814



Tgt Ion:152 Resp: 6912
Ion Ratio Lower Upper
152 100
150 154.4 122.2 183.2
115 62.2 47.2 70.8

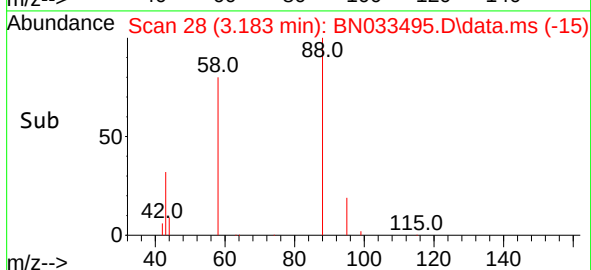
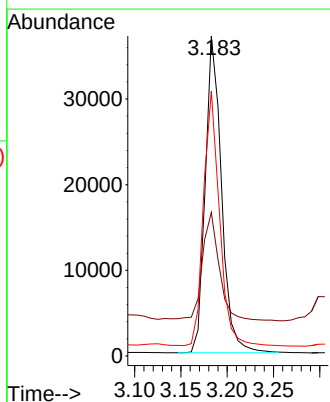
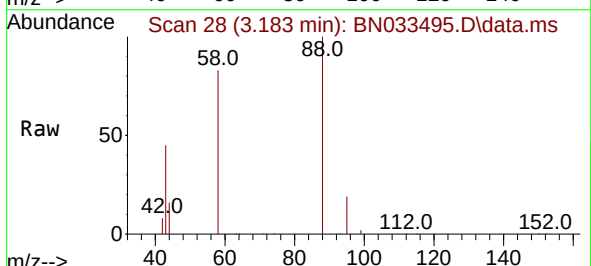
Manual Integrations
APPROVED

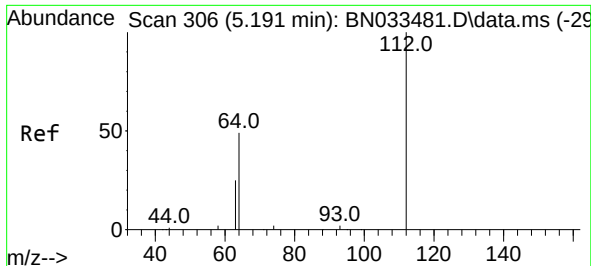
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#2
1,4-Dioxane
Concen: 5.683 ng
RT: 3.183 min Scan# 28
Delta R.T. -0.007 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

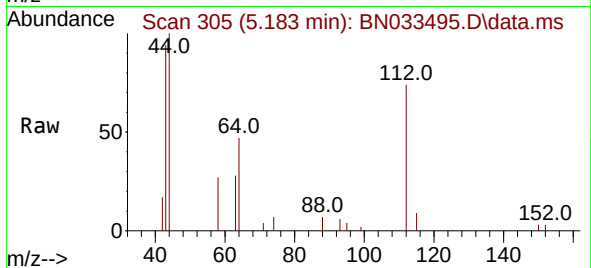
Tgt Ion: 88 Resp: 45200
Ion Ratio Lower Upper
88 100
43 35.9 25.0 37.4
58 78.6 62.5 93.7





#4
2-Fluorophenol
Concen: 0.112 ng
RT: 5.183 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

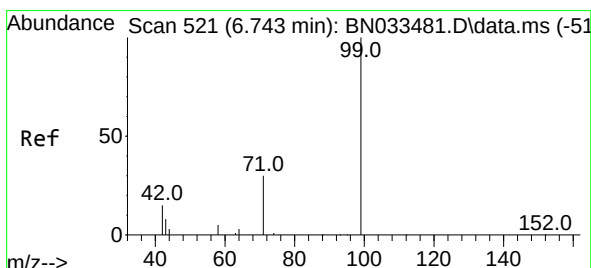
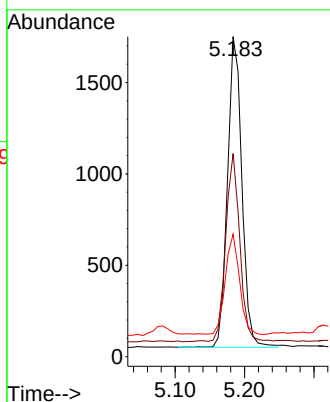
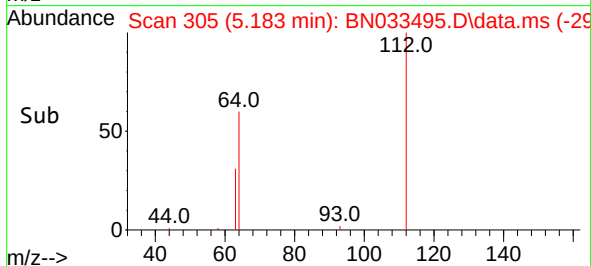
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240814



Tgt Ion:112 Resp: 245
Ion Ratio Lower Upper
112 100
64 59.4 47.1 70.7
63 31.9 24.9 37.3

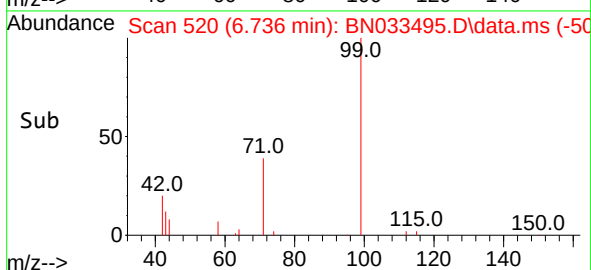
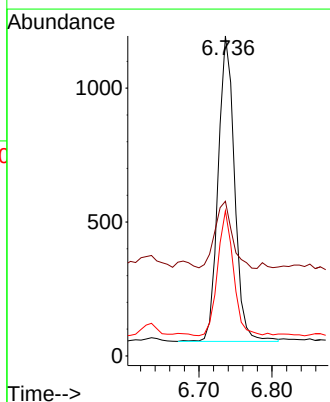
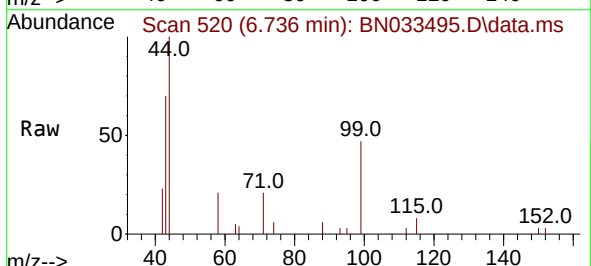
Manual Integrations
APPROVED

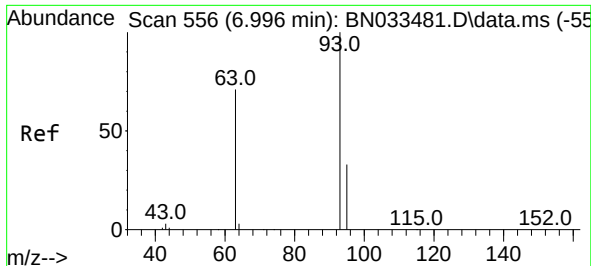
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#5
Phenol-d6
Concen: 0.068 ng
RT: 6.736 min Scan# 520
Delta R.T. -0.007 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

Tgt Ion: 99 Resp: 1777
Ion Ratio Lower Upper
99 100
42 23.1 16.6 24.8
71 39.6 26.2 39.4#





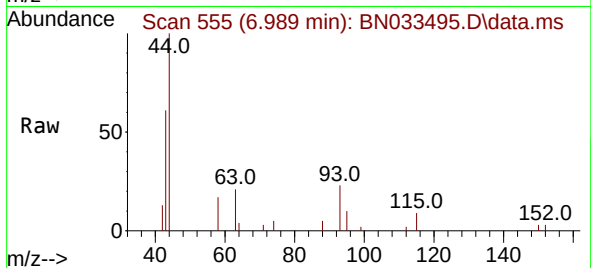
#6
bis(2-Chloroethyl)ether
Concen: 0.041 ng
RT: 6.989 min Scan# 555
Delta R.T. -0.007 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20240814



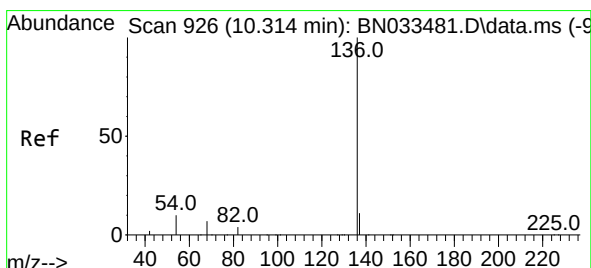
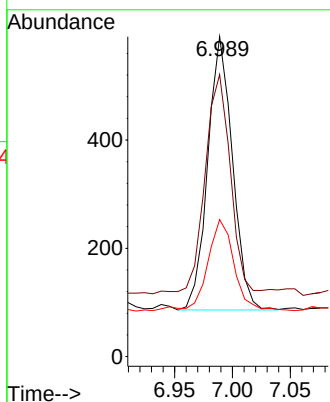
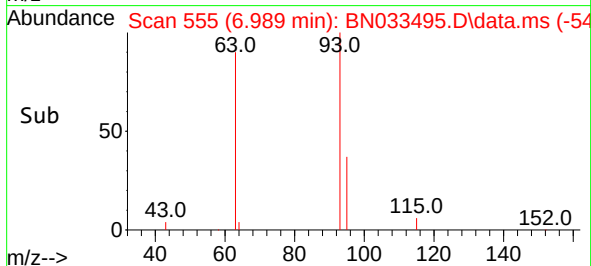
Tgt Ion: 93 Resp: 752
Ion Ratio Lower Upper
93 100
63 81.4 63.0 94.4
95 36.4 26.0 39.0

Manual Integrations

APPROVED

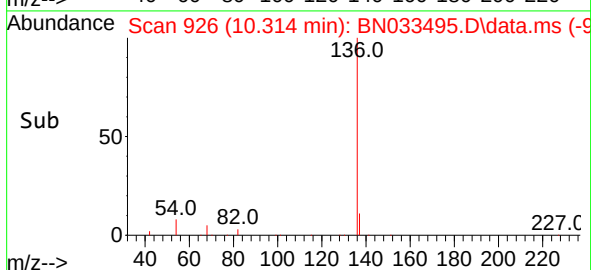
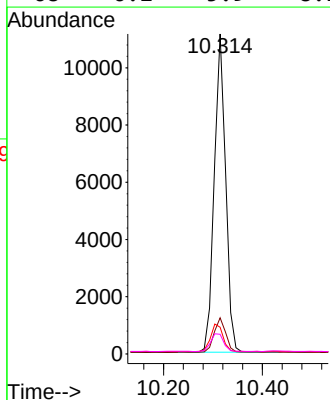
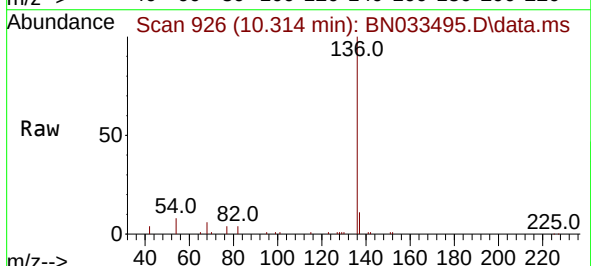
Reviewed By :Yogesh Patel 08/21/2024

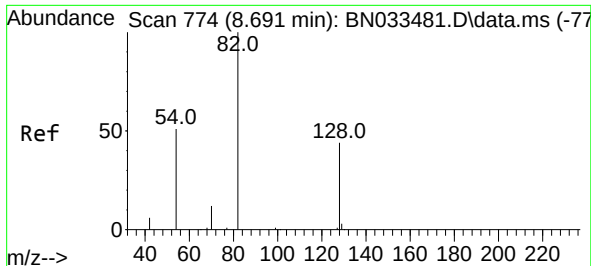
Supervised By :mohammad ahmed 08/22/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 926
Delta R.T. 0.000 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

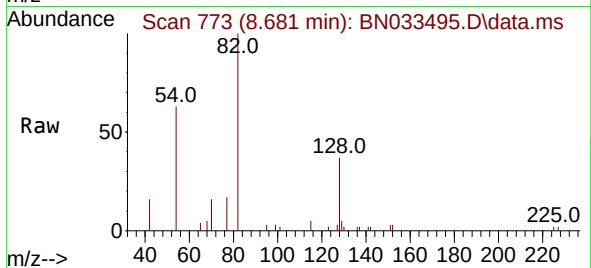
Tgt Ion:136 Resp: 17753
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 8.3 8.3 12.5
68 6.2 5.9 8.9





#8
Nitrobenzene-d5
Concen: 0.331 ng
RT: 8.681 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

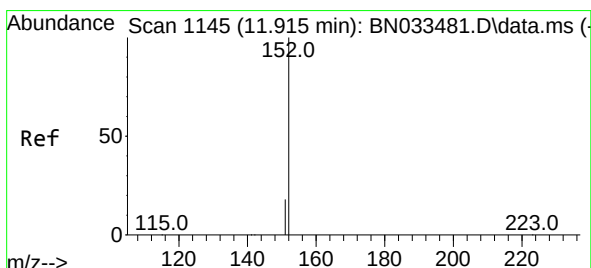
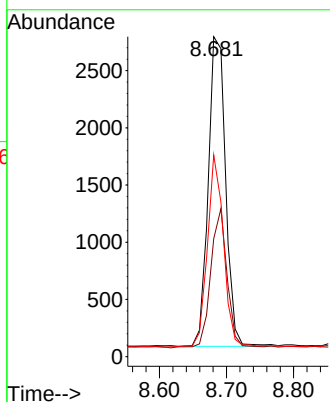
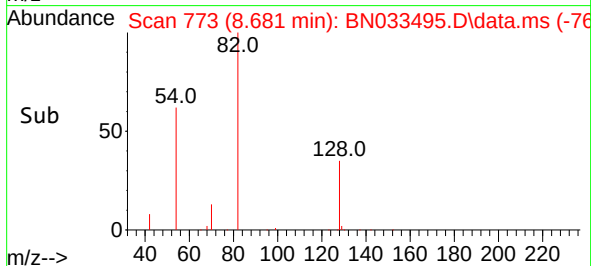
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240814



Tgt Ion: 82 Resp: 4872
Ion Ratio Lower Upper
82 100
128 36.9 36.0 54.0
54 63.0 42.0 63.0

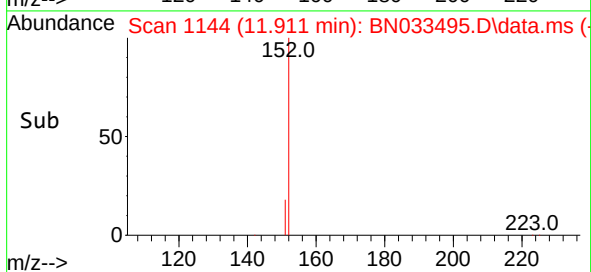
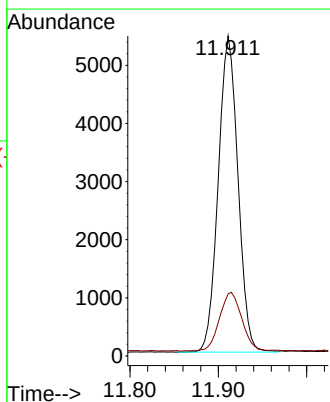
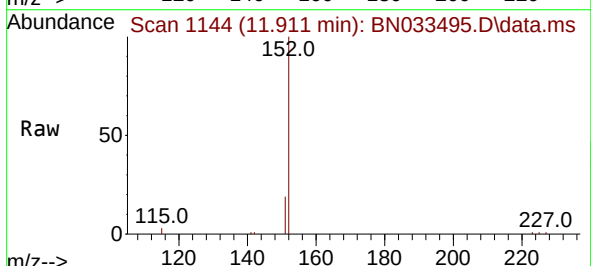
Manual Integrations
APPROVED

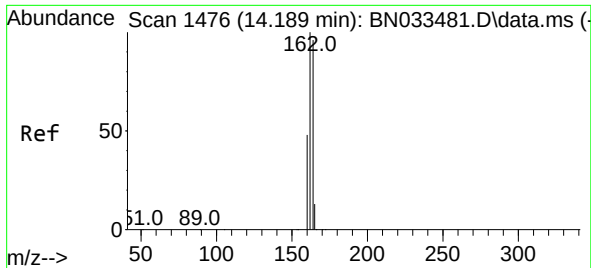
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 11.911 min Scan# 1144
Delta R.T. -0.004 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

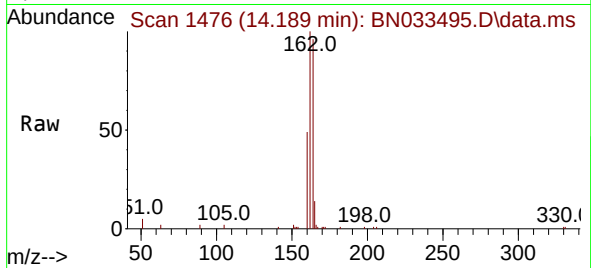
Tgt Ion:152 Resp: 8443
Ion Ratio Lower Upper
152 100
151 21.1 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

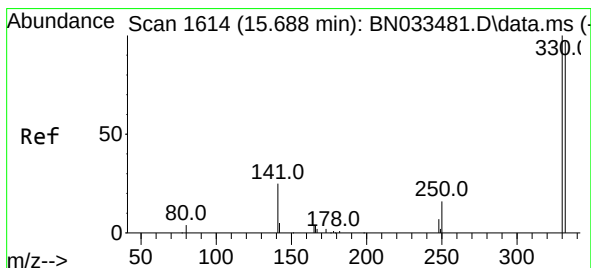
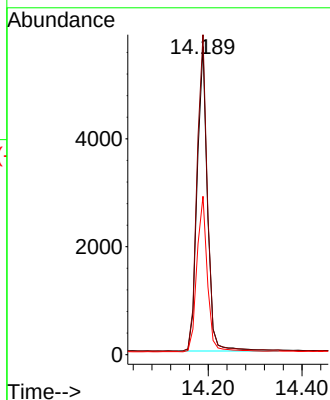
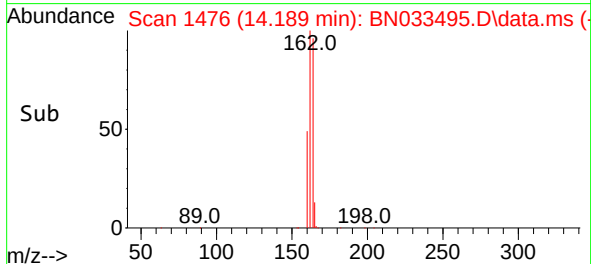
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240814



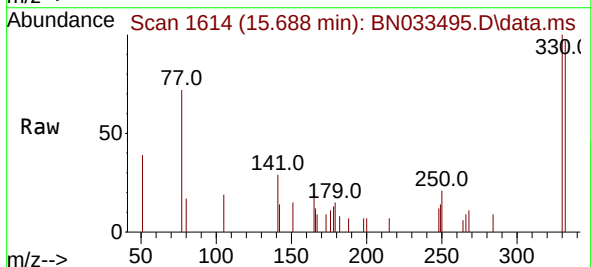
Tgt Ion:164 Resp: 863
Ion Ratio Lower Upper
164 100
162 103.9 83.5 125.3
160 51.4 40.2 60.4

Manual Integrations
APPROVED

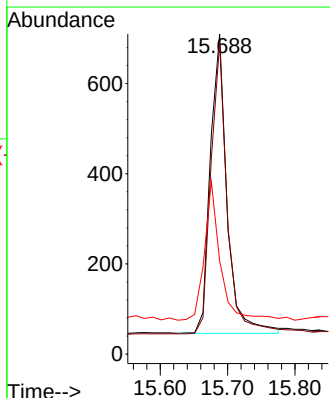
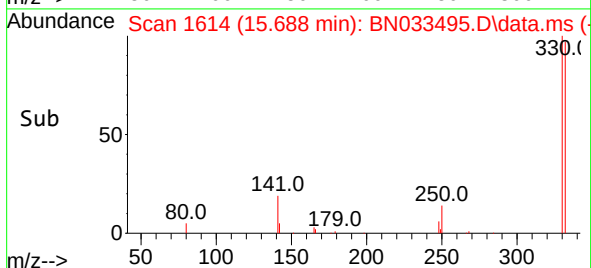
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

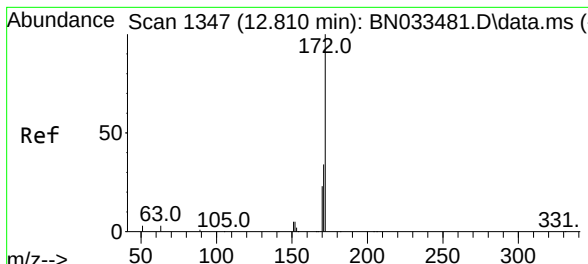


#14
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 15.688 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21



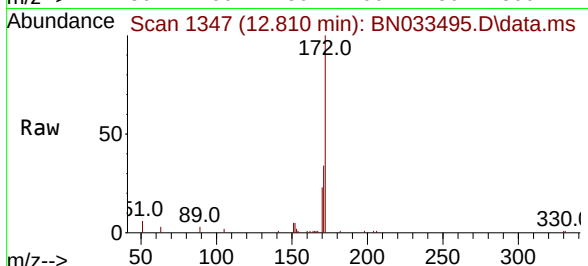
Tgt Ion:330 Resp: 1144
Ion Ratio Lower Upper
330 100
332 95.2 77.5 116.3
141 43.7 33.9 50.9





#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 12.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

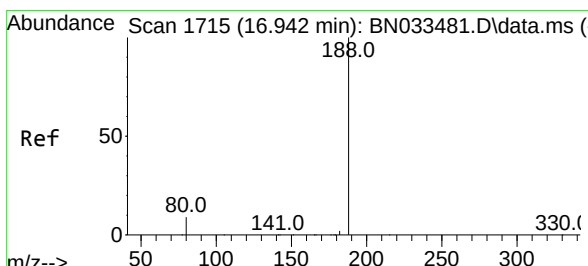
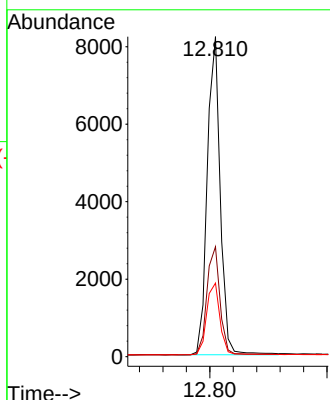
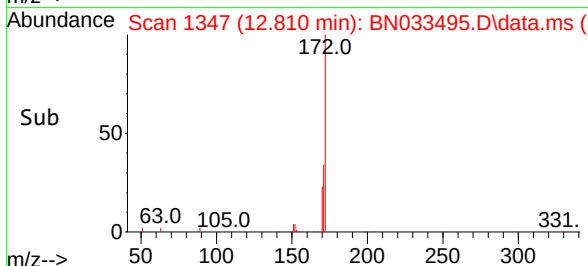
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240814



Tgt Ion:172 Resp: 1262
Ion Ratio Lower Upper
172 100
171 34.4 27.7 41.5
170 23.0 18.3 27.5

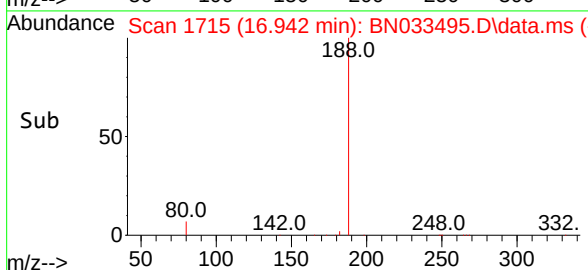
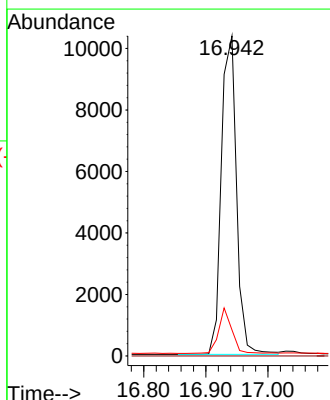
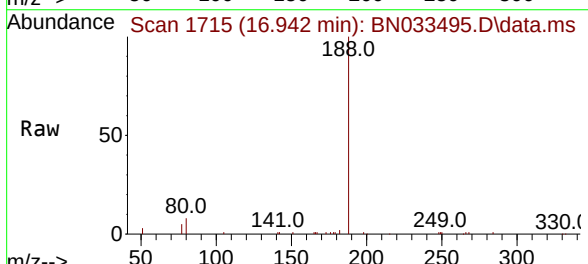
Manual Integrations
APPROVED

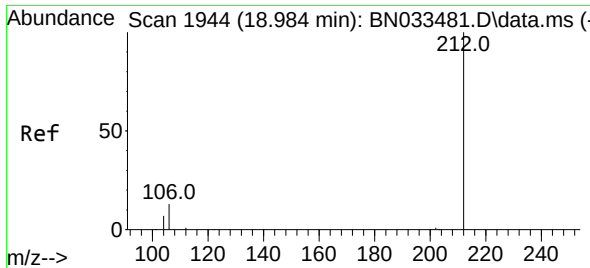
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

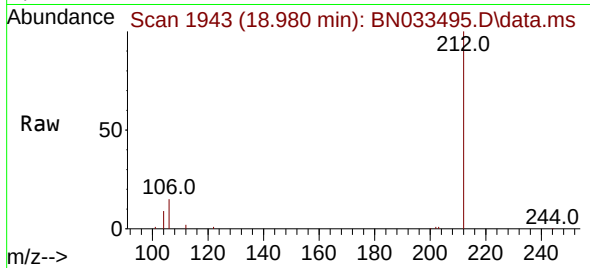
Tgt Ion:188 Resp: 17500
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 7.8 11.8





#27
Fluoranthene-d10
Concen: 0.389 ng
RT: 18.980 min Scan# 1944
Delta R.T. -0.005 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

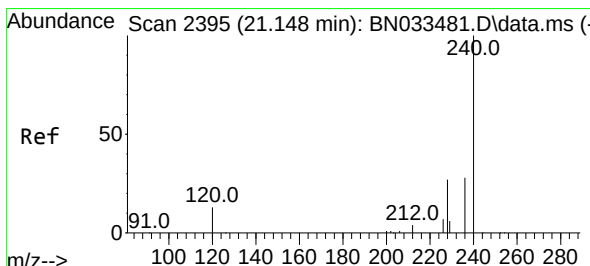
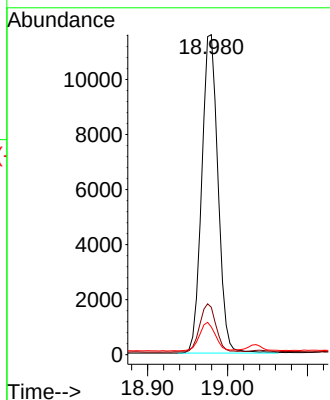
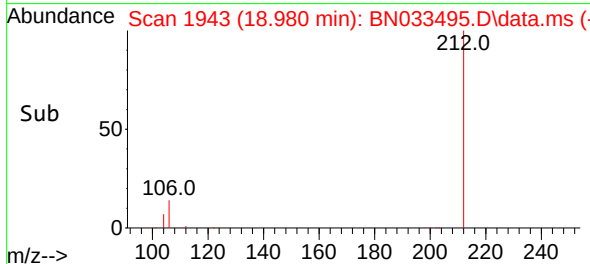
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240814



Tgt Ion:212 Resp: 16350
Ion Ratio Lower Upper
212 100
106 15.4 12.3 18.5
104 9.0 7.0 10.4

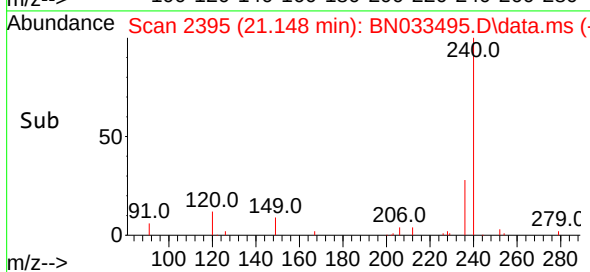
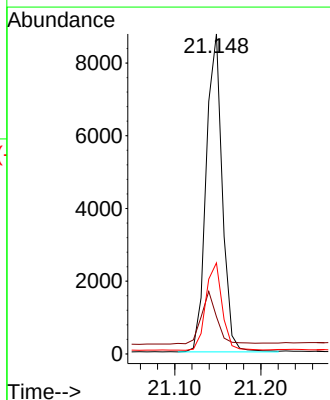
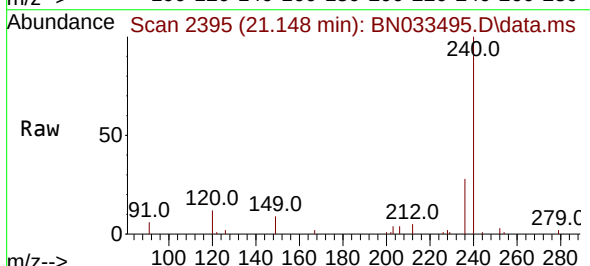
Manual Integrations
APPROVED

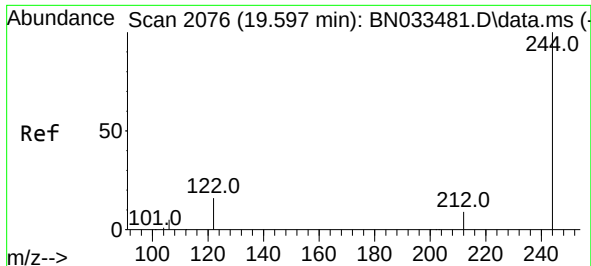
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

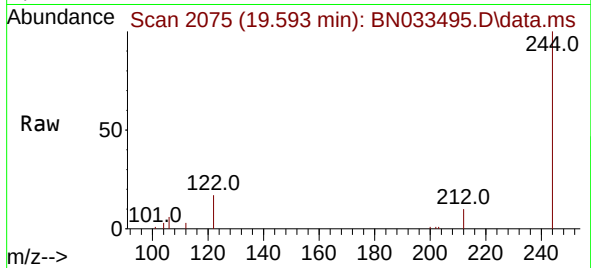
Tgt Ion:240 Resp: 11339
Ion Ratio Lower Upper
240 100
120 11.7 12.4 18.6#
236 28.4 23.0 34.6





#31
 Terphenyl-d14
 Concen: 0.481 ng
 RT: 19.593 min Scan# 2076
 Delta R.T. -0.005 min
 Lab File: BN033495.D
 Acq: 20 Aug 2024 08:21

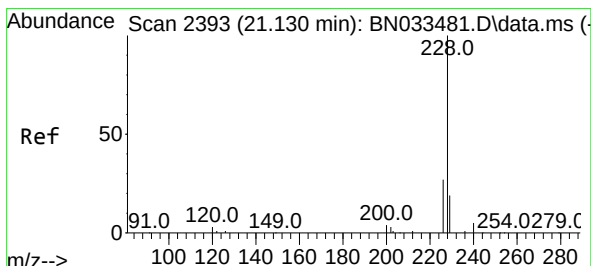
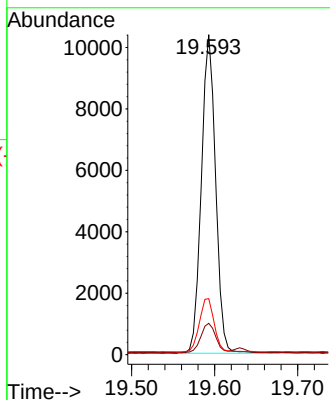
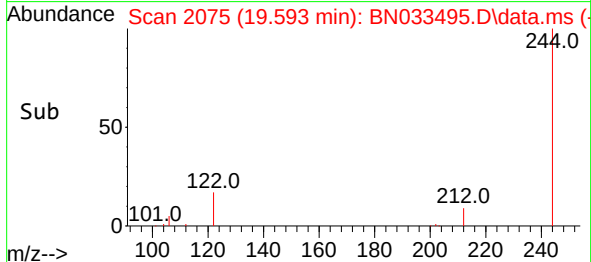
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20240814



Tgt Ion:244 Resp: 1238
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.8 11.6
 122 17.5 13.3 19.9

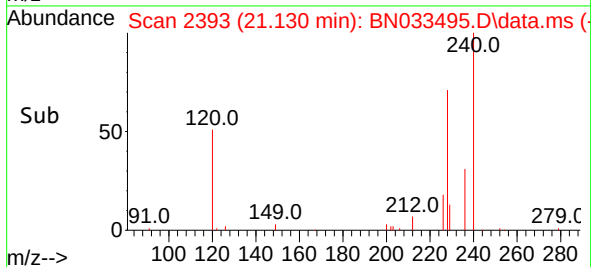
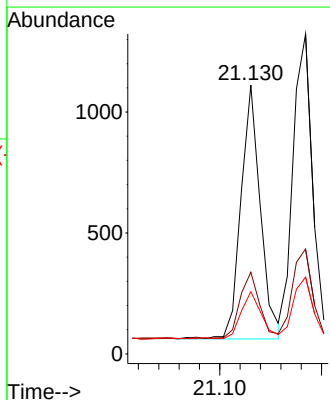
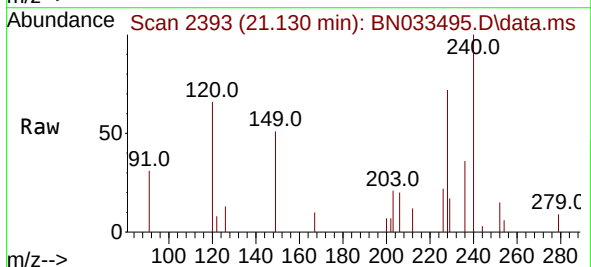
Manual Integrations
 APPROVED

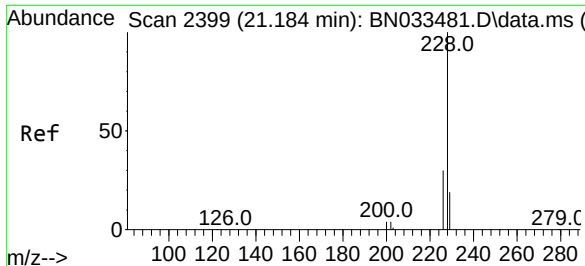
Reviewed By :Yogesh Patel 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024



#32
 Benzo(a)anthracene
 Concen: 0.034 ng
 RT: 21.130 min Scan# 2393
 Delta R.T. 0.000 min
 Lab File: BN033495.D
 Acq: 20 Aug 2024 08:21

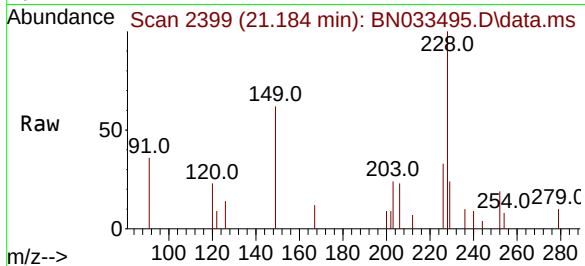
Tgt Ion:228 Resp: 1391
 Ion Ratio Lower Upper
 228 100
 226 30.4 21.8 32.6
 229 23.1 15.8 23.6





#33
Chrysene
Concen: 0.041 ng m
RT: 21.184 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

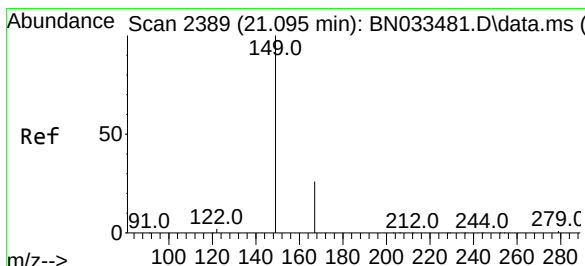
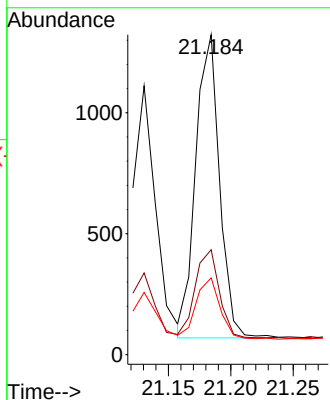
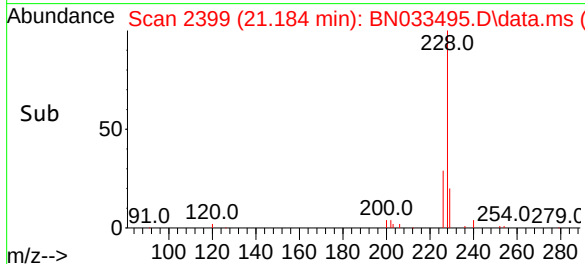
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240814



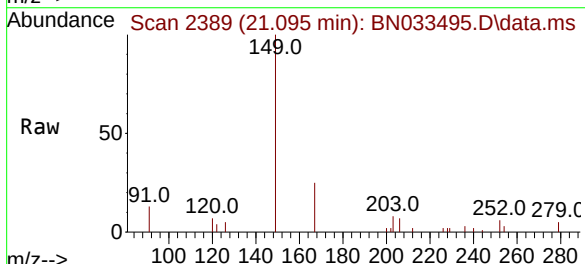
Tgt Ion:228 Resp: 1662
Ion Ratio Lower Upper
228 100
226 32.8 23.8 35.8
229 24.0 15.6 23.4

Manual Integrations
APPROVED

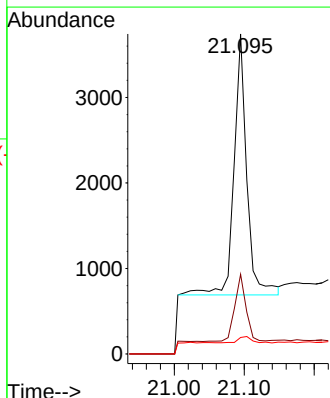
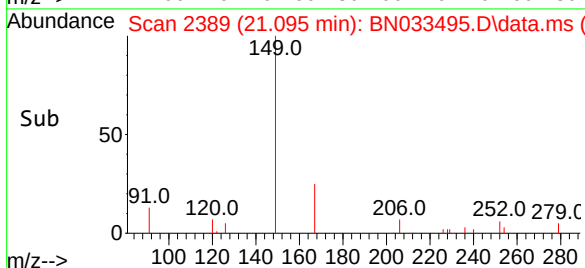
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

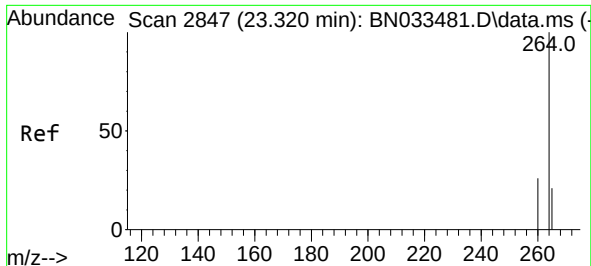


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.150 ng
RT: 21.095 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21



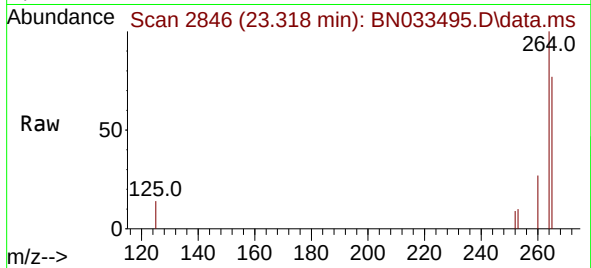
Tgt Ion:149 Resp: 3900
Ion Ratio Lower Upper
149 100
167 22.1 21.5 32.3
279 2.5 2.2 3.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.318 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

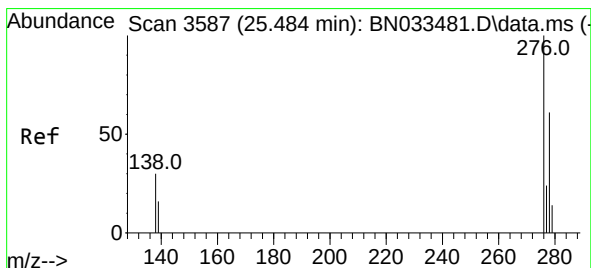
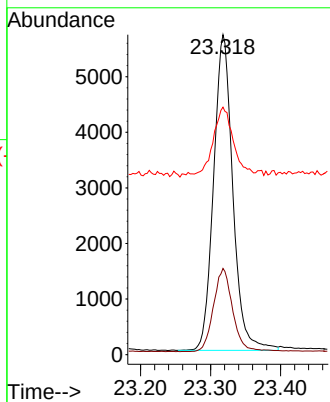
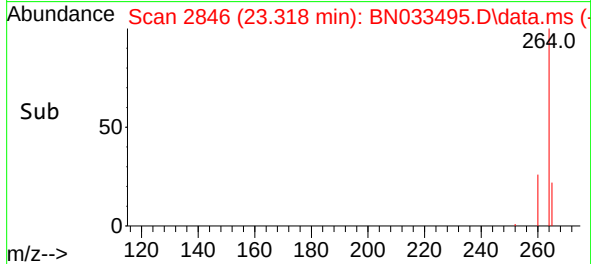
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240814



Tgt Ion:264 Resp: 10839
Ion Ratio Lower Upper
264 100
260 26.9 20.8 31.2
265 77.4 52.2 78.2

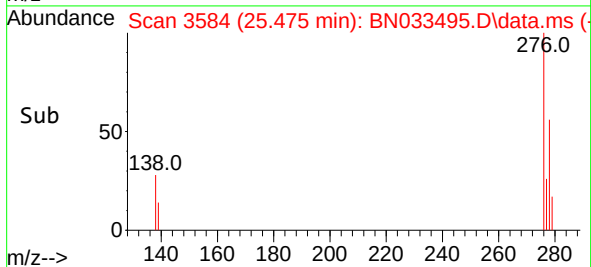
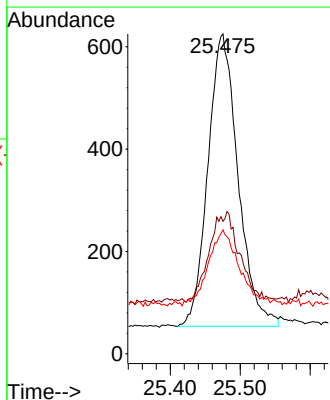
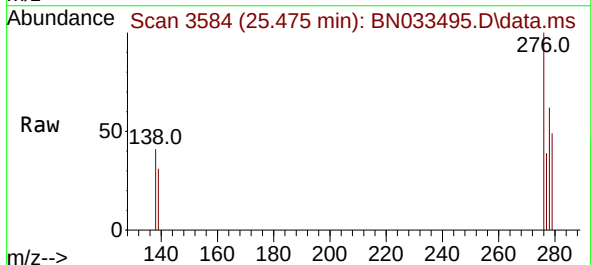
Manual Integrations
APPROVED

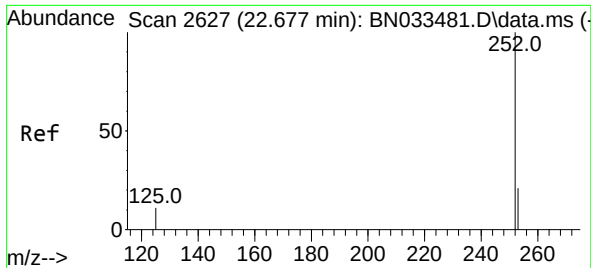
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.038 ng
RT: 25.475 min Scan# 3584
Delta R.T. -0.009 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

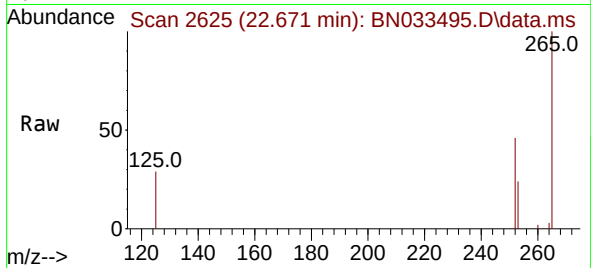
Tgt Ion:276 Resp: 1705
Ion Ratio Lower Upper
276 100
138 31.5 24.4 36.6
277 26.7 19.8 29.6





#37
Benzo(b)fluoranthene
Concen: 0.042 ng
RT: 22.671 min Scan# 2625
Delta R.T. -0.006 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

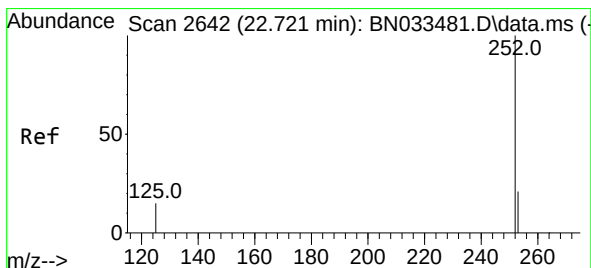
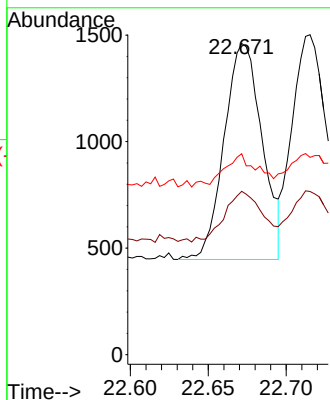
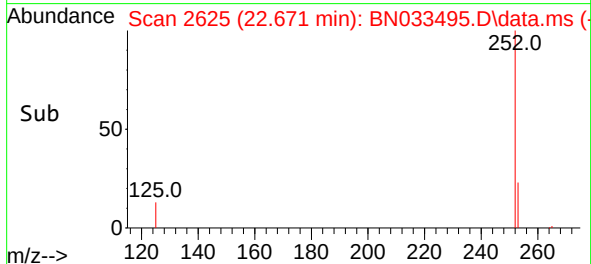
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240814



Tgt Ion:252 Resp: 1719
Ion Ratio Lower Upper
252 100
253 52.5 19.8 29.8#
125 64.5 13.9 20.9#

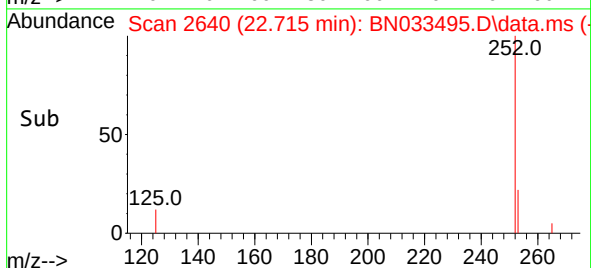
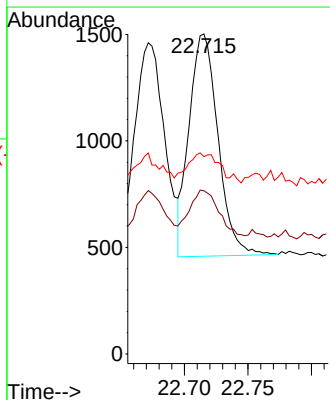
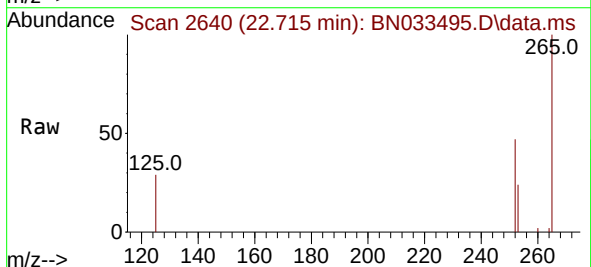
Manual Integrations
APPROVED

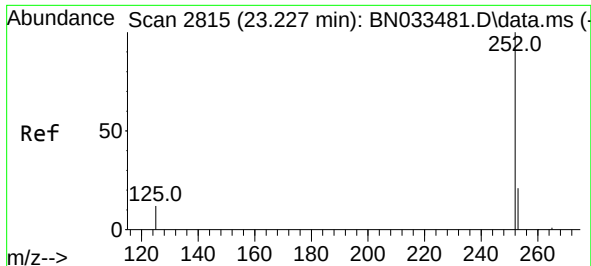
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#38
Benzo(k)fluoranthene
Concen: 0.041 ng
RT: 22.715 min Scan# 2640
Delta R.T. -0.006 min
Lab File: BN033495.D
Acq: 20 Aug 2024 08:21

Tgt Ion:252 Resp: 1653
Ion Ratio Lower Upper
252 100
253 51.0 19.8 29.8#
125 61.7 15.8 23.8#





#39

Benzo(a)pyrene

Concen: 0.037 ng

RT: 23.221 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN033495.D

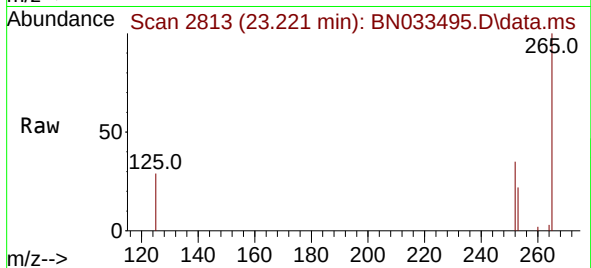
Acq: 20 Aug 2024 08:21

Instrument :

BN033495.D

ClientSampleId :

RW7-SP100-20240814



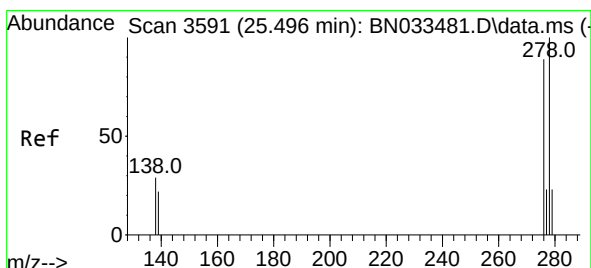
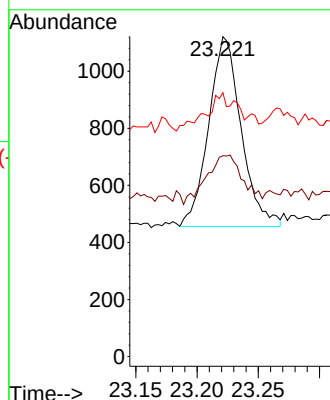
Tgt Ion:	252	Resp:	1228
Ion Ratio	Lower	Upper	
252	100		
253	62.8	21.5	32.3#
125	82.5	17.0	25.4#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#40

Dibenzo(a,h)anthracene

Concen: 0.038 ng

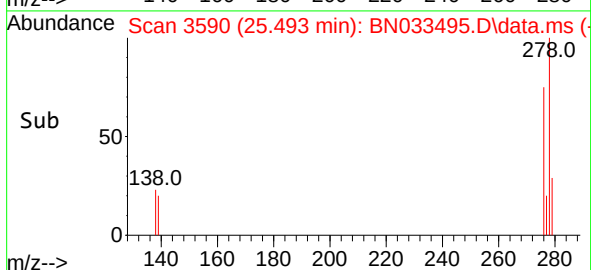
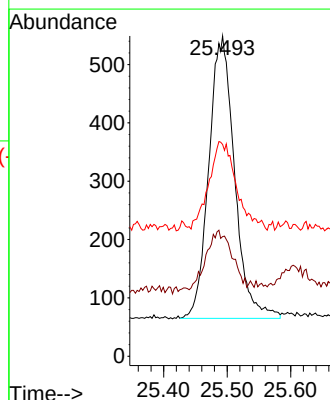
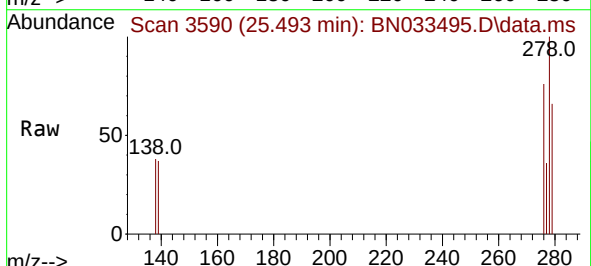
RT: 25.493 min Scan# 3590

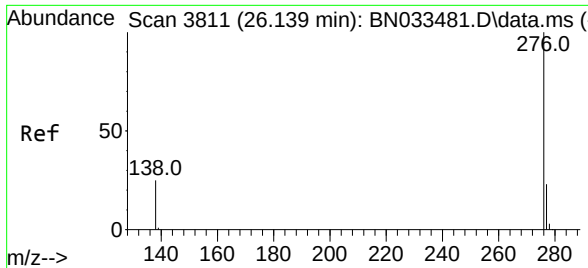
Delta R.T. -0.003 min

Lab File: BN033495.D

Acq: 20 Aug 2024 08:21

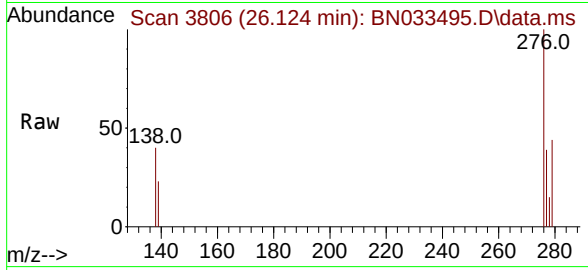
Tgt Ion:	278	Resp:	1361
Ion Ratio	Lower	Upper	
278	100		
139	37.3	19.1	28.7#
279	66.1	21.0	31.4#





#41
 Benzo(g,h,i)perylene
 Concen: 0.037 ng
 RT: 26.124 min Scan# 3806
 Delta R.T. -0.015 min
 Lab File: BN033495.D
 Acq: 20 Aug 2024 08:21

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20240814



Tgt Ion: 276 Resp: 1410

Ion	Ratio	Lower	Upper
276	100		
277	38.8	19.7	29.5
138	40.1	21.8	32.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024

