

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
 Data File : BN032263.D
 Acq On : 26 Jun 2024 05:55
 Operator : MA/JU
 Sample : P3056-04
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-680-682

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 07:46:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 11:30:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	7923	0.400	ng	-0.01
7) Naphthalene-d8	10.400	136	23361	0.400	ng	#-0.02
13) Acenaphthene-d10	14.264	164	11202	0.400	ng	-0.02
19) Phenanthrene-d10	17.029	188	26232	0.400	ng	0.00
29) Chrysene-d12	21.229	240	21920	0.400	ng	# 0.00
35) Perylene-d12	23.449	264	7105	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.241	112	2933	0.130	ng	0.00
5) Phenol-d6	6.823	99	2009	0.068	ng	0.00
8) Nitrobenzene-d5	8.788	82	3624	0.187	ng	-0.01
11) 2-Methylnaphthalene-d10	11.998	152	6840	0.184	ng	-0.02
14) 2,4,6-Tribromophenol	15.775	330	1354	0.252	ng	-0.01
15) 2-Fluorobiphenyl	12.884	172	10264	0.242	ng	-0.02
27) Fluoranthene-d10	19.063	212	15904	0.223	ng	0.00
31) Terphenyl-d14	19.662	244	12944	0.242	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.204	88	749	0.077	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.130	149	7132	0.127	ng	99
36) Indeno(1,2,3-cd)pyrene	25.706	276	1280	0.048	ng	94
37) Benzo(b)fluoranthene	22.785	252	2032	0.078	ng	# 1
38) Benzo(k)fluoranthene	22.826	252	1385m	0.057	ng	
40) Dibenzo(a,h)anthracene	25.715	278	998	0.048	ng	# 1
41) Benzo(g,h,i)perylene	26.384	276	759	0.034	ng	# 1

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

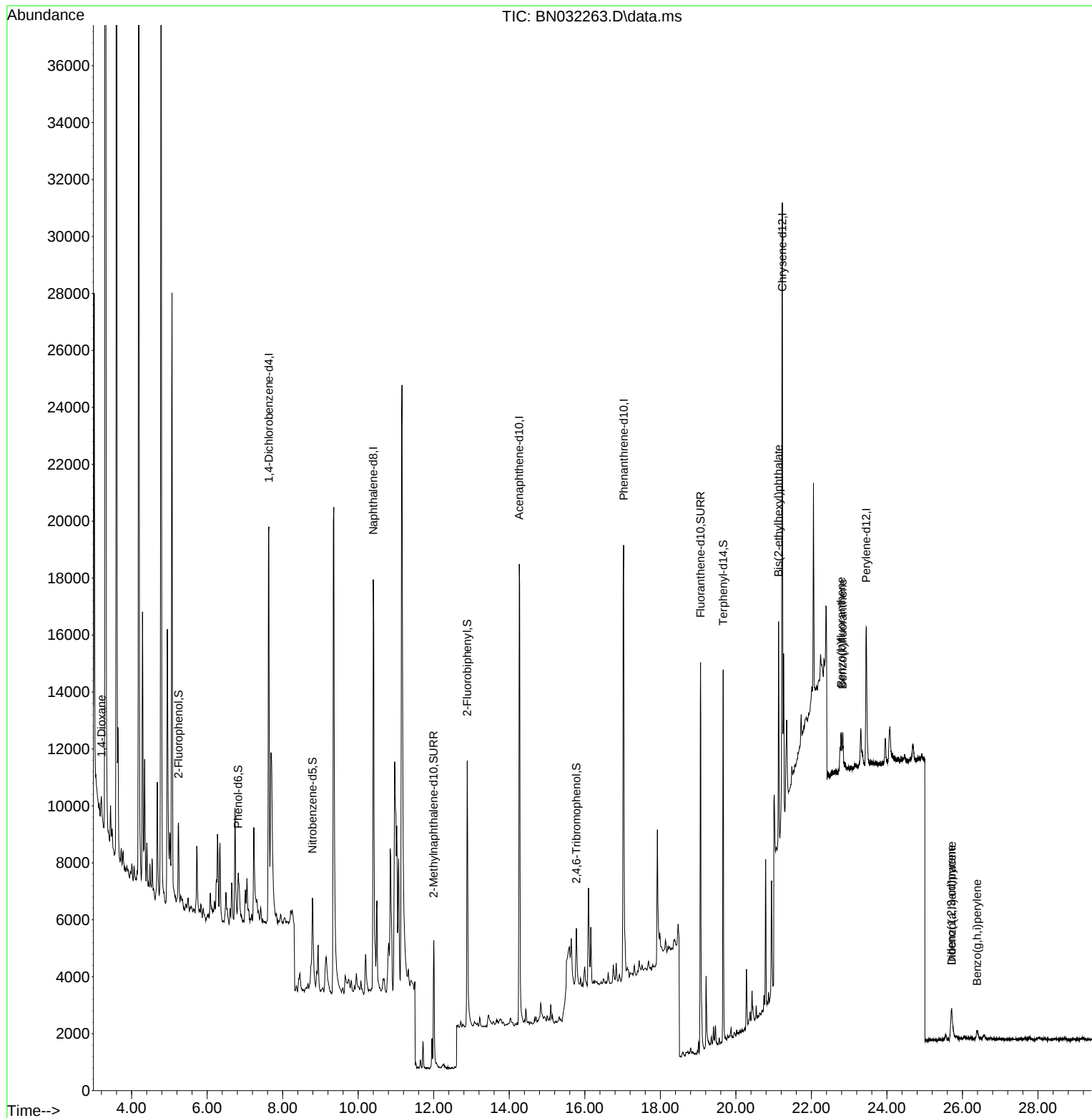
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
Data File : BN032263.D
Acq On : 26 Jun 2024 05:55
Operator : MA/JU
Sample : P3056-04
Misc :
ALS Vial : 67 Sample Multiplier: 1

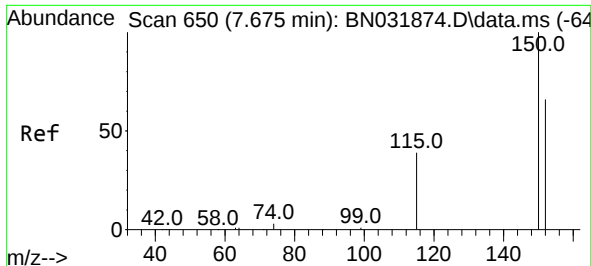
Instrument :
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BP-VPB-196-GW-680-682

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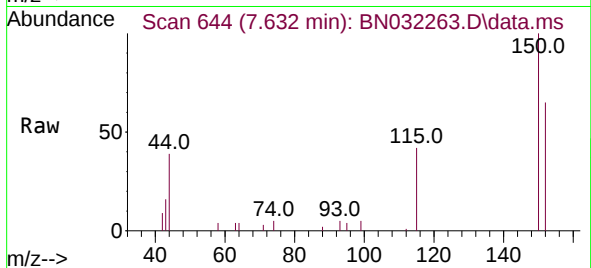
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.632 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN032263.D
 Acq: 26 Jun 2024 05:55

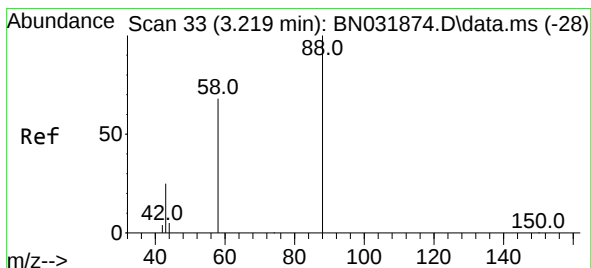
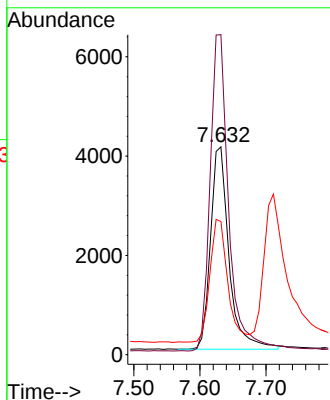
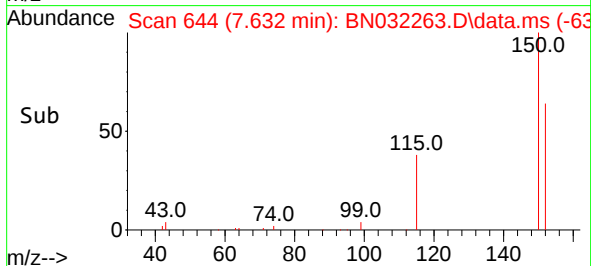
Instrument :
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 ClientSampleId :
 BP-VPB-196-GW-680-682



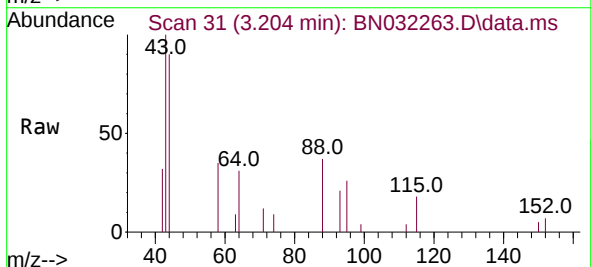
Tgt Ion: 152 Resp: 792
 Ion Ratio Lower Upper
 152 100
 150 154.0 121.0 181.4
 115 64.1 49.4 74.0

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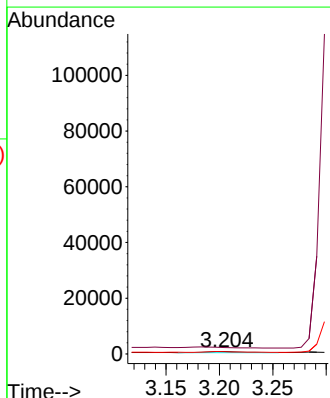
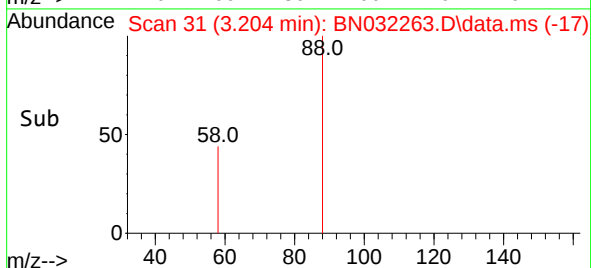
Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024

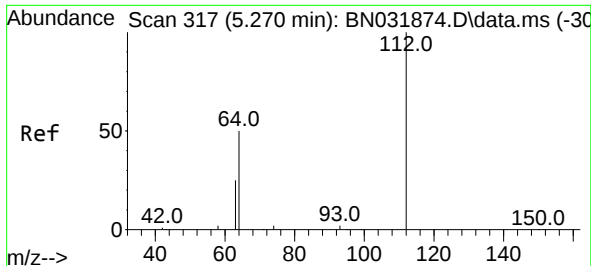


#2
 1,4-Dioxane
 Concen: 0.077 ng
 RT: 3.204 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN032263.D
 Acq: 26 Jun 2024 05:55



Tgt Ion: 88 Resp: 749
 Ion Ratio Lower Upper
 88 100
 43 0.0 22.7 34.1#
 58 72.5 51.3 76.9





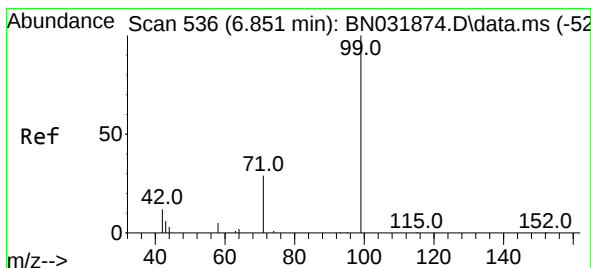
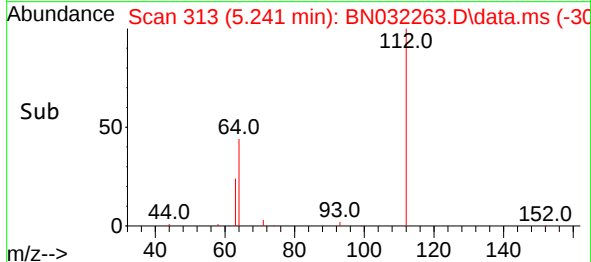
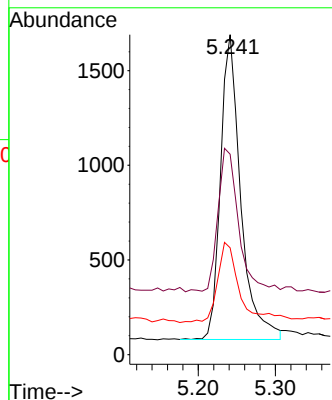
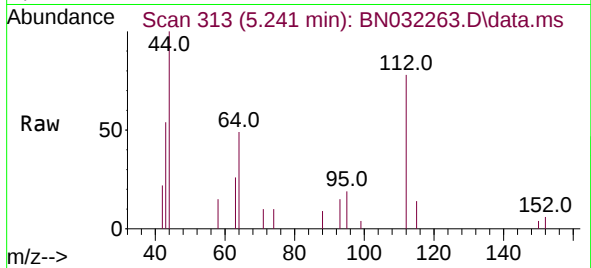
#4
2-Fluorophenol
Concen: 0.130 ng
RT: 5.241 min Scan# 317
Delta R.T. -0.007 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

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BNA_N
ClientSampleId :
BP-VPB-196-GW-680-682

Tgt Ion: 112 Resp: 293
Ion Ratio Lower Upper
112 100
64 46.0 42.4 63.6
63 28.1 22.1 33.1

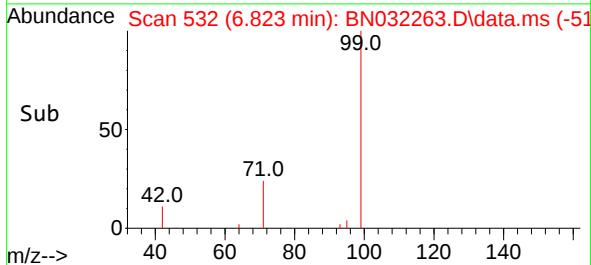
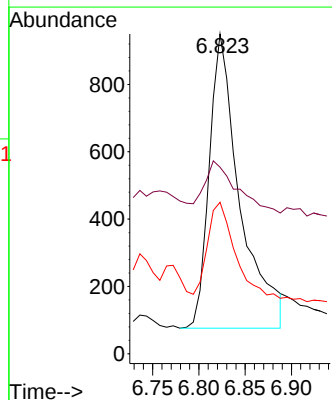
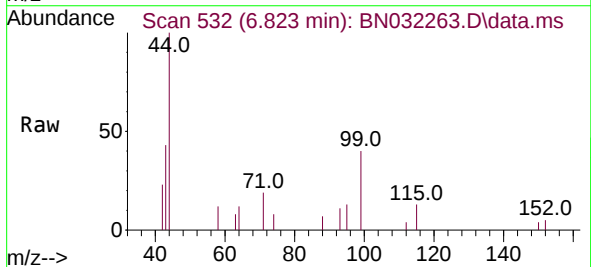
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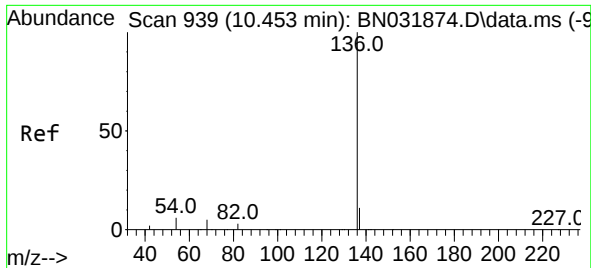
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#5
Phenol-d6
Concen: 0.068 ng
RT: 6.823 min Scan# 532
Delta R.T. -0.007 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

Tgt Ion: 99 Resp: 2009
Ion Ratio Lower Upper
99 100
42 18.2 12.8 19.2
71 29.2 25.4 38.2





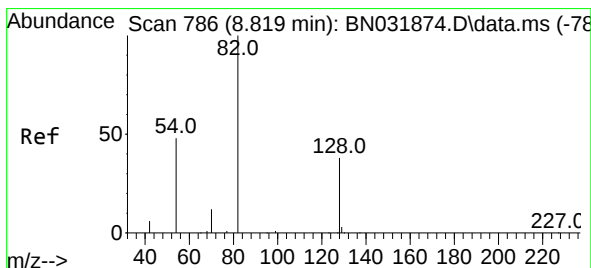
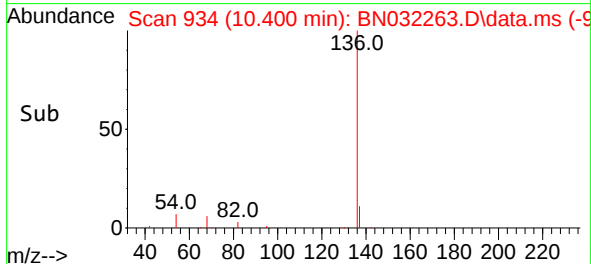
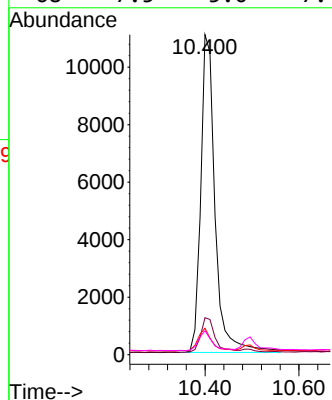
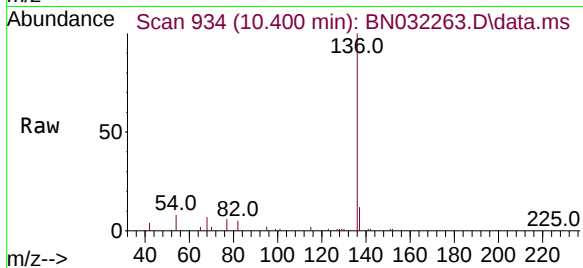
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.400 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-680-682

Tgt Ion:	136	Resp:	2336
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.9	13.3
54	8.3	5.6	8.4
68	7.5	5.0	7.4

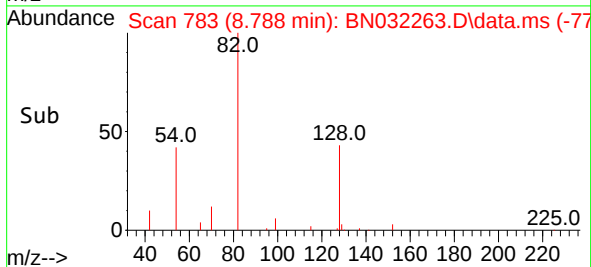
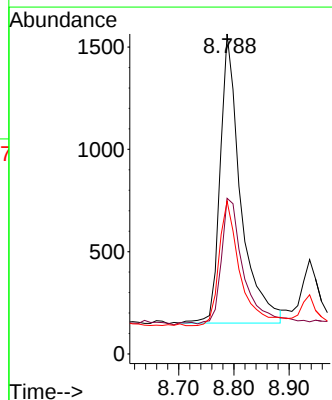
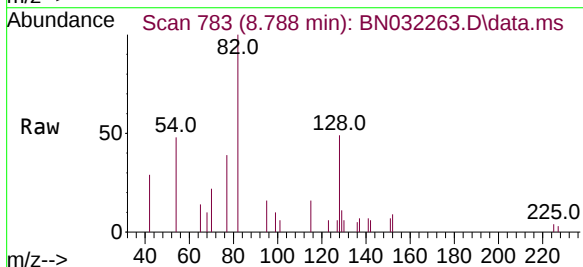
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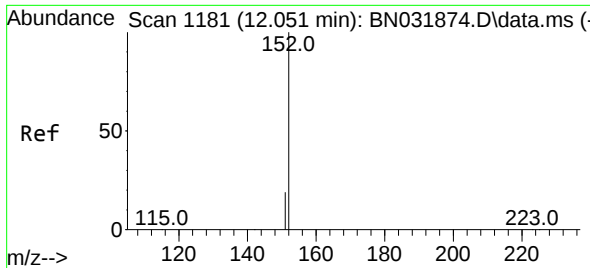
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#8
Nitrobenzene-d5
Concen: 0.187 ng
RT: 8.788 min Scan# 783
Delta R.T. -0.011 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

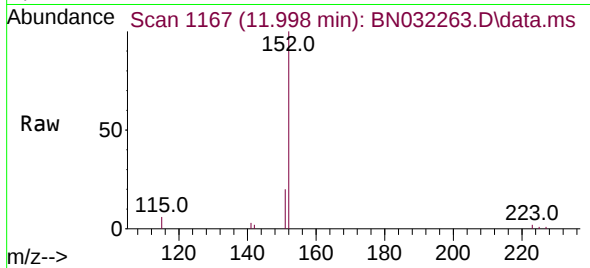
Tgt Ion:	82	Resp:	3624
Ion Ratio	Lower	Upper	
82	100		
128	48.7	32.1	48.1
54	47.8	39.7	59.5





#11
2-Methylnaphthalene-d10
Concen: 0.184 ng
RT: 11.998 min Scan# 1181
Delta R.T. -0.023 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

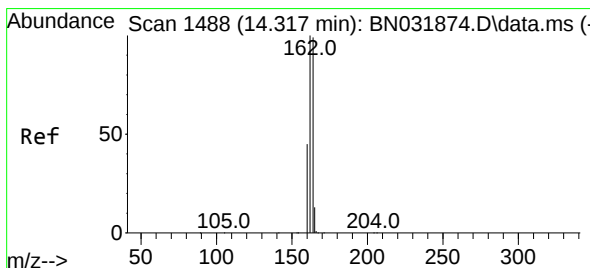
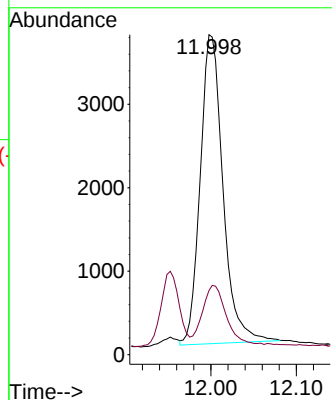
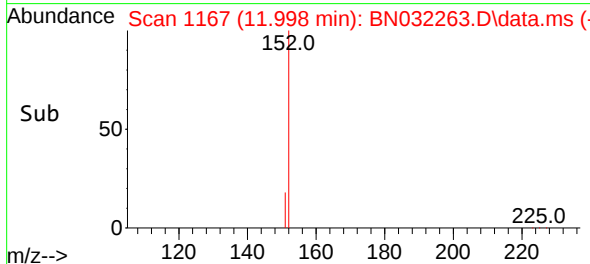
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-680-682



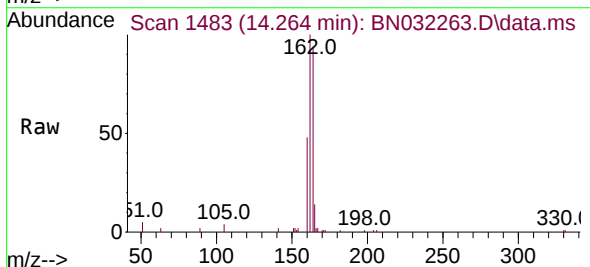
Tgt Ion:152 Resp: 6840
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5

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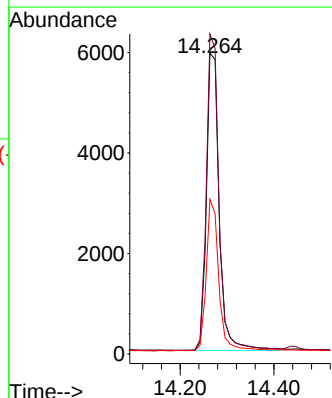
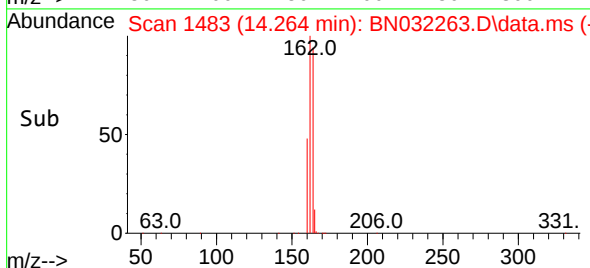
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

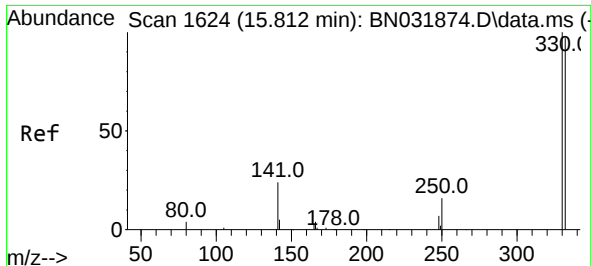


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.264 min Scan# 1483
Delta R.T. -0.021 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55



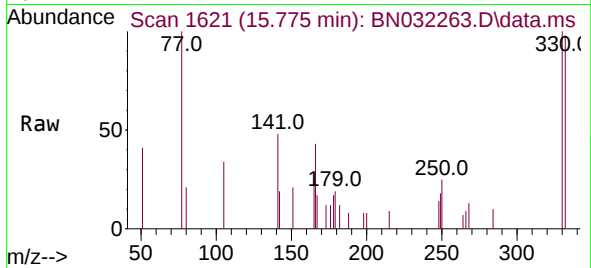
Tgt Ion:164 Resp: 11202
Ion Ratio Lower Upper
164 100
162 106.4 80.7 121.1
160 51.4 36.2 54.4





#14
2,4,6-Tribromophenol
Concen: 0.252 ng
RT: 15.775 min Scan# 1354
Delta R.T. -0.012 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

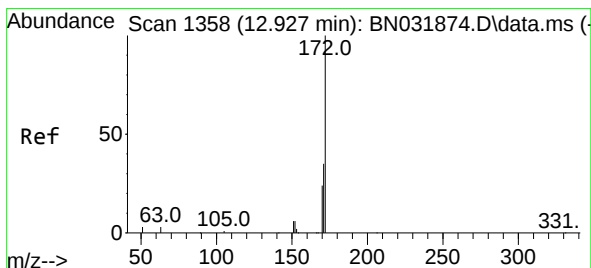
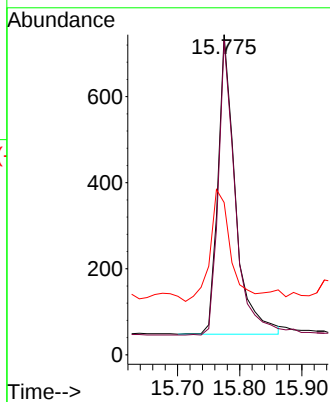
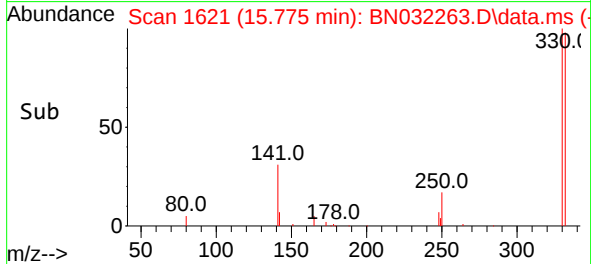
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-680-682



Tgt Ion:330 Resp: 1354
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 43.5 34.7 52.1

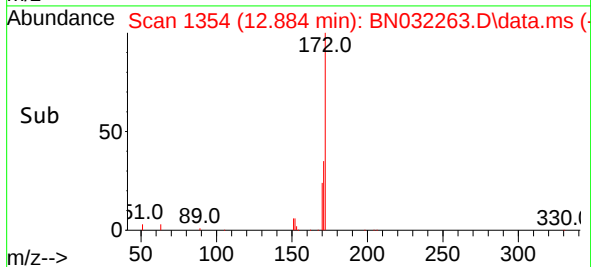
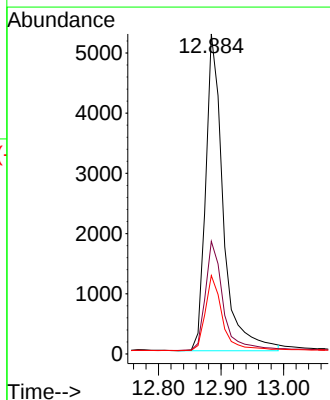
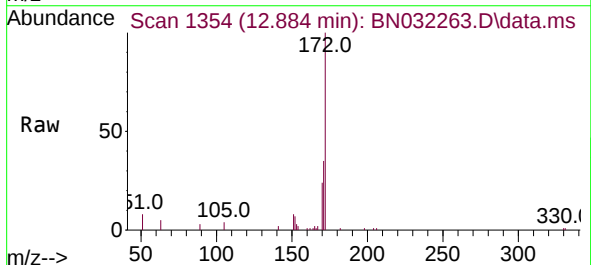
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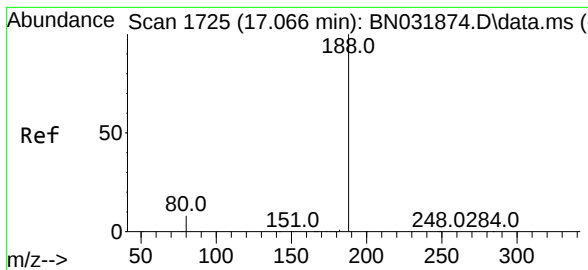
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#15
2-Fluorobiphenyl
Concen: 0.242 ng
RT: 12.884 min Scan# 1354
Delta R.T. -0.021 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

Tgt Ion:172 Resp: 10264
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 24.5 19.2 28.8





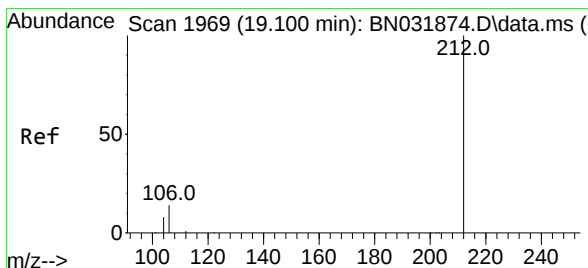
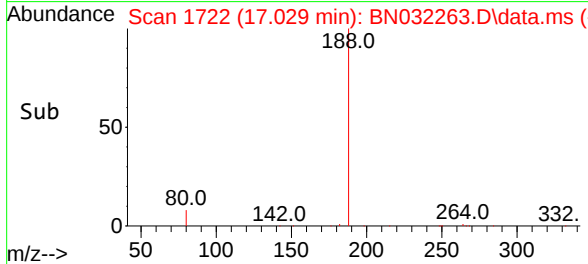
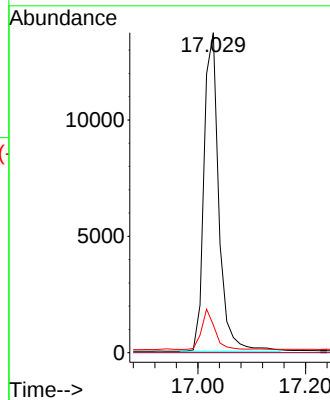
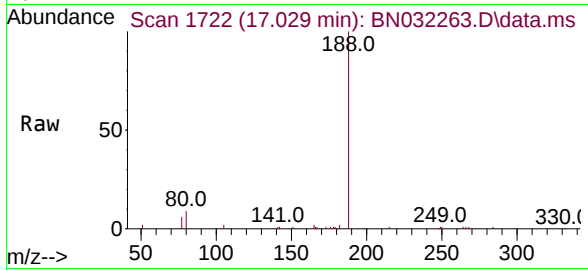
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-680-682

Tgt Ion:188 Resp: 2623
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 6.4 9.6

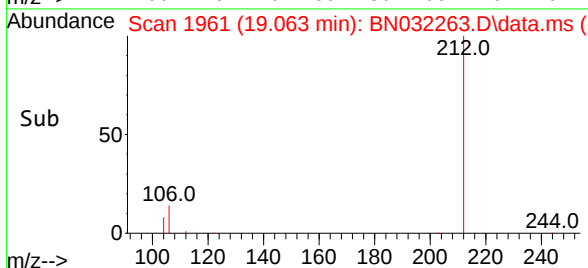
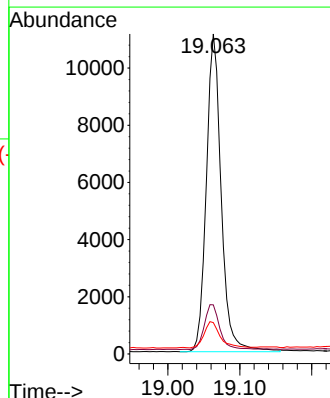
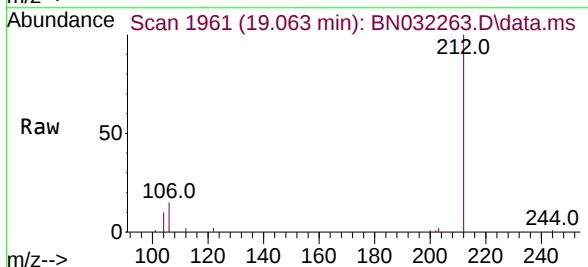
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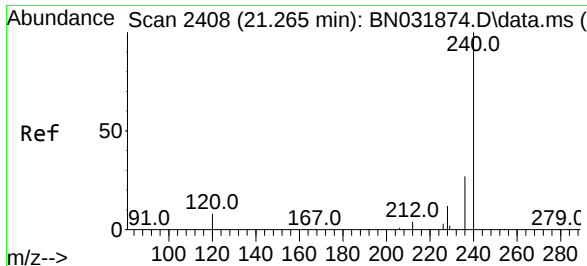
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#27
Fluoranthene-d10
Concen: 0.223 ng
RT: 19.063 min Scan# 1961
Delta R.T. -0.009 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

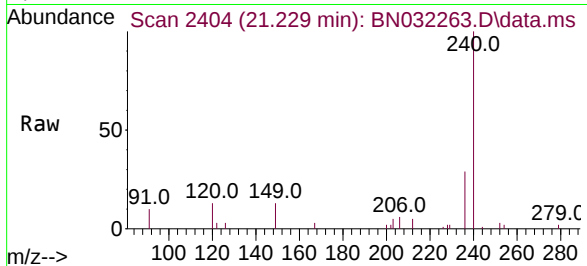
Tgt Ion:212 Resp: 15904
Ion Ratio Lower Upper
212 100
106 14.7 11.8 17.8
104 8.9 6.6 10.0





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

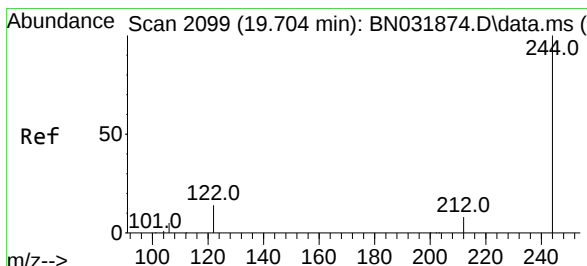
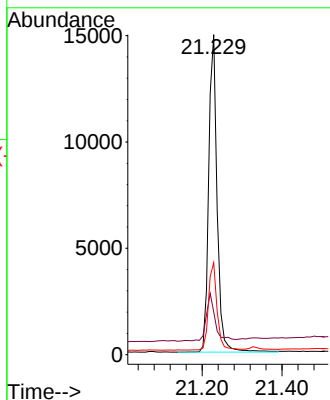
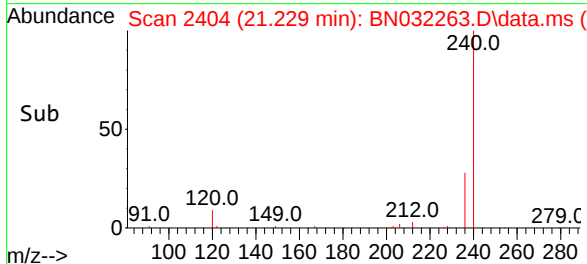
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-680-682



Tgt Ion:240 Resp: 21920
Ion Ratio Lower Upper
240 100
120 13.3 8.2 12.4
236 28.8 21.8 32.8

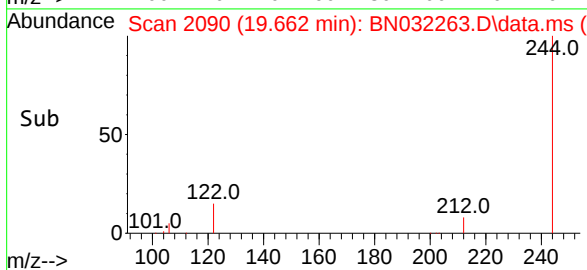
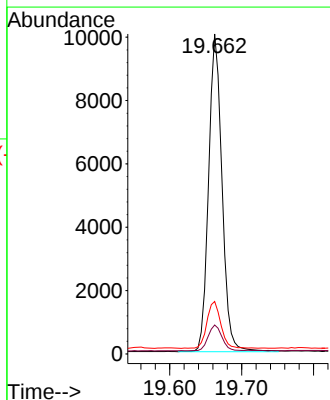
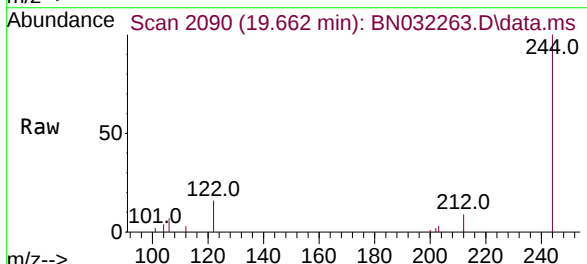
Manual Integrations
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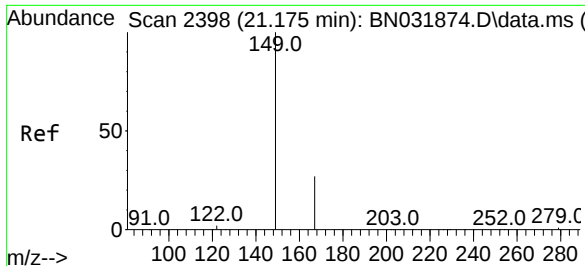
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#31
Terphenyl-d14
Concen: 0.242 ng
RT: 19.662 min Scan# 2090
Delta R.T. -0.009 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

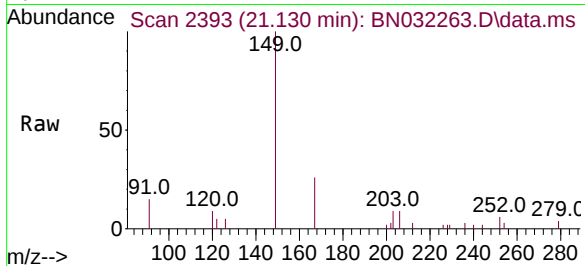
Tgt Ion:244 Resp: 12944
Ion Ratio Lower Upper
244 100
212 9.1 6.5 9.7
122 16.4 11.4 17.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.127 ng
RT: 21.130 min Scan# 2113
Delta R.T. -0.018 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

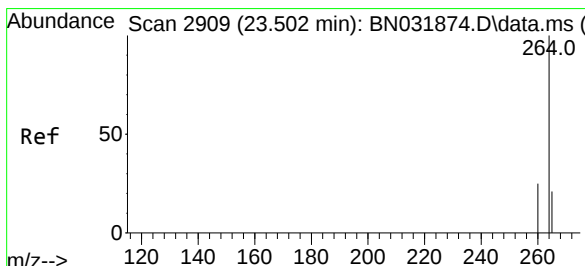
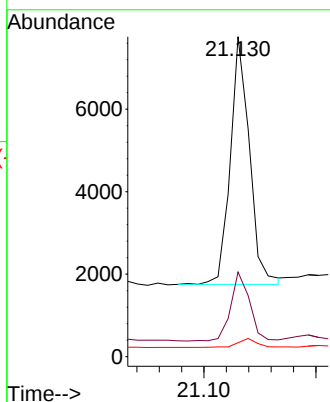
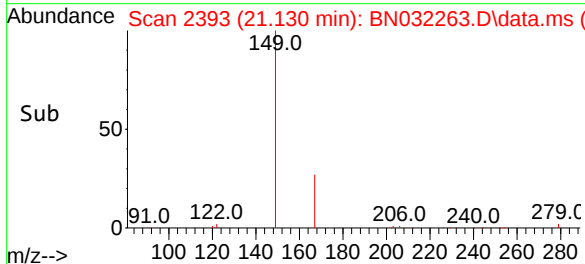
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-680-682



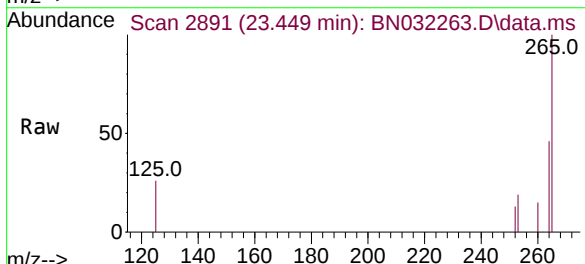
Tgt Ion:149 Resp: 7132
Ion Ratio Lower Upper
149 100
167 27.4 22.5 33.7
279 3.8 2.9 4.3

Manual Integrations
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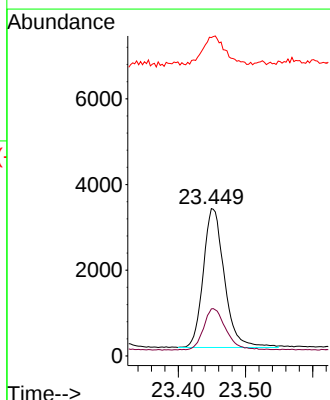
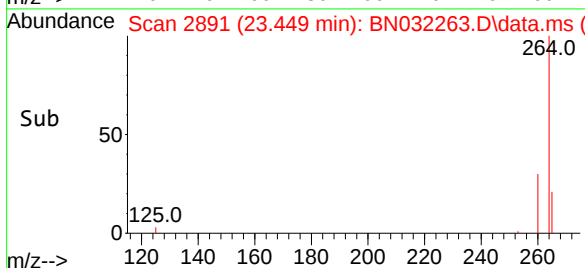
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

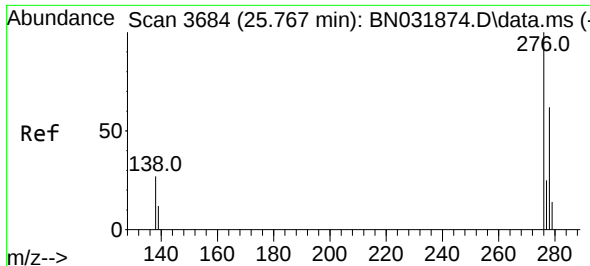


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.449 min Scan# 2891
Delta R.T. -0.003 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55



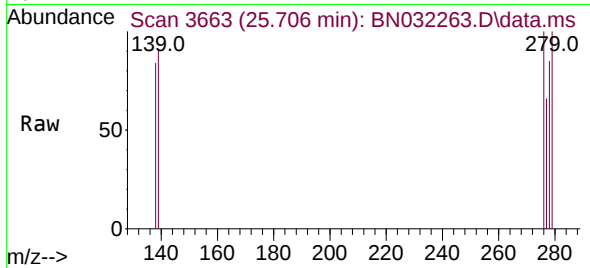
Tgt Ion:264 Resp: 7105
Ion Ratio Lower Upper
264 100
260 31.9 20.5 30.7#
265 216.0 39.6 59.4#





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.048 ng
RT: 25.706 min Scan# 30
Delta R.T. 0.012 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

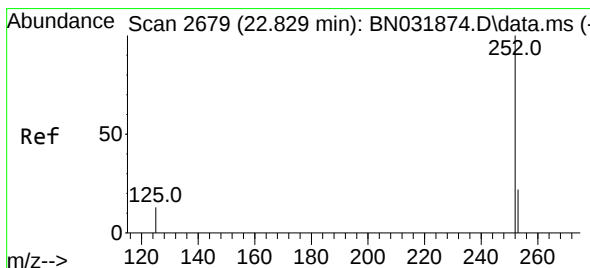
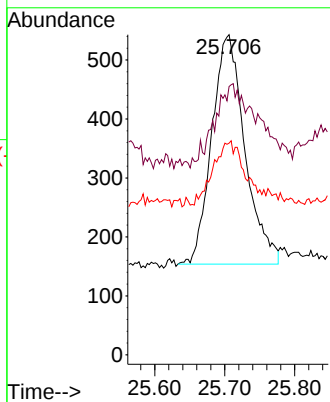
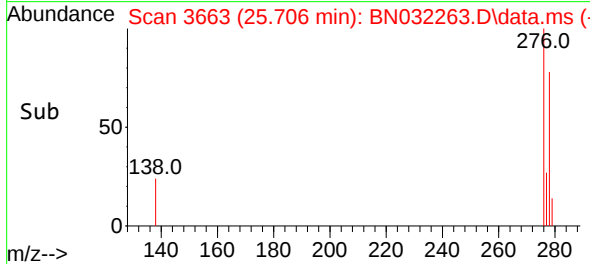
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-680-682



Tgt Ion:276 Resp: 1280
Ion Ratio Lower Upper
276 100
138 22.3 21.5 32.3
277 26.3 19.8 29.8

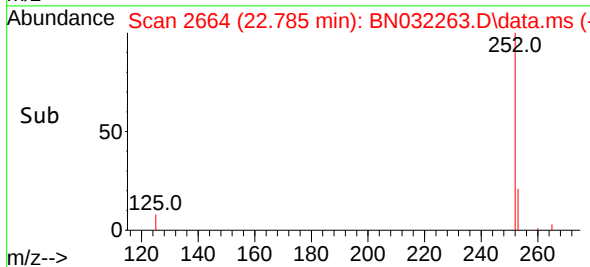
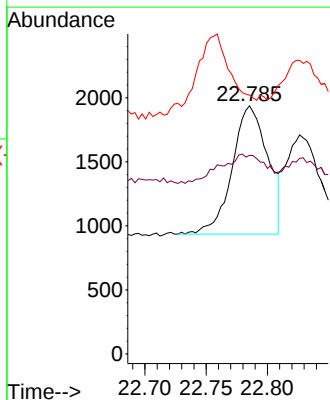
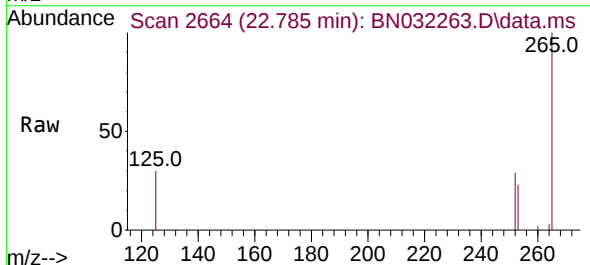
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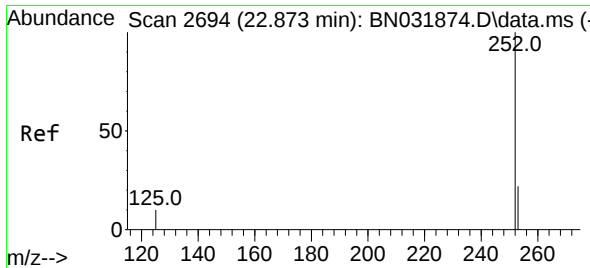
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#37
Benzo(b)fluoranthene
Concen: 0.078 ng
RT: 22.785 min Scan# 2664
Delta R.T. 0.000 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

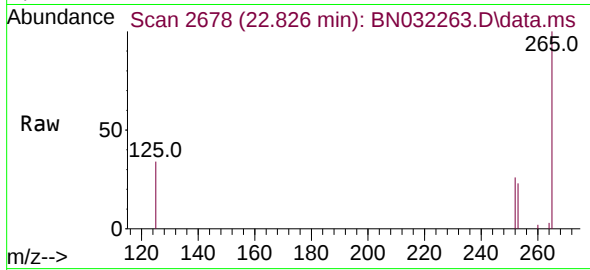
Tgt Ion:252 Resp: 2032
Ion Ratio Lower Upper
252 100
253 80.0 20.2 30.2#
125 104.3 14.2 21.4#





#38
Benzo(k)fluoranthene
Concen: 0.057 ng m
RT: 22.826 min Scan# 20
Delta R.T. -0.003 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55

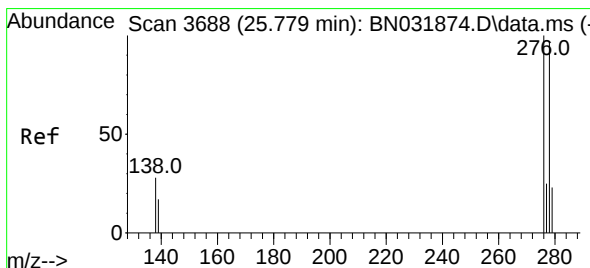
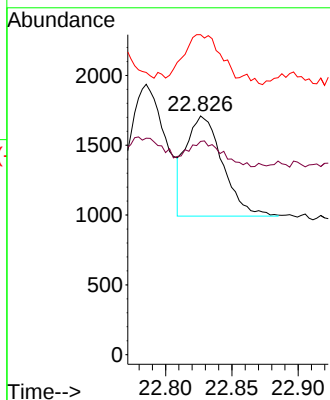
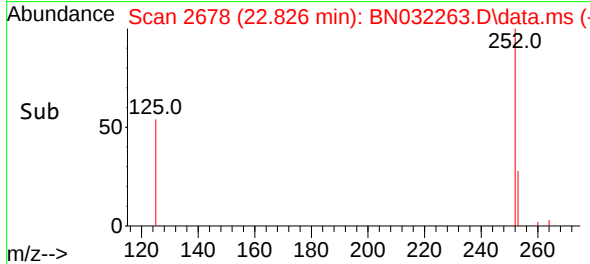
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-680-682



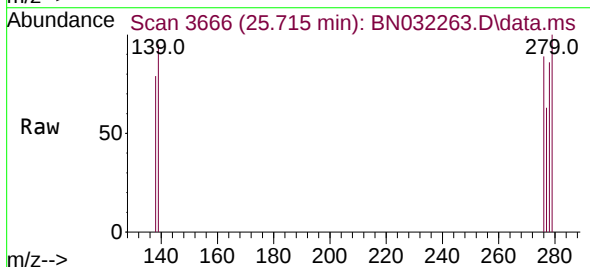
Tgt Ion:252 Resp: 1385
Ion Ratio Lower Upper
252 100
253 89.4 19.9 29.9#
125 134.0 13.0 19.4#

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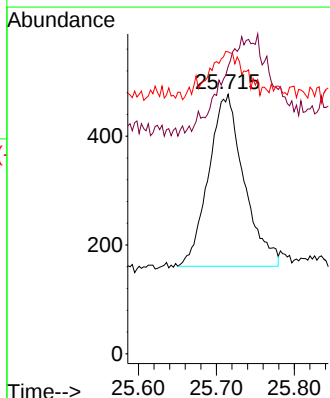
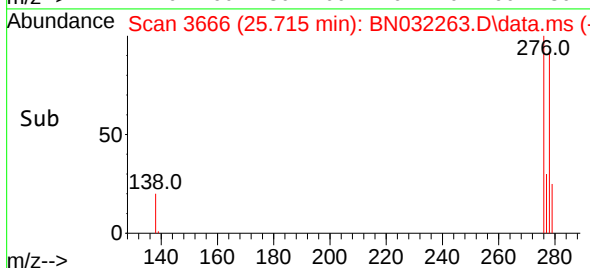
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

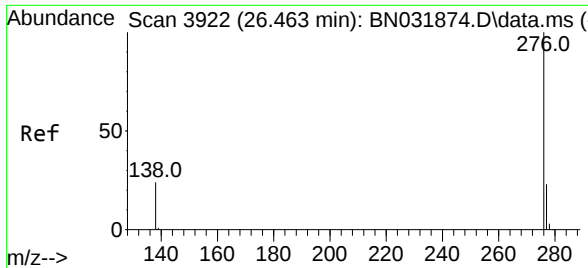


#40
Dibenzo(a,h)anthracene
Concen: 0.048 ng
RT: 25.715 min Scan# 3666
Delta R.T. 0.009 min
Lab File: BN032263.D
Acq: 26 Jun 2024 05:55



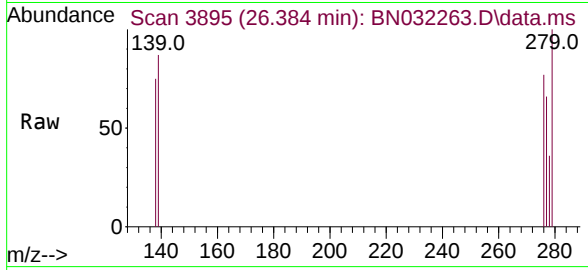
Tgt Ion:278 Resp: 998
Ion Ratio Lower Upper
278 100
139 110.7 17.0 25.4#
279 116.4 21.4 32.0#





#41
 Benzo(g,h,i)perylene
 Concen: 0.034 ng
 RT: 26.384 min Scan# 3895
 Delta R.T. 0.006 min
 Lab File: BN032263.D
 Acq: 26 Jun 2024 05:55

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-680-682



Tgt Ion: 276 Resp: 759

Ion	Ratio	Lower	Upper
276	100		
277	85.6	20.2	30.2
138	97.6	20.6	31.0

Manual Integrations
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 Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024

