

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023353.D
 Acq On : 22 Dec 2022 23:41
 Operator : CG/JU
 Sample : N6003-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXQ4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 23 01:00:08 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	5902	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	20020	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.646	164	12739	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.391	188	29312	0.400	ng/ul	0.00
17) Chrysene-d12	21.579	240	26686	0.400	ng/ul	# 0.00
23) Perylene-d12	24.031	264	19106	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	48986	7.639	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.404	152	16391	0.529	ng/ul	0.00
18) Fluoranthene-d10	19.421	212	44180	0.458	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.865	128	2929	0.050	ng/ul#	88
7) 2-Methylnaphthalene	12.476	142	1415	0.038	ng/ul	97
8) 1-Methylnaphthalene	12.696	142	980	0.025	ng/ul	95
10) Acenaphthylene	14.368	152	2313	0.041	ng/ul#	80
14) Pentachlorophenol	17.045	266	364	0.045	ng/ul	95
15) Phenanthrene	17.433	178	20071	0.210	ng/ul	96
16) Anthracene	17.526	178	3792	0.048	ng/ul#	83
19) Fluoranthene	19.449	202	73176	0.565	ng/ul#	92
20) Pyrene	19.816	202	56950m	0.436	ng/ul	
21) Benzo(a)anthracene	21.561	228	36316	0.350	ng/ul#	94
22) Chrysene	21.617	228	46765	0.443	ng/ul#	89
24) Benzo(b)fluoranthene	23.280	252	70496m	0.713	ng/ul	
25) Benzo(k)fluoranthene	23.327	252	22209m	0.239	ng/ul	
26) Benzo(a)pyrene	23.923	252	37179	0.475	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.588	276	30808	0.337	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.605	278	7803	0.110	ng/ul#	34
29) Benzo(g,h,i)perylene	27.383	276	27810	0.374	ng/ul	94

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

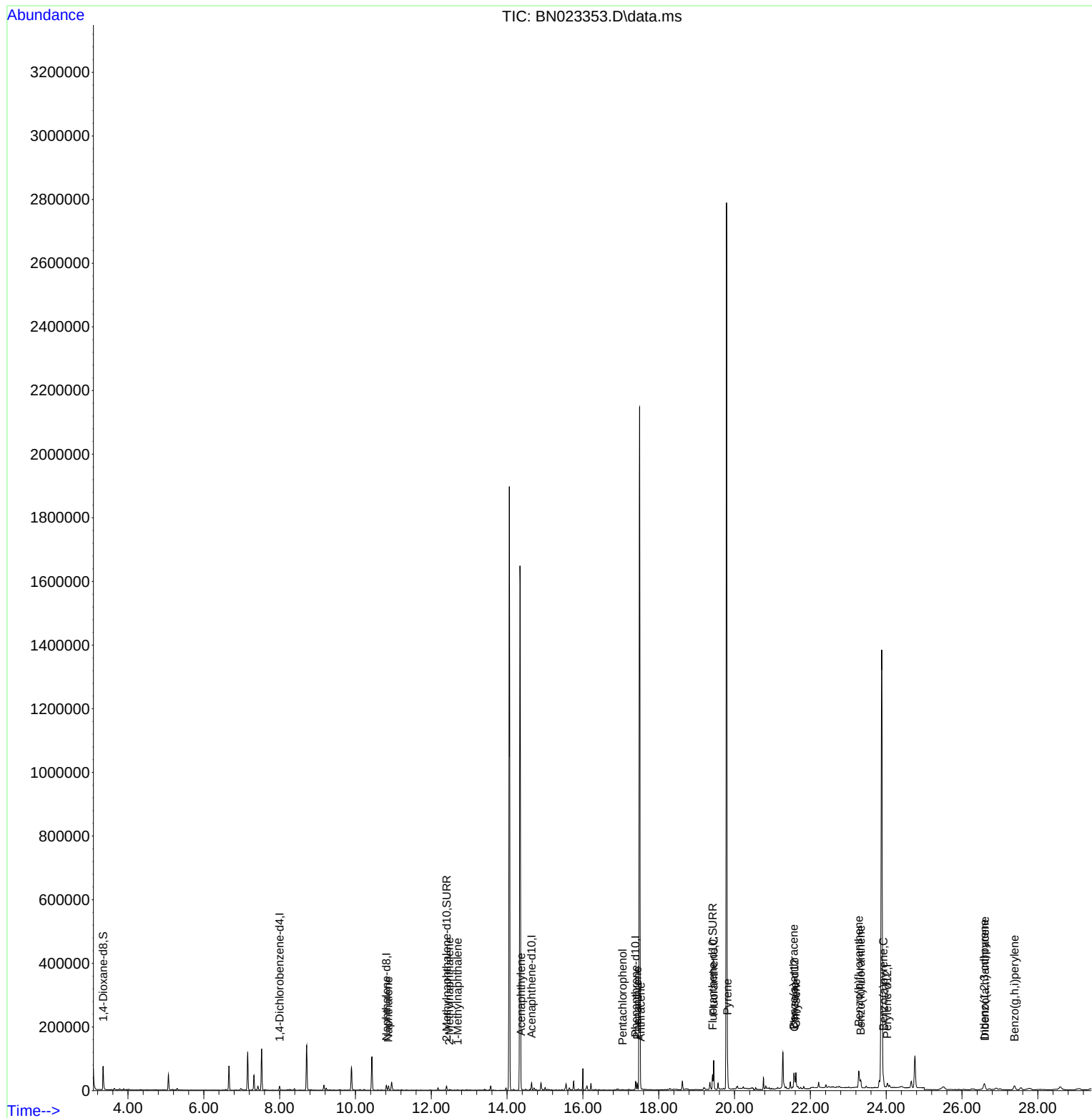
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
Data File : BN023353.D
Acq On : 22 Dec 2022 23:41
Operator : CG/JU
Sample : N6003-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

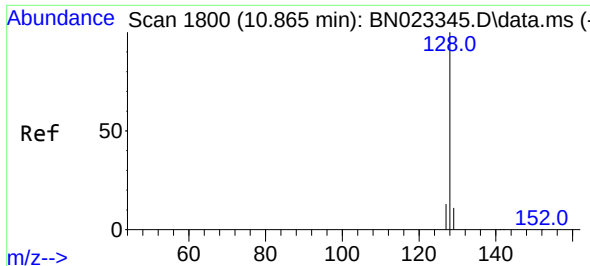
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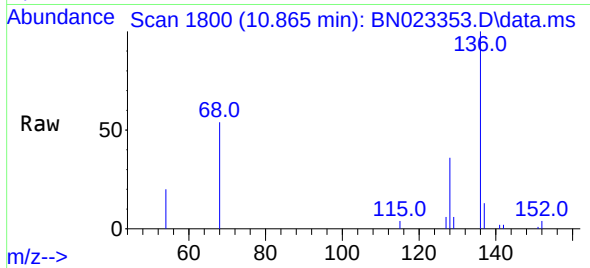
Quant Time: Dec 23 01:00:08 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.050 ng/ul
RT: 10.865 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN023353.D
Acq: 22 Dec 2022 23:41

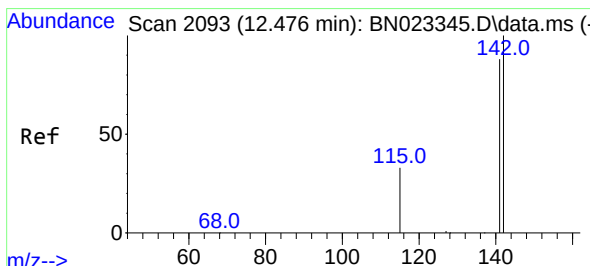
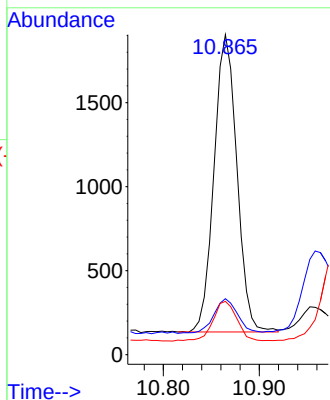
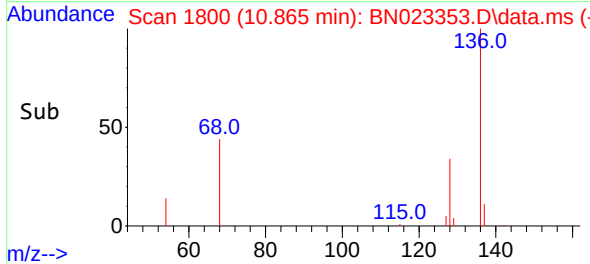
Instrument :
BNA_N
ClientSampleId :
DBXQ4



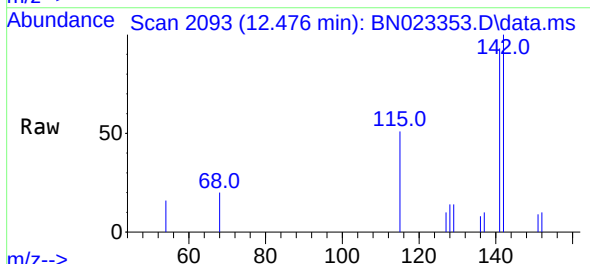
Tgt Ion:128 Resp: 2929
Ion Ratio Lower Upper
128 100
129 17.5 9.0 13.4
127 16.6 10.7 16.1

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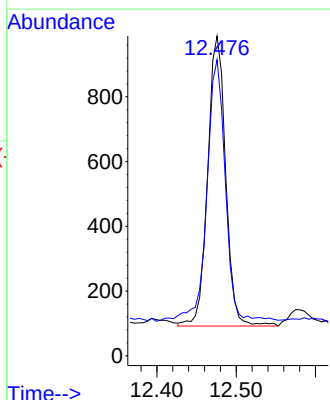
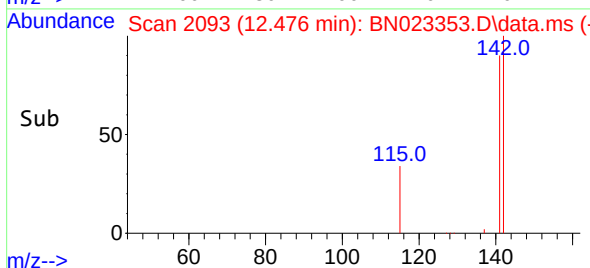
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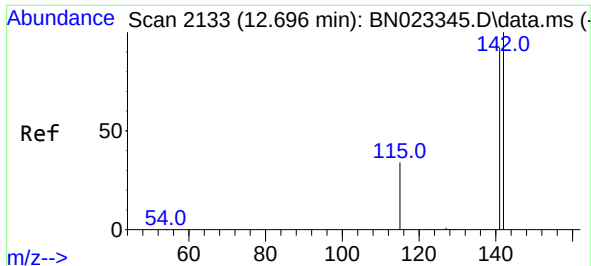


#7
2-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.476 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN023353.D
Acq: 22 Dec 2022 23:41



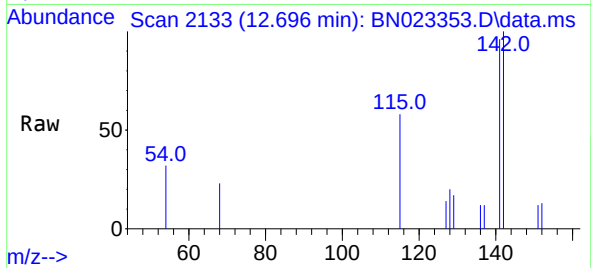
Tgt Ion:142 Resp: 1415
Ion Ratio Lower Upper
142 100
141 92.1 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.696 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN023353.D
Acq: 22 Dec 2022 23:41

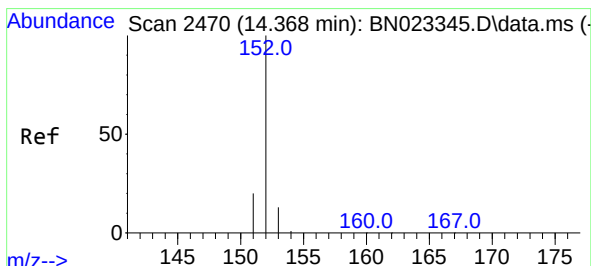
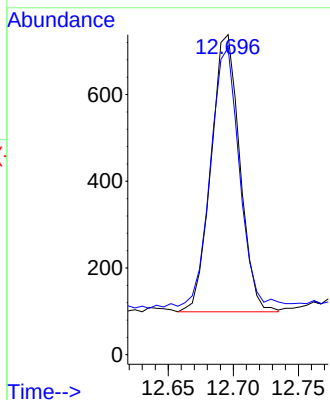
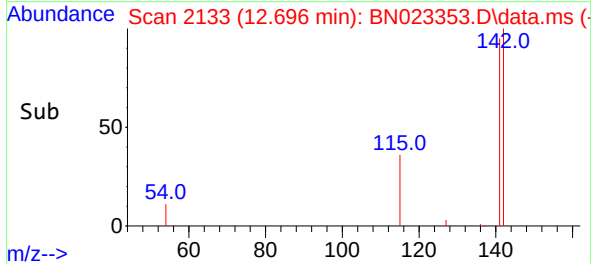
Instrument :
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ClientSampleId :
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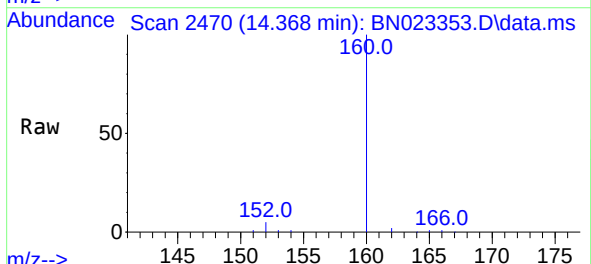
Tgt Ion:142 Resp: 980
Ion Ratio Lower Upper
142 100
141 96.9 74.0 111.0

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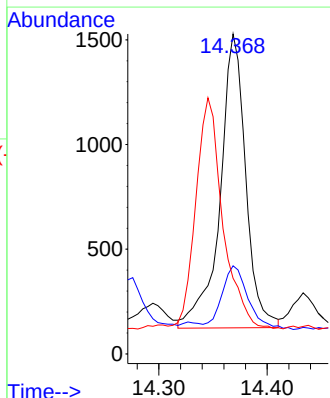
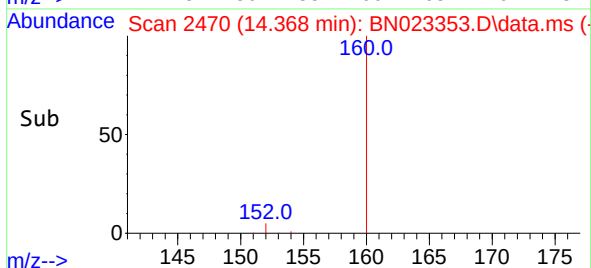
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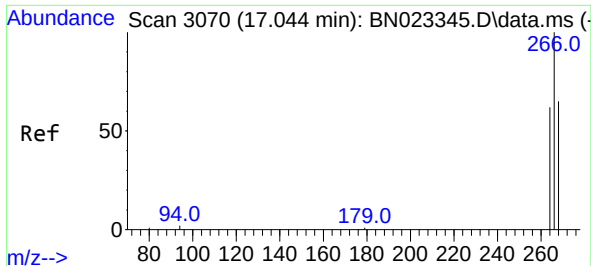


#10
Acenaphthylene
Concen: 0.041 ng/ul
RT: 14.368 min Scan# 2470
Delta R.T. 0.000 min
Lab File: BN023353.D
Acq: 22 Dec 2022 23:41



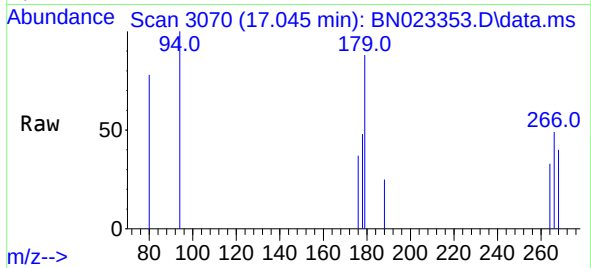
Tgt Ion:152 Resp: 2313
Ion Ratio Lower Upper
152 100
151 27.6 16.1 24.1#
153 23.6 10.9 16.3#





#14
Pentachlorophenol
Concen: 0.045 ng/u1
RT: 17.045 min Scan# 3070
Delta R.T. 0.004 min
Lab File: BN023353.D
Acq: 22 Dec 2022 23:41

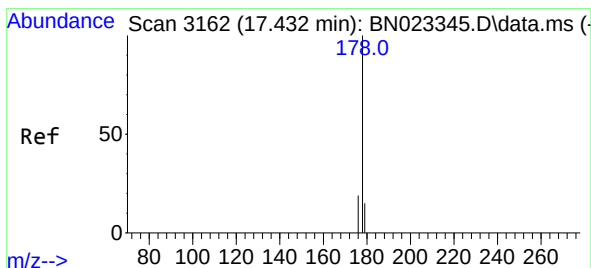
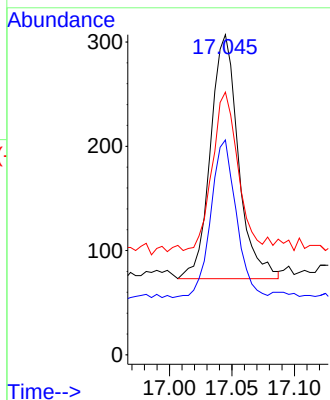
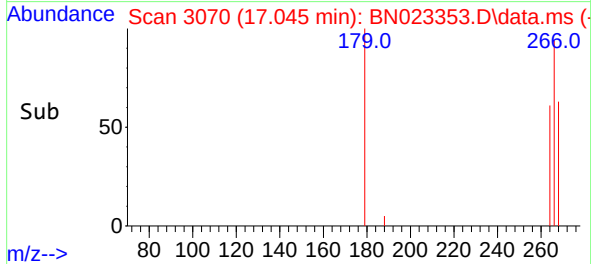
Instrument :
BNA_N
ClientSampleId :
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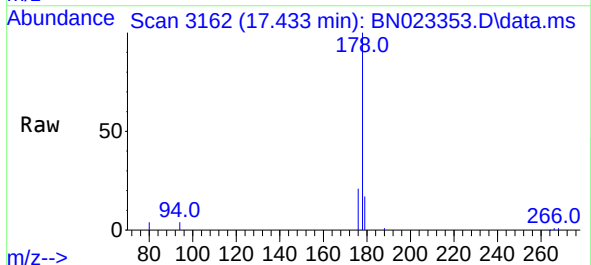
Tgt Ion:266 Resp: 364
Ion Ratio Lower Upper
266 100
264 58.8 49.8 74.6
268 59.3 51.4 77.0

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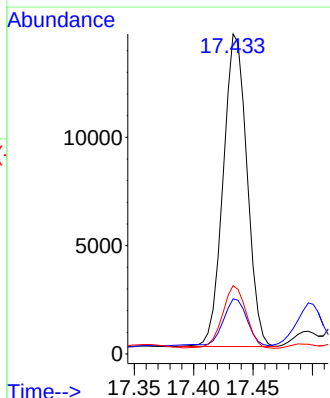
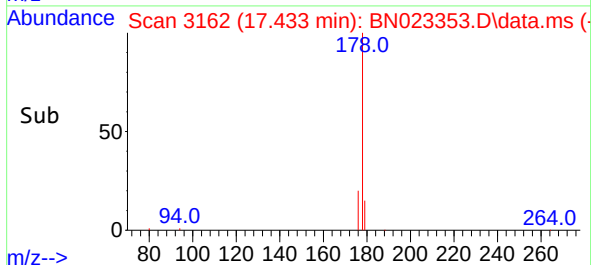
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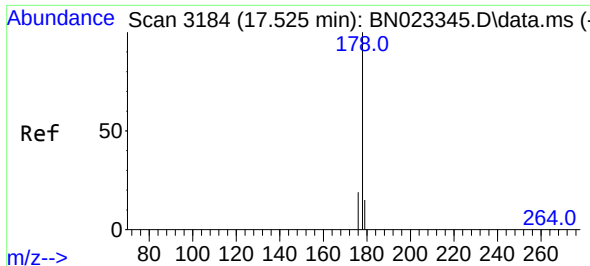


#15
Phenanthrene
Concen: 0.210 ng/u1
RT: 17.433 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BN023353.D
Acq: 22 Dec 2022 23:41



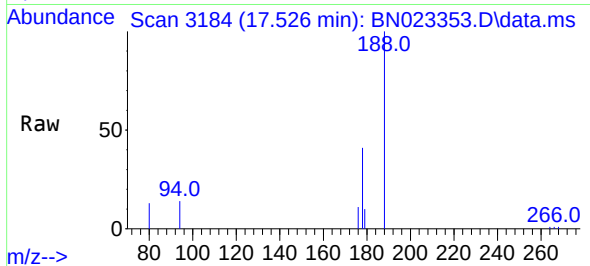
Tgt Ion:178 Resp: 20071
Ion Ratio Lower Upper
178 100
179 17.2 12.5 18.7
176 21.3 15.7 23.5





#16
 Anthracene
 Concen: 0.048 ng/ul
 RT: 17.526 min Scan# 3184
 Delta R.T. 0.000 min
 Lab File: BN023353.D
 Acq: 22 Dec 2022 23:41

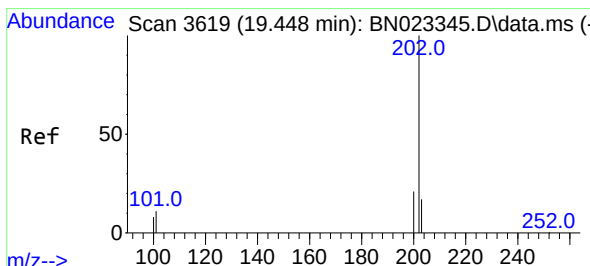
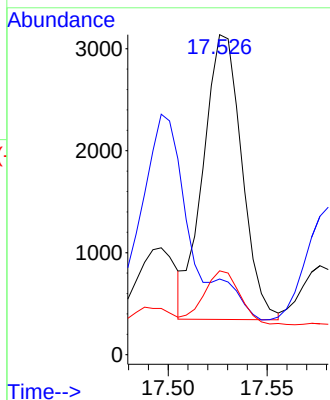
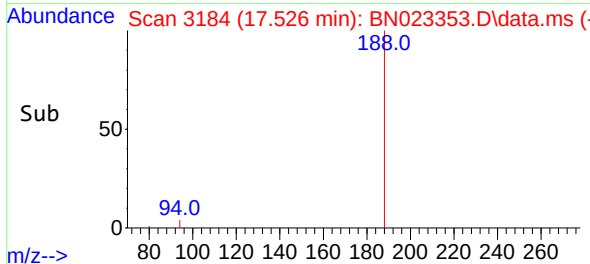
Instrument :
 BNA_N
 ClientSampleId :
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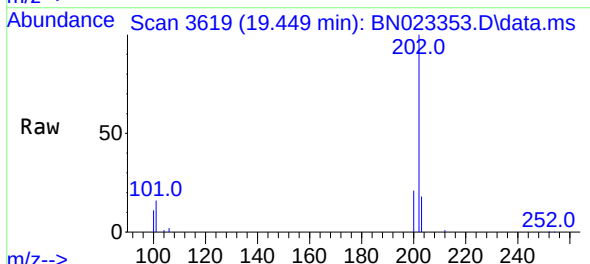
Tgt Ion:178 Resp: 3792
 Ion Ratio Lower Upper
 178 100
 179 23.7 12.6 18.8#
 176 26.2 15.4 23.0#

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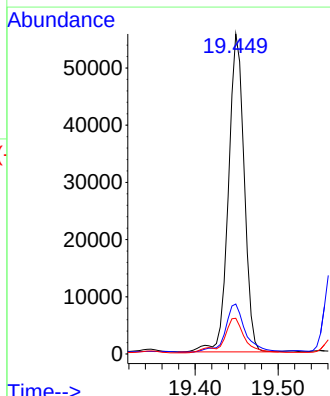
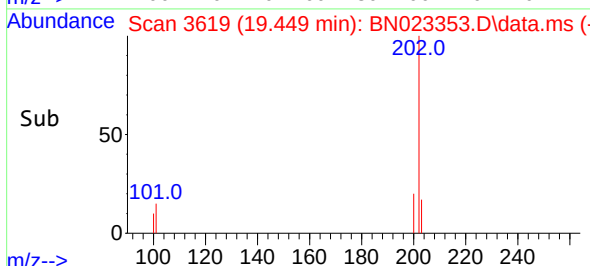
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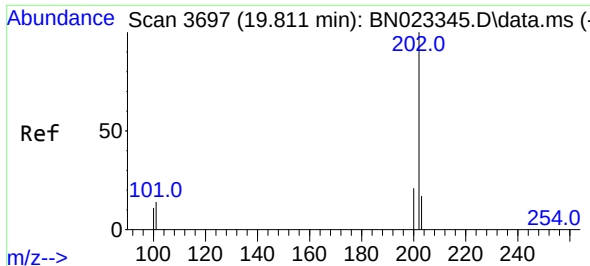


#19
 Fluoranthene
 Concen: 0.565 ng/ul
 RT: 19.449 min Scan# 3619
 Delta R.T. 0.000 min
 Lab File: BN023353.D
 Acq: 22 Dec 2022 23:41



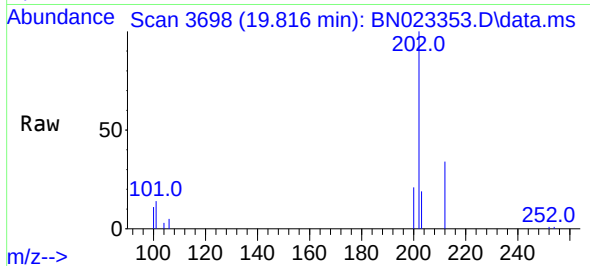
Tgt Ion:202 Resp: 73176
 Ion Ratio Lower Upper
 202 100
 101 15.6 9.4 14.2#
 100 11.2 7.0 10.6#





#20
Pyrene
Concen: 0.436 ng/ul m
RT: 19.816 min Scan# 3697
Delta R.T. 0.005 min
Lab File: BN023353.D
Acq: 22 Dec 2022 23:41

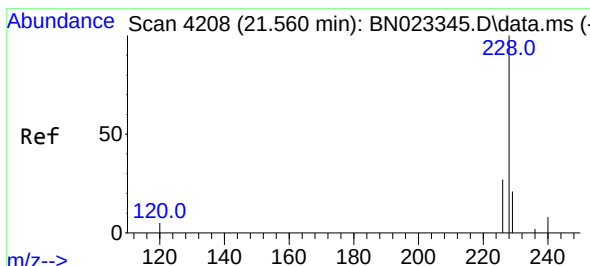
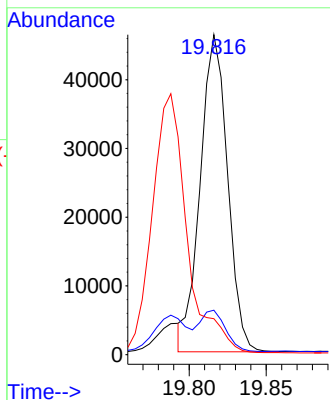
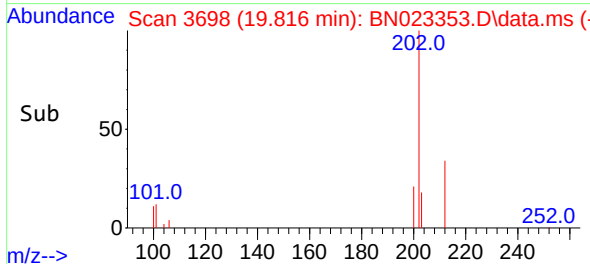
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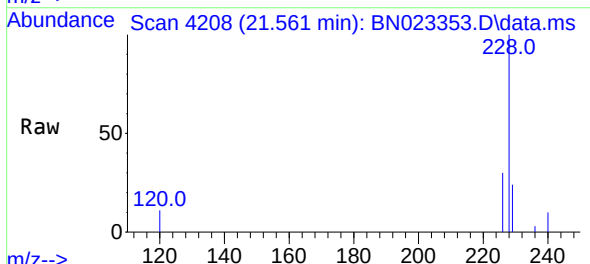
Tgt Ion:202 Resp: 56950
Ion Ratio Lower Upper
202 100
101 13.9 11.3 16.9
100 11.2 9.0 13.4

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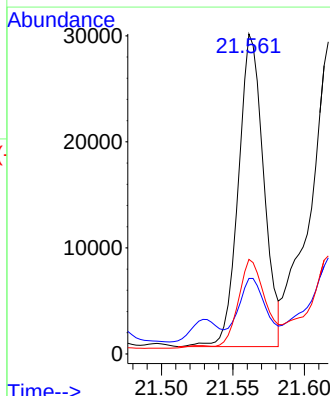
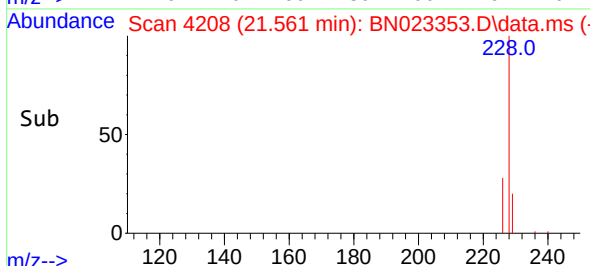
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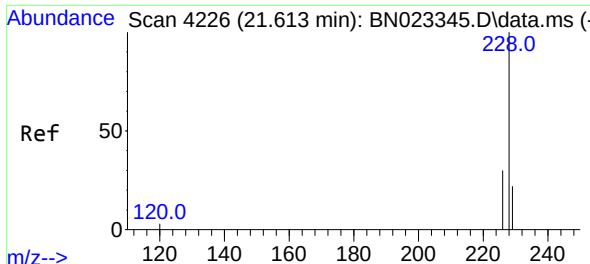


#21
Benzo(a)anthracene
Concen: 0.350 ng/ul
RT: 21.561 min Scan# 4208
Delta R.T. 0.000 min
Lab File: BN023353.D
Acq: 22 Dec 2022 23:41



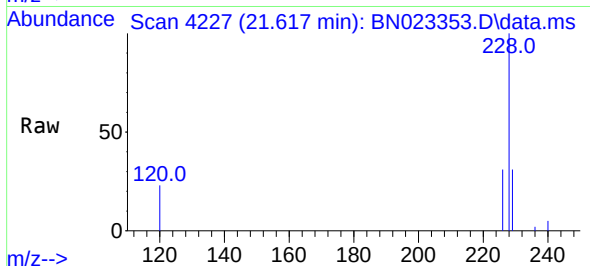
Tgt Ion:228 Resp: 36316
Ion Ratio Lower Upper
228 100
229 23.6 15.6 23.4#
226 29.5 22.2 33.2





#22
Chrysene
Concen: 0.443 ng/ul
RT: 21.617 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN023353.D
Acq: 22 Dec 2022 23:41

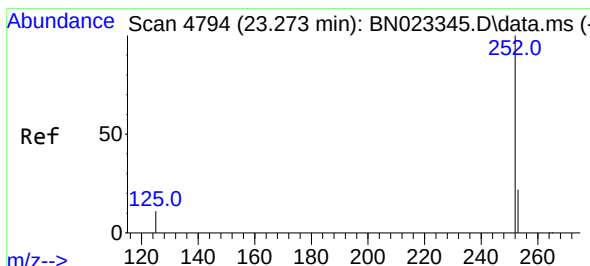
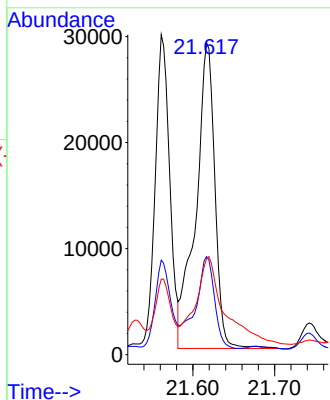
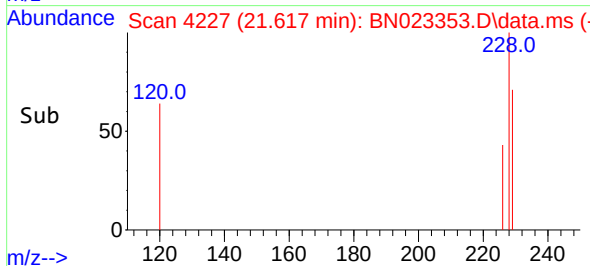
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DBXQ4



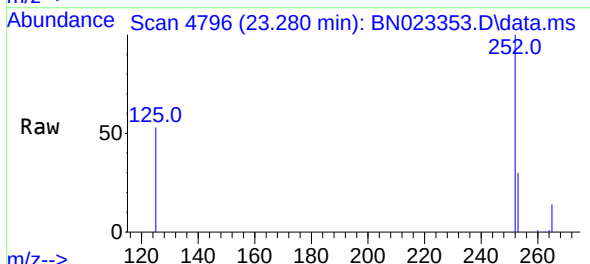
Tgt Ion:228 Resp: 4676
Ion Ratio Lower Upper
228 100
226 31.4 24.3 36.5
229 30.8 15.8 23.6

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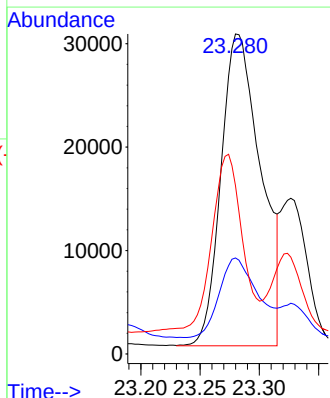
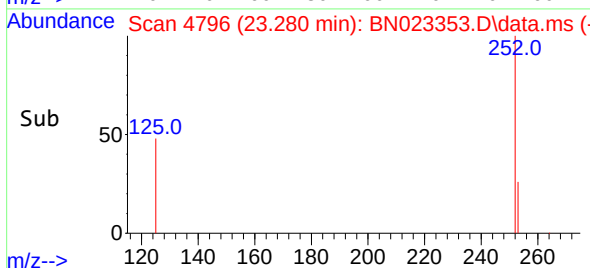
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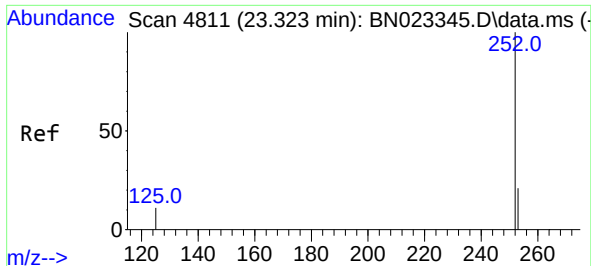


#24
Benzo(b)fluoranthene
Concen: 0.713 ng/ul m
RT: 23.280 min Scan# 4796
Delta R.T. 0.006 min
Lab File: BN023353.D
Acq: 22 Dec 2022 23:41



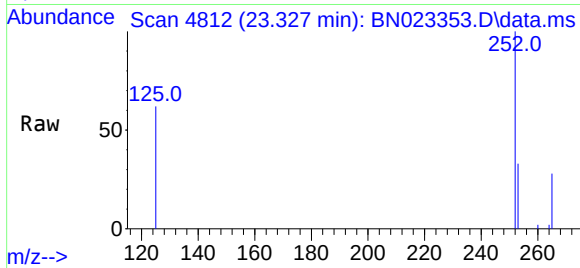
Tgt Ion:252 Resp: 70496
Ion Ratio Lower Upper
252 100
253 30.0 0.0 49.2
125 52.6 0.0 31.8





#25
Benzo(k)fluoranthene
Concen: 0.239 ng/ul m
RT: 23.327 min Scan# 4811
Delta R.T. 0.003 min
Lab File: BN023353.D
Acq: 22 Dec 2022 23:41

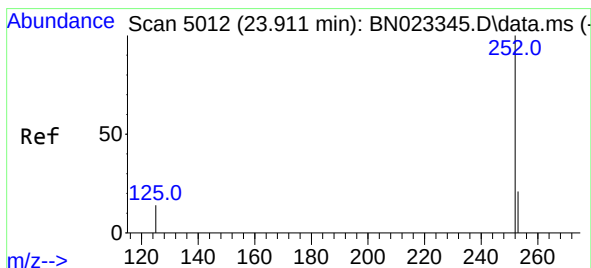
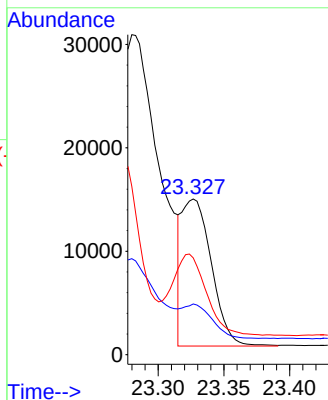
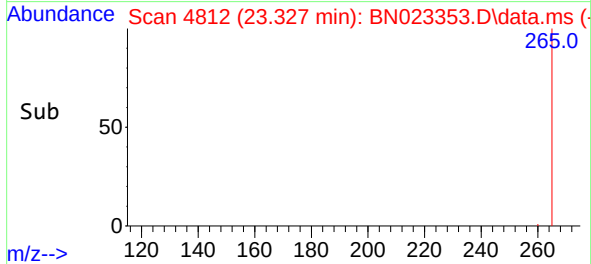
Instrument :
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DBXQ4



Tgt Ion:252 Resp: 22209
Ion Ratio Lower Upper
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253 32.6 19.8 29.6
125 62.1 12.6 18.8

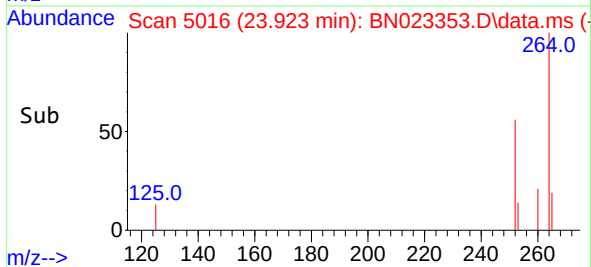
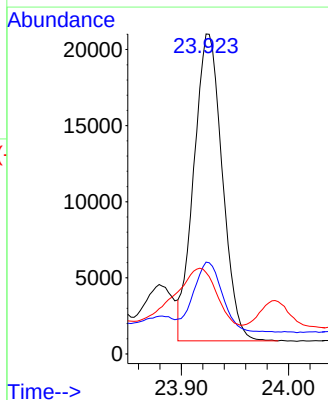
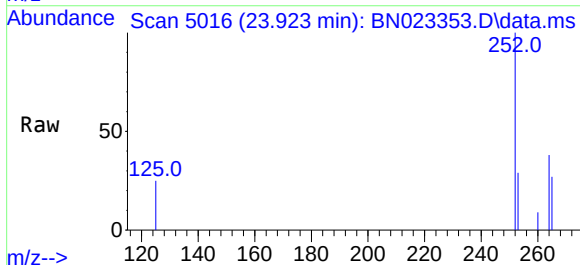
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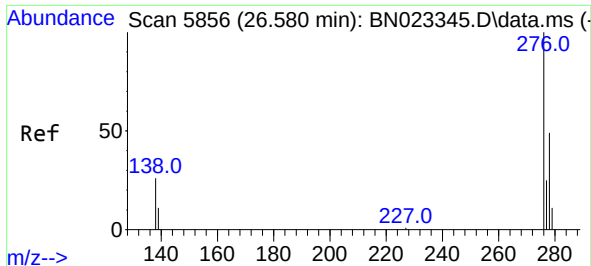
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#26
Benzo(a)pyrene
Concen: 0.475 ng/ul
RT: 23.923 min Scan# 5016
Delta R.T. 0.009 min
Lab File: BN023353.D
Acq: 22 Dec 2022 23:41

Tgt Ion:252 Resp: 37179
Ion Ratio Lower Upper
252 100
253 28.7 21.4 32.2
125 25.5 16.2 24.4





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.337 ng/ul
 RT: 26.588 min Scan# 5856
 Delta R.T. 0.010 min
 Lab File: BN023353.D
 Acq: 22 Dec 2022 23:41

Instrument :

BNA_N

ClientSampleId :

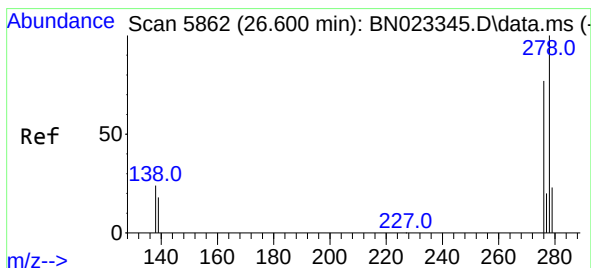
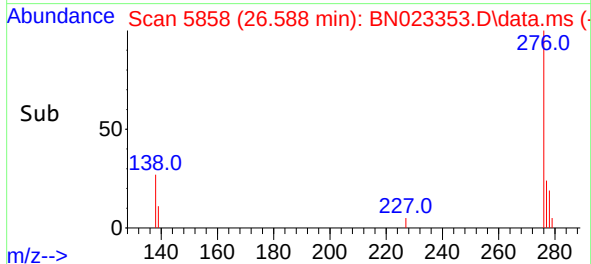
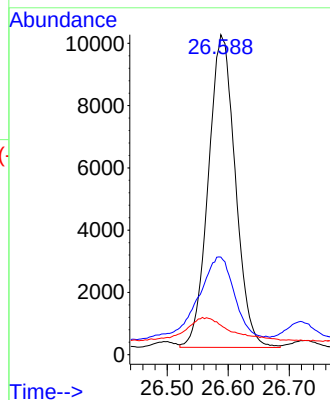
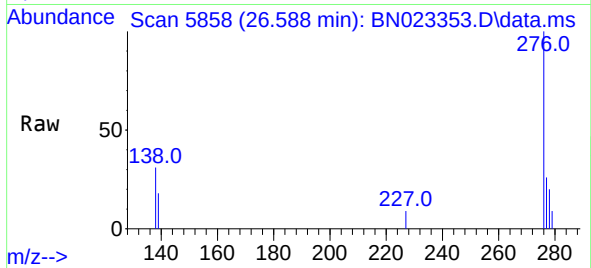
DBXQ4

Tgt Ion:276 Resp: 3080
 Ion Ratio Lower Upper
 276 100
 138 36.5 23.4 35.2
 227 0.0 0.0 0.0

Manual Integrations

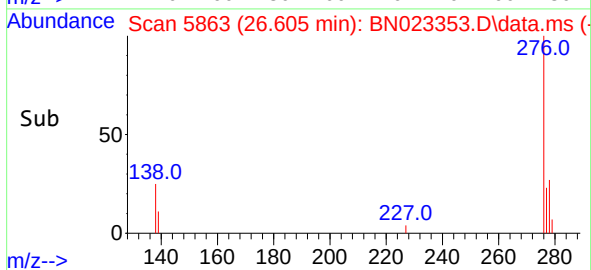
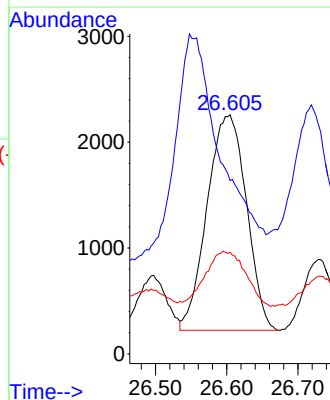
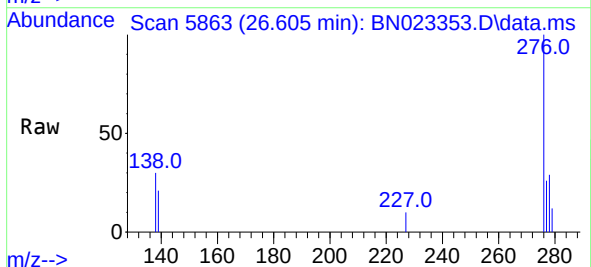
APPROVED

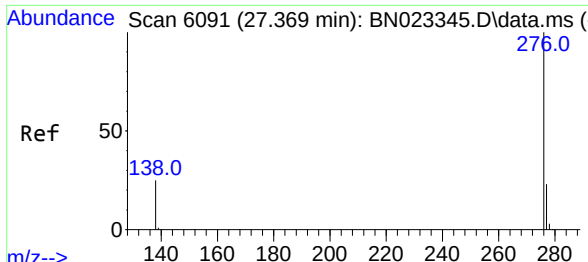
Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#28
 Dibenzo(a,h)anthracene
 Concen: 0.110 ng/ul
 RT: 26.605 min Scan# 5863
 Delta R.T. 0.003 min
 Lab File: BN023353.D
 Acq: 22 Dec 2022 23:41

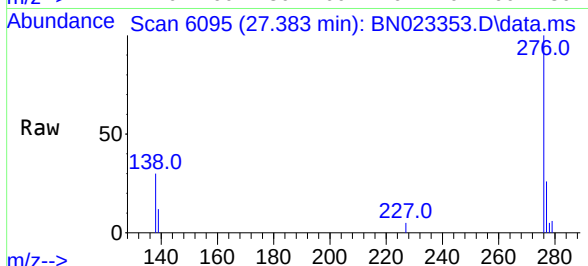
Tgt Ion:278 Resp: 7803
 Ion Ratio Lower Upper
 278 100
 139 72.5 16.6 24.8#
 279 42.5 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.374 ng/ul
 RT: 27.383 min Scan# 6095
 Delta R.T. 0.013 min
 Lab File: BN023353.D
 Acq: 22 Dec 2022 23:41

Instrument :
 BNA_N
 ClientSampleId :
 DBXQ4



Tgt Ion: 276 Resp: 27810

Ion	Ratio	Lower	Upper
276	100		
138	30.0	20.3	30.5
277	25.9	19.7	29.5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

