

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033085.D
 Acq On : 30 Jul 2024 01:40
 Operator : MA/JU
 Sample : PB162220BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS220

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 02:05:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 23:04:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	1786m	0.400	ng/ul	0.06
4) Naphthalene-d8	10.355	136	6487	0.400	ng/ul	# 0.05
9) Acenaphthene-d10	14.175	164	4965m	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	11855	0.400	ng/ul	0.00
17) Chrysene-d12	21.154	240	11433	0.400	ng/ul	0.00
23) Perylene-d12	23.340	264	13055	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.060	96	1529	0.677	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.961	152	3152	0.298	ng/ul	0.05
18) Fluoranthene-d10	18.986	212	10676	0.330	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.090	88	4478	1.739	ng/ul#	69
5) Naphthalene	10.416	128	5392	0.324	ng/ul	95
7) 2-Methylnaphthalene	12.038	142	3331	0.295	ng/ul	96
8) 1-Methylnaphthalene	12.225	142	3937	0.323	ng/ul	99
10) Acenaphthylene	13.912	152	6013	0.296	ng/ul	97
11) Acenaphthene	14.240	153	5311	0.347	ng/ul	99
12) Fluorene	15.263	166	5849	0.328	ng/ul	97
14) Pentachlorophenol	16.645	266	1120	0.464	ng/ul	98
15) Phenanthrene	16.996	178	9704	0.305	ng/ul	98
16) Anthracene	17.106	178	7891	0.276	ng/ul	98
19) Fluoranthene	19.018	202	13065	0.347	ng/ul	99
20) Pyrene	19.381	202	13949	0.346	ng/ul	100
21) Benzo(a)anthracene	21.145	228	11511	0.295	ng/ul	99
22) Chrysene	21.192	228	16080	0.353	ng/ul	99
24) Benzo(b)fluoranthene	22.685	252	13196	0.346	ng/ul	95
25) Benzo(k)fluoranthene	22.729	252	16906	0.370	ng/ul#	94
26) Benzo(a)pyrene	23.258	252	13532	0.377	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.557	276	16820	0.308	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.557	278	12998	0.300	ng/ul	96
29) Benzo(g,h,i)perylene	26.231	276	13740	0.317	ng/ul	96

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

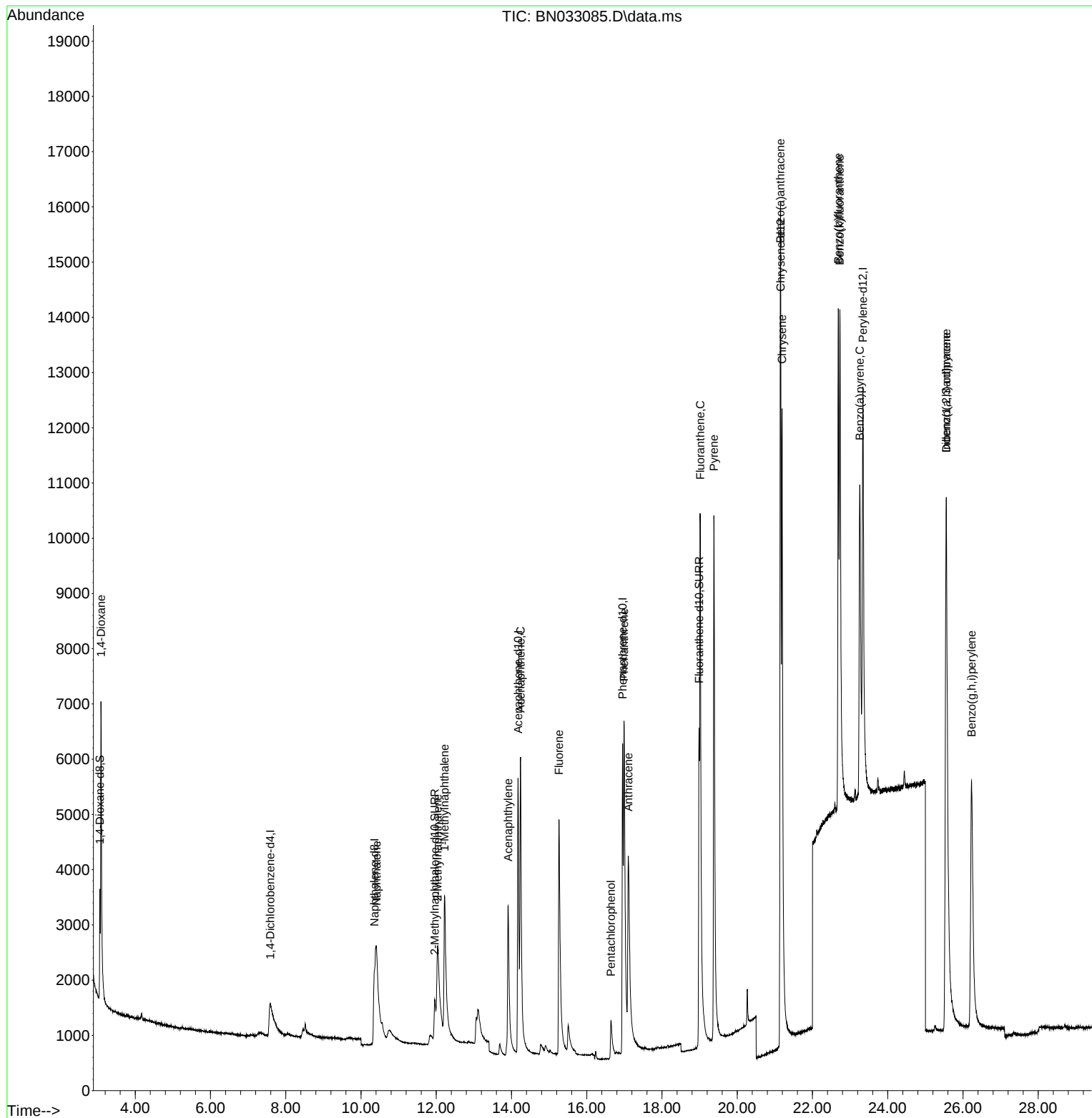
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033085.D
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ALS Vial : 18 Sample Multiplier: 1

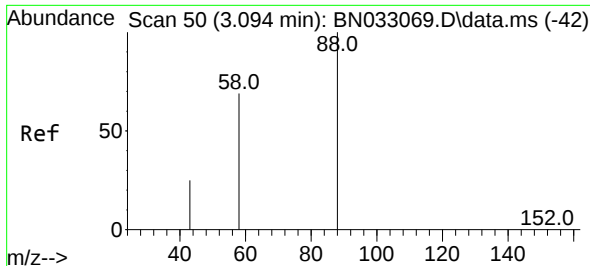
Instrument :
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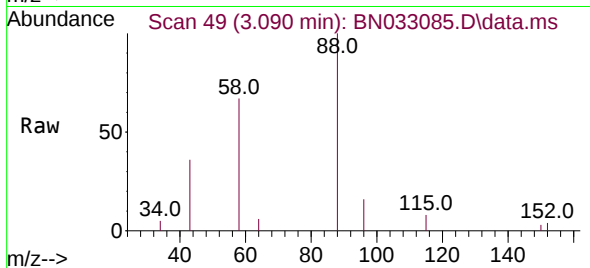
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024





#2
1,4-Dioxane
Concen: 1.739 ng/ul
RT: 3.090 min Scan# 49
Delta R.T. -0.013 min
Lab File: BN033085.D
Acq: 30 Jul 2024 01:40

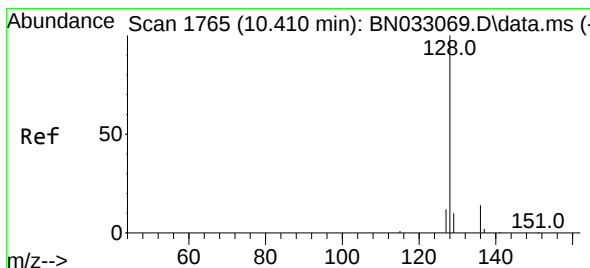
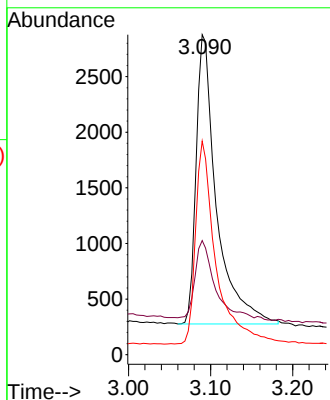
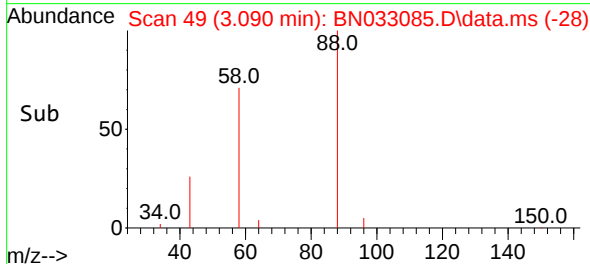
Instrument :
BNA_N
ClientSampleId :
SLCS220



Tgt Ion: 88 Resp: 4478
Ion Ratio Lower Upper
88 100
43 35.7 63.4 95.2
58 66.7 49.4 74.0

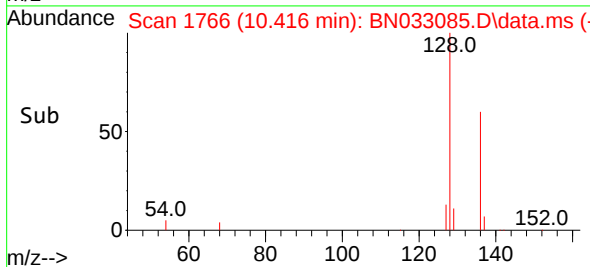
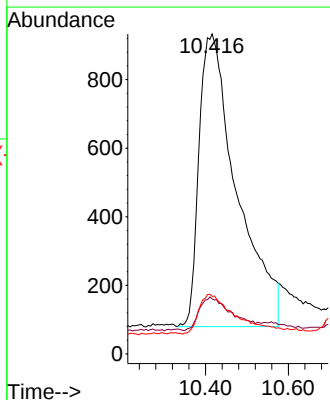
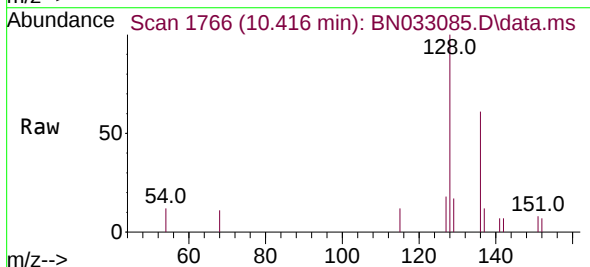
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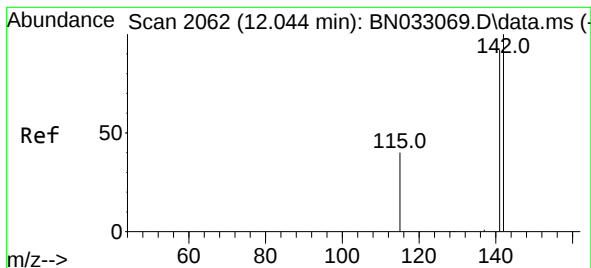
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#5
Naphthalene
Concen: 0.324 ng/ul
RT: 10.416 min Scan# 1766
Delta R.T. 0.066 min
Lab File: BN033085.D
Acq: 30 Jul 2024 01:40

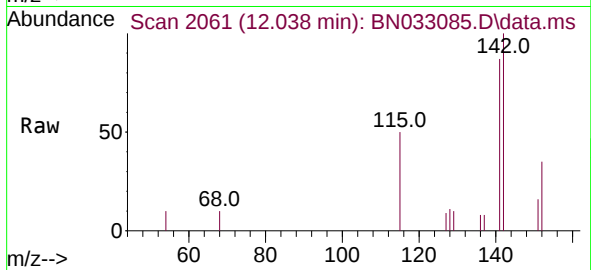
Tgt Ion:128 Resp: 5392
Ion Ratio Lower Upper
128 100
129 17.3 12.0 18.0
127 18.0 12.7 19.1





#7
2-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 12.038 min Scan# 2061
Delta R.T. 0.055 min
Lab File: BN033085.D
Acq: 30 Jul 2024 01:40

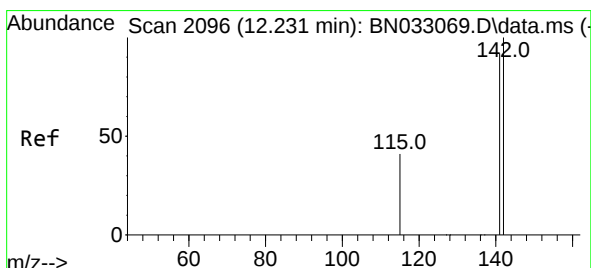
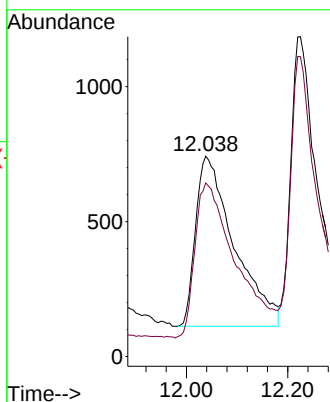
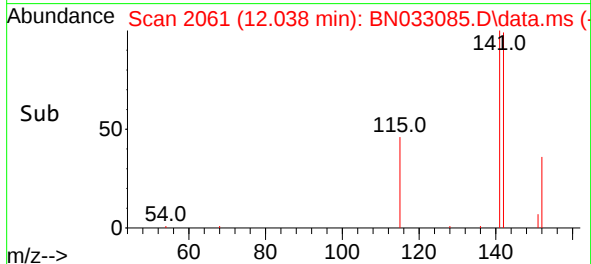
Instrument :
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ClientSampleId :
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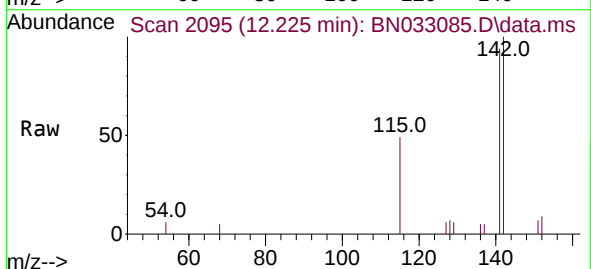
Tgt Ion:142 Resp: 333
Ion Ratio Lower Upper
142 100
141 97.7 75.2 112.8

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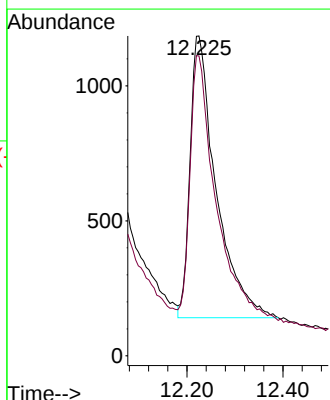
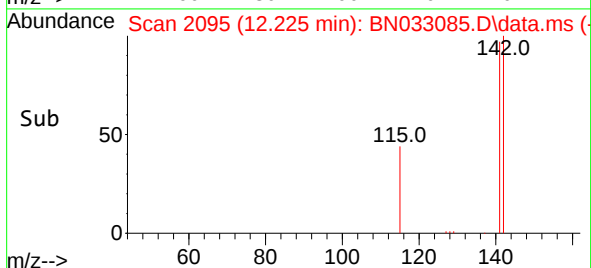
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

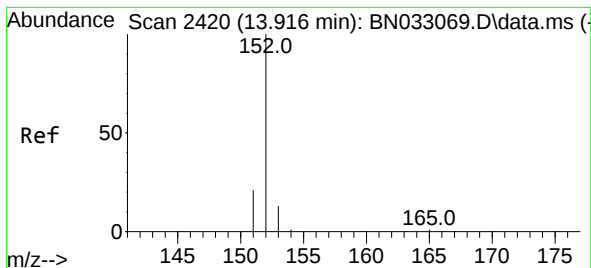


#8
1-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.225 min Scan# 2095
Delta R.T. 0.027 min
Lab File: BN033085.D
Acq: 30 Jul 2024 01:40



Tgt Ion:142 Resp: 3937
Ion Ratio Lower Upper
142 100
141 93.8 74.3 111.5





#10

Acenaphthylene

Concen: 0.296 ng/ul

RT: 13.912 min Scan# 2419

Delta R.T. 0.014 min

Lab File: BN033085.D

Acq: 30 Jul 2024 01:40

Instrument :

BNA_N

ClientSampleId :

SLCS220

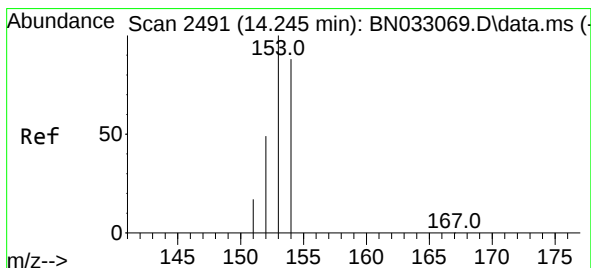
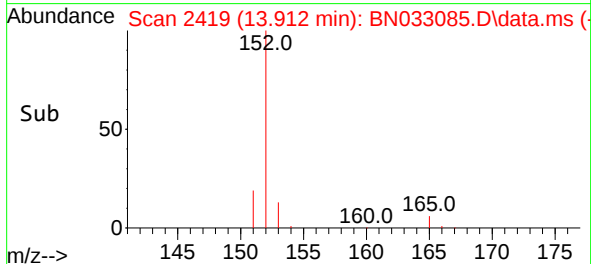
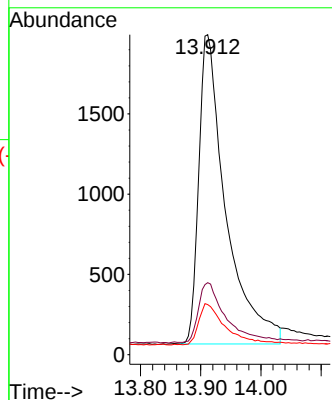
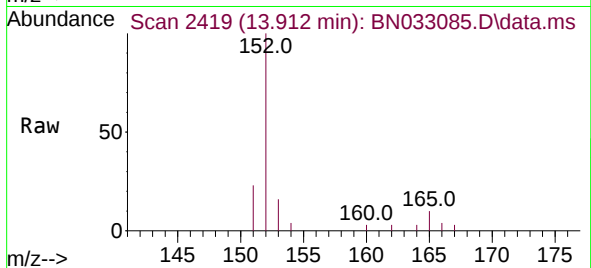
Tgt Ion:	152	Resp:	601
Ion Ratio	Lower	Upper	
152	100		
151	22.5	16.8	25.2
153	15.6	11.9	17.9

Manual Integrations

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Supervised By :mohammad ahmed 07/31/2024



#11

Acenaphthene

Concen: 0.347 ng/ul

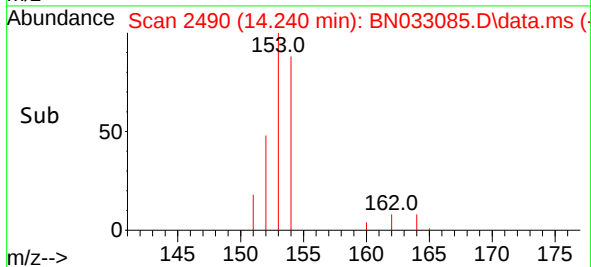
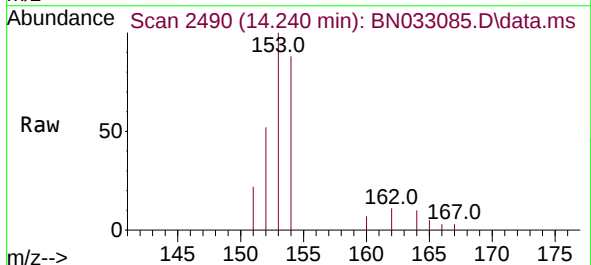
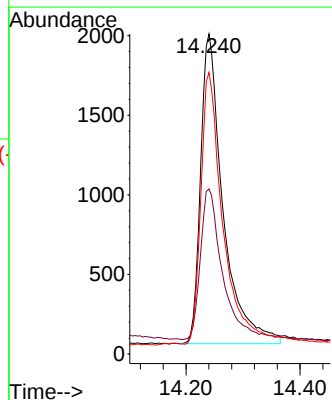
RT: 14.240 min Scan# 2490

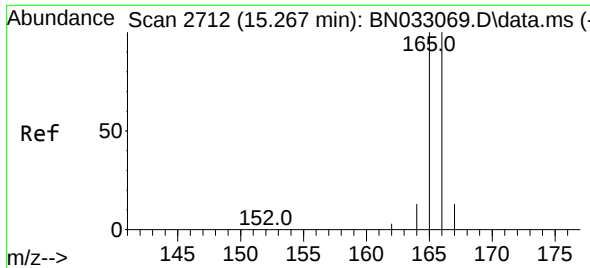
Delta R.T. 0.005 min

Lab File: BN033085.D

Acq: 30 Jul 2024 01:40

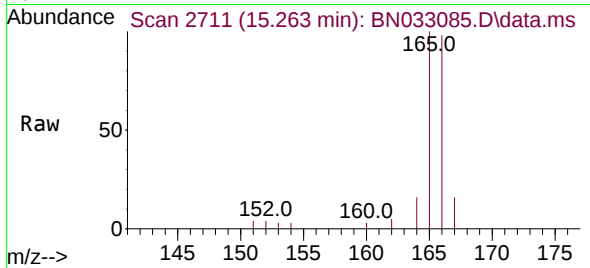
Tgt Ion:	153	Resp:	5311
Ion Ratio	Lower	Upper	
153	100		
152	51.6	40.0	60.0
154	88.0	70.1	105.1





#12
Fluorene
Concen: 0.328 ng/ul
RT: 15.263 min Scan# 2119
Delta R.T. 0.018 min
Lab File: BN033085.D
Acq: 30 Jul 2024 01:40

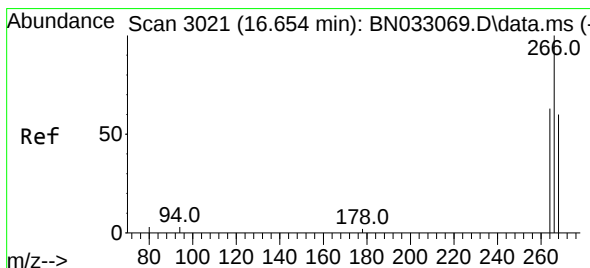
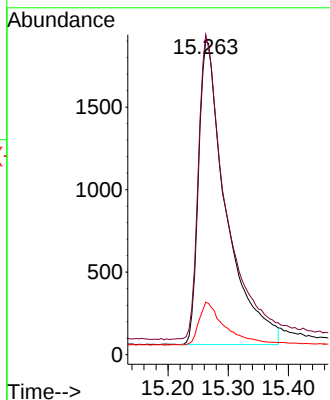
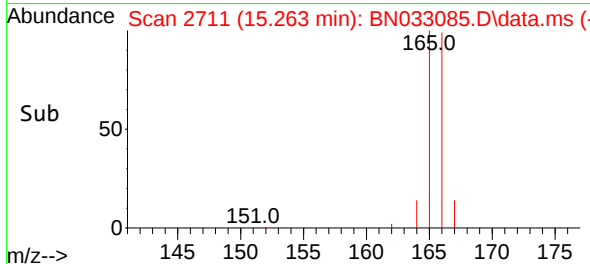
Instrument :
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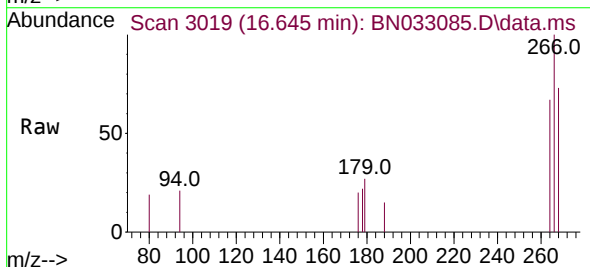
Tgt Ion:166 Resp: 5849
Ion Ratio Lower Upper
166 100
165 102.2 79.6 119.4
167 16.8 12.2 18.4

Manual Integrations
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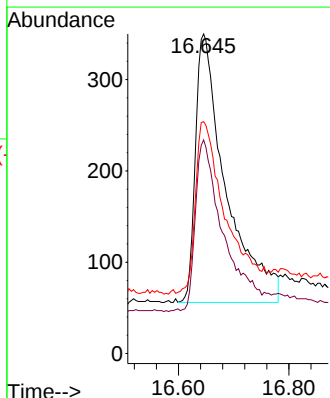
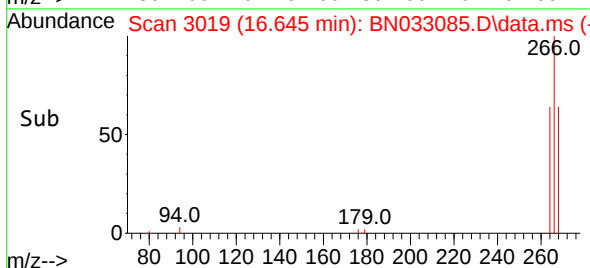
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

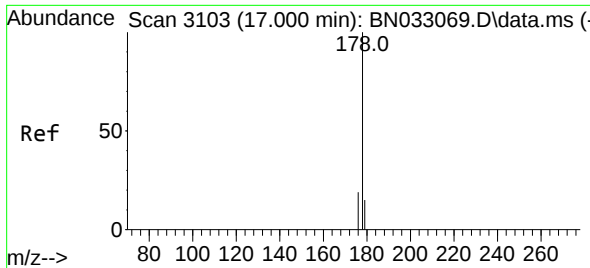


#14
Pentachlorophenol
Concen: 0.464 ng/ul
RT: 16.645 min Scan# 3019
Delta R.T. 0.008 min
Lab File: BN033085.D
Acq: 30 Jul 2024 01:40



Tgt Ion:266 Resp: 1120
Ion Ratio Lower Upper
266 100
264 61.1 49.3 73.9
268 67.0 51.8 77.8





#15

Phenanthrene

Concen: 0.305 ng/u1

RT: 16.996 min Scan# 3103

Delta R.T. 0.008 min

Lab File: BN033085.D

Acq: 30 Jul 2024 01:40

Instrument :

BNA_N

ClientSampleId :

SLCS220

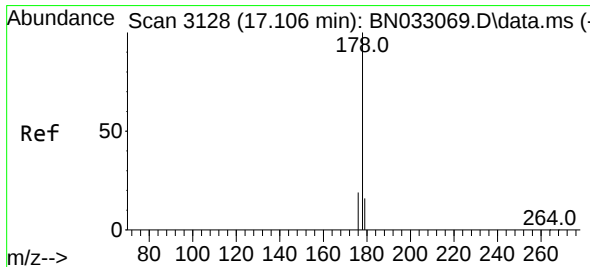
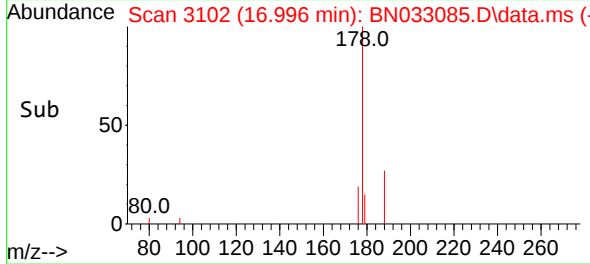
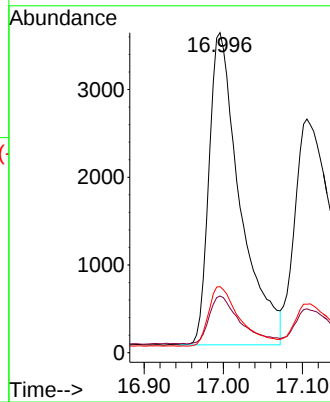
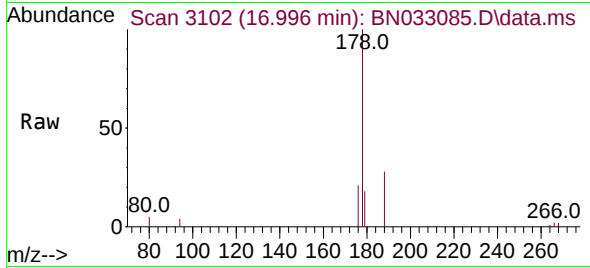
Tgt Ion:178	Resp:	9704
Ion Ratio	Lower	Upper
178	100	
179	17.7	13.7 20.5
176	20.7	15.9 23.9

Manual Integrations

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#16

Anthracene

Concen: 0.276 ng/u1

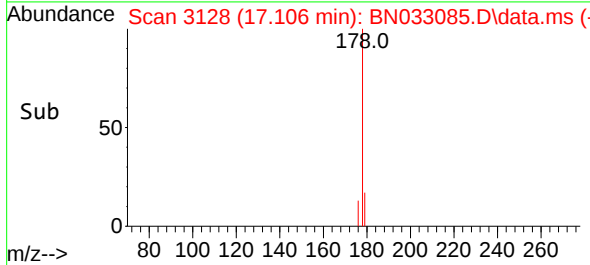
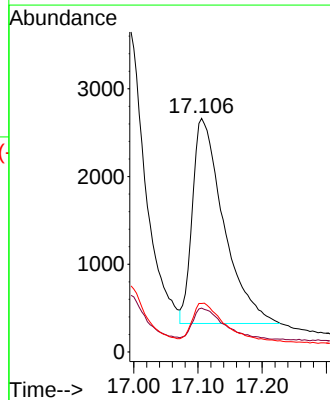
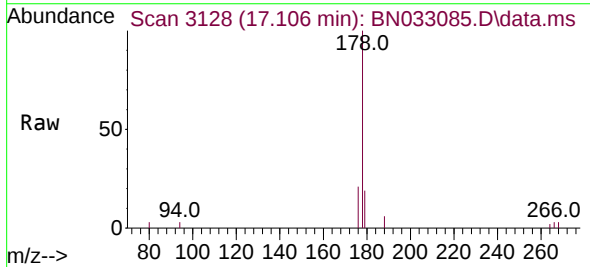
RT: 17.106 min Scan# 3128

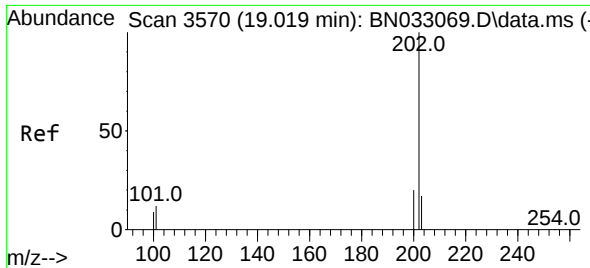
Delta R.T. 0.021 min

Lab File: BN033085.D

Acq: 30 Jul 2024 01:40

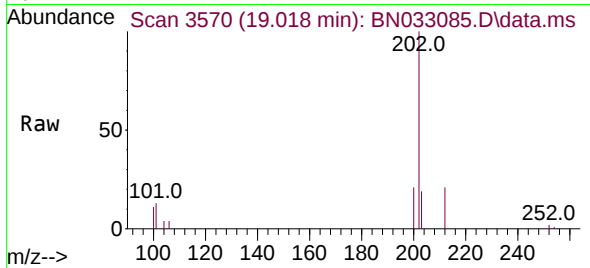
Tgt Ion:178	Resp:	7891
Ion Ratio	Lower	Upper
178	100	
179	18.8	14.3 21.5
176	20.8	15.8 23.8





#19
Fluoranthene
Concen: 0.347 ng/ul
RT: 19.018 min Scan# 3570
Delta R.T. 0.005 min
Lab File: BN033085.D
Acq: 30 Jul 2024 01:40

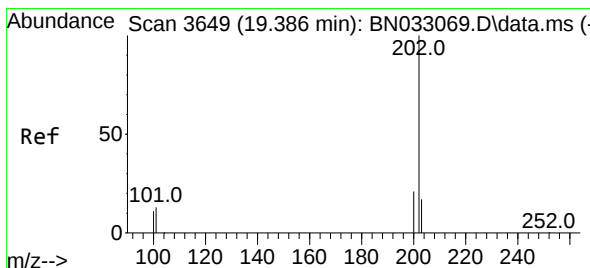
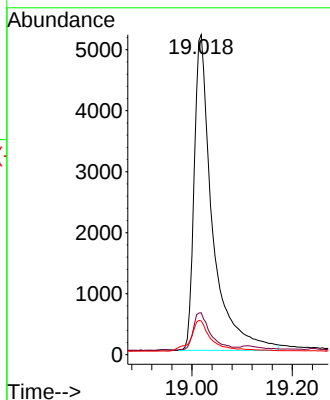
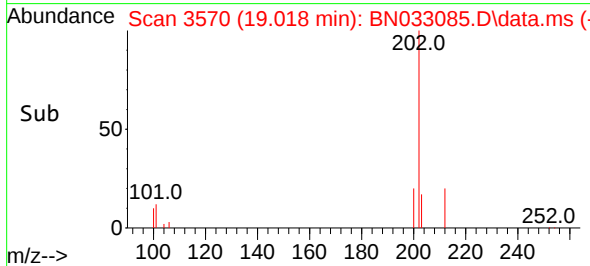
Instrument :
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SLCS220



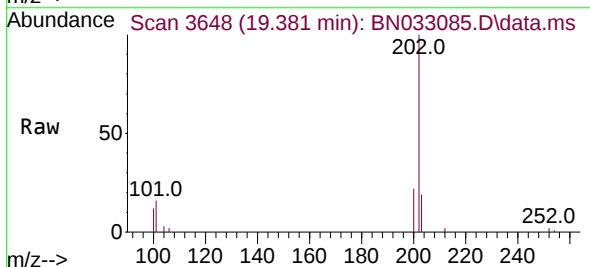
Tgt Ion:202 Resp: 13065
Ion Ratio Lower Upper
202 100
101 13.1 10.7 16.1
100 10.6 8.3 12.5

Manual Integrations
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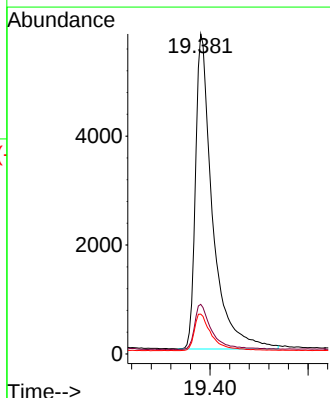
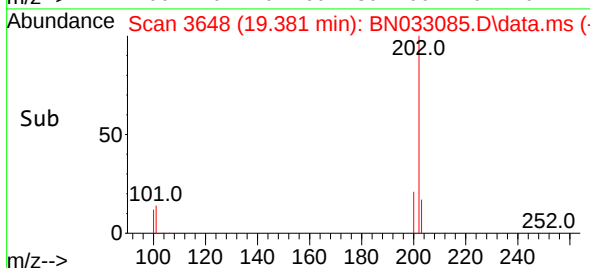
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

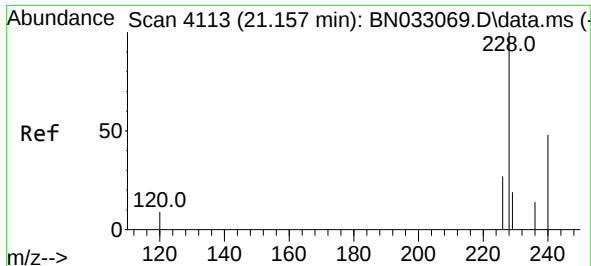


#20
Pyrene
Concen: 0.346 ng/ul
RT: 19.381 min Scan# 3648
Delta R.T. 0.000 min
Lab File: BN033085.D
Acq: 30 Jul 2024 01:40



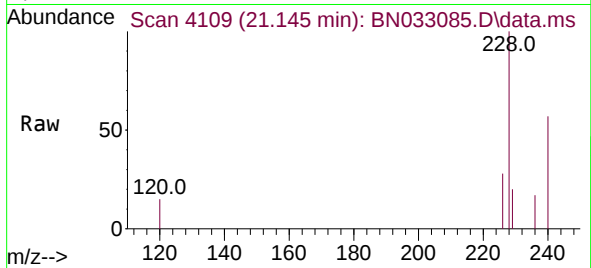
Tgt Ion:202 Resp: 13949
Ion Ratio Lower Upper
202 100
101 15.5 12.6 18.8
100 12.5 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.295 ng/u1
RT: 21.145 min Scan# 4113
Delta R.T. 0.000 min
Lab File: BN033085.D
Acq: 30 Jul 2024 01:40

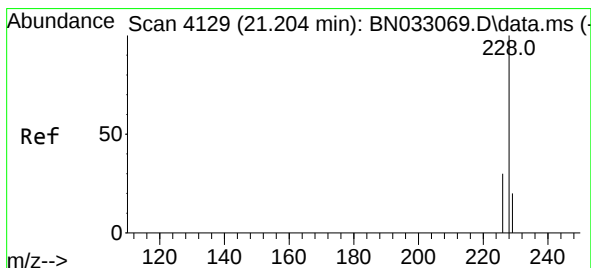
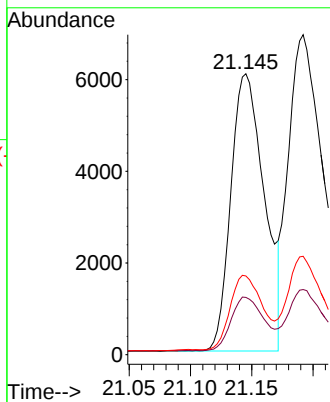
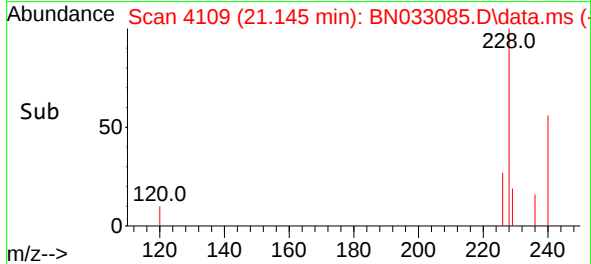
Instrument :
BNA_N
ClientSampleId :
SLCS220



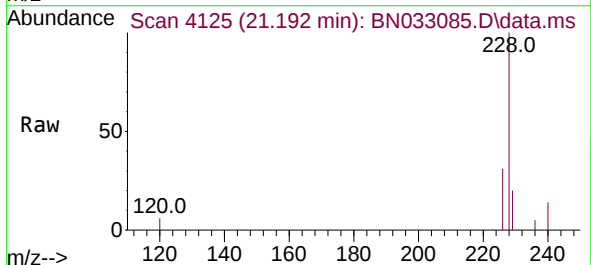
Tgt Ion:228 Resp: 1151
Ion Ratio Lower Upper
228 100
229 20.4 17.1 25.7
226 28.0 22.4 33.6

Manual Integrations
APPROVED

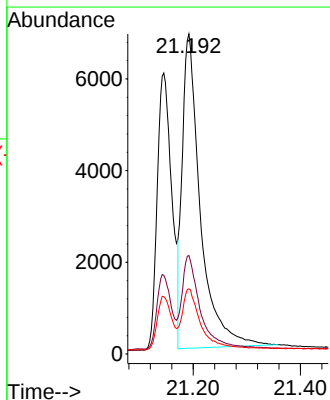
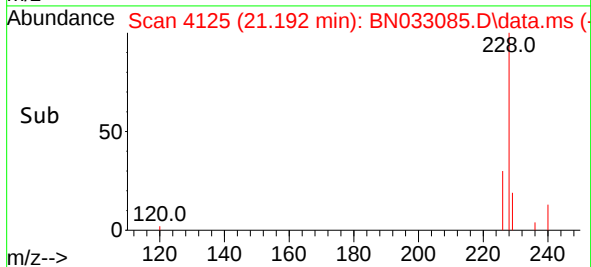
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

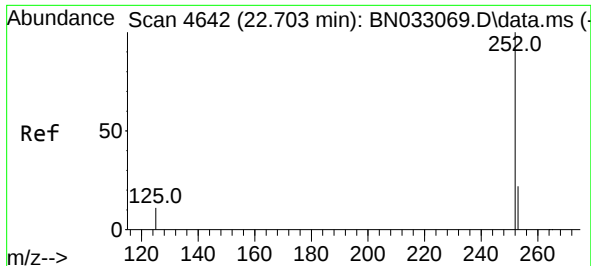


#22
Chrysene
Concen: 0.353 ng/u1
RT: 21.192 min Scan# 4125
Delta R.T. -0.003 min
Lab File: BN033085.D
Acq: 30 Jul 2024 01:40



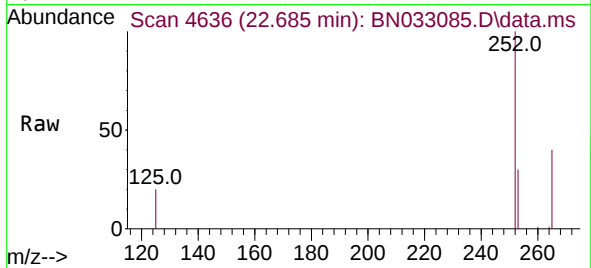
Tgt Ion:228 Resp: 16080
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 20.3 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 0.346 ng/ul
RT: 22.685 min Scan# 4636
Delta R.T. -0.009 min
Lab File: BN033085.D
Acq: 30 Jul 2024 01:40

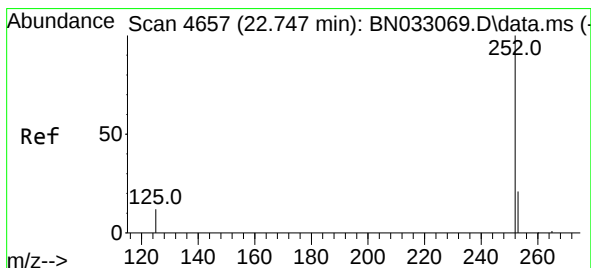
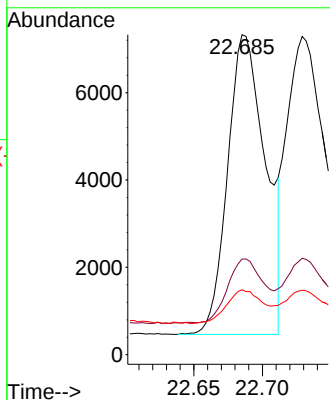
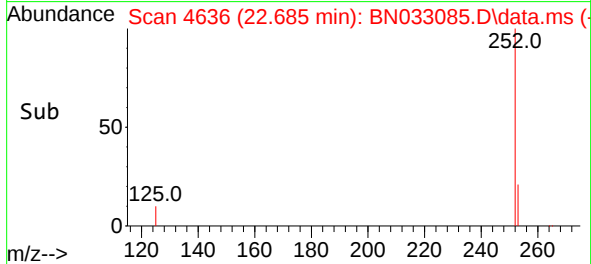
Instrument :
BNA_N
ClientSampleId :
SLCS220



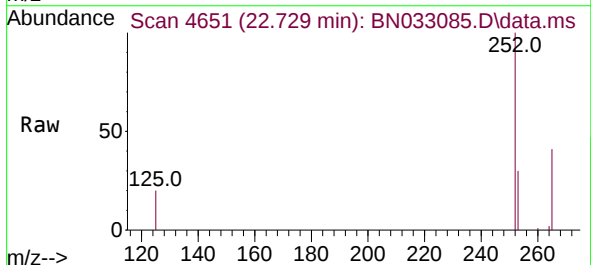
Tgt Ion:252 Resp: 13190
Ion Ratio Lower Upper
252 100
253 29.9 0.0 60.6
125 20.3 0.0 51.0

Manual Integrations
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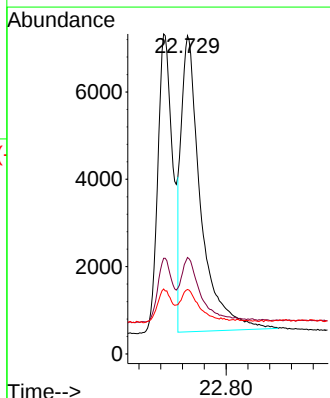
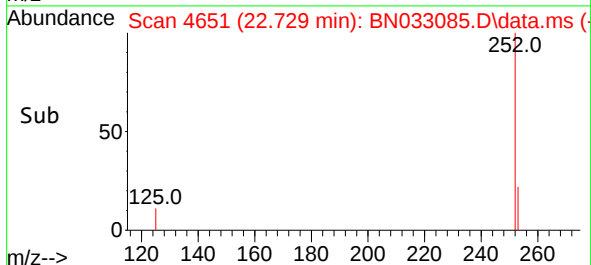
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

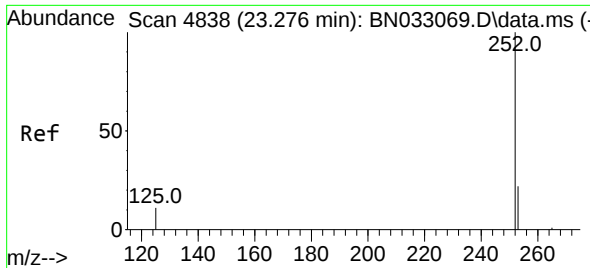


#25
Benzo(k)fluoranthene
Concen: 0.370 ng/ul
RT: 22.729 min Scan# 4651
Delta R.T. -0.006 min
Lab File: BN033085.D
Acq: 30 Jul 2024 01:40



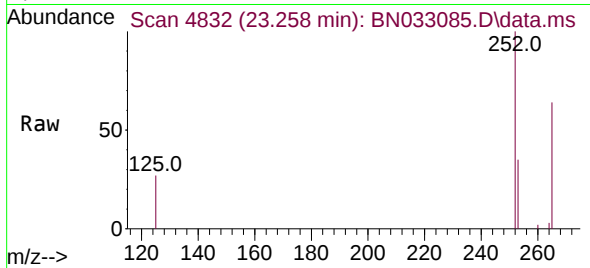
Tgt Ion:252 Resp: 16906
Ion Ratio Lower Upper
252 100
253 30.3 24.9 37.3
125 20.3 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 0.377 ng/ul
RT: 23.258 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN033085.D
Acq: 30 Jul 2024 01:40

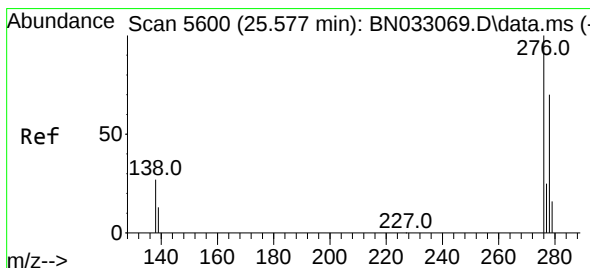
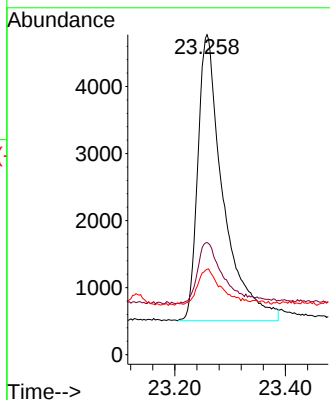
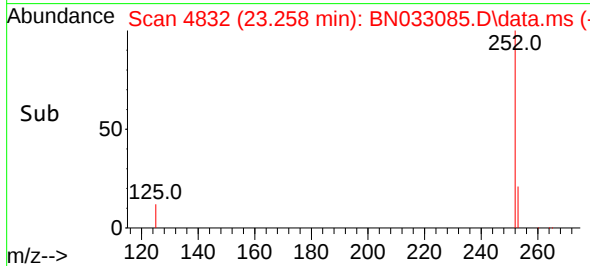
Instrument :
BNA_N
ClientSampleId :
SLCS220



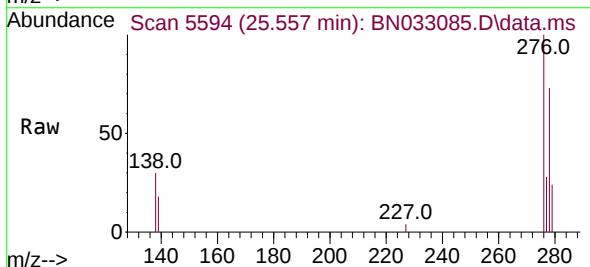
Tgt Ion:252 Resp: 1353
Ion Ratio Lower Upper
252 100
253 35.1 27.5 41.3
125 26.7 27.0 40.6

Manual Integrations
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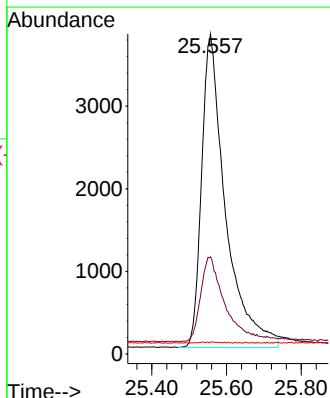
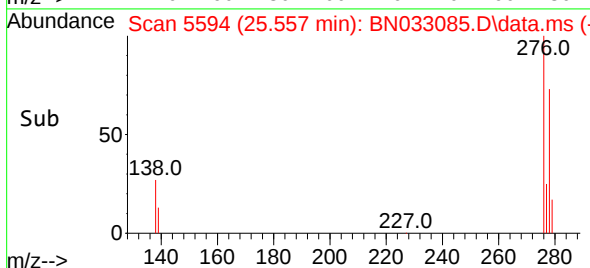
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

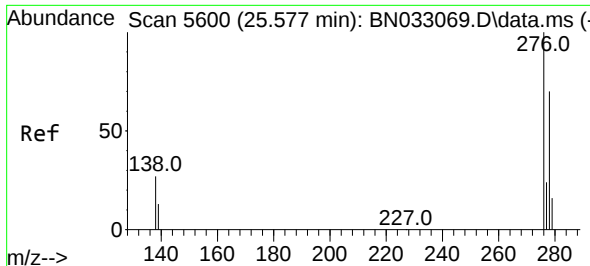


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.308 ng/ul
RT: 25.557 min Scan# 5594
Delta R.T. -0.003 min
Lab File: BN033085.D
Acq: 30 Jul 2024 01:40



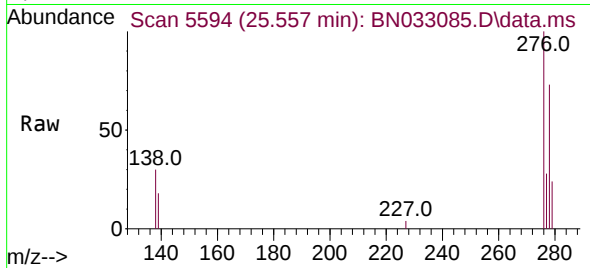
Tgt Ion:276 Resp: 16820
Ion Ratio Lower Upper
276 100
138 27.8 21.8 32.8
227 0.1 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.300 ng/ul
RT: 25.557 min Scan# 51
Delta R.T. -0.003 min
Lab File: BN033085.D
Acq: 30 Jul 2024 01:40

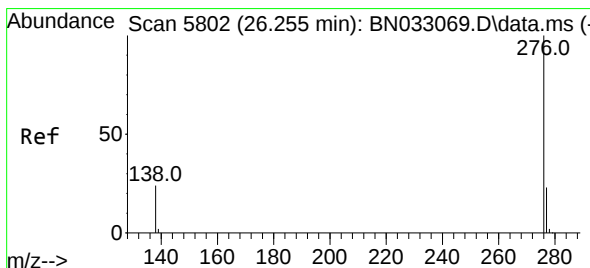
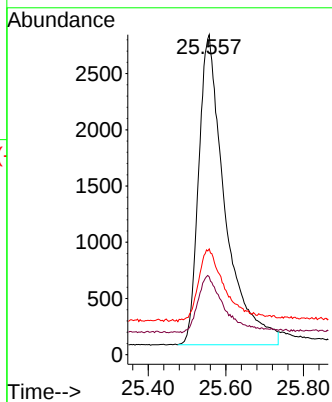
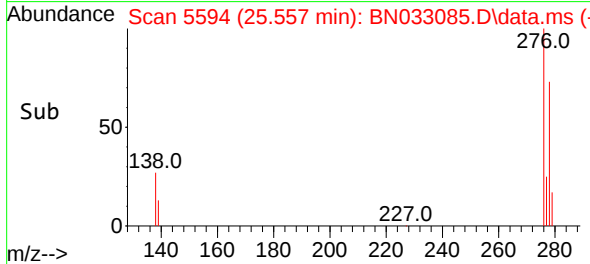
Instrument :
BNA_N
ClientSampleId :
SLCS220



Tgt Ion:278 Resp: 12998
Ion Ratio Lower Upper
278 100
139 24.3 22.5 33.7
279 33.1 25.5 38.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#29
Benzo(g,h,i)perylene
Concen: 0.317 ng/ul
RT: 26.231 min Scan# 5795
Delta R.T. -0.010 min
Lab File: BN033085.D
Acq: 30 Jul 2024 01:40

Tgt Ion:276 Resp: 13740
Ion Ratio Lower Upper
276 100
138 28.0 24.6 37.0
277 27.1 22.6 34.0

