

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
 Data File : BN030159.D
 Acq On : 29 Feb 2024 09:27
 Operator : MA/JU
 Sample : PB159149BS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS149

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024

Quant Time: Feb 29 10:11:03 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Feb 27 23:49:29 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	2889	0.400	ng/ul	0.04
4) Naphthalene-d8	10.694	136	9087	0.400	ng/ul	0.04
9) Acenaphthene-d10	14.534	164	4576	0.400	ng/ul	0.04
13) Phenanthrene-d10	17.293	188	8319m	0.400	ng/ul	0.03
17) Chrysene-d12	21.489	240	5312	0.400	ng/ul	0.02
23) Perylene-d12	23.874	264	4634m	0.400	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	2939	0.816	ng/ul	0.02
6) 2-Methylnaphthalene-d10	12.289	152	4952	0.428	ng/ul	0.04
18) Fluoranthene-d10	19.323	212	8286	0.475	ng/ul	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.365	88	9134	2.329	ng/ul#	89
5) Naphthalene	10.744	128	10573	0.413	ng/ul	100
7) 2-Methylnaphthalene	12.360	142	6217	0.424	ng/ul	99
8) 1-Methylnaphthalene	12.580	142	6270	0.420	ng/ul	99
10) Acenaphthylene	14.257	152	9092	0.407	ng/ul	97
11) Acenaphthene	14.599	153	7093	0.418	ng/ul	99
12) Fluorene	15.594	166	7195	0.405	ng/ul	99
14) Pentachlorophenol	16.943	266	1778	0.958	ng/ul#	49
15) Phenanthrene	17.335	178	10250	0.394	ng/ul	98
16) Anthracene	17.432	178	8893	0.407	ng/ul	99
19) Fluoranthene	19.350	202	11408	0.468	ng/ul	96
20) Pyrene	19.713	202	11995	0.480	ng/ul	95
21) Benzo(a)anthracene	21.474	228	7647	0.399	ng/ul	99
22) Chrysene	21.524	228	8980	0.428	ng/ul	99
24) Benzo(b)fluoranthene	23.149	252	7797	0.447	ng/ul	95
25) Benzo(k)fluoranthene	23.199	252	9436	0.488	ng/ul	96
26) Benzo(a)pyrene	23.772	252	7508	0.458	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.377	276	7897	0.397	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.418	278	5947	0.381	ng/ul#	84
29) Benzo(g,h,i)perylene	27.119	276	7378	0.408	ng/ul	95

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

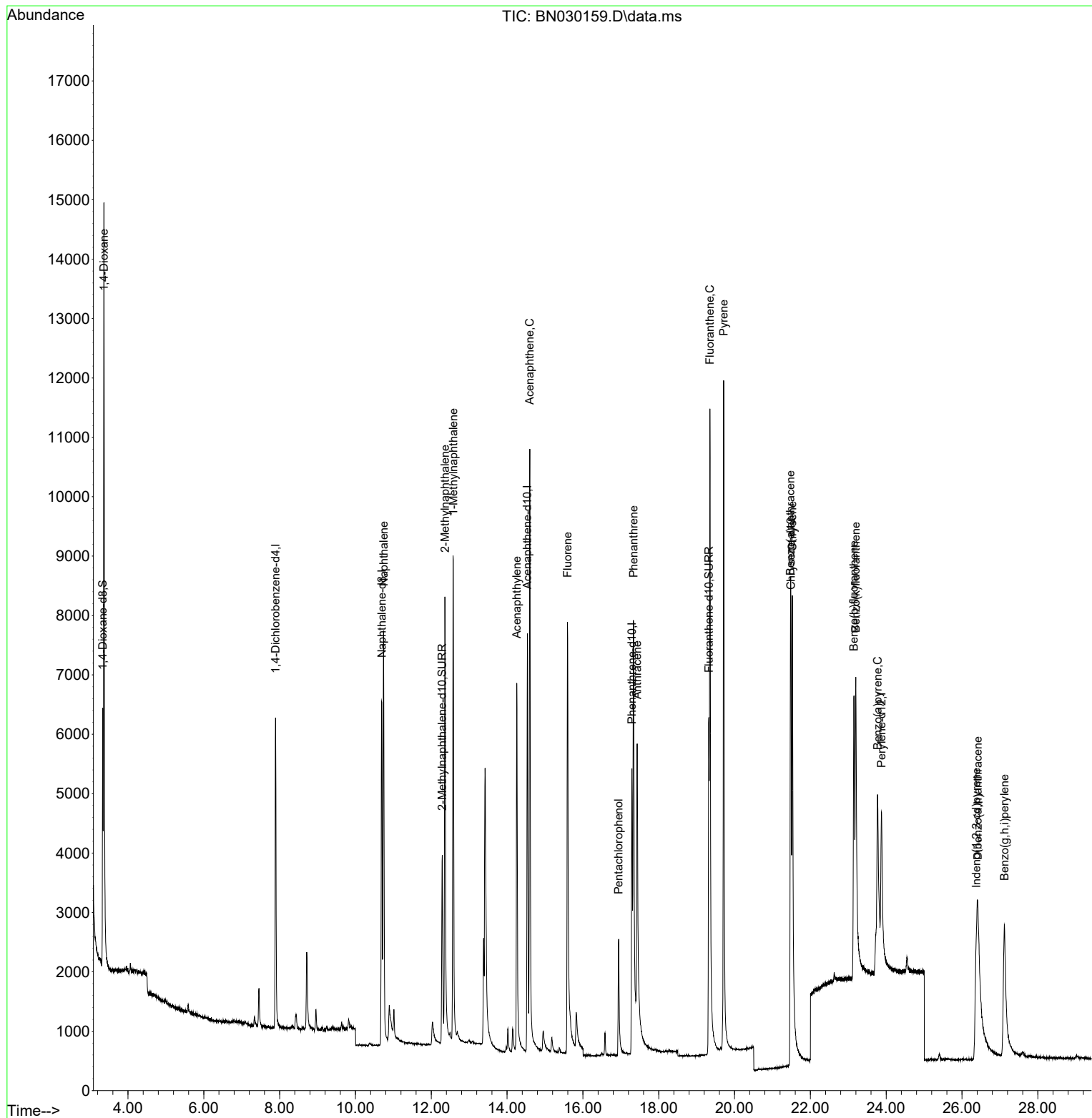
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
Data File : BN030159.D
Acq On : 29 Feb 2024 09:27
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ALS Vial : 66 Sample Multiplier: 1

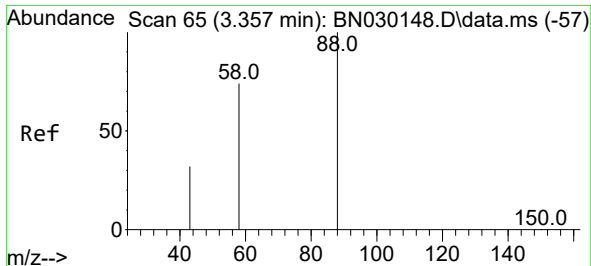
Instrument :
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Supervised By :mohammad ahmed 03/01/2024

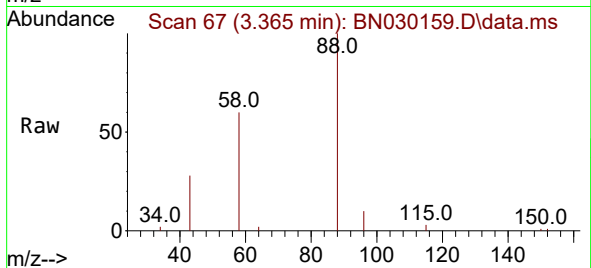
Quant Time: Feb 29 10:11:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 23:49:29 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.329 ng/ul
RT: 3.365 min Scan# 61
Delta R.T. 0.013 min
Lab File: BN030159.D
Acq: 29 Feb 2024 09:27

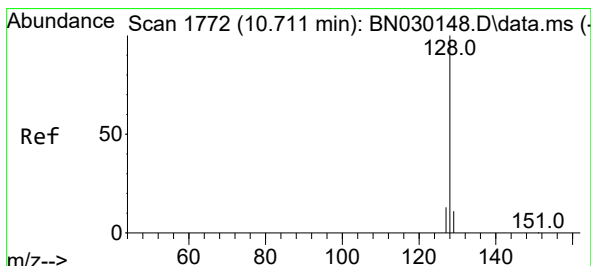
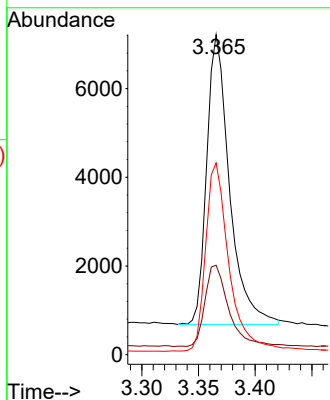
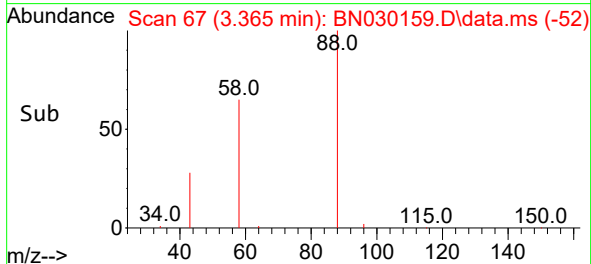
Instrument :
BNA_N
ClientSampleId :
SLCS149



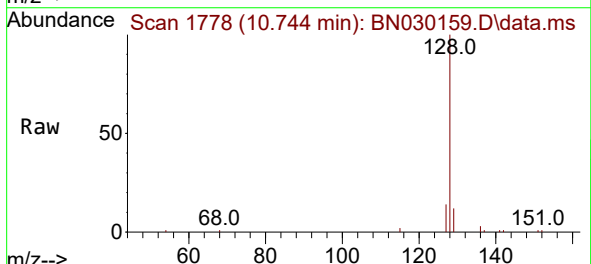
Tgt Ion: 88 Resp: 9134
Ion Ratio Lower Upper
88 100
43 28.0 21.8 32.6
58 59.9 39.3 58.9

Manual Integrations
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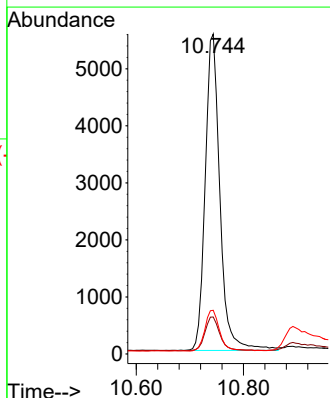
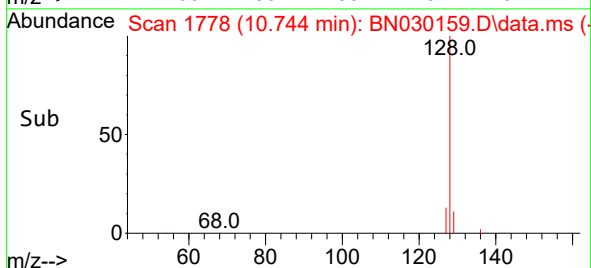
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

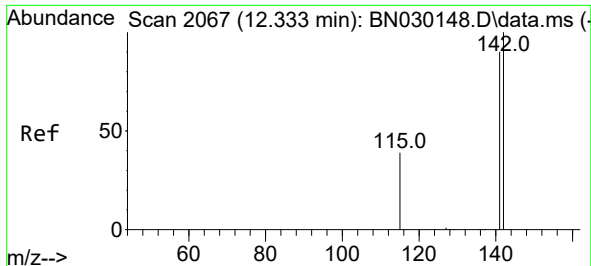


#5
Naphthalene
Concen: 0.413 ng/ul
RT: 10.744 min Scan# 1778
Delta R.T. 0.044 min
Lab File: BN030159.D
Acq: 29 Feb 2024 09:27



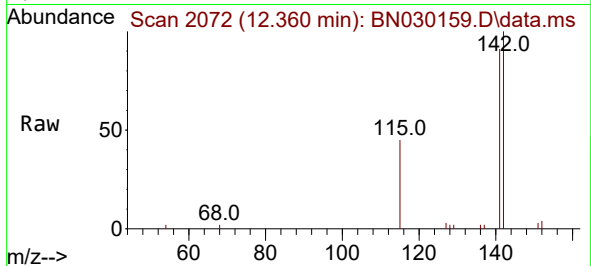
Tgt Ion:128 Resp: 10573
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.6 11.0 16.6





#7
2-Methylnaphthalene
Concen: 0.424 ng/ul
RT: 12.360 min Scan# 2067
Delta R.T. 0.044 min
Lab File: BN030159.D
Acq: 29 Feb 2024 09:27

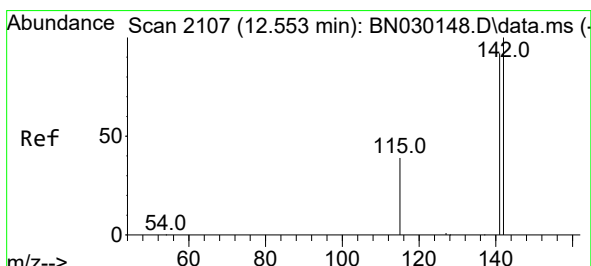
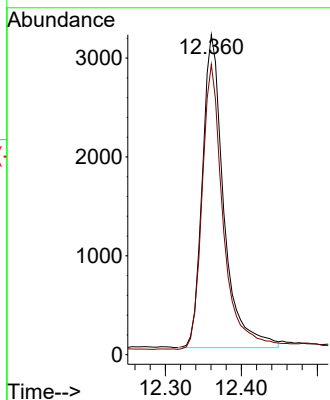
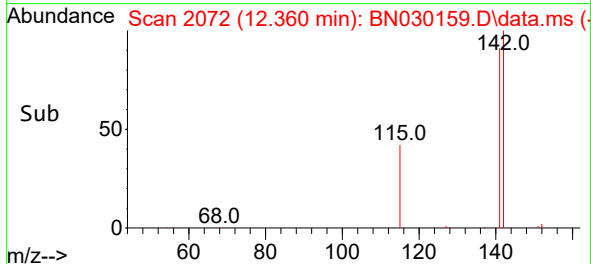
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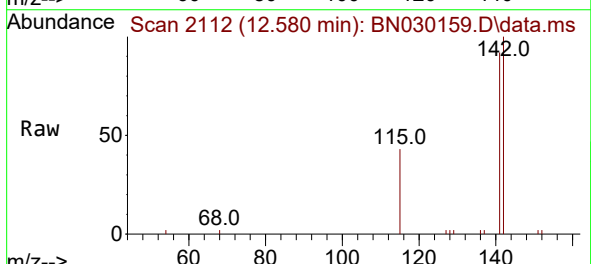
Tgt Ion:142 Resp: 6217
Ion Ratio Lower Upper
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141 90.3 71.5 107.3

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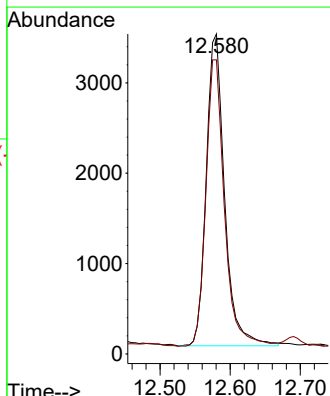
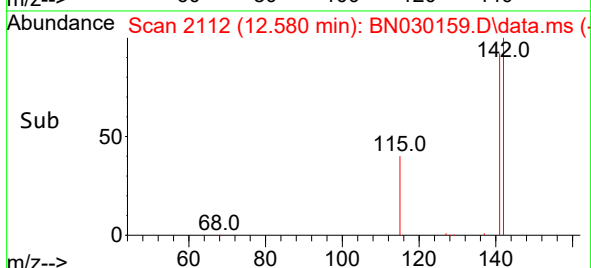
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

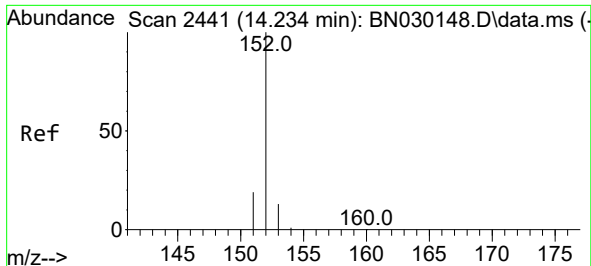


#8
1-Methylnaphthalene
Concen: 0.420 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. 0.044 min
Lab File: BN030159.D
Acq: 29 Feb 2024 09:27



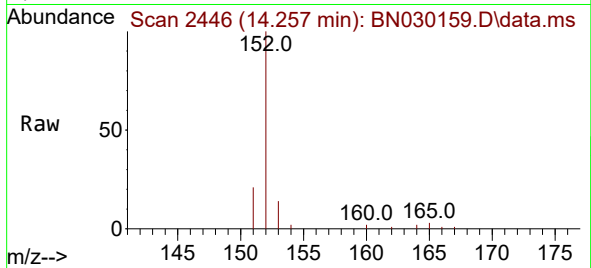
Tgt Ion:142 Resp: 6270
Ion Ratio Lower Upper
142 100
141 93.1 73.9 110.9





#10
Acenaphthylene
Concen: 0.407 ng/ul
RT: 14.257 min Scan# 2441
Delta R.T. 0.037 min
Lab File: BN030159.D
Acq: 29 Feb 2024 09:27

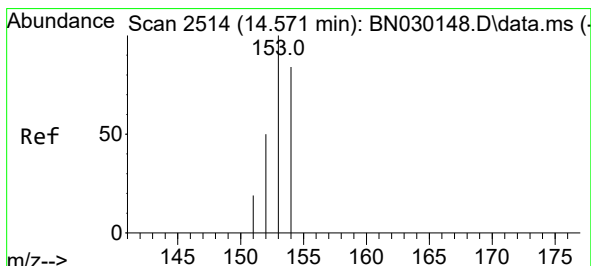
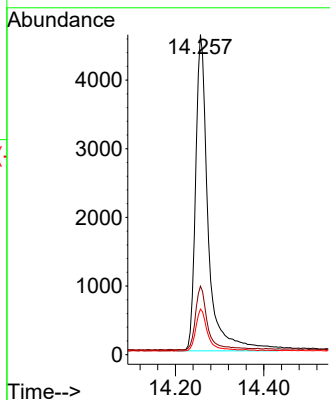
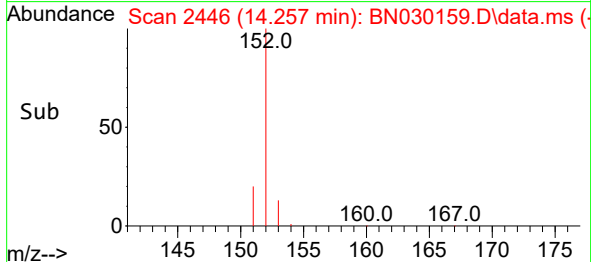
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 9092
Ion Ratio Lower Upper
152 100
151 21.4 15.8 23.8
153 14.3 10.9 16.3

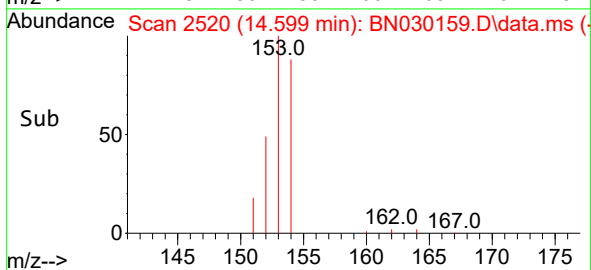
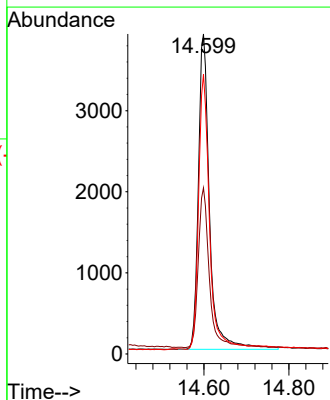
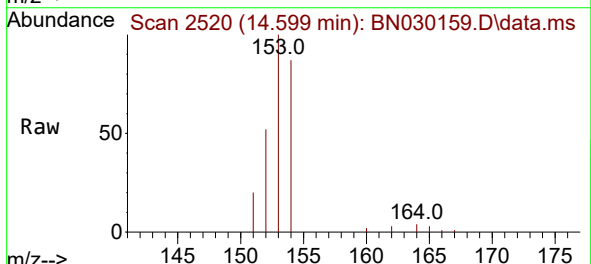
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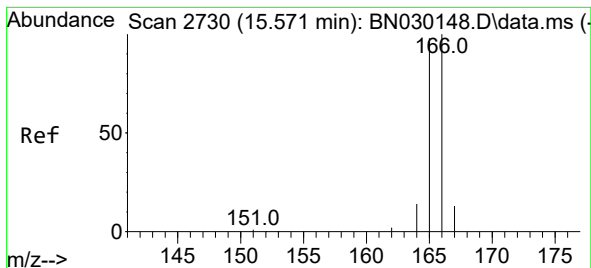
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#11
Acenaphthene
Concen: 0.418 ng/ul
RT: 14.599 min Scan# 2520
Delta R.T. 0.037 min
Lab File: BN030159.D
Acq: 29 Feb 2024 09:27

Tgt Ion:153 Resp: 7093
Ion Ratio Lower Upper
153 100
152 51.9 41.5 62.3
154 87.4 70.9 106.3





#12

Fluorene

Concen: 0.405 ng/ul

RT: 15.594 min Scan# 21

Delta R.T. 0.033 min

Lab File: BN030159.D

Acq: 29 Feb 2024 09:27

Instrument :

BNA_N

ClientSampleId :

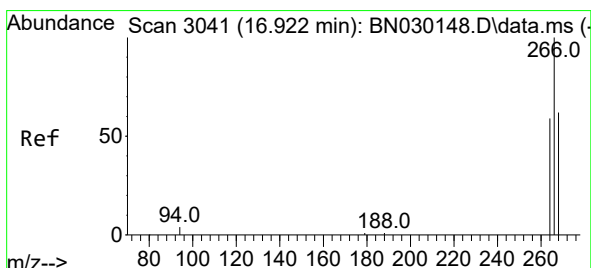
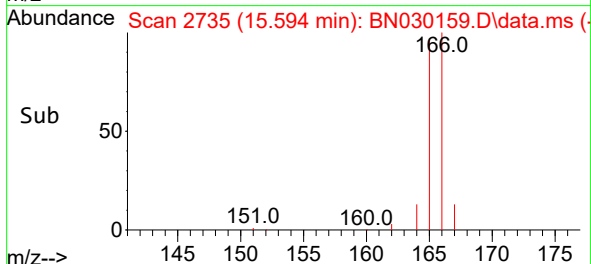
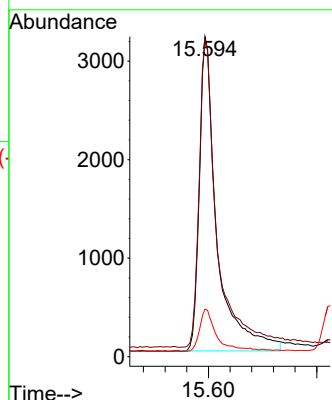
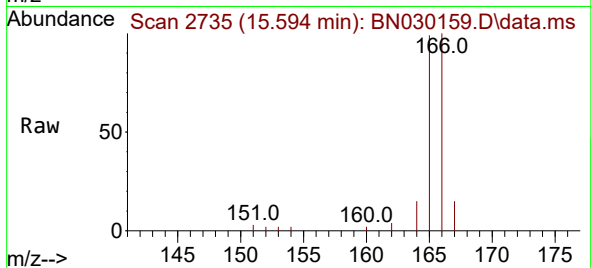
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Tgt Ion:166	Resp:	719
Ion Ratio	Lower	Upper
166	100	
165	98.7	78.6 117.8
167	14.9	11.5 17.3

Manual Integrations

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Supervised By :mohammad ahmed 03/01/2024



#14

Pentachlorophenol

Concen: 0.958 ng/ul

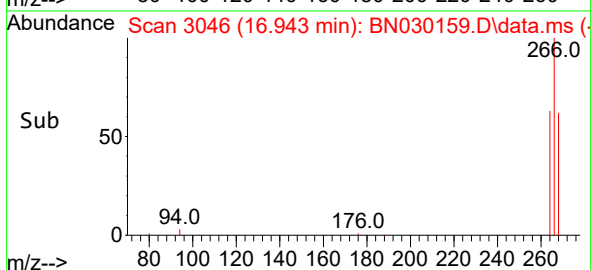
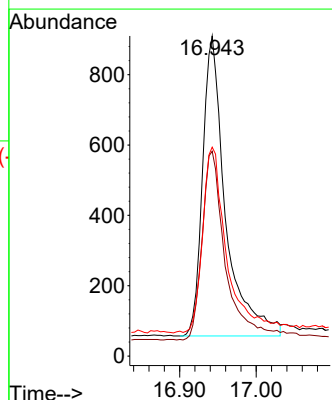
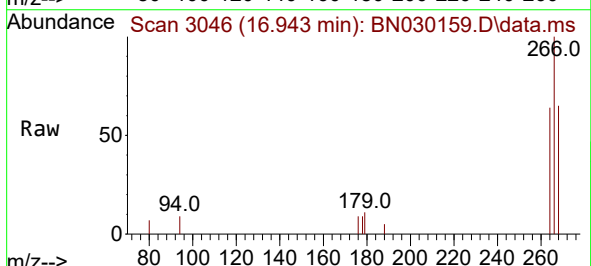
RT: 16.943 min Scan# 3046

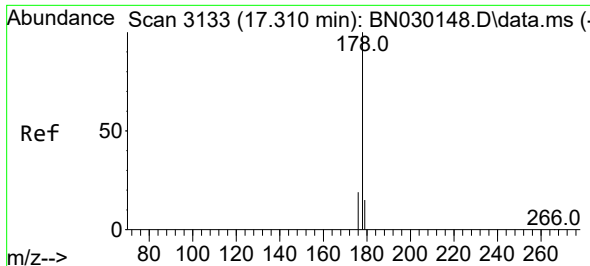
Delta R.T. 0.026 min

Lab File: BN030159.D

Acq: 29 Feb 2024 09:27

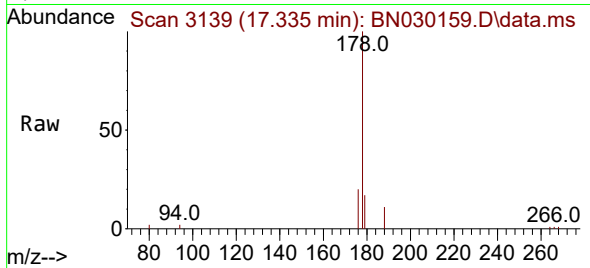
Tgt Ion:266	Resp:	1778
Ion Ratio	Lower	Upper
266	100	
264	64.1	0.0 0.0#
268	65.5	0.2 0.2#





#15
Phenanthrene
Concen: 0.394 ng/u1
RT: 17.335 min Scan# 3139
Delta R.T. 0.034 min
Lab File: BN030159.D
Acq: 29 Feb 2024 09:27

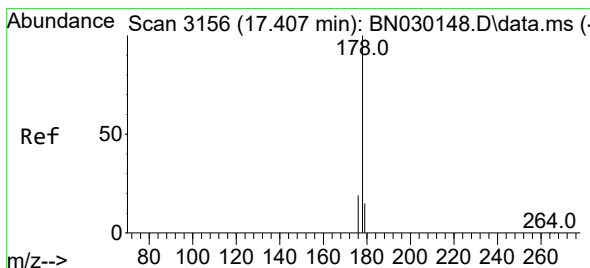
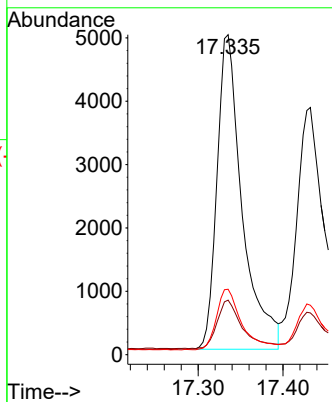
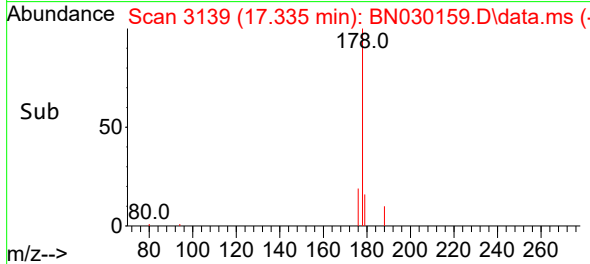
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:178 Resp: 10250
Ion Ratio Lower Upper
178 100
179 17.1 12.6 18.8
176 20.4 15.7 23.5

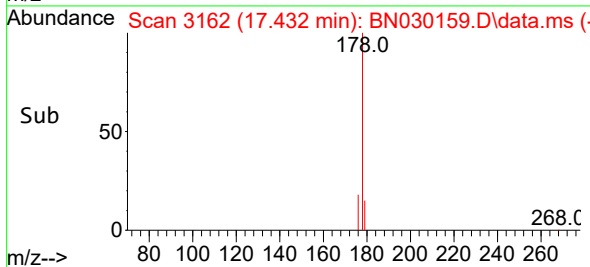
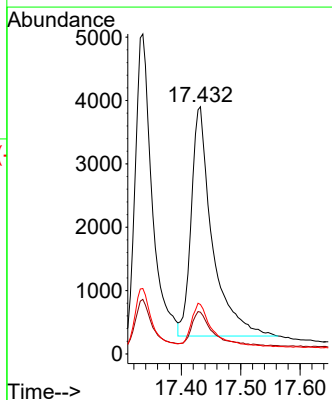
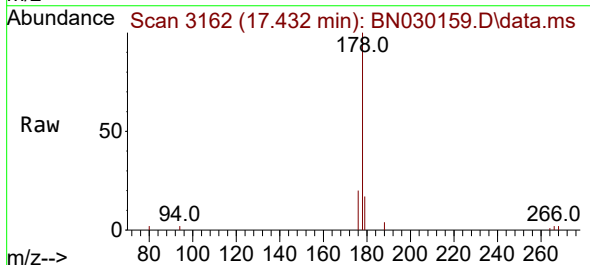
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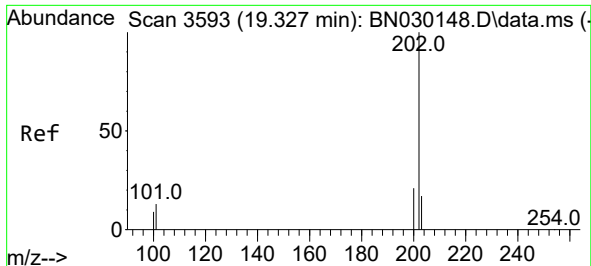
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#16
Anthracene
Concen: 0.407 ng/u1
RT: 17.432 min Scan# 3162
Delta R.T. 0.034 min
Lab File: BN030159.D
Acq: 29 Feb 2024 09:27

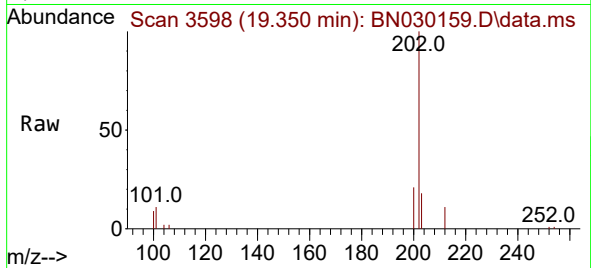
Tgt Ion:178 Resp: 8893
Ion Ratio Lower Upper
178 100
179 16.9 12.9 19.3
176 20.0 15.8 23.8





#19
Fluoranthene
Concen: 0.468 ng/ul
RT: 19.350 min Scan# 3598
Delta R.T. 0.028 min
Lab File: BN030159.D
Acq: 29 Feb 2024 09:27

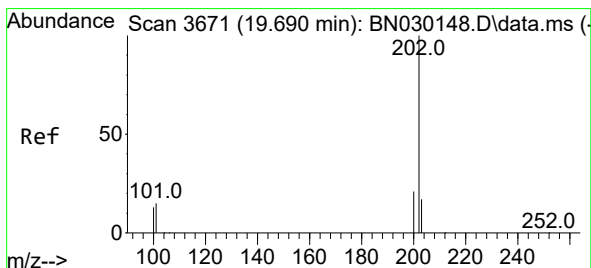
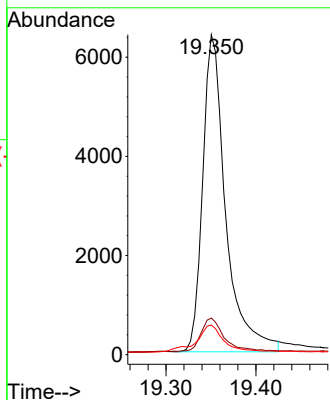
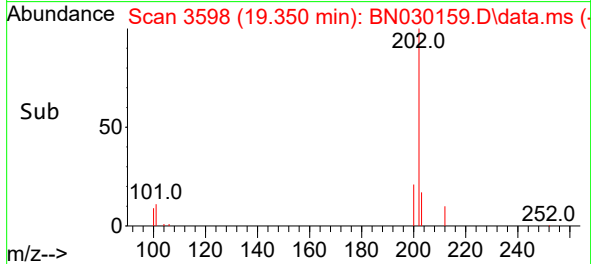
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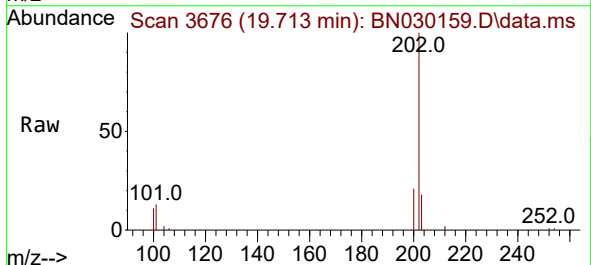
Tgt Ion:202 Resp: 11408
Ion Ratio Lower Upper
202 100
101 11.5 10.4 15.6
100 9.3 8.5 12.7

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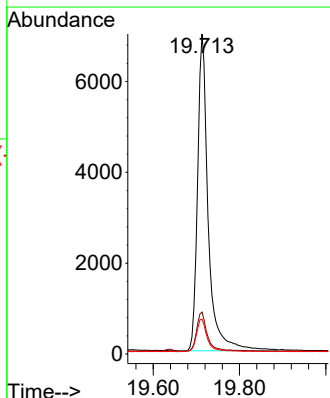
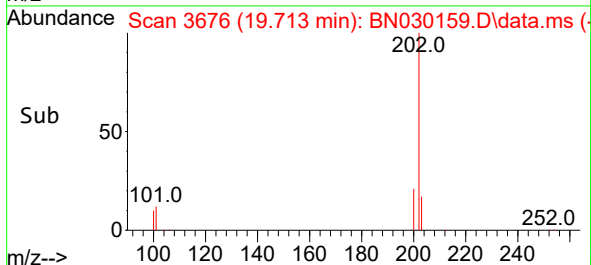
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

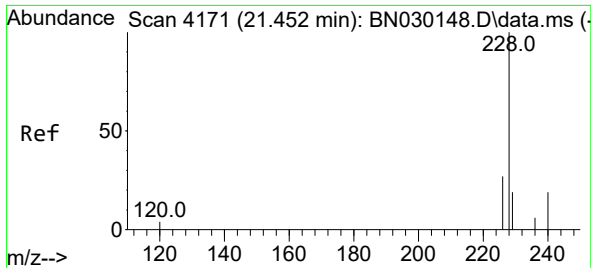


#20
Pyrene
Concen: 0.480 ng/ul
RT: 19.713 min Scan# 3676
Delta R.T. 0.028 min
Lab File: BN030159.D
Acq: 29 Feb 2024 09:27



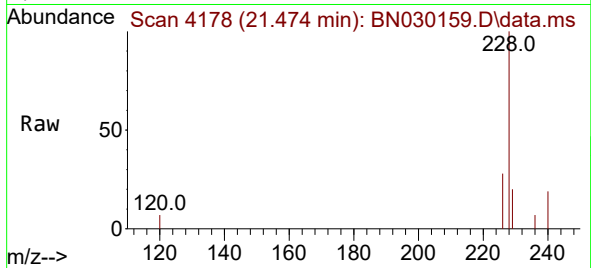
Tgt Ion:202 Resp: 11995
Ion Ratio Lower Upper
202 100
101 13.1 12.5 18.7
100 10.9 10.0 15.0





#21
Benzo(a)anthracene
Concen: 0.399 ng/ul
RT: 21.474 min Scan# 4171
Delta R.T. 0.024 min
Lab File: BN030159.D
Acq: 29 Feb 2024 09:27

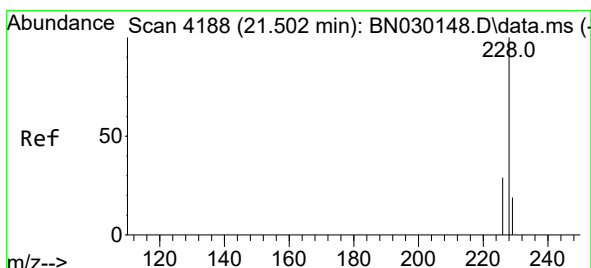
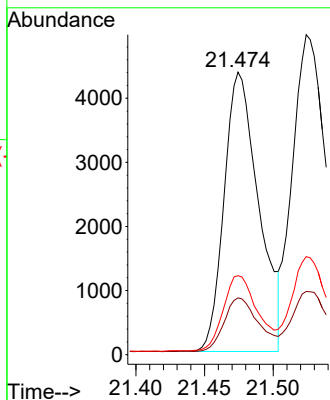
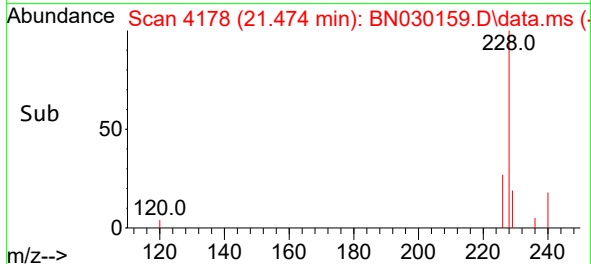
Instrument :
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ClientSampleId :
SLCS149



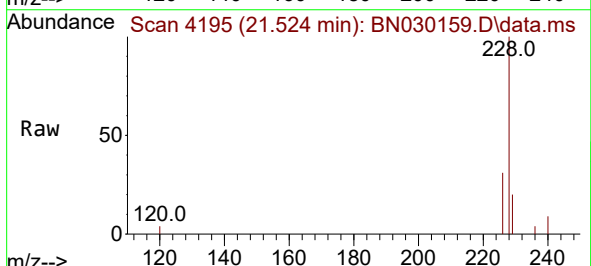
Tgt Ion:228 Resp: 764
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 28.0 22.2 33.4

Manual Integrations
APPROVED

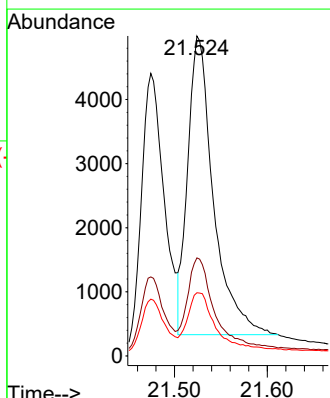
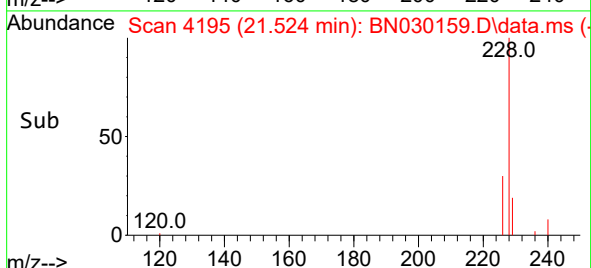
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

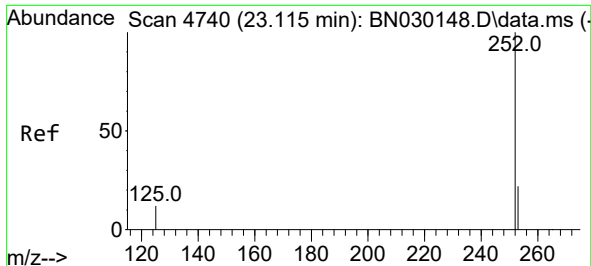


#22
Chrysene
Concen: 0.428 ng/ul
RT: 21.524 min Scan# 4195
Delta R.T. 0.024 min
Lab File: BN030159.D
Acq: 29 Feb 2024 09:27



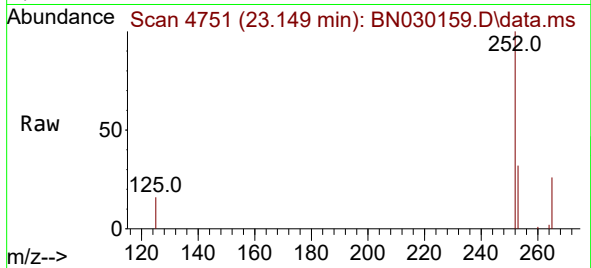
Tgt Ion:228 Resp: 8980
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 19.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.447 ng/ul
RT: 23.149 min Scan# 4751
Delta R.T. 0.041 min
Lab File: BN030159.D
Acq: 29 Feb 2024 09:27

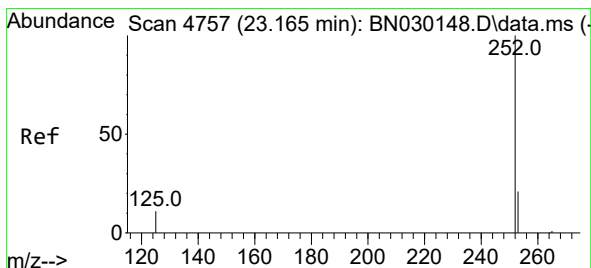
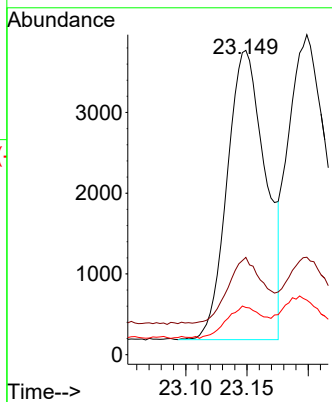
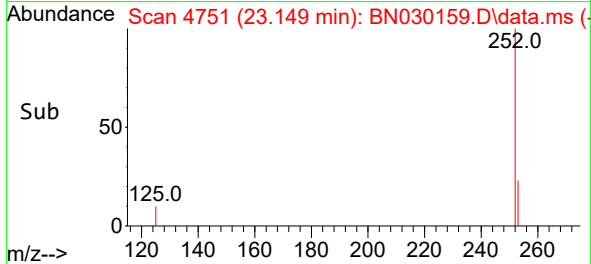
Instrument :
BNA_N
ClientSampleId :
SLCS149



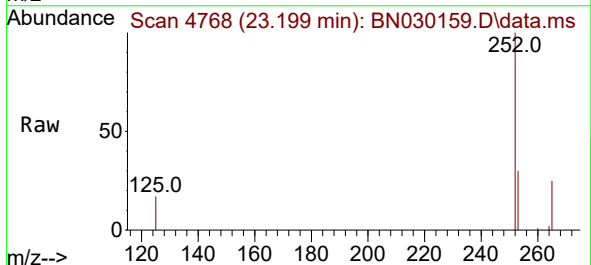
Tgt Ion:252 Resp: 779
Ion Ratio Lower Upper
252 100
253 32.0 0.0 56.8
125 15.5 0.0 32.4

Manual Integrations
APPROVED

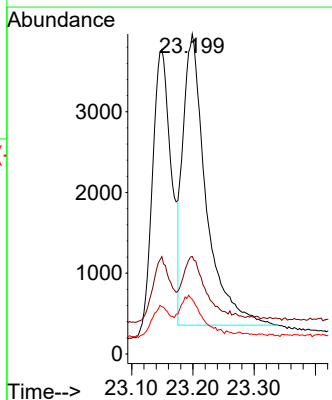
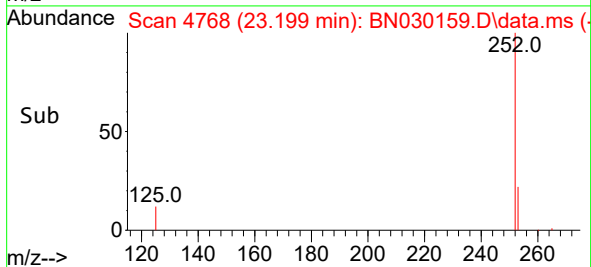
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

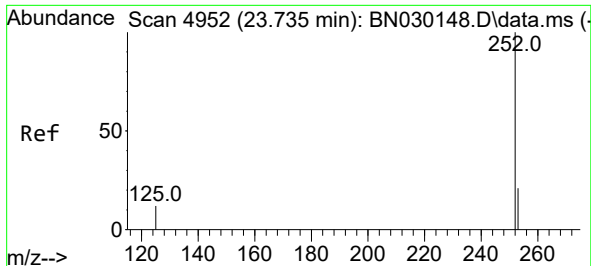


#25
Benzo(k)fluoranthene
Concen: 0.488 ng/ul
RT: 23.199 min Scan# 4768
Delta R.T. 0.044 min
Lab File: BN030159.D
Acq: 29 Feb 2024 09:27



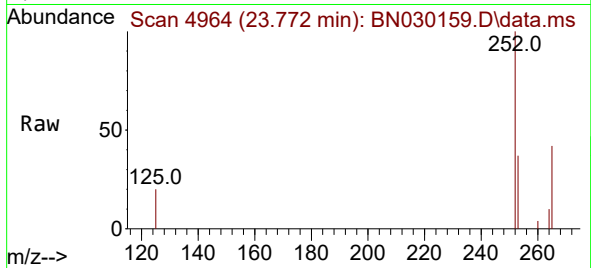
Tgt Ion:252 Resp: 9436
Ion Ratio Lower Upper
252 100
253 30.5 22.6 33.8
125 17.0 15.3 22.9





#26
Benzo(a)pyrene
Concen: 0.458 ng/ul
RT: 23.772 min Scan# 4952
Delta R.T. 0.047 min
Lab File: BN030159.D
Acq: 29 Feb 2024 09:27

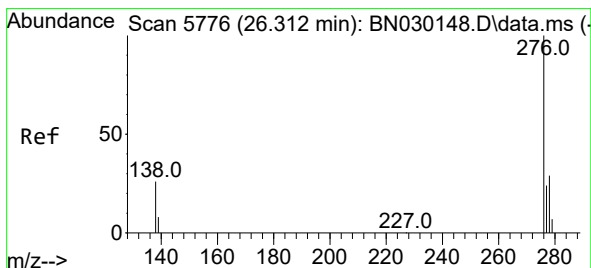
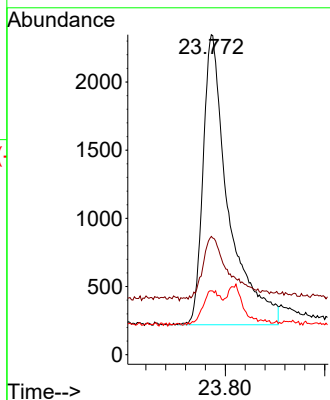
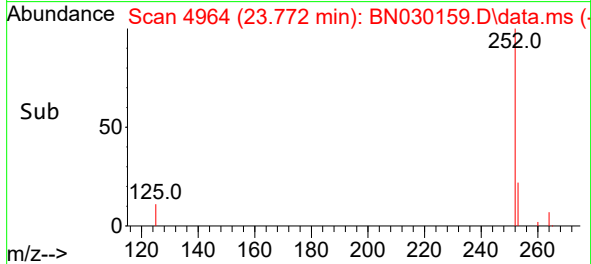
Instrument :
BNA_N
ClientSampleId :
SLCS149



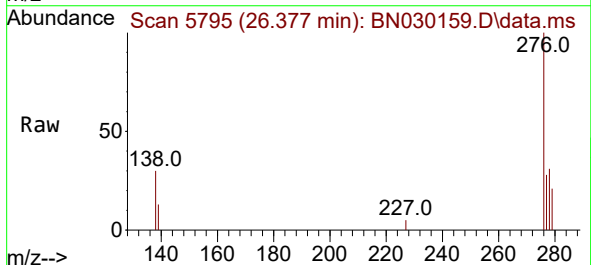
Tgt Ion:252 Resp: 7500
Ion Ratio Lower Upper
252 100
253 37.0 25.4 38.0
125 19.9 16.0 24.0

Manual Integrations
APPROVED

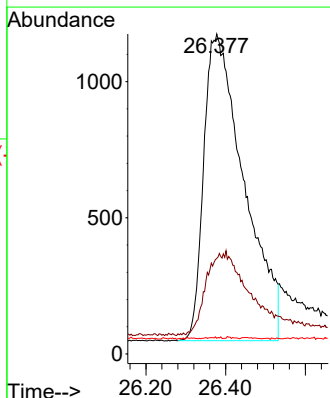
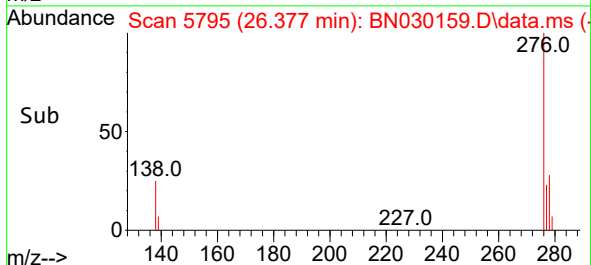
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

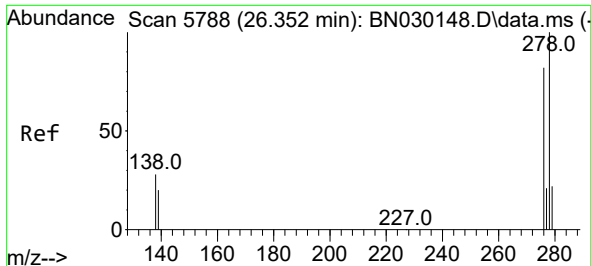


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng/ul
RT: 26.377 min Scan# 5795
Delta R.T. 0.084 min
Lab File: BN030159.D
Acq: 29 Feb 2024 09:27



Tgt Ion:276 Resp: 7897
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.381 ng/ul

RT: 26.418 min Scan# 594

Delta R.T. 0.087 min

Lab File: BN030159.D

Acq: 29 Feb 2024 09:27

Instrument :

BNA_N

ClientSampleId :

SLCS149

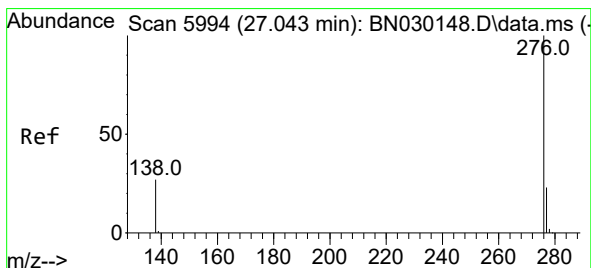
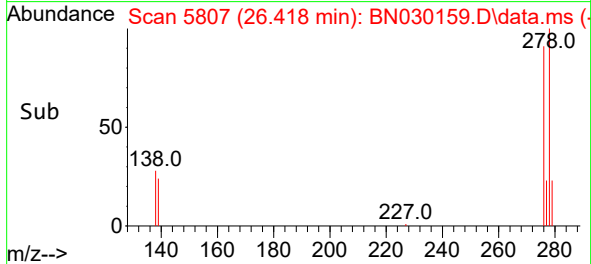
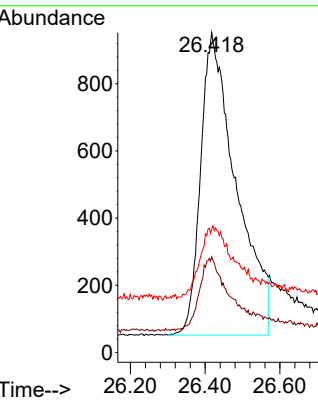
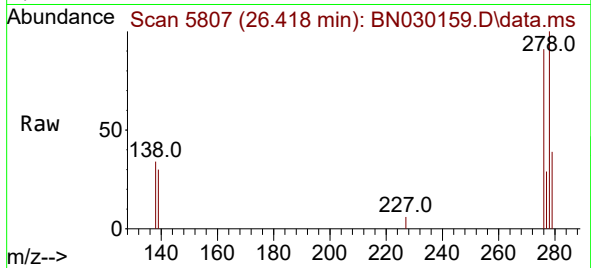
Tgt Ion:278 Resp: 594

Ion	Ratio	Lower	Upper
278	100		
139	29.9	19.0	28.4
279	38.6	22.6	34.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#29

Benzo(g,h,i)perylene

Concen: 0.408 ng/ul

RT: 27.119 min Scan# 6016

Delta R.T. 0.101 min

Lab File: BN030159.D

Acq: 29 Feb 2024 09:27

Tgt Ion:276 Resp: 7378

Ion	Ratio	Lower	Upper
276	100		
138	28.1	24.6	37.0
277	27.2	19.7	29.5

