

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
 Data File : BN030160.D
 Acq On : 29 Feb 2024 10:02
 Operator : MA/JU
 Sample : PB159328BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS328

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
 Supervised By :Sohil Jodhani 03/01/2024

Quant Time: Feb 29 11:05:13 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	7.901	152	2747	0.400	ng/ul	0.05
4) Naphthalene-d8	10.698	136	7662	0.400	ng/ul	0.05
9) Acenaphthene-d10	14.542	164	3611	0.400	ng/ul	0.05
13) Phenanthrene-d10	17.300	188	6712m	0.400	ng/ul	0.04
17) Chrysene-d12	21.496	240	5036	0.400	ng/ul	0.03
23) Perylene-d12	23.884	264	4824m	0.400	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	2718	0.794	ng/ul	0.02
6) 2-Methylnaphthalene-d10	12.293	152	3892	0.399	ng/ul	0.05
18) Fluoranthene-d10	19.325	212	6758	0.408	ng/ul	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	9042	2.425	ng/ul	91
5) Naphthalene	10.748	128	8730	0.405	ng/ul	99
7) 2-Methylnaphthalene	12.370	142	4849	0.392	ng/ul	99
8) 1-Methylnaphthalene	12.585	142	4909	0.390	ng/ul	99
10) Acenaphthylene	14.264	152	6987	0.397	ng/ul	97
11) Acenaphthene	14.607	153	5482	0.409	ng/ul	99
12) Fluorene	15.606	166	5433	0.388	ng/ul	96
14) Pentachlorophenol	16.950	266	1525	1.019	ng/ul#	51
15) Phenanthrene	17.338	178	7965	0.380	ng/ul	96
16) Anthracene	17.439	178	6758	0.383	ng/ul	97
19) Fluoranthene	19.358	202	9238	0.399	ng/ul	96
20) Pyrene	19.720	202	9845	0.415	ng/ul	95
21) Benzo(a)anthracene	21.481	228	6758	0.372	ng/ul	98
22) Chrysene	21.531	228	8461	0.426	ng/ul	99
24) Benzo(b)fluoranthene	23.156	252	7374	0.406	ng/ul	97
25) Benzo(k)fluoranthene	23.206	252	9318	0.463	ng/ul	96
26) Benzo(a)pyrene	23.782	252	7456	0.437	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.392	276	7780	0.376	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.443	278	5945	0.366	ng/ul#	87
29) Benzo(g,h,i)perylene	27.137	276	7281	0.387	ng/ul	97

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

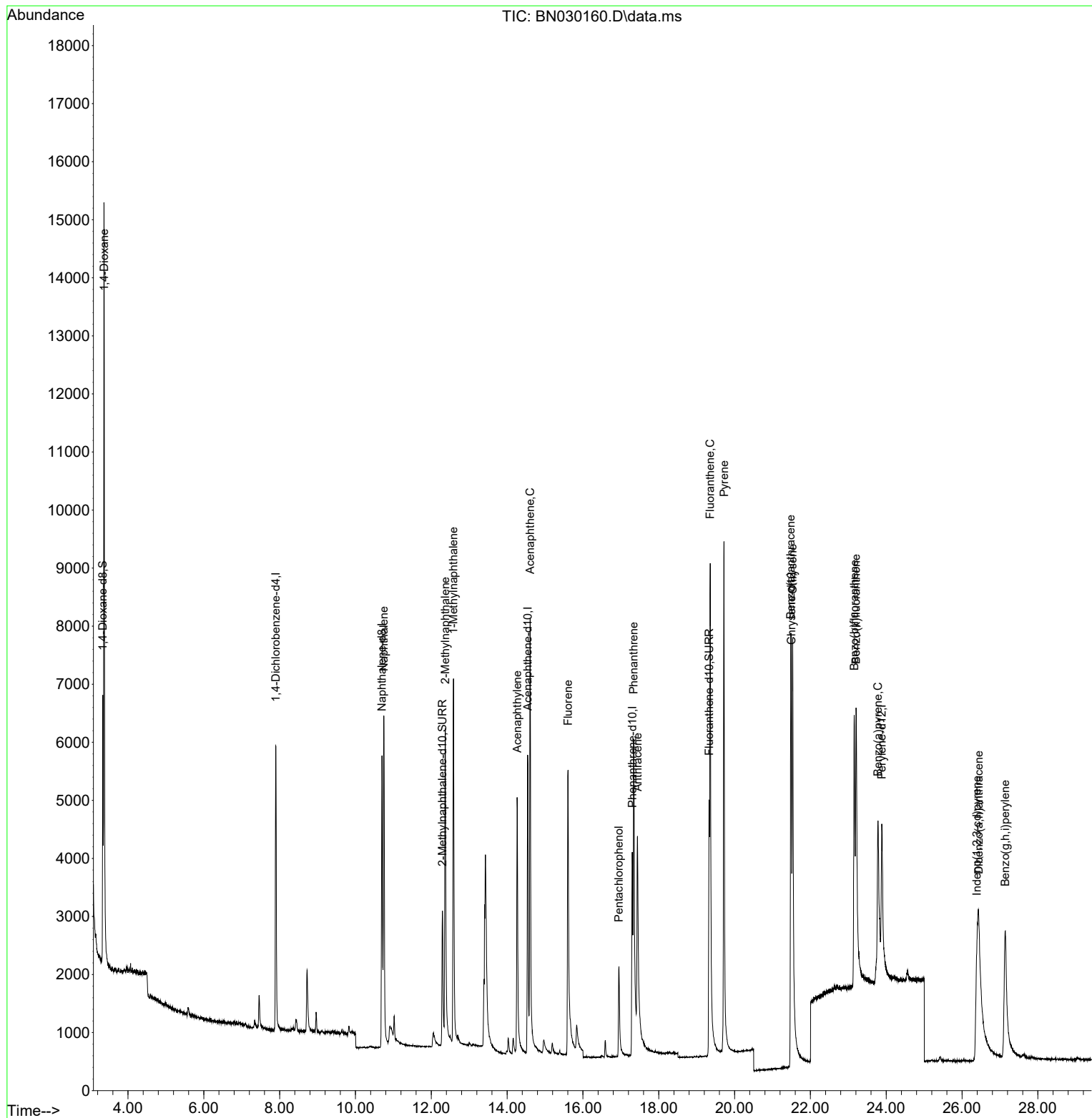
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
Data File : BN030160.D
Acq On : 29 Feb 2024 10:02
Operator : MA/JU
Sample : PB159328BS
Misc :
ALS Vial : 67 Sample Multiplier: 1

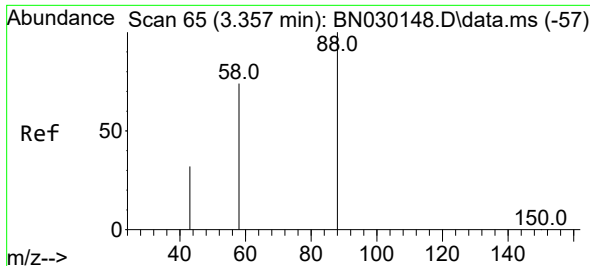
Instrument :
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ClientSampleId :
SLCS328

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Supervised By :Sohil Jodhani 03/01/2024

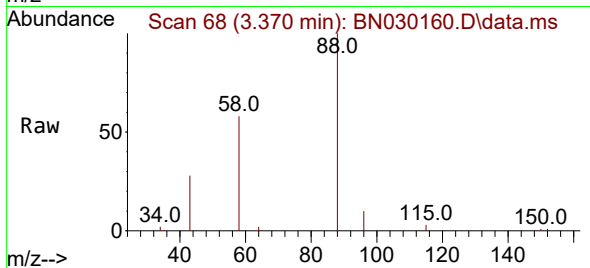
Quant Time: Feb 29 11:05:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 23:49:29 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.425 ng/ul
RT: 3.370 min Scan# 61
Delta R.T. 0.017 min
Lab File: BN030160.D
Acq: 29 Feb 2024 10:02

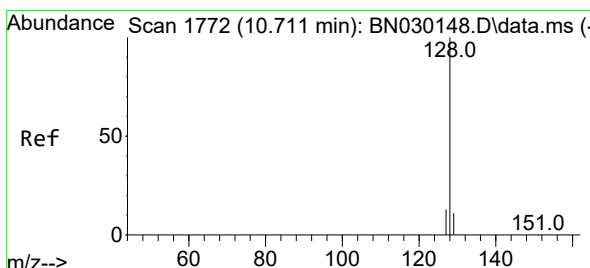
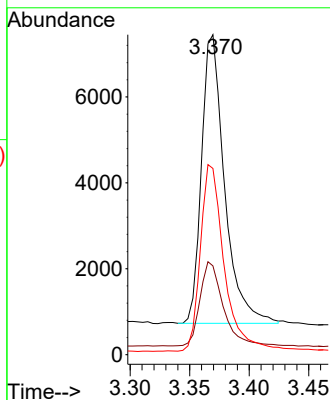
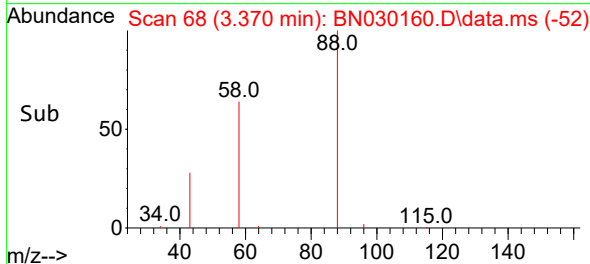
Instrument :
BNA_N
ClientSampleId :
SLCS328



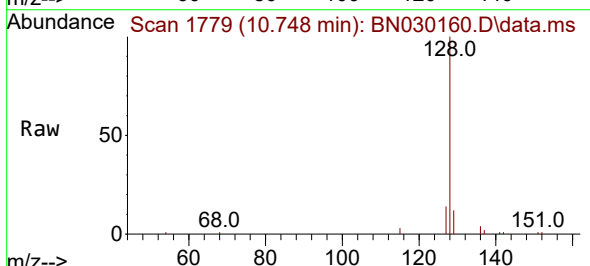
Tgt Ion: 88 Resp: 904
Ion Ratio Lower Upper
88 100
43 27.7 21.8 32.6
58 58.2 39.3 58.9

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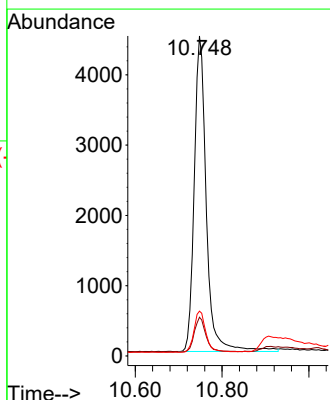
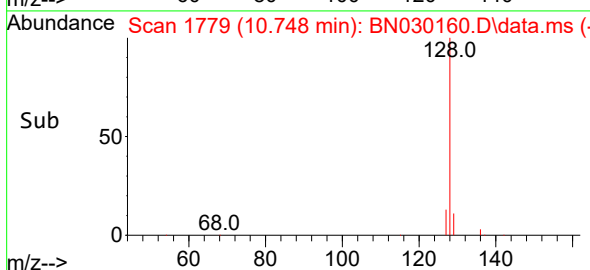
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :Sohil Jodhani 03/01/2024

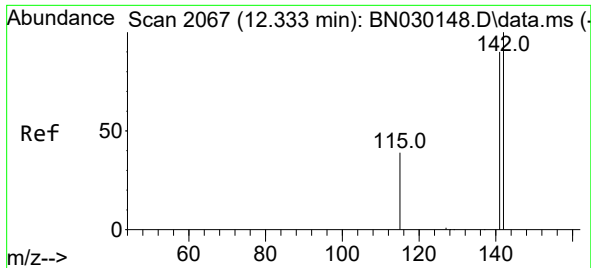


#5
Naphthalene
Concen: 0.405 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. 0.048 min
Lab File: BN030160.D
Acq: 29 Feb 2024 10:02



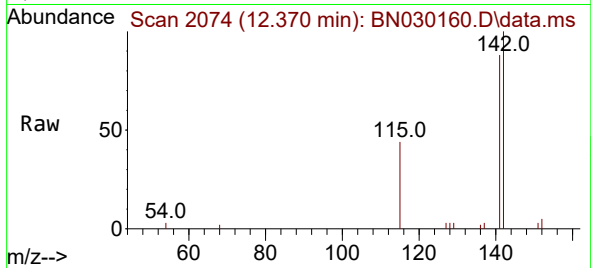
Tgt Ion:128 Resp: 8730
Ion Ratio Lower Upper
128 100
129 12.1 9.1 13.7
127 14.0 11.0 16.6





#7
2-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.370 min Scan# 2067
Delta R.T. 0.054 min
Lab File: BN030160.D
Acq: 29 Feb 2024 10:02

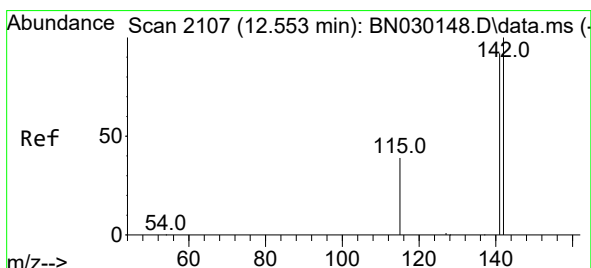
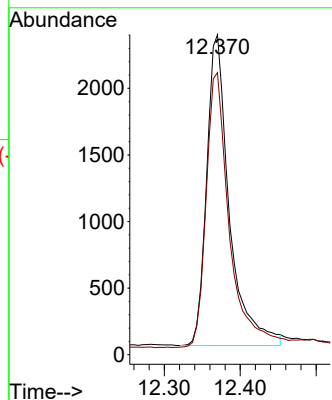
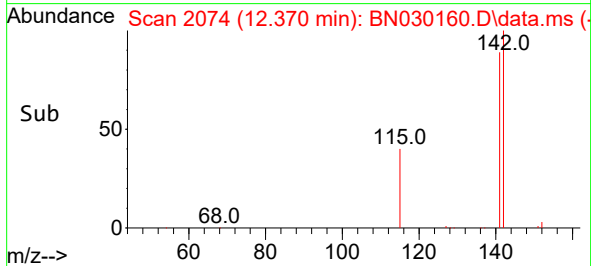
Instrument :
BNA_N
ClientSampleId :
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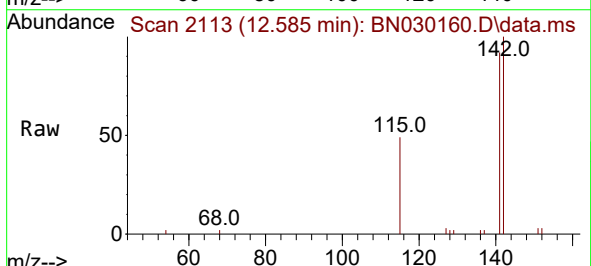
Tgt Ion:142 Resp: 4849
Ion Ratio Lower Upper
142 100
141 90.6 71.5 107.3

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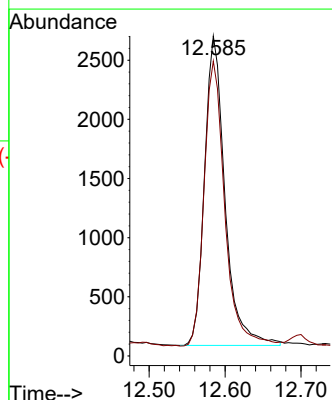
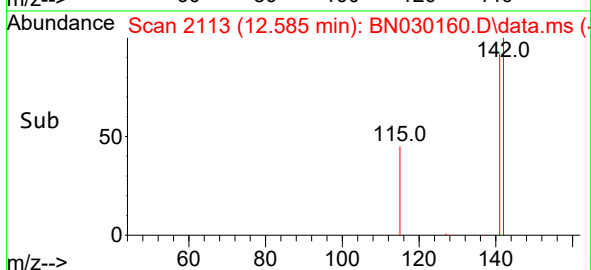
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :Sohil Jodhani 03/01/2024

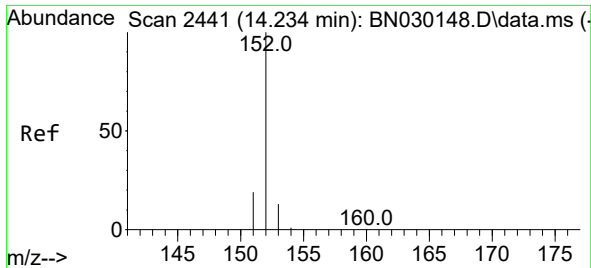


#8
1-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. 0.048 min
Lab File: BN030160.D
Acq: 29 Feb 2024 10:02



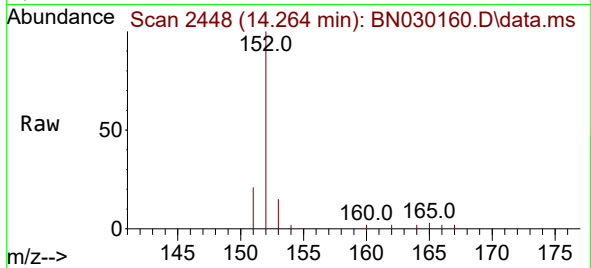
Tgt Ion:142 Resp: 4909
Ion Ratio Lower Upper
142 100
141 93.1 73.9 110.9





#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 14.264 min Scan# 2441
Delta R.T. 0.045 min
Lab File: BN030160.D
Acq: 29 Feb 2024 10:02

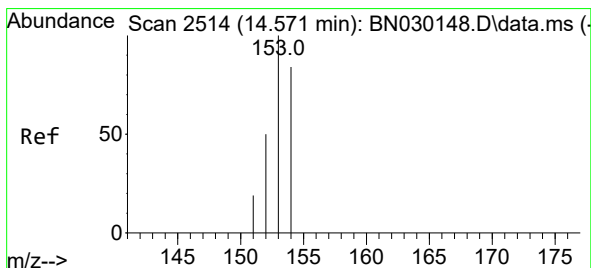
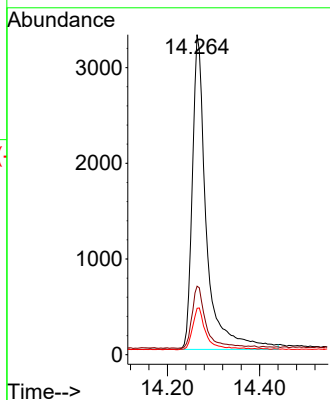
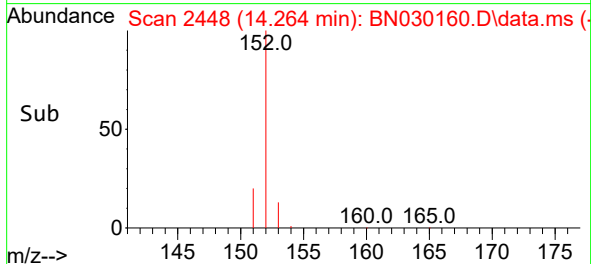
Instrument :
BNA_N
ClientSampleId :
SLCS328



Tgt Ion:152 Resp: 698
Ion Ratio Lower Upper
152 100
151 21.4 15.8 23.8
153 14.5 10.9 16.3

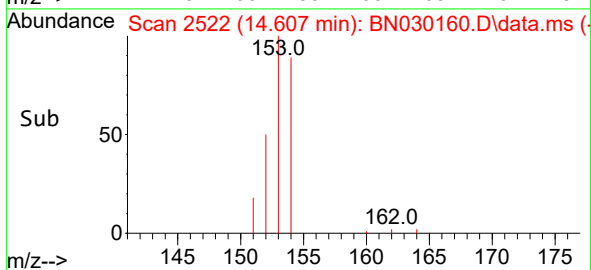
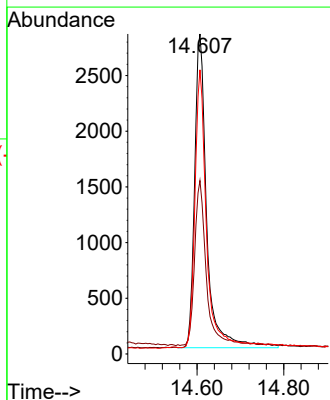
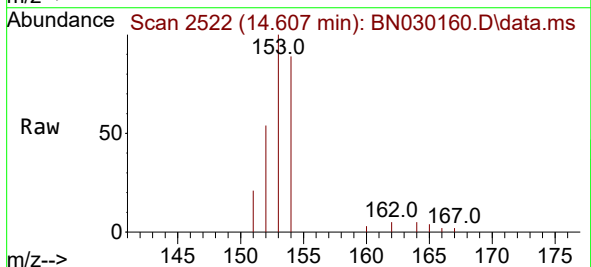
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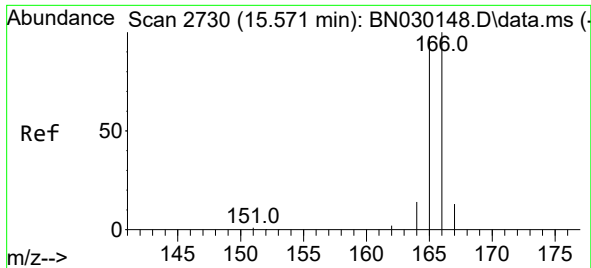
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :Sohil Jodhani 03/01/2024



#11
Acenaphthene
Concen: 0.409 ng/ul
RT: 14.607 min Scan# 2522
Delta R.T. 0.045 min
Lab File: BN030160.D
Acq: 29 Feb 2024 10:02

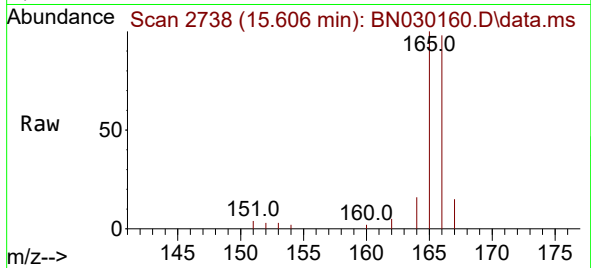
Tgt Ion:153 Resp: 5482
Ion Ratio Lower Upper
153 100
152 54.2 41.5 62.3
154 88.8 70.9 106.3





#12
Fluorene
Concen: 0.388 ng/ul
RT: 15.606 min Scan# 21
Delta R.T. 0.045 min
Lab File: BN030160.D
Acq: 29 Feb 2024 10:02

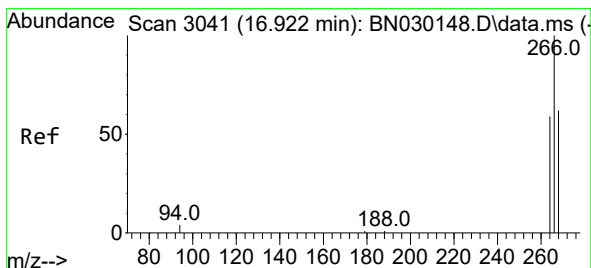
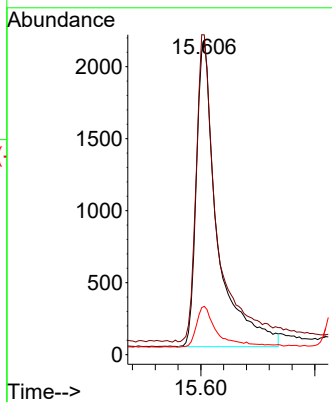
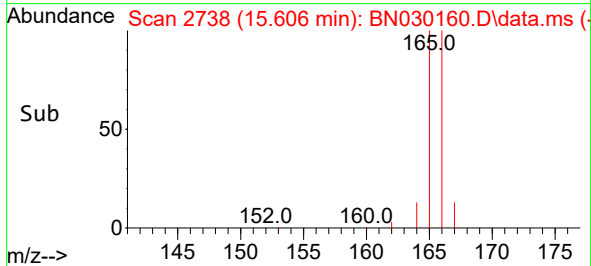
Instrument :
BNA_N
ClientSampleId :
SLCS328



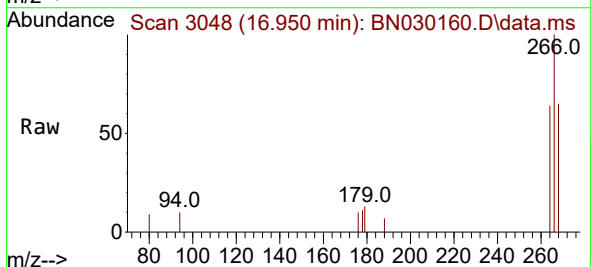
Tgt Ion:166 Resp: 543
Ion Ratio Lower Upper
166 100
165 101.8 78.6 117.8
167 15.4 11.5 17.3

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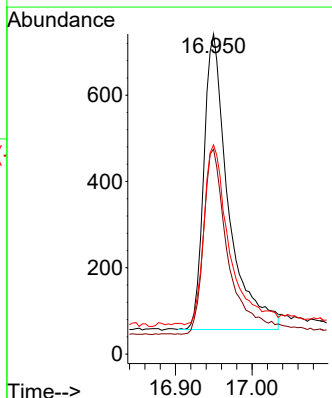
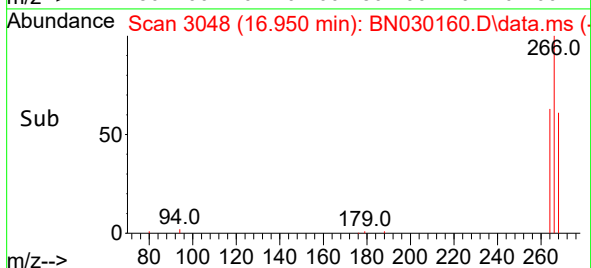
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :Sohil Jodhani 03/01/2024

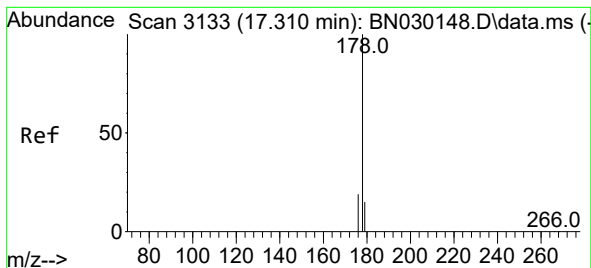


#14
Pentachlorophenol
Concen: 1.019 ng/ul
RT: 16.950 min Scan# 3048
Delta R.T. 0.033 min
Lab File: BN030160.D
Acq: 29 Feb 2024 10:02



Tgt Ion:266 Resp: 1525
Ion Ratio Lower Upper
266 100
264 63.4 0.0 0.0#
268 63.1 0.2 0.2#





#15

Phenanthrene

Concen: 0.380 ng/ul

RT: 17.338 min Scan# 3133

Delta R.T. 0.037 min

Lab File: BN030160.D

Acq: 29 Feb 2024 10:02

Instrument :

BNA_N

ClientSampleId :

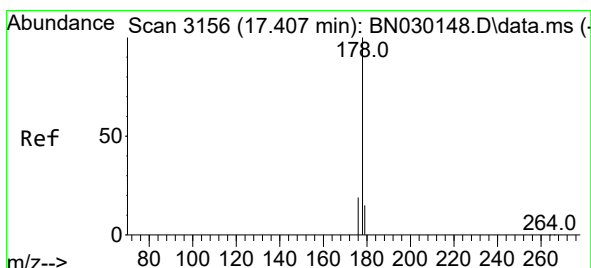
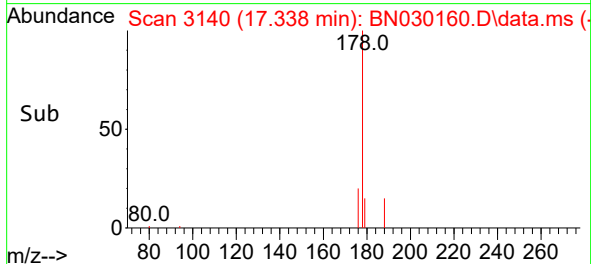
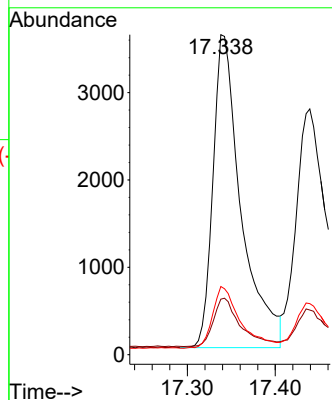
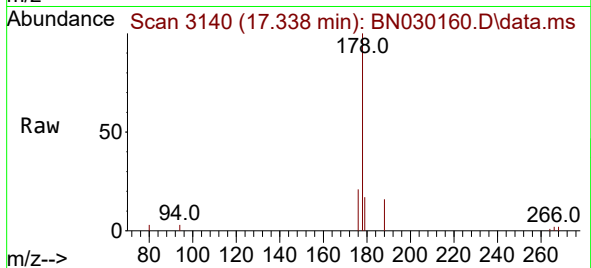
SLCS328

Tgt Ion:	178	Resp:	796
Ion Ratio	Lower	Upper	
178	100		
179	17.3	12.6	18.8
176	21.3	15.7	23.5

Manual Integrations

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Supervised By :Sohil Jodhani 03/01/2024



#16

Anthracene

Concen: 0.383 ng/ul

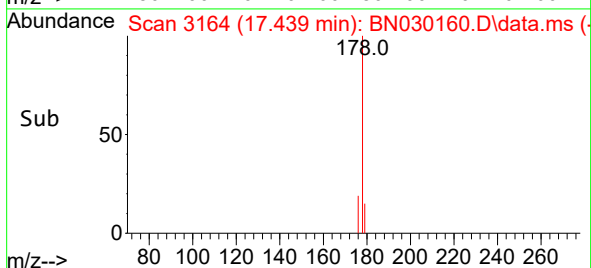
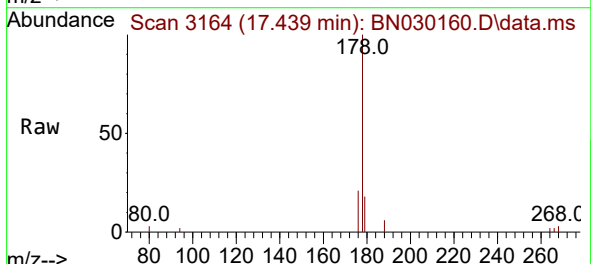
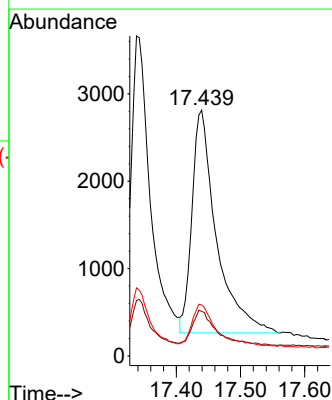
RT: 17.439 min Scan# 3164

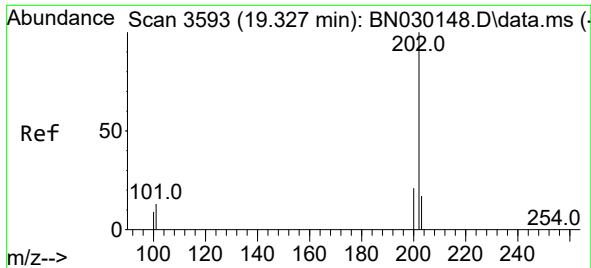
Delta R.T. 0.041 min

Lab File: BN030160.D

Acq: 29 Feb 2024 10:02

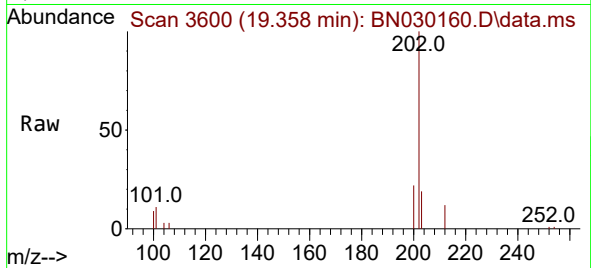
Tgt Ion:	178	Resp:	6758
Ion Ratio	Lower	Upper	
178	100		
179	18.2	12.9	19.3
176	20.8	15.8	23.8





#19
Fluoranthene
Concen: 0.399 ng/ul
RT: 19.358 min Scan# 3600
Delta R.T. 0.036 min
Lab File: BN030160.D
Acq: 29 Feb 2024 10:02

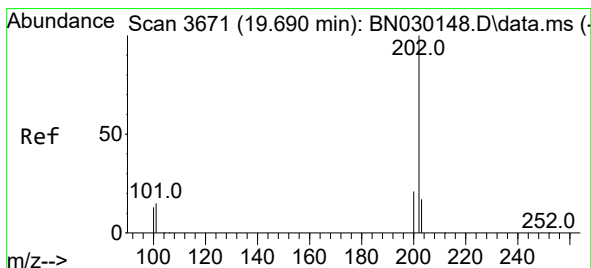
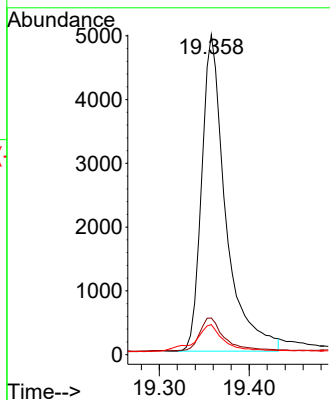
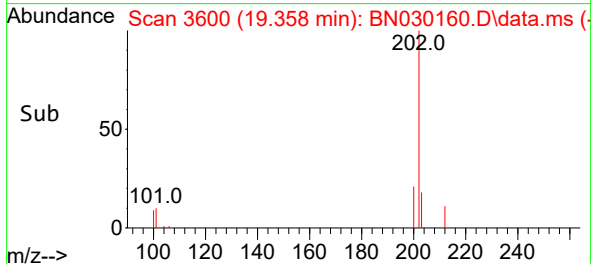
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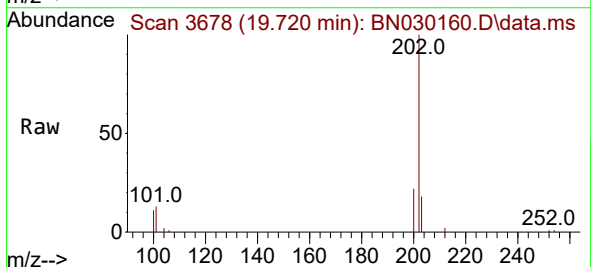
Tgt Ion:202 Resp: 9238
Ion Ratio Lower Upper
202 100
101 11.4 10.4 15.6
100 9.4 8.5 12.7

Manual Integrations
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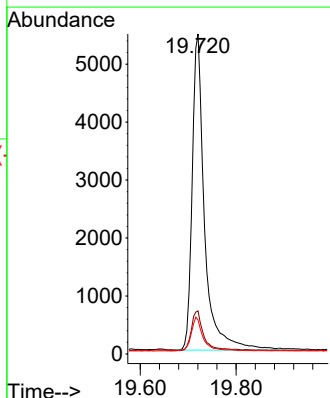
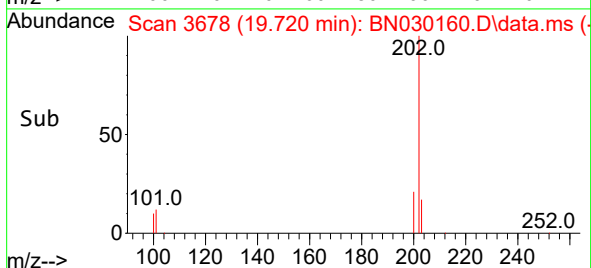
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :Sohil Jodhani 03/01/2024

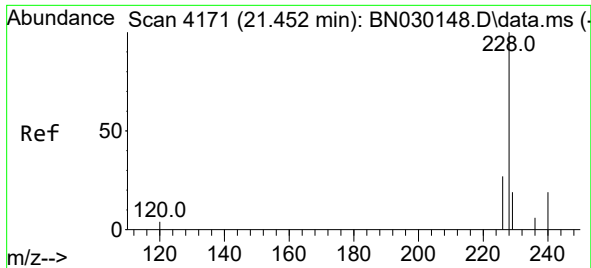


#20
Pyrene
Concen: 0.415 ng/ul
RT: 19.720 min Scan# 3678
Delta R.T. 0.036 min
Lab File: BN030160.D
Acq: 29 Feb 2024 10:02



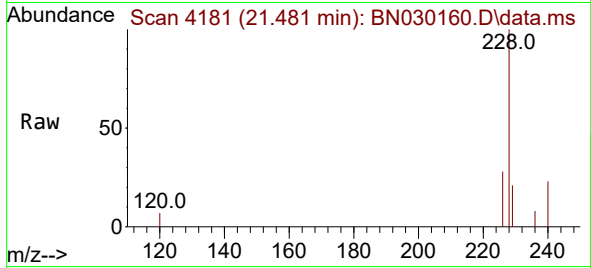
Tgt Ion:202 Resp: 9845
Ion Ratio Lower Upper
202 100
101 13.4 12.5 18.7
100 10.7 10.0 15.0





#21
Benzo(a)anthracene
Concen: 0.372 ng/ul
RT: 21.481 min Scan# 4171
Delta R.T. 0.030 min
Lab File: BN030160.D
Acq: 29 Feb 2024 10:02

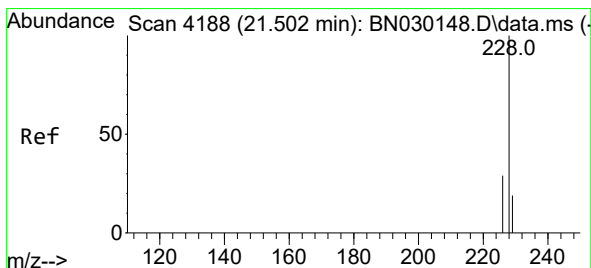
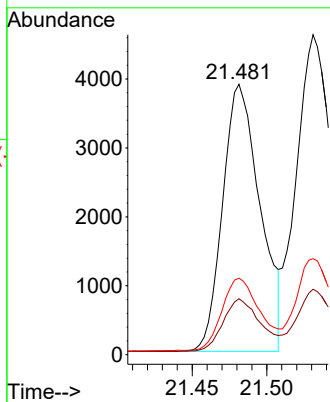
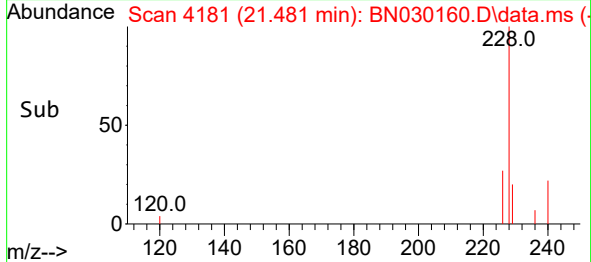
Instrument :
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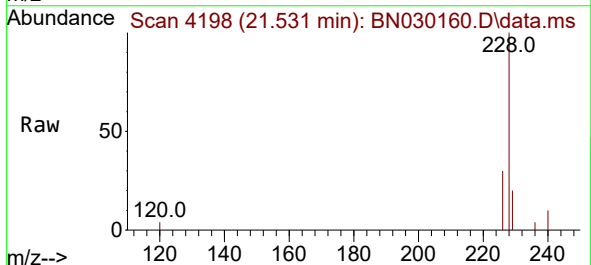
Tgt Ion:228 Resp: 6758
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 28.3 22.2 33.4

Manual Integrations
APPROVED

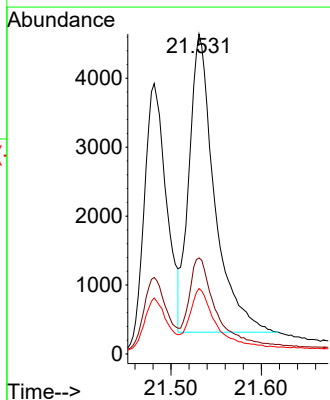
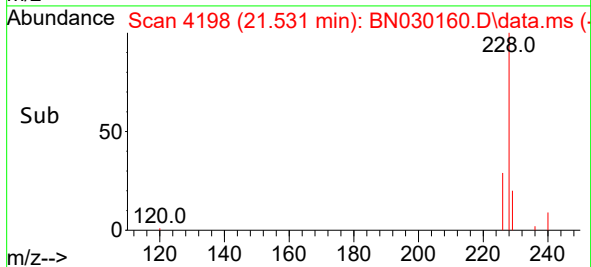
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :Sohil Jodhani 03/01/2024

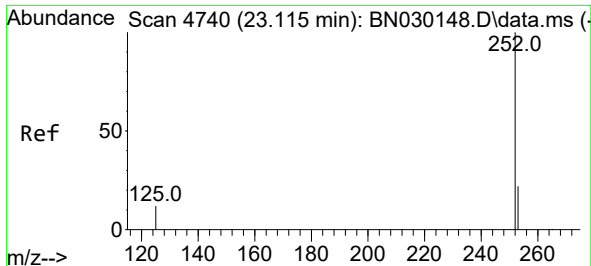


#22
Chrysene
Concen: 0.426 ng/ul
RT: 21.531 min Scan# 4198
Delta R.T. 0.030 min
Lab File: BN030160.D
Acq: 29 Feb 2024 10:02



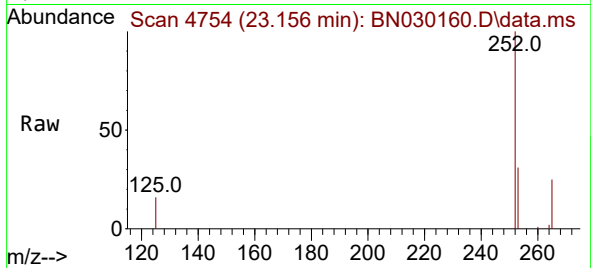
Tgt Ion:228 Resp: 8461
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 20.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.406 ng/ul
RT: 23.156 min Scan# 4754
Delta R.T. 0.048 min
Lab File: BN030160.D
Acq: 29 Feb 2024 10:02

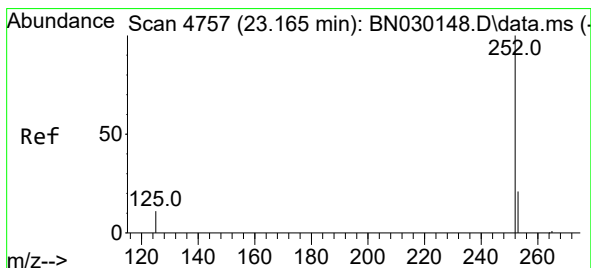
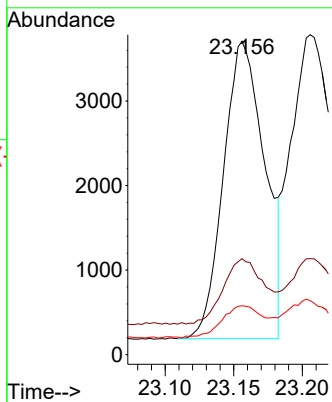
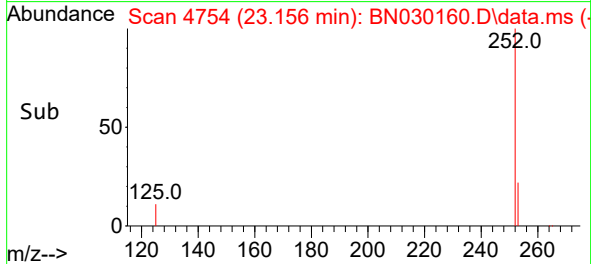
Instrument :
BNA_N
ClientSampleId :
SLCS328



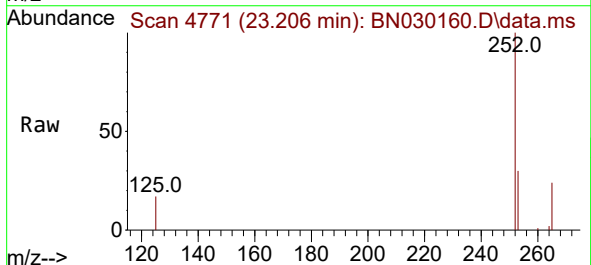
Tgt Ion:252 Resp: 7374
Ion Ratio Lower Upper
252 100
253 30.6 0.0 56.8
125 15.6 0.0 32.4

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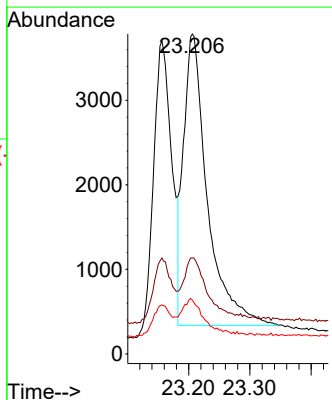
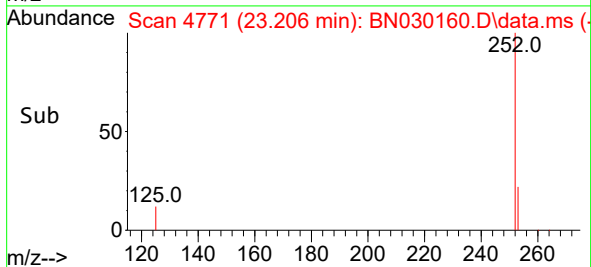
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :Sohil Jodhani 03/01/2024

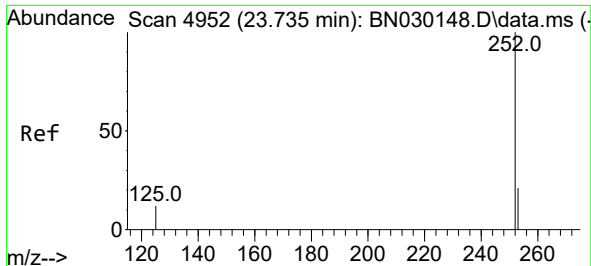


#25
Benzo(k)fluoranthene
Concen: 0.463 ng/ul
RT: 23.206 min Scan# 4771
Delta R.T. 0.051 min
Lab File: BN030160.D
Acq: 29 Feb 2024 10:02



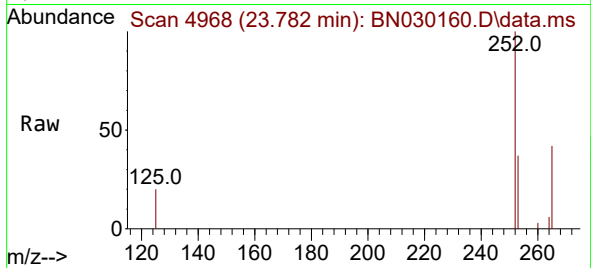
Tgt Ion:252 Resp: 9318
Ion Ratio Lower Upper
252 100
253 30.0 22.6 33.8
125 16.9 15.3 22.9





#26
Benzo(a)pyrene
Concen: 0.437 ng/ul
RT: 23.782 min Scan# 4952
Delta R.T. 0.057 min
Lab File: BN030160.D
Acq: 29 Feb 2024 10:02

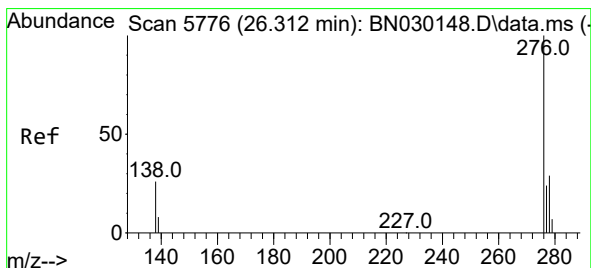
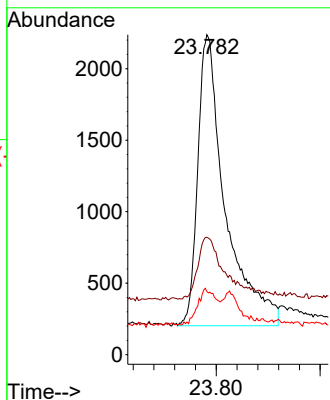
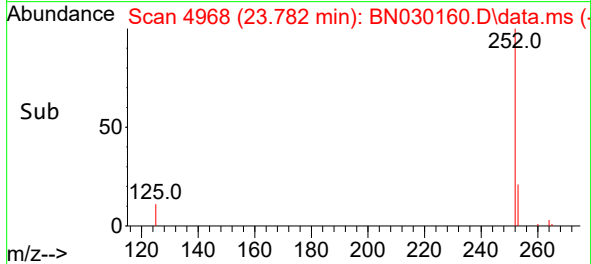
Instrument :
BNA_N
ClientSampleId :
SLCS328



Tgt Ion:252 Resp: 7450
Ion Ratio Lower Upper
252 100
253 36.7 25.4 38.0
125 19.7 16.0 24.0

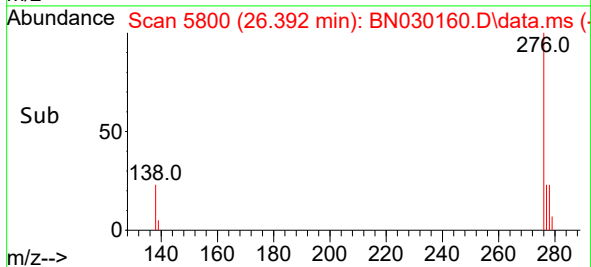
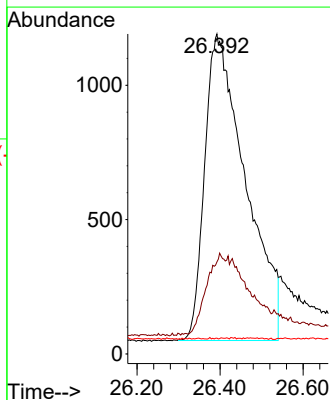
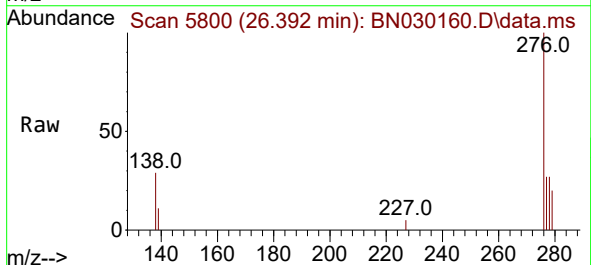
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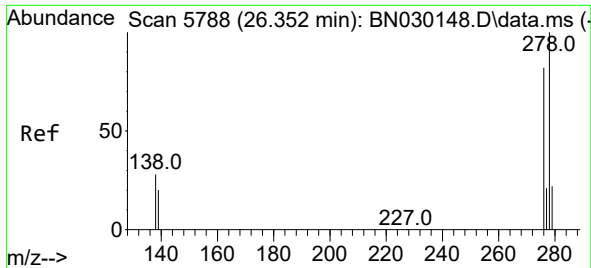
Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :Sohil Jodhani 03/01/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng/ul
RT: 26.392 min Scan# 5800
Delta R.T. 0.099 min
Lab File: BN030160.D
Acq: 29 Feb 2024 10:02

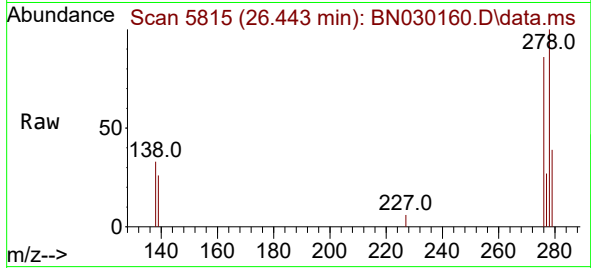
Tgt Ion:276 Resp: 7780
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.366 ng/ul
RT: 26.443 min Scan# 5945
Delta R.T. 0.112 min
Lab File: BN030160.D
Acq: 29 Feb 2024 10:02

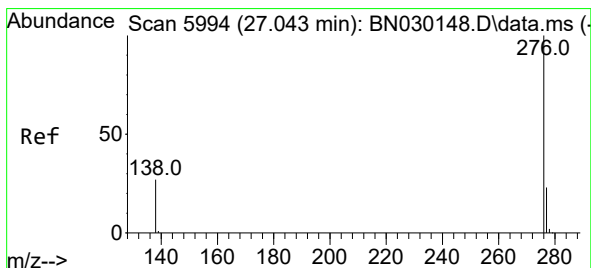
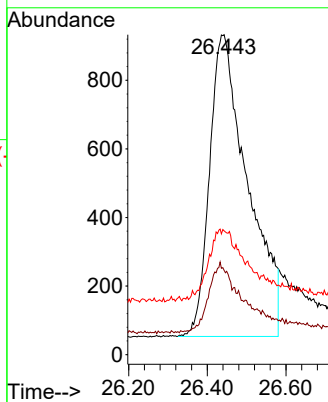
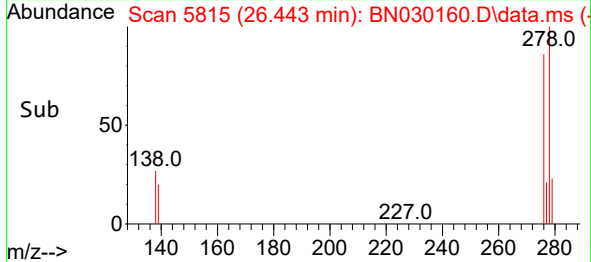
Instrument :
BNA_N
ClientSampleId :
SLCS328



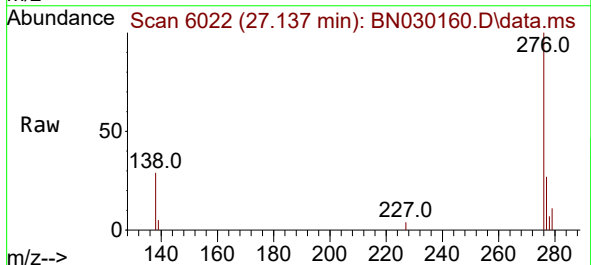
Tgt Ion:278 Resp: 5945
Ion Ratio Lower Upper
278 100
139 26.4 19.0 28.4
279 38.7 22.6 34.0

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Supervised By :Sohil Jodhani 03/01/2024



#29
Benzo(g,h,i)perylene
Concen: 0.387 ng/ul
RT: 27.137 min Scan# 6022
Delta R.T. 0.119 min
Lab File: BN030160.D
Acq: 29 Feb 2024 10:02



Tgt Ion:276 Resp: 7281
Ion Ratio Lower Upper
276 100
138 29.2 24.6 37.0
277 26.5 19.7 29.5

