

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033200.D
 Acq On : 02 Aug 2024 11:47
 Operator : MA/JU
 Sample : P3265-05DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D22DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 12:33:18 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 : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.482	152	3387m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.256	136	10520	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.125	164	5795	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.890	188	11159	0.400	ng/ul	-0.05
17) Chrysene-d12	21.113	240	8566	0.400	ng/ul	#-0.04
23) Perylene-d12	23.291	264	10412m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	2368	0.553	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.879	152	547	0.032	ng/ul	-0.05
18) Fluoranthene-d10	18.930	212	1098	0.045	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.306	128	6931	0.257	ng/ul	99
7) 2-Methylnaphthalene	11.956	142	2207	0.121	ng/ul	96
8) 1-Methylnaphthalene	12.159	142	1780	0.090	ng/ul	98
10) Acenaphthylene	13.847	152	6942	0.293	ng/ul	99
11) Acenaphthene	14.189	153	9158	0.513	ng/ul	100
12) Fluorene	15.193	166	8844	0.425	ng/ul	100
15) Phenanthrene	16.928	178	181216	6.054	ng/ul	97
16) Anthracene	17.030	178	31631	1.175	ng/ul	97
19) Fluoranthene	18.963	202	326958	11.592	ng/ul	96
20) Pyrene	19.330	202	248782	8.225	ng/ul	96
21) Benzo(a)anthracene	21.099	228	133019	4.553	ng/ul	99
22) Chrysene	21.148	228	154037	4.517	ng/ul	99
24) Benzo(b)fluoranthene	22.639	252	228894m	7.526	ng/ul	
25) Benzo(k)fluoranthene	22.674	252	79119m	2.171	ng/ul	
26) Benzo(a)pyrene	23.191	252	99383	3.472	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.467	276	100475	2.308	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.460	278	27095	0.785	ng/ul	96
29) Benzo(g,h,i)perylene	26.144	276	15732	0.455	ng/ul	93

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

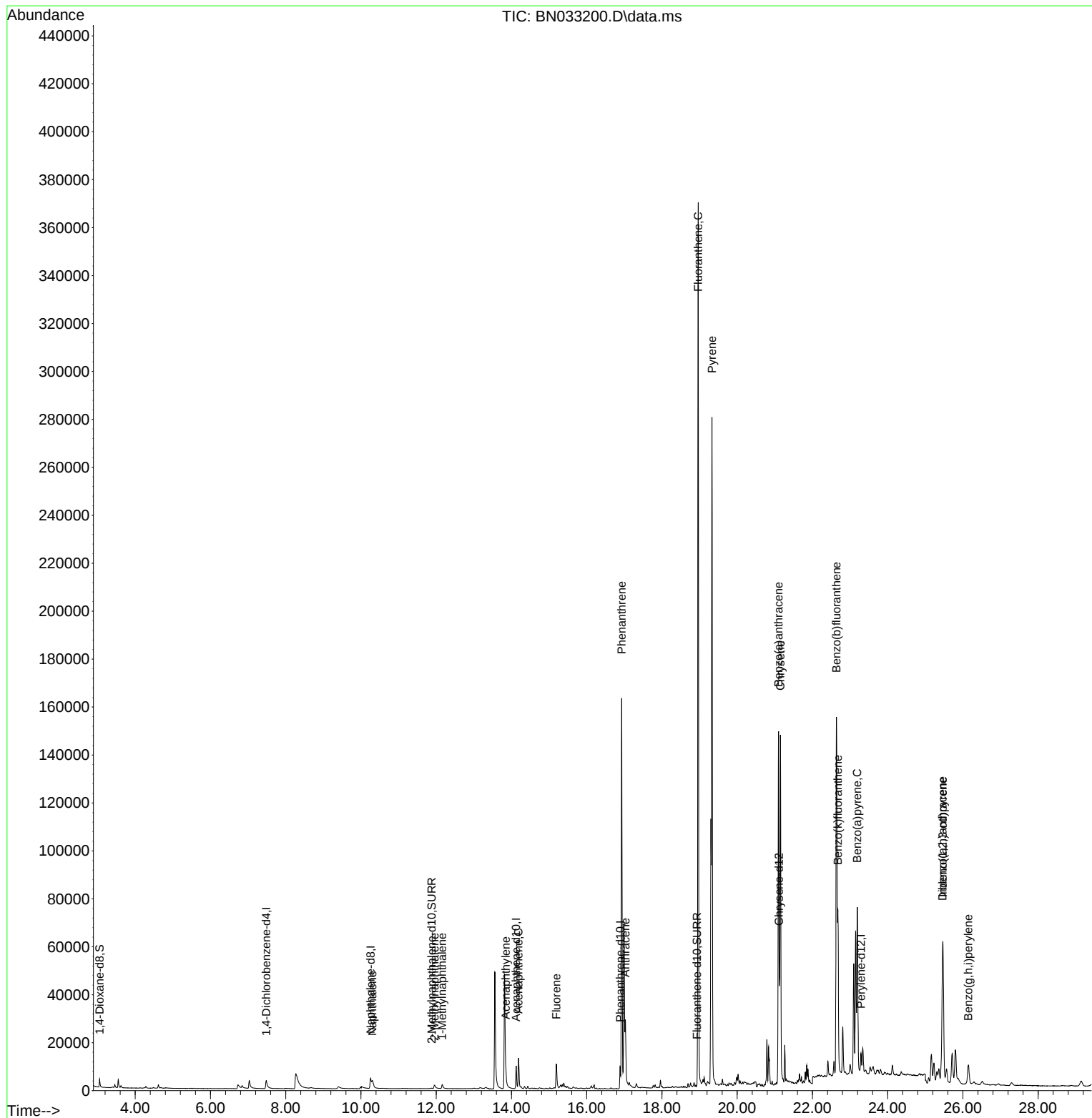
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033200.D
Acq On : 02 Aug 2024 11:47
Operator : MA/JU
Sample : P3265-05DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

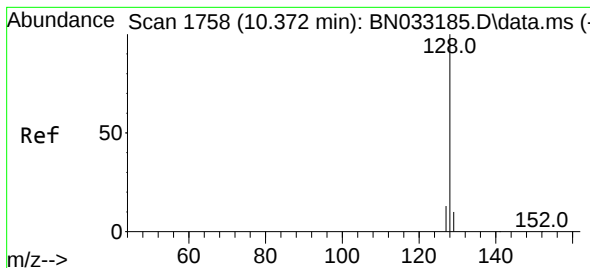
Instrument :
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ClientSampleId :
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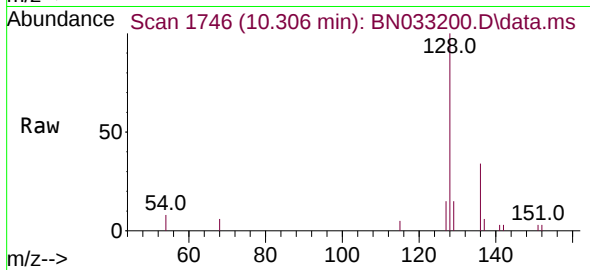
Quant Time: Aug 02 12:33:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.257 ng/ul
RT: 10.306 min Scan# 1746
Delta R.T. -0.071 min
Lab File: BN033200.D
Acq: 02 Aug 2024 11:47

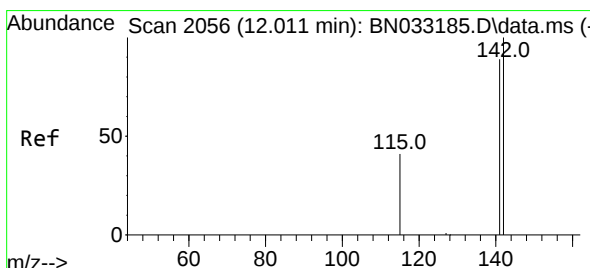
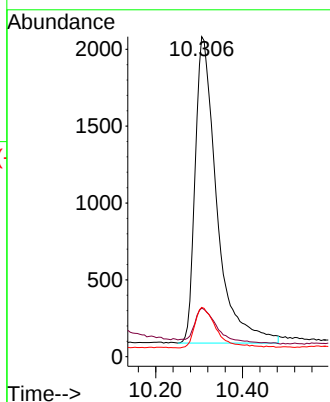
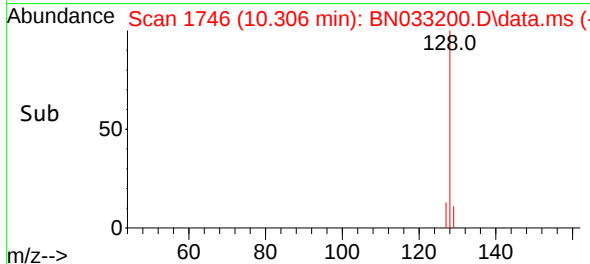
Instrument :
BNA_N
ClientSampleId :
A4D22DL



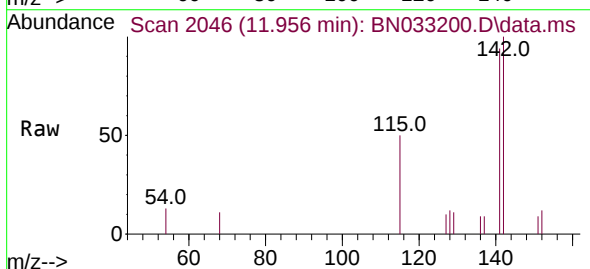
Tgt Ion:128 Resp: 693
Ion Ratio Lower Upper
128 100
129 15.2 12.0 18.0
127 15.4 12.7 19.1

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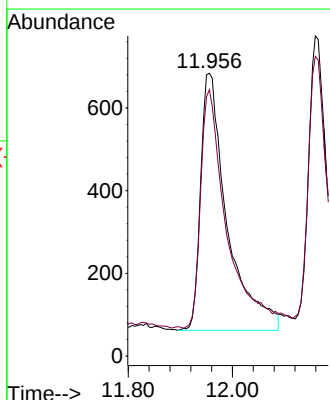
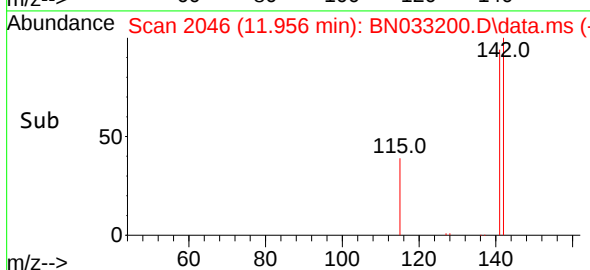
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

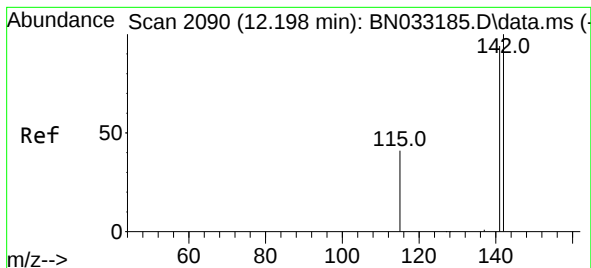


#7
2-Methylnaphthalene
Concen: 0.121 ng/ul
RT: 11.956 min Scan# 2046
Delta R.T. -0.049 min
Lab File: BN033200.D
Acq: 02 Aug 2024 11:47



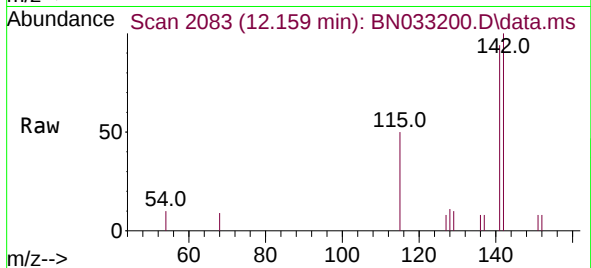
Tgt Ion:142 Resp: 2207
Ion Ratio Lower Upper
142 100
141 90.5 75.2 112.8





#8
1-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.159 min Scan# 2083
Delta R.T. -0.038 min
Lab File: BN033200.D
Acq: 02 Aug 2024 11:47

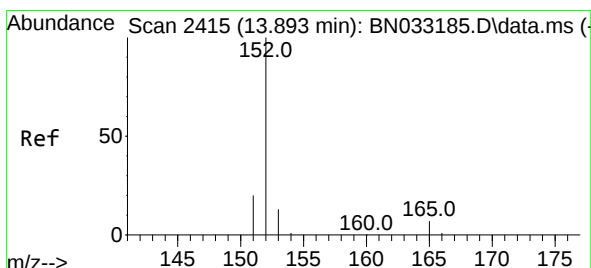
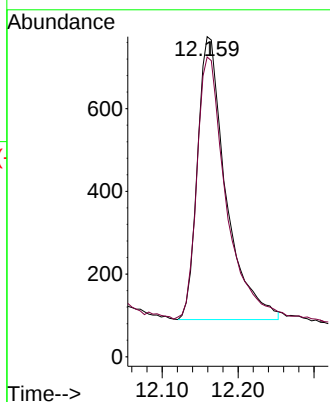
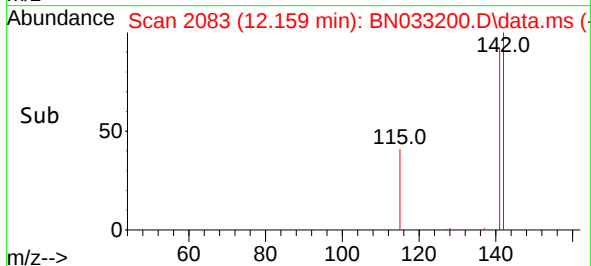
Instrument :
BNA_N
ClientSampleId :
A4D22DL



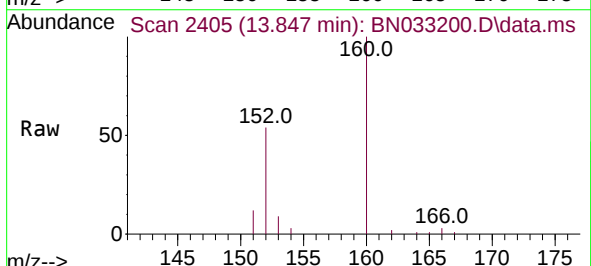
Tgt Ion:142 Resp: 1780
Ion Ratio Lower Upper
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141 94.8 74.3 111.5

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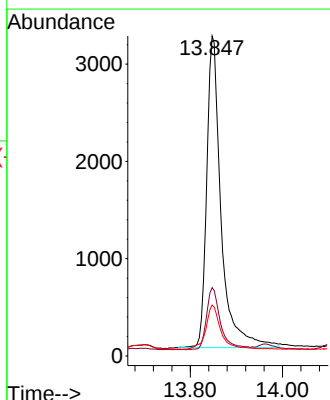
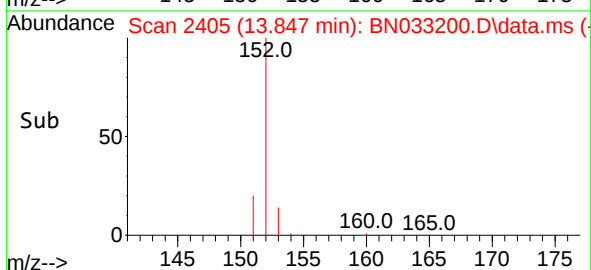
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

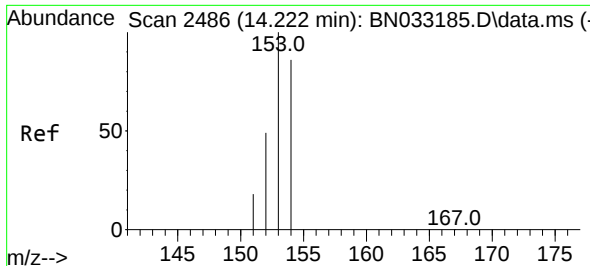


#10
Acenaphthylene
Concen: 0.293 ng/ul
RT: 13.847 min Scan# 2405
Delta R.T. -0.051 min
Lab File: BN033200.D
Acq: 02 Aug 2024 11:47



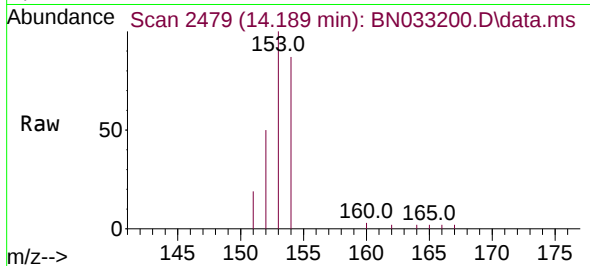
Tgt Ion:152 Resp: 6942
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2
153 15.9 11.9 17.9





#11
Acenaphthene
Concen: 0.513 ng/ul
RT: 14.189 min Scan# 2486
Delta R.T. -0.037 min
Lab File: BN033200.D
Acq: 02 Aug 2024 11:47

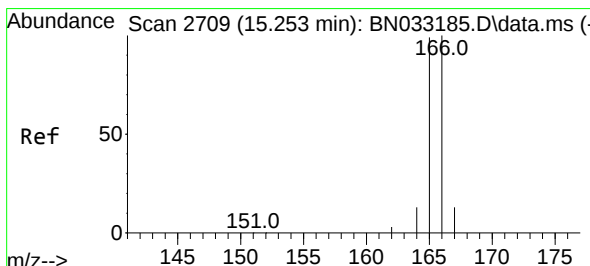
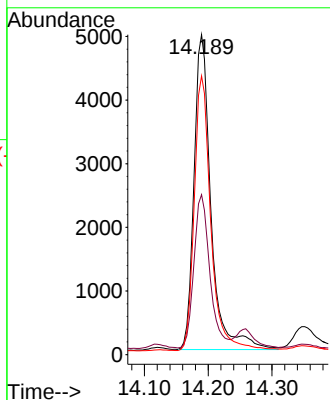
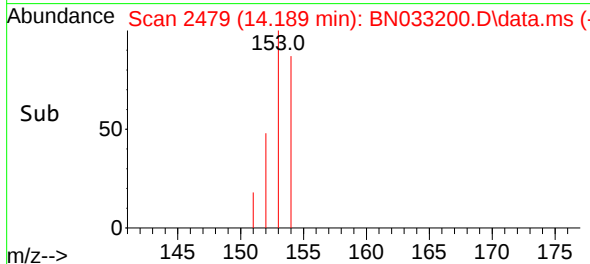
Instrument :
BNA_N
ClientSampleId :
A4D22DL



Tgt Ion:153 Resp: 9158
Ion Ratio Lower Upper
153 100
152 50.0 40.0 60.0
154 87.1 70.1 105.1

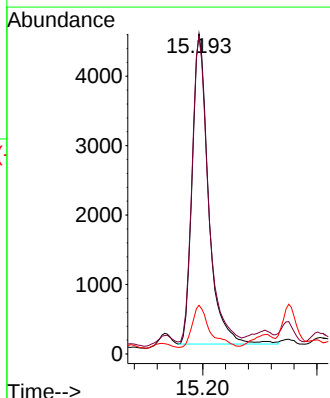
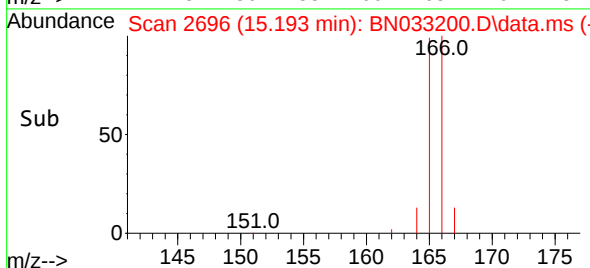
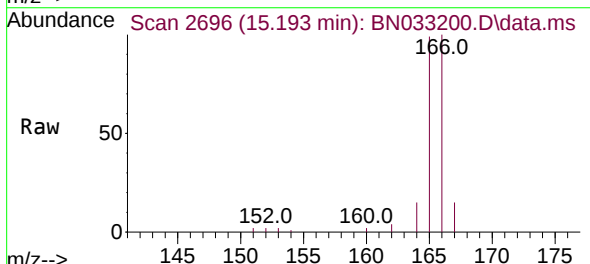
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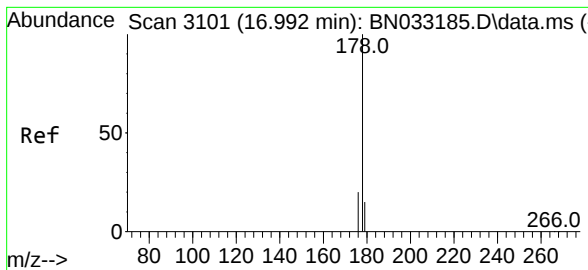
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#12
Fluorene
Concen: 0.425 ng/ul
RT: 15.193 min Scan# 2696
Delta R.T. -0.055 min
Lab File: BN033200.D
Acq: 02 Aug 2024 11:47

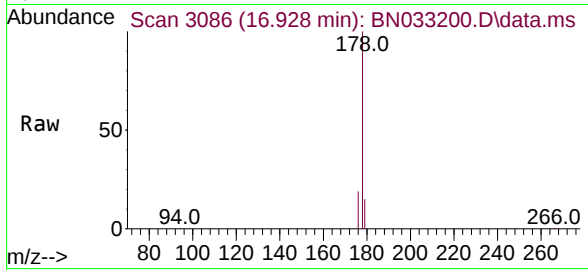
Tgt Ion:166 Resp: 8844
Ion Ratio Lower Upper
166 100
165 99.3 79.6 119.4
167 15.2 12.2 18.4





#15
 Phenanthrene
 Concen: 6.054 ng/ul
 RT: 16.928 min Scan# 3086
 Delta R.T. -0.055 min
 Lab File: BN033200.D
 Acq: 02 Aug 2024 11:47

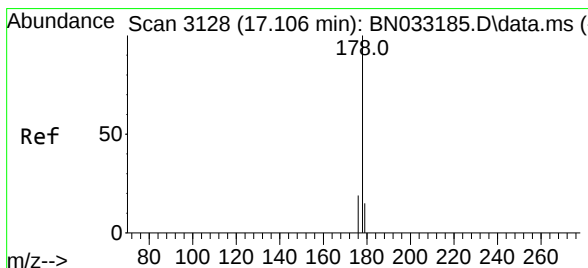
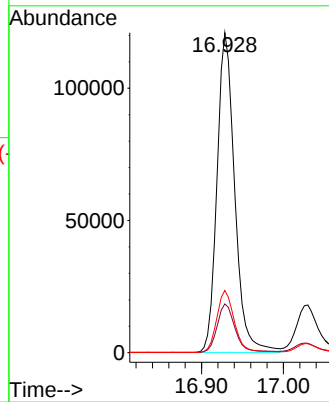
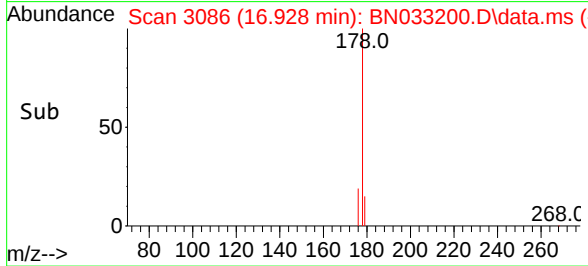
Instrument :
 BNA_N
 ClientSampleId :
 A4D22DL



Tgt Ion:178 Resp: 181210
 Ion Ratio Lower Upper
 178 100
 179 15.3 13.7 20.5
 176 19.4 15.9 23.9

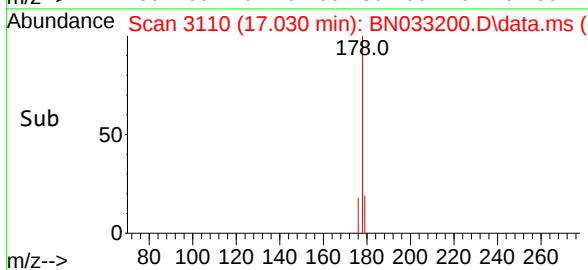
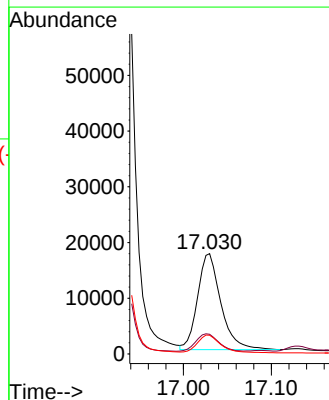
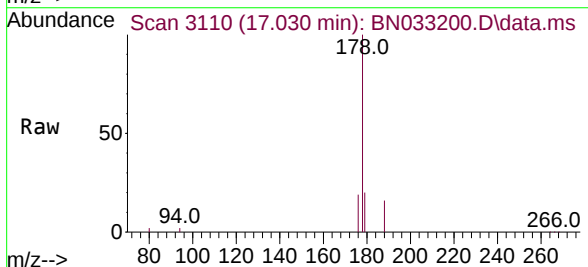
Manual Integrations
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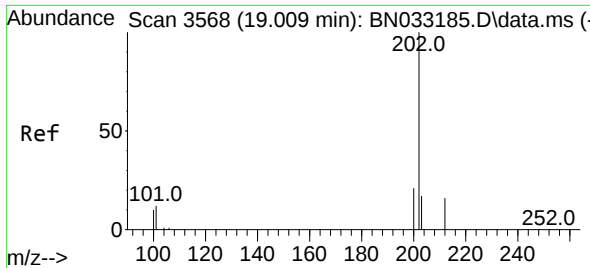
Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024



#16
 Anthracene
 Concen: 1.175 ng/ul
 RT: 17.030 min Scan# 3110
 Delta R.T. -0.059 min
 Lab File: BN033200.D
 Acq: 02 Aug 2024 11:47

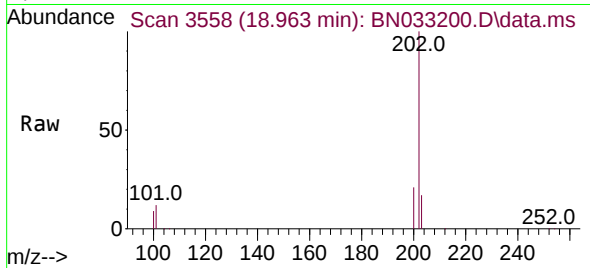
Tgt Ion:178 Resp: 31631
 Ion Ratio Lower Upper
 178 100
 179 19.7 14.3 21.5
 176 18.7 15.8 23.8





#19
Fluoranthene
Concen: 11.592 ng/ul
RT: 18.963 min Scan# 31
Delta R.T. -0.042 min
Lab File: BN033200.D
Acq: 02 Aug 2024 11:47

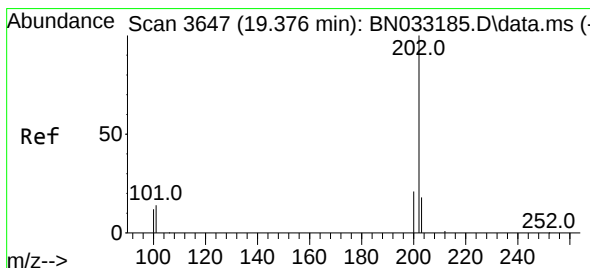
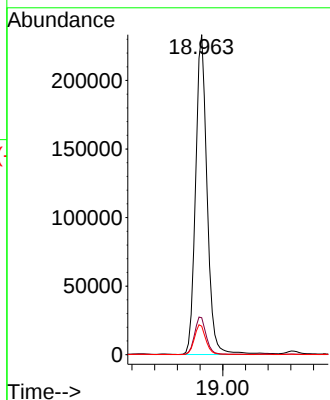
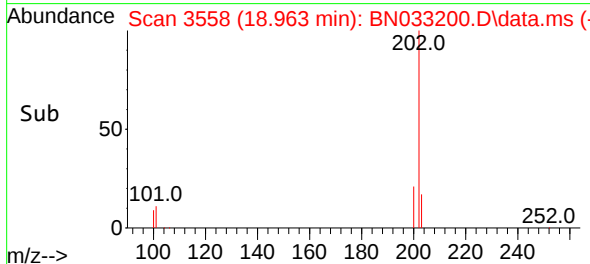
Instrument :
BNA_N
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A4D22DL



Tgt Ion:202 Resp: 326958
Ion Ratio Lower Upper
202 100
101 11.5 10.7 16.1
100 8.9 8.3 12.5

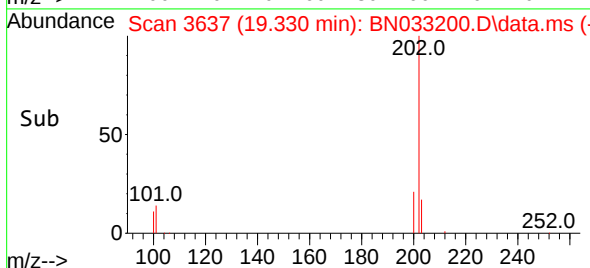
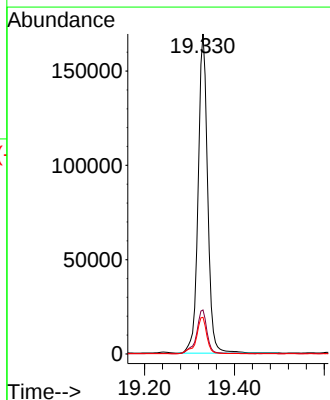
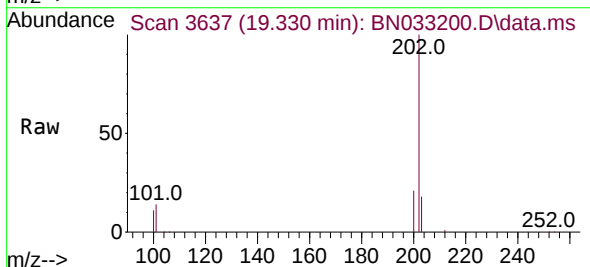
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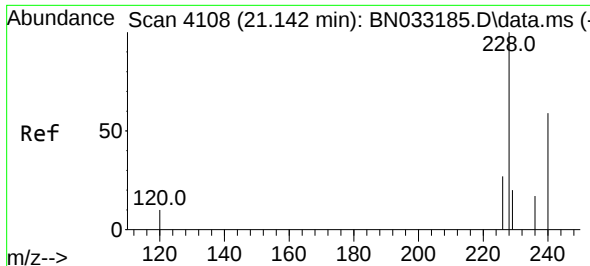
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#20
Pyrene
Concen: 8.225 ng/ul
RT: 19.330 min Scan# 3637
Delta R.T. -0.042 min
Lab File: BN033200.D
Acq: 02 Aug 2024 11:47

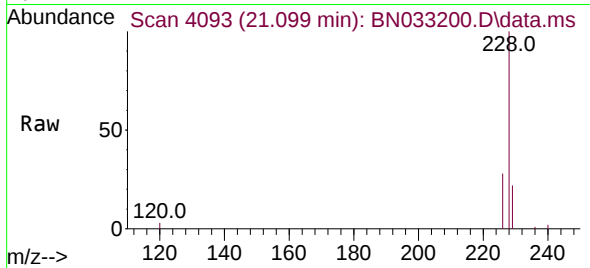
Tgt Ion:202 Resp: 248782
Ion Ratio Lower Upper
202 100
101 13.8 12.6 18.8
100 11.4 9.9 14.9





#21
Benzo(a)anthracene
Concen: 4.553 ng/ul
RT: 21.099 min Scan# 4109
Delta R.T. -0.038 min
Lab File: BN033200.D
Acq: 02 Aug 2024 11:47

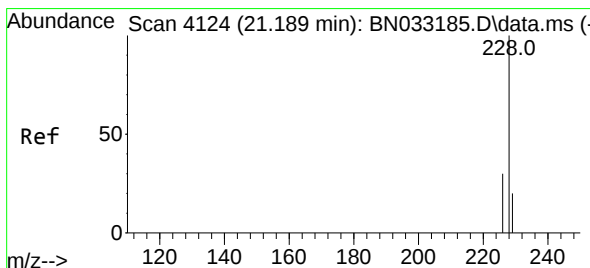
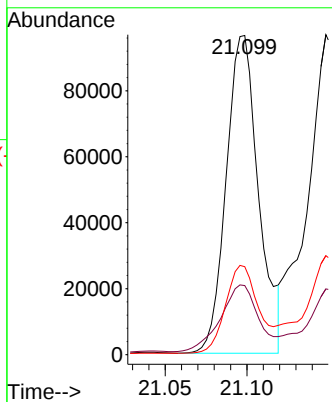
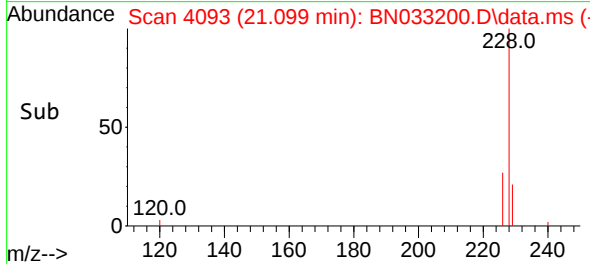
Instrument :
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A4D22DL



Tgt Ion:228 Resp: 133019
Ion Ratio Lower Upper
228 100
229 21.6 17.1 25.7
226 27.6 22.4 33.6

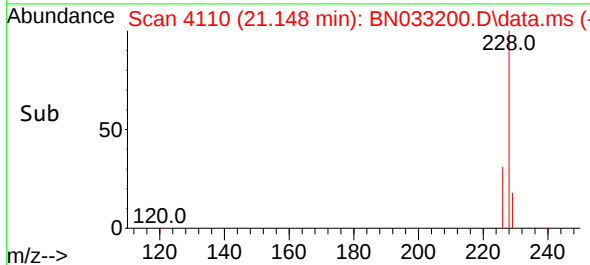
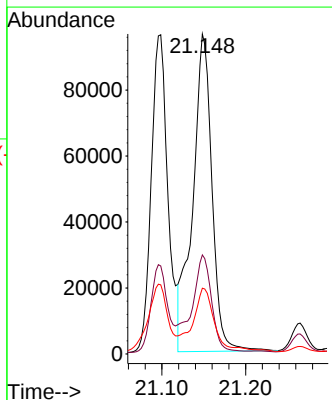
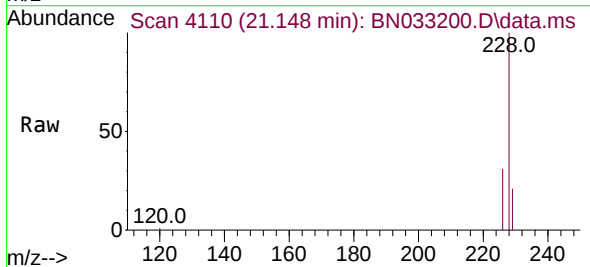
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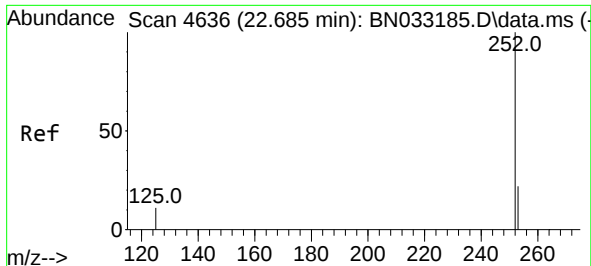
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#22
Chrysene
Concen: 4.517 ng/ul
RT: 21.148 min Scan# 4110
Delta R.T. -0.041 min
Lab File: BN033200.D
Acq: 02 Aug 2024 11:47

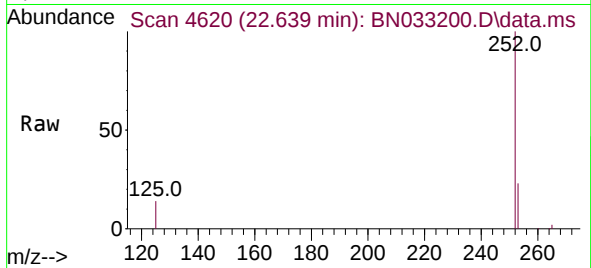
Tgt Ion:228 Resp: 154037
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 20.5 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 7.526 ng/ul m
RT: 22.639 min Scan# 4620
Delta R.T. -0.044 min
Lab File: BN033200.D
Acq: 02 Aug 2024 11:47

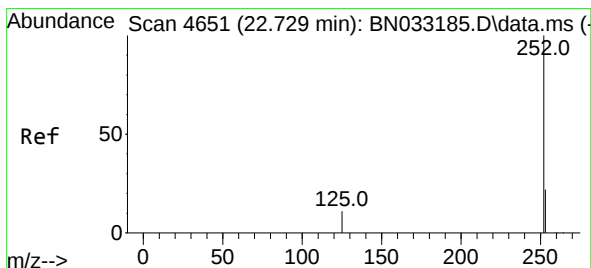
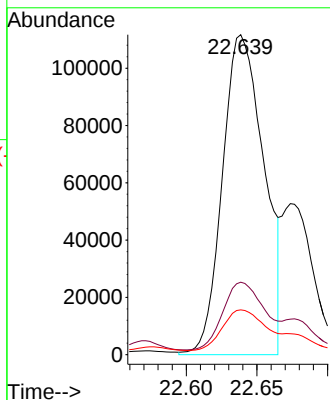
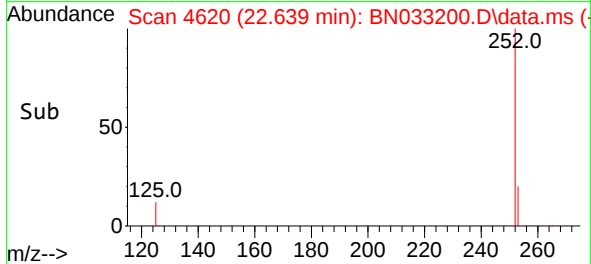
Instrument :
BNA_N
ClientSampleId :
A4D22DL



Tgt Ion:252 Resp: 228894
Ion Ratio Lower Upper
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253 22.7 0.0 60.6
125 14.0 0.0 51.0

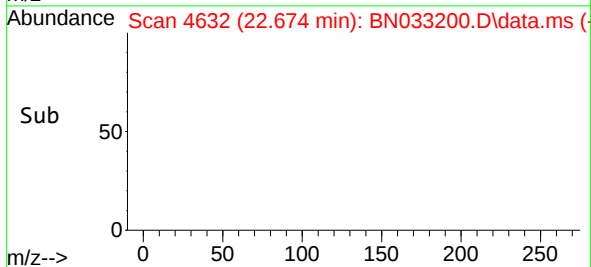
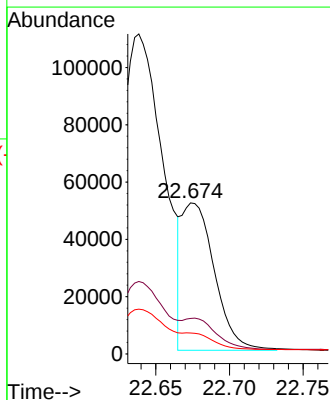
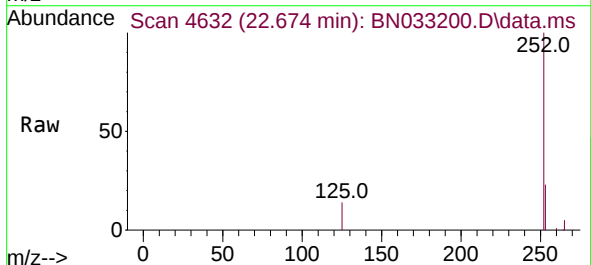
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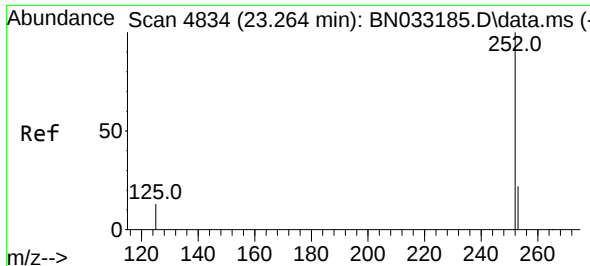
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#25
Benzo(k)fluoranthene
Concen: 2.171 ng/ul m
RT: 22.674 min Scan# 4632
Delta R.T. -0.052 min
Lab File: BN033200.D
Acq: 02 Aug 2024 11:47

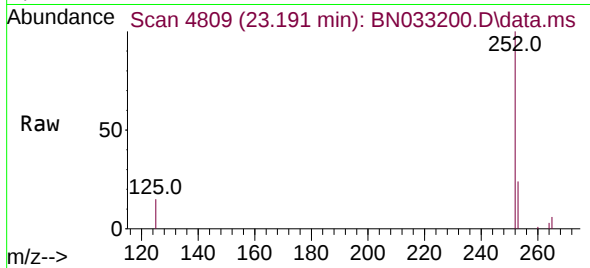
Tgt Ion:252 Resp: 79119
Ion Ratio Lower Upper
252 100
253 23.5 24.9 37.3#
125 13.9 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 3.472 ng/ul
RT: 23.191 min Scan# 4809
Delta R.T. -0.058 min
Lab File: BN033200.D
Acq: 02 Aug 2024 11:47

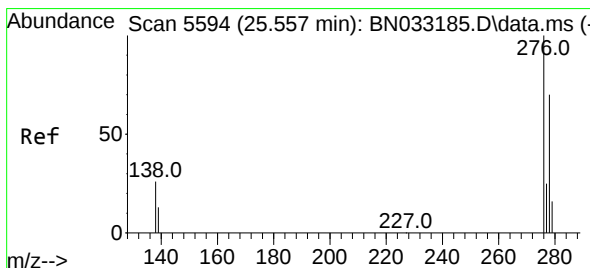
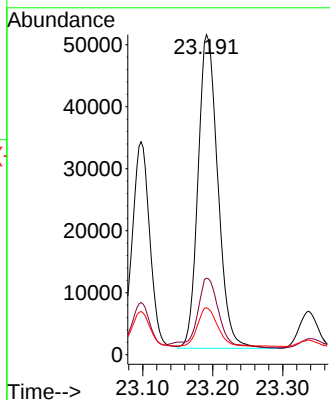
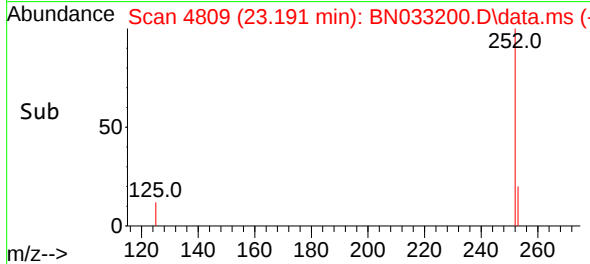
Instrument :
BNA_N
ClientSampleId :
A4D22DL



Tgt Ion:252 Resp: 9938
Ion Ratio Lower Upper
252 100
253 23.9 27.5 41.3
125 14.7 27.0 40.6

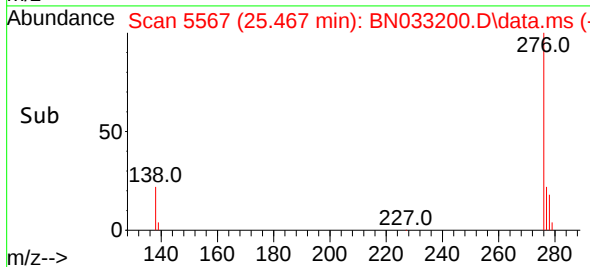
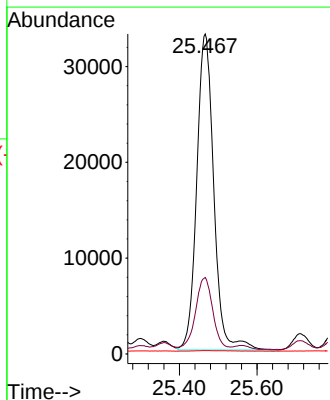
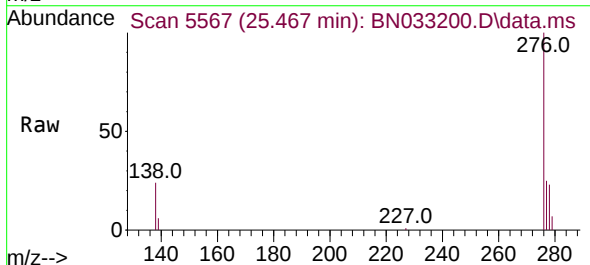
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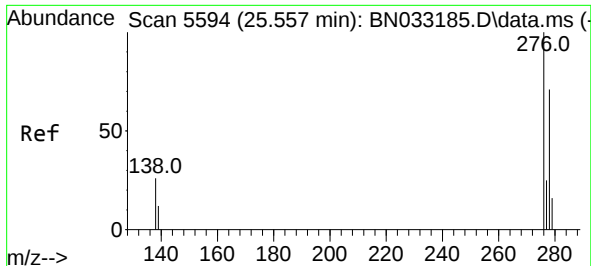
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.308 ng/ul
RT: 25.467 min Scan# 5567
Delta R.T. -0.074 min
Lab File: BN033200.D
Acq: 02 Aug 2024 11:47

Tgt Ion:276 Resp: 100475
Ion Ratio Lower Upper
276 100
138 22.2 21.8 32.8
227 0.3 0.2 0.2





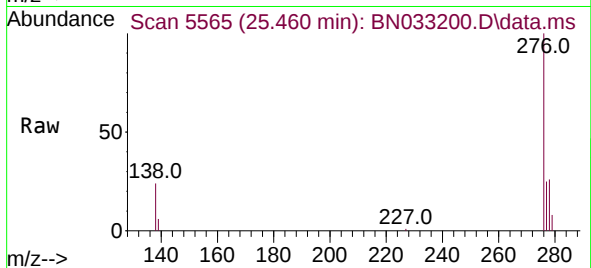
#28
Dibenzo(a,h)anthracene
Concen: 0.785 ng/ul
RT: 25.460 min Scan# 51
Delta R.T. -0.080 min
Lab File: BN033200.D
Acq: 02 Aug 2024 11:47

Instrument :

BNA_N

ClientSampleId :

A4D22DL

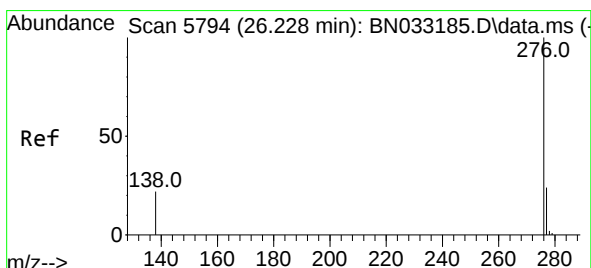
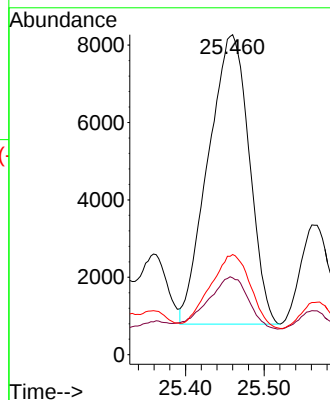
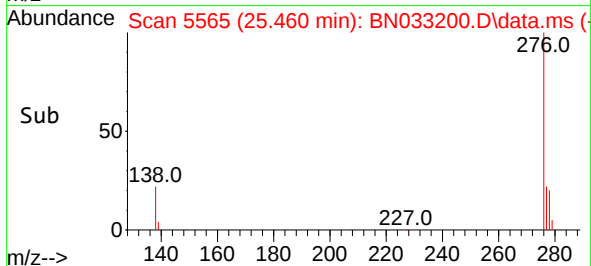


Tgt Ion:278 Resp: 2709
Ion Ratio Lower Upper
278 100
139 24.0 22.5 33.7
279 31.3 25.5 38.3

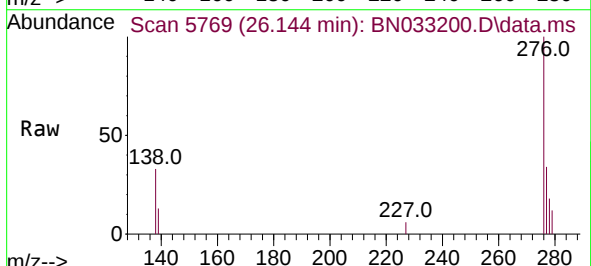
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#29
Benzo(g,h,i)perylene
Concen: 0.455 ng/ul
RT: 26.144 min Scan# 5769
Delta R.T. -0.074 min
Lab File: BN033200.D
Acq: 02 Aug 2024 11:47



Tgt Ion:276 Resp: 15732
Ion Ratio Lower Upper
276 100
138 33.1 24.6 37.0
277 33.8 22.6 34.0

