

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032373.D
 Acq On : 01 Jul 2024 21:56
 Operator : MA/JU
 Sample : P2934-12DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP8DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 01 23:46:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	8262	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	24345	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.253	164	12507	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.008	188	21540	0.400	ng/ul	-0.02
17) Chrysene-d12	21.214	240	17829	0.400	ng/ul	-0.01
23) Perylene-d12	23.430	264	21606	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	6900	0.751	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	1777	0.049	ng/ul	-0.01
18) Fluoranthene-d10	19.045	212	2969	0.055	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.437	128	1376	0.021	ng/ul#	74
10) Acenaphthylene	13.976	152	2204	0.042	ng/ul#	86
11) Acenaphthene	14.318	153	3034	0.075	ng/ul	96
12) Fluorene	15.313	166	3793	0.079	ng/ul#	98
15) Phenanthrene	17.050	178	71736	1.215	ng/ul	99
16) Anthracene	17.143	178	17736	0.337	ng/ul	97
19) Fluoranthene	19.078	202	123388	1.817	ng/ul	100
20) Pyrene	19.440	202	84012	1.184	ng/ul	99
21) Benzo(a)anthracene	21.197	228	56872	0.884	ng/ul	97
22) Chrysene	21.250	228	50757	0.719	ng/ul	96
24) Benzo(b)fluoranthene	22.763	252	67173m	0.716	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	24541m	0.269	ng/ul	
26) Benzo(a)pyrene	23.330	252	25131	0.385	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.663	276	21170	0.207	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.670	278	7720	0.102	ng/ul#	56
29) Benzo(g,h,i)perylene	26.354	276	3257	0.040	ng/ul#	37

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

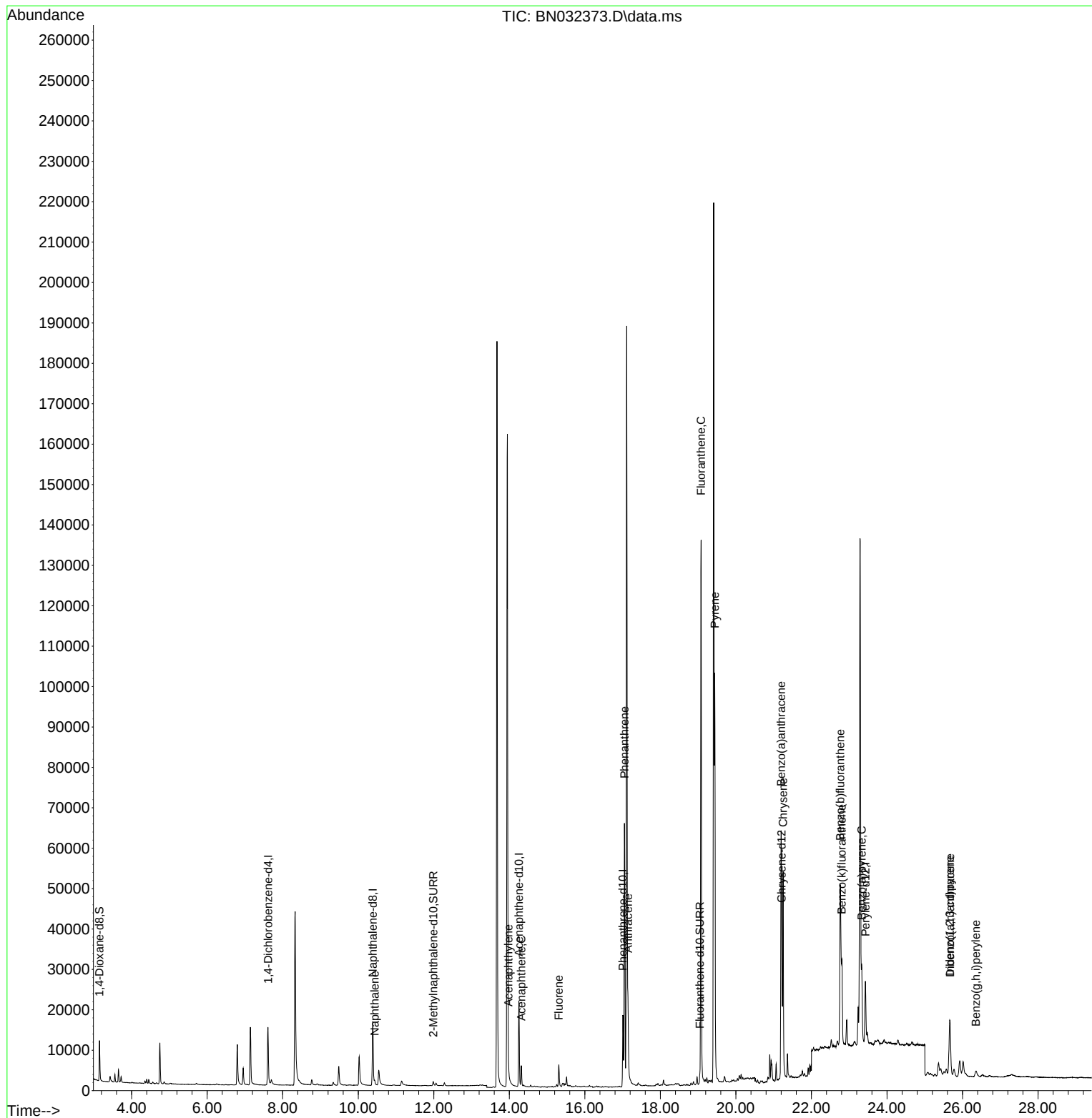
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032373.D
Acq On : 01 Jul 2024 21:56
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ALS Vial : 18 Sample Multiplier: 1

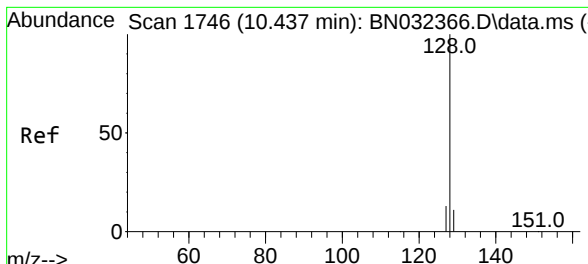
Instrument :
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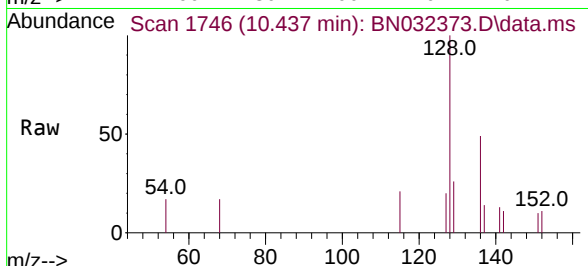
Quant Time: Jul 01 23:46:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.437 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BN032373.D
Acq: 01 Jul 2024 21:56

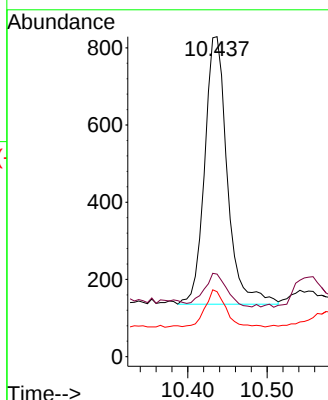
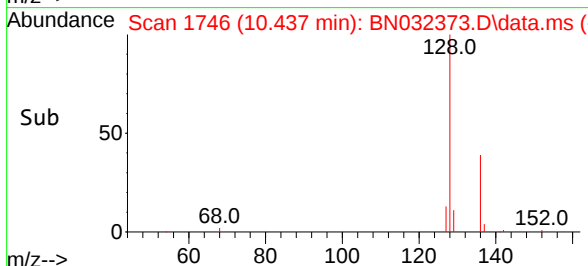
Instrument :
BNA_N
ClientSampleId :
A4CP8DL



Tgt Ion:128 Resp: 1370
Ion Ratio Lower Upper
128 100
129 25.8 9.2 13.8#
127 20.3 10.8 16.2#

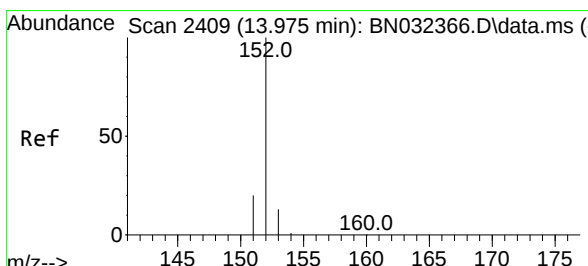
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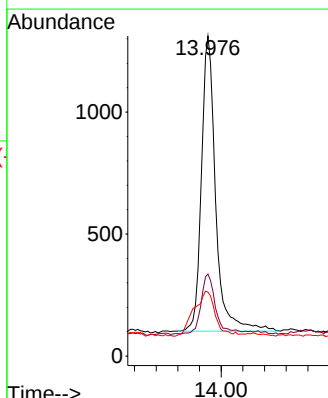
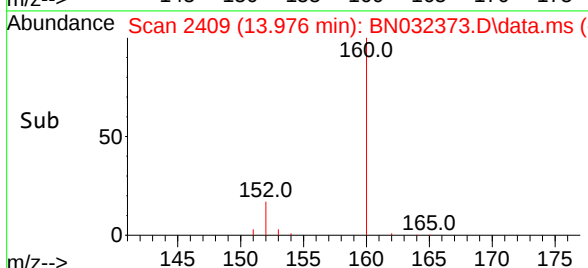
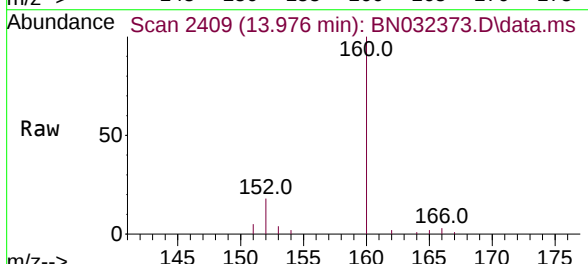
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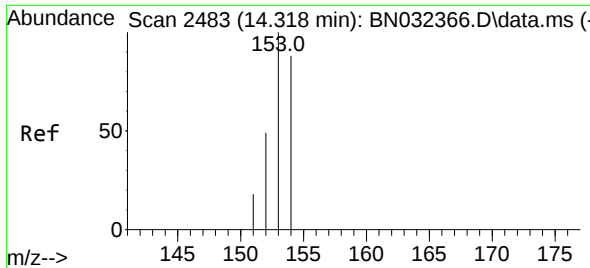
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#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 13.976 min Scan# 2409
Delta R.T. -0.014 min
Lab File: BN032373.D
Acq: 01 Jul 2024 21:56

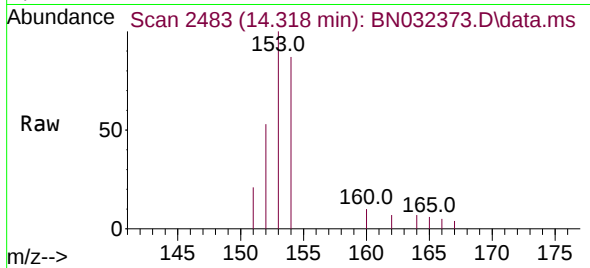
Tgt Ion:152 Resp: 2204
Ion Ratio Lower Upper
152 100
151 25.6 15.7 23.5#
153 20.0 10.9 16.3#





#11
Acenaphthene
Concen: 0.075 ng/uI
RT: 14.318 min Scan# 2483
Delta R.T. -0.014 min
Lab File: BN032373.D
Acq: 01 Jul 2024 21:56

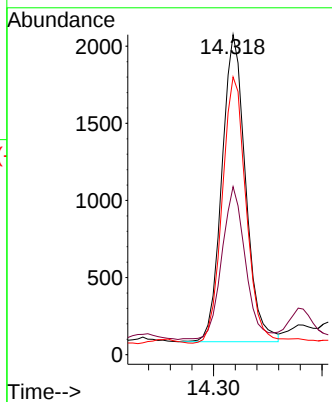
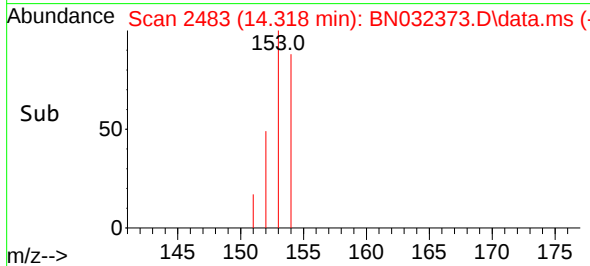
Instrument :
BNA_N
ClientSampleId :
A4CP8DL



Tgt Ion:153 Resp: 3034
Ion Ratio Lower Upper
153 100
152 52.5 39.5 59.3
154 86.8 71.7 107.5

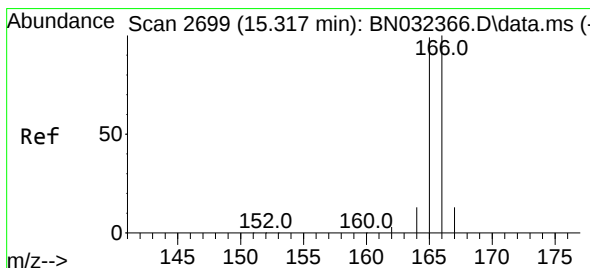
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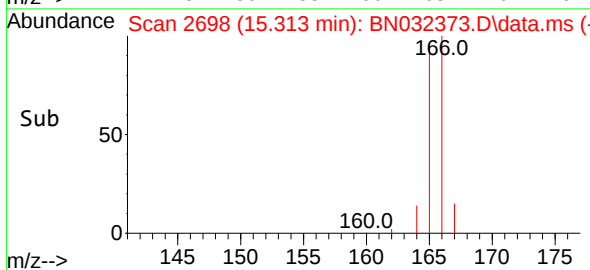
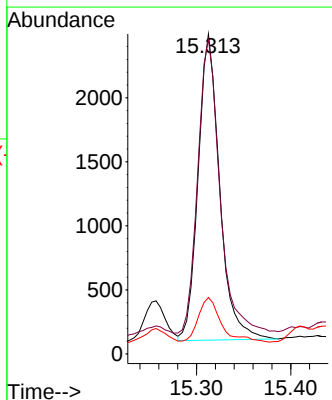
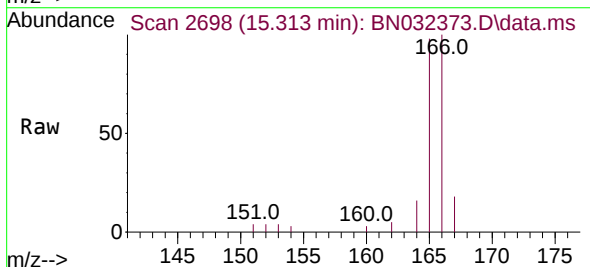
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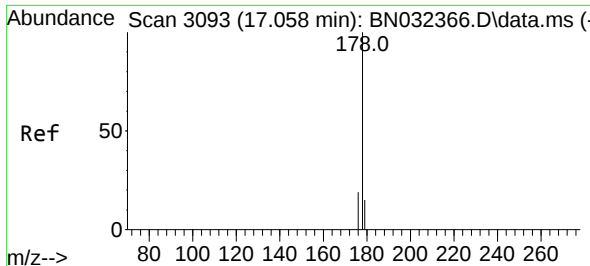
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#12
Fluorene
Concen: 0.079 ng/uI
RT: 15.313 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032373.D
Acq: 01 Jul 2024 21:56

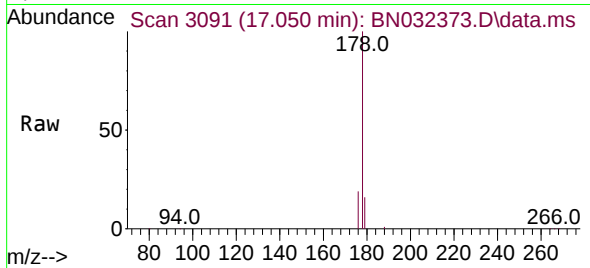
Tgt Ion:166 Resp: 3793
Ion Ratio Lower Upper
166 100
165 98.3 79.0 118.6
167 17.7 11.0 16.6#





#15
Phenanthrene
Concen: 1.215 ng/u1
RT: 17.050 min Scan# 3093
Delta R.T. -0.017 min
Lab File: BN032373.D
Acq: 01 Jul 2024 21:56

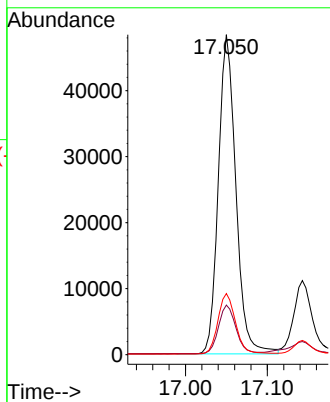
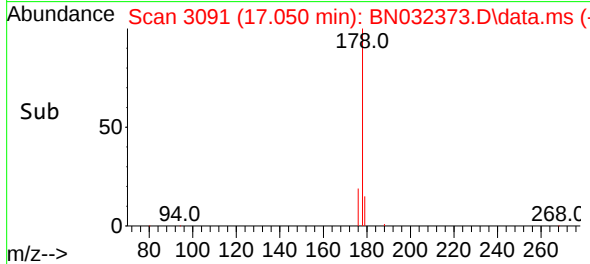
Instrument :
BNA_N
ClientSampleId :
A4CP8DL



Tgt Ion:178 Resp: 71736
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.1 15.6 23.4

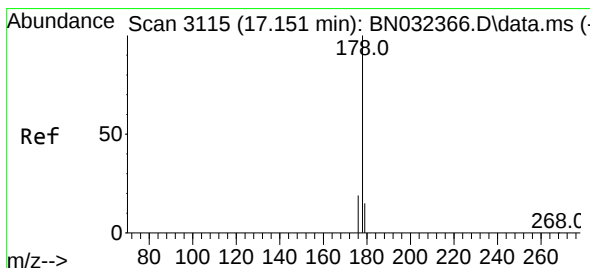
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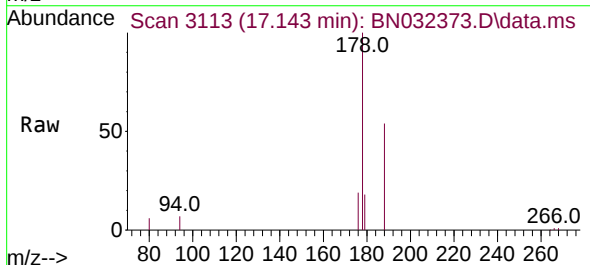


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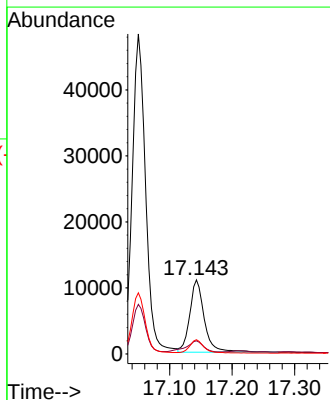
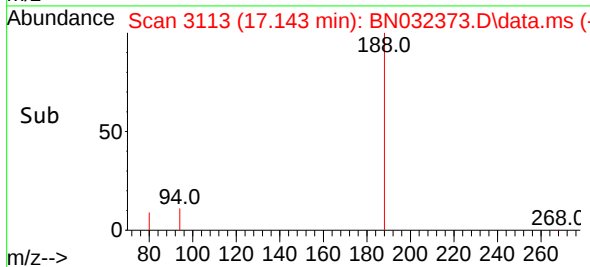
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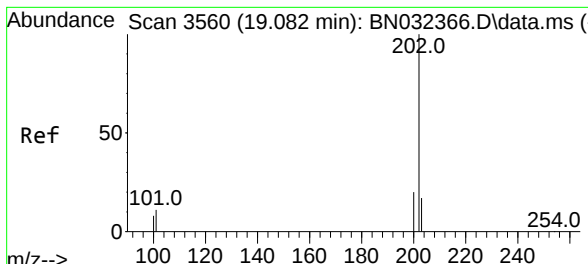


#16
Anthracene
Concen: 0.337 ng/u1
RT: 17.143 min Scan# 3113
Delta R.T. -0.017 min
Lab File: BN032373.D
Acq: 01 Jul 2024 21:56



Tgt Ion:178 Resp: 17736
Ion Ratio Lower Upper
178 100
179 17.8 12.5 18.7
176 19.3 15.0 22.6



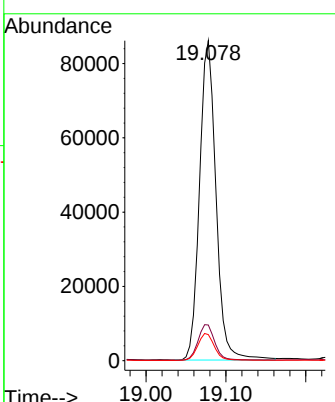
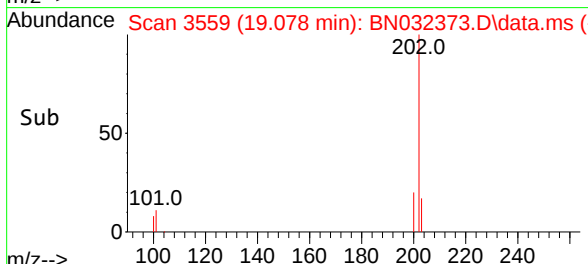
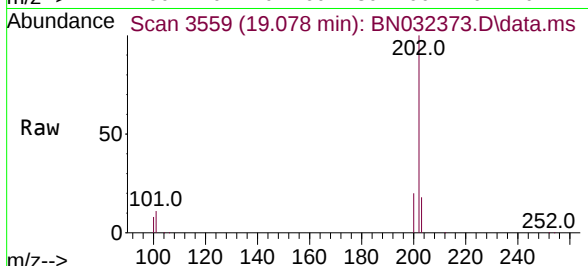


#19
 Fluoranthene
 Concen: 1.817 ng/ul
 RT: 19.078 min Scan# 3560
 Delta R.T. -0.014 min
 Lab File: BN032373.D
 Acq: 01 Jul 2024 21:56

Instrument : BNA_N
 ClientSampleId : A4CP8DL

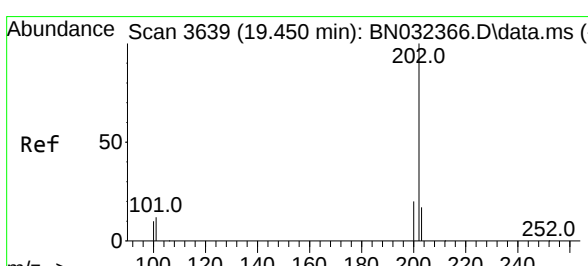
Tgt Ion:	202	Resp:	12338
Ion Ratio	Lower	Upper	
202	100		
101	11.2	8.8	13.2
100	8.2	6.4	9.6

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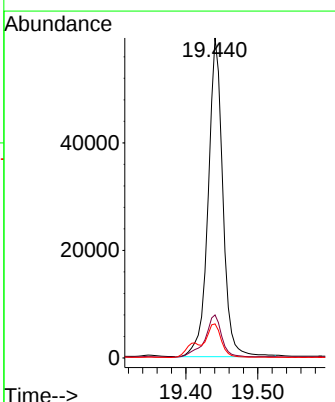
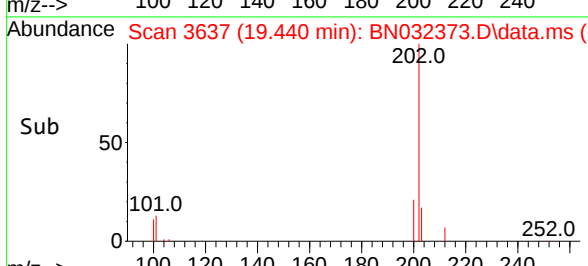
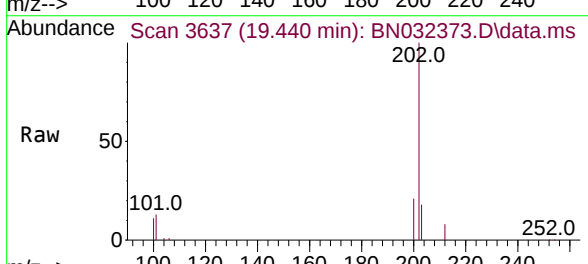
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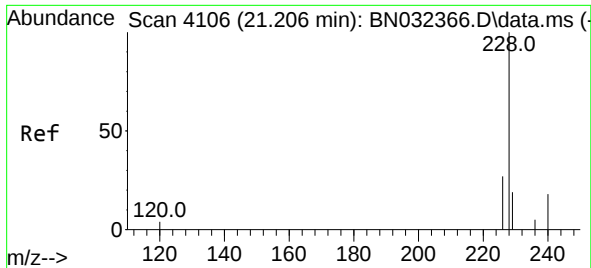
07/04/2024



#20
 Pyrene
 Concen: 1.184 ng/ul
 RT: 19.440 min Scan# 3637
 Delta R.T. -0.014 min
 Lab File: BN032373.D
 Acq: 01 Jul 2024 21:56

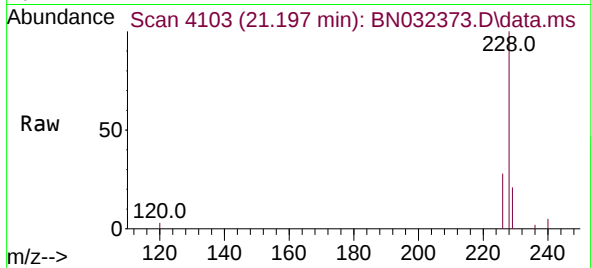
Tgt Ion:	202	Resp:	84012
Ion Ratio	Lower	Upper	
202	100		
101	13.4	11.0	16.4
100	10.6	8.7	13.1





#21
Benzo(a)anthracene
Concen: 0.884 ng/u1
RT: 21.197 min Scan# 4106
Delta R.T. -0.018 min
Lab File: BN032373.D
Acq: 01 Jul 2024 21:56

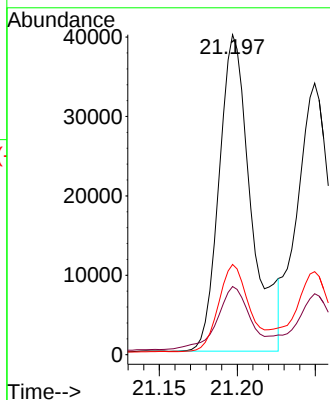
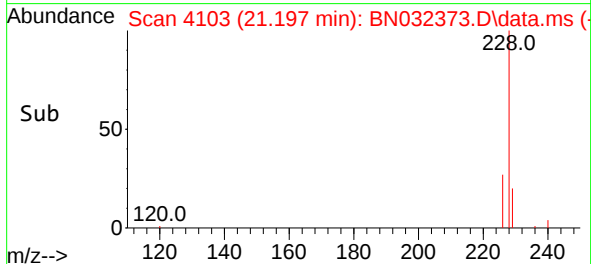
Instrument :
BNA_N
ClientSampleId :
A4CP8DL



Tgt Ion:228 Resp: 56872
Ion Ratio Lower Upper
228 100
229 21.3 15.7 23.5
226 28.2 21.8 32.8

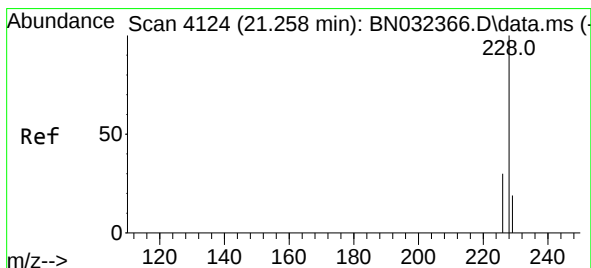
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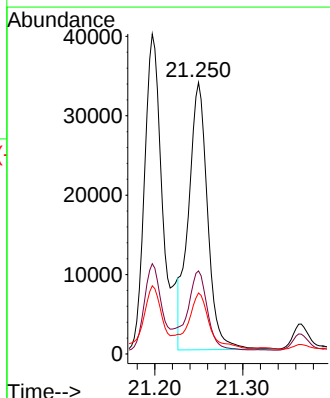
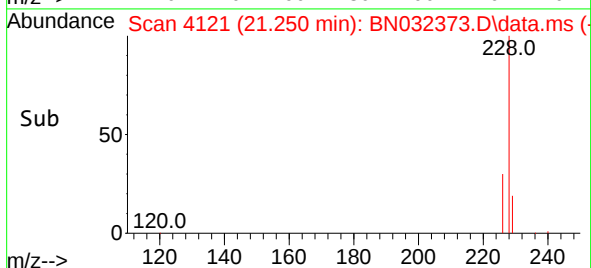
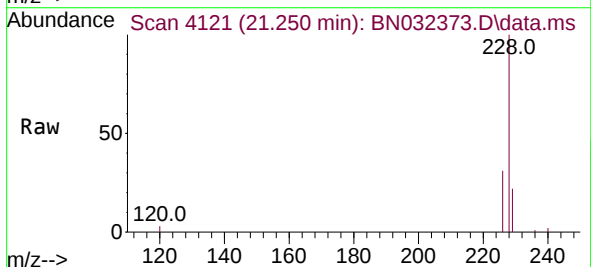
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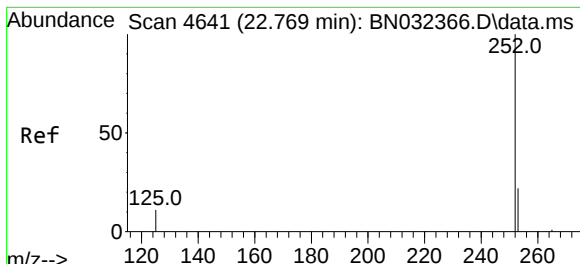
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#22
Chrysene
Concen: 0.719 ng/u1
RT: 21.250 min Scan# 4121
Delta R.T. -0.018 min
Lab File: BN032373.D
Acq: 01 Jul 2024 21:56

Tgt Ion:228 Resp: 50757
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 22.5 15.7 23.5





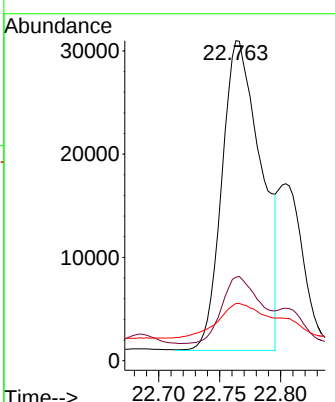
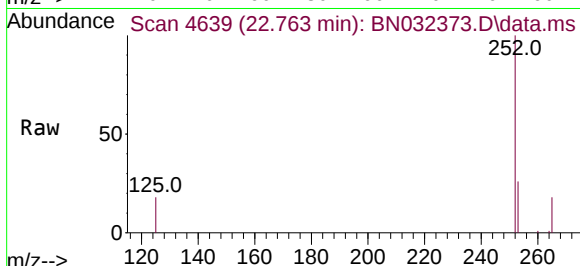
#24
 Benzo(b)fluoranthene
 Concen: 0.716 ng/ul m
 RT: 22.763 min Scan# 4639
 Delta R.T. -0.020 min
 Lab File: BN032373.D
 Acq: 01 Jul 2024 21:56

Instrument : BNA_N
 ClientSampleId : A4CP8DL

Tgt Ion:252 Resp: 6717

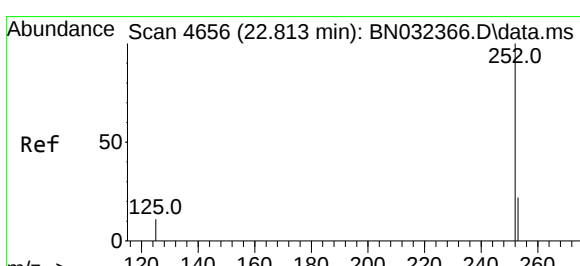
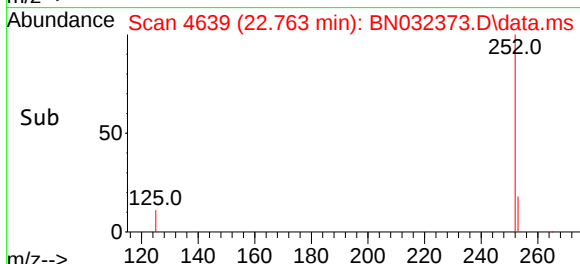
Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	50.2
125	17.9	0.0	32.0

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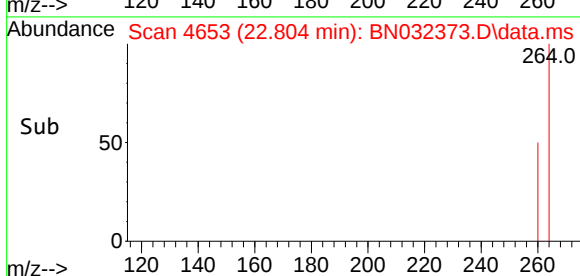
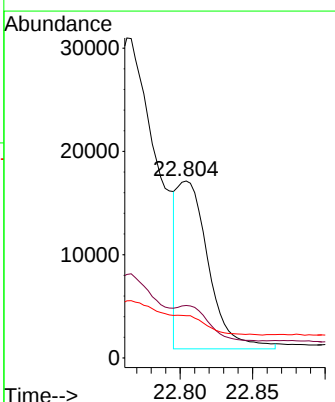
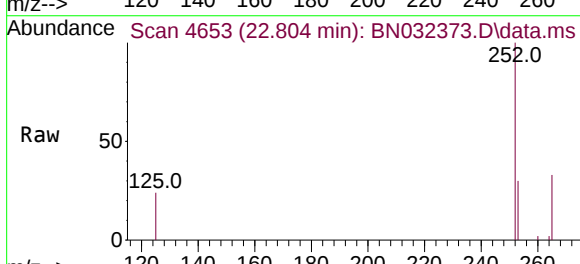
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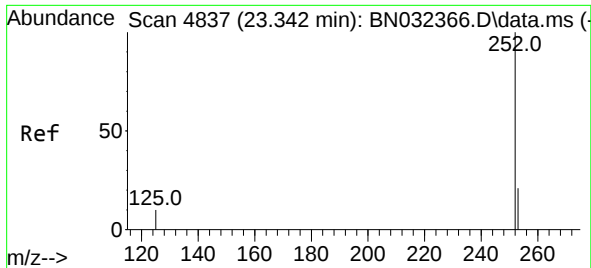


#25
 Benzo(k)fluoranthene
 Concen: 0.269 ng/ul m
 RT: 22.804 min Scan# 4653
 Delta R.T. -0.023 min
 Lab File: BN032373.D
 Acq: 01 Jul 2024 21:56

Tgt Ion:252 Resp: 24541

Ion	Ratio	Lower	Upper
252	100		
253	29.7	20.3	30.5
125	23.9	12.8	19.2





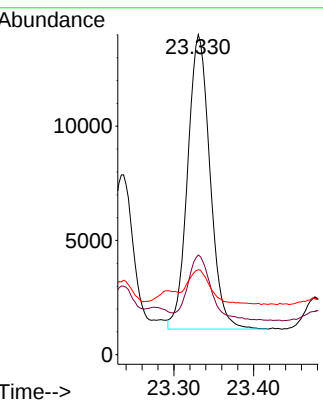
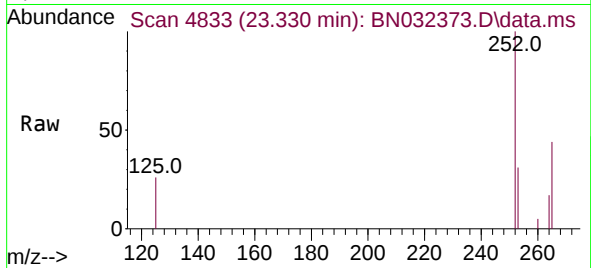
#26
Benzo(a)pyrene
Concen: 0.385 ng/ul
RT: 23.330 min Scan# 4837
Delta R.T. -0.029 min
Lab File: BN032373.D
Acq: 01 Jul 2024 21:56

Instrument :
BNA_N
ClientSampleId :
A4CP8DL

Tgt Ion:	252	Resp:	2513
Ion Ratio	Lower	Upper	
252	100		
253	31.1	22.2	33.2
125	26.5	16.4	24.6

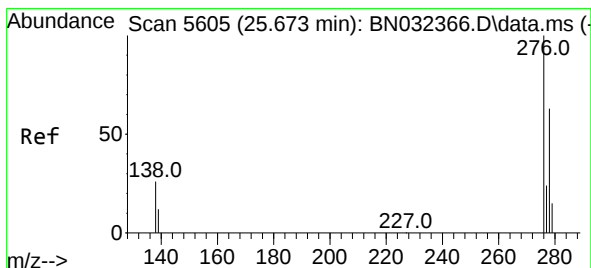
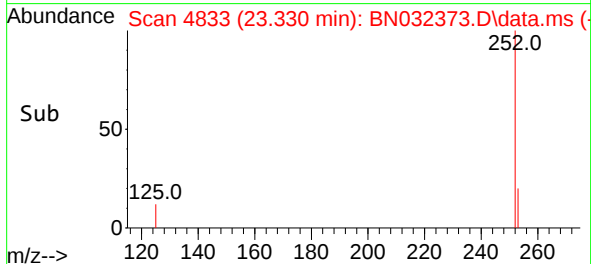
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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



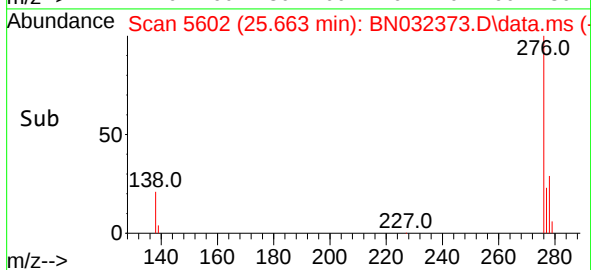
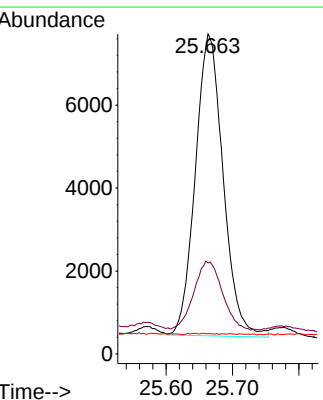
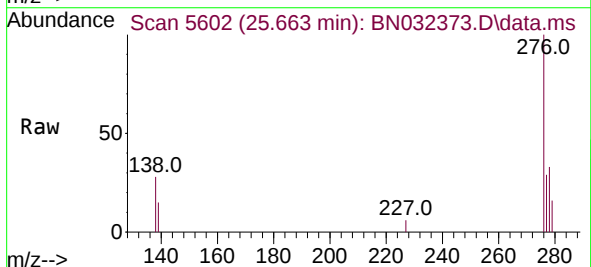
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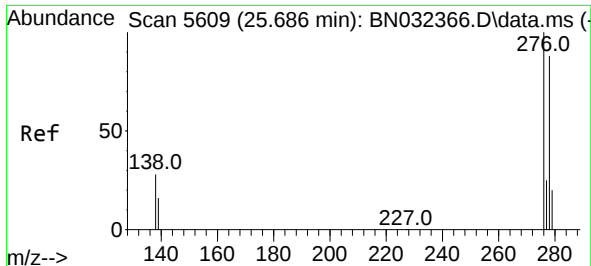
07/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.207 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. -0.037 min
Lab File: BN032373.D
Acq: 01 Jul 2024 21:56

Tgt Ion:	276	Resp:	21170
Ion Ratio	Lower	Upper	
276	100		
138	23.7	21.3	31.9
227	0.1	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.102 ng/ul
RT: 25.670 min Scan# 50
Delta R.T. -0.040 min
Lab File: BN032373.D
Acq: 01 Jul 2024 21:56

Instrument :

BNA_N

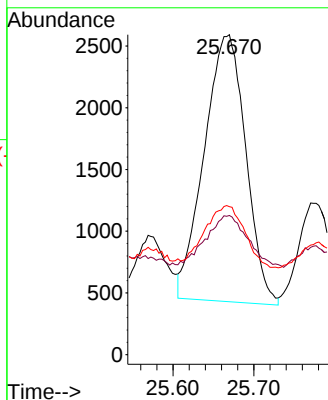
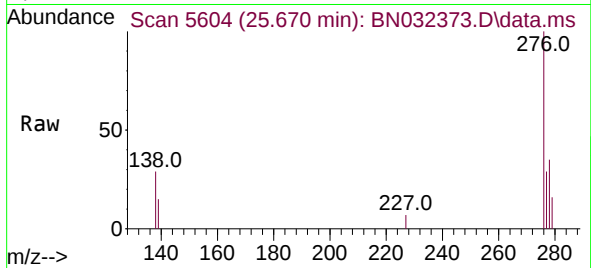
ClientSampleId :

A4CP8DL

Tgt Ion:278 Resp: 7720
Ion Ratio Lower Upper
278 100
139 43.5 15.9 23.9#
279 46.3 21.1 31.7#

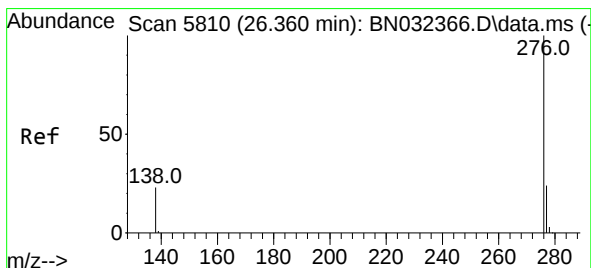
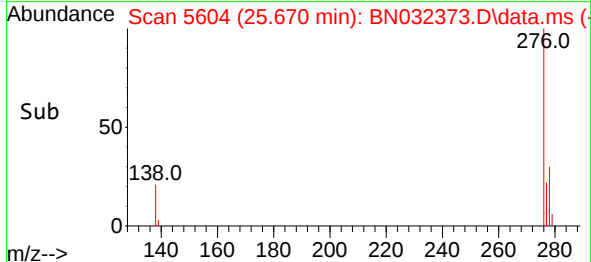
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
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07/02/2024
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ahmed

07/04/2024



#29
Benzo(g,h,i)perylene
Concen: 0.040 ng/ul
RT: 26.354 min Scan# 5808
Delta R.T. -0.027 min
Lab File: BN032373.D
Acq: 01 Jul 2024 21:56

Tgt Ion:276 Resp: 3257
Ion Ratio Lower Upper
276 100
138 58.5 19.8 29.6#
277 54.0 19.8 29.6#

