

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032409.D
 Acq On : 02 Jul 2024 20:12
 Operator : MA/JU
 Sample : P2871-04DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C52DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 23:56:11 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	7.603	152	7542	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.382	136	21049	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	11334	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.007	188	21892	0.400	ng/ul	-0.02
17) Chrysene-d12	21.211	240	20360	0.400	ng/ul	#-0.01
23) Perylene-d12	23.427	264	24619	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	7692	0.918	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	1946	0.062	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	3871	0.063	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.431	128	1137	0.020	ng/ul#	72
10) Acenaphthylene	13.971	152	3017	0.064	ng/ul#	89
11) Acenaphthene	14.313	153	1042	0.028	ng/ul	95
12) Fluorene	15.308	166	1269	0.029	ng/ul#	91
14) Pentachlorophenol	16.674	266	103	0.021	ng/ul#	86
15) Phenanthrene	17.050	178	23647	0.394	ng/ul	99
16) Anthracene	17.143	178	5701	0.106	ng/ul#	92
19) Fluoranthene	19.073	202	49663	0.641	ng/ul	97
20) Pyrene	19.440	202	40727	0.503	ng/ul	100
21) Benzo(a)anthracene	21.194	228	26747	0.364	ng/ul	95
22) Chrysene	21.249	228	25844m	0.320	ng/ul	
24) Benzo(b)fluoranthene	22.763	252	36091m	0.337	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	15070m	0.145	ng/ul	
26) Benzo(a)pyrene	23.330	252	18467	0.248	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.663	276	17189	0.148	ng/ul	91
28) Dibenzo(a,h)anthracene	25.663	278	4886	0.056	ng/ul#	1
29) Benzo(g,h,i)perylene	26.350	276	3872	0.042	ng/ul#	22

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

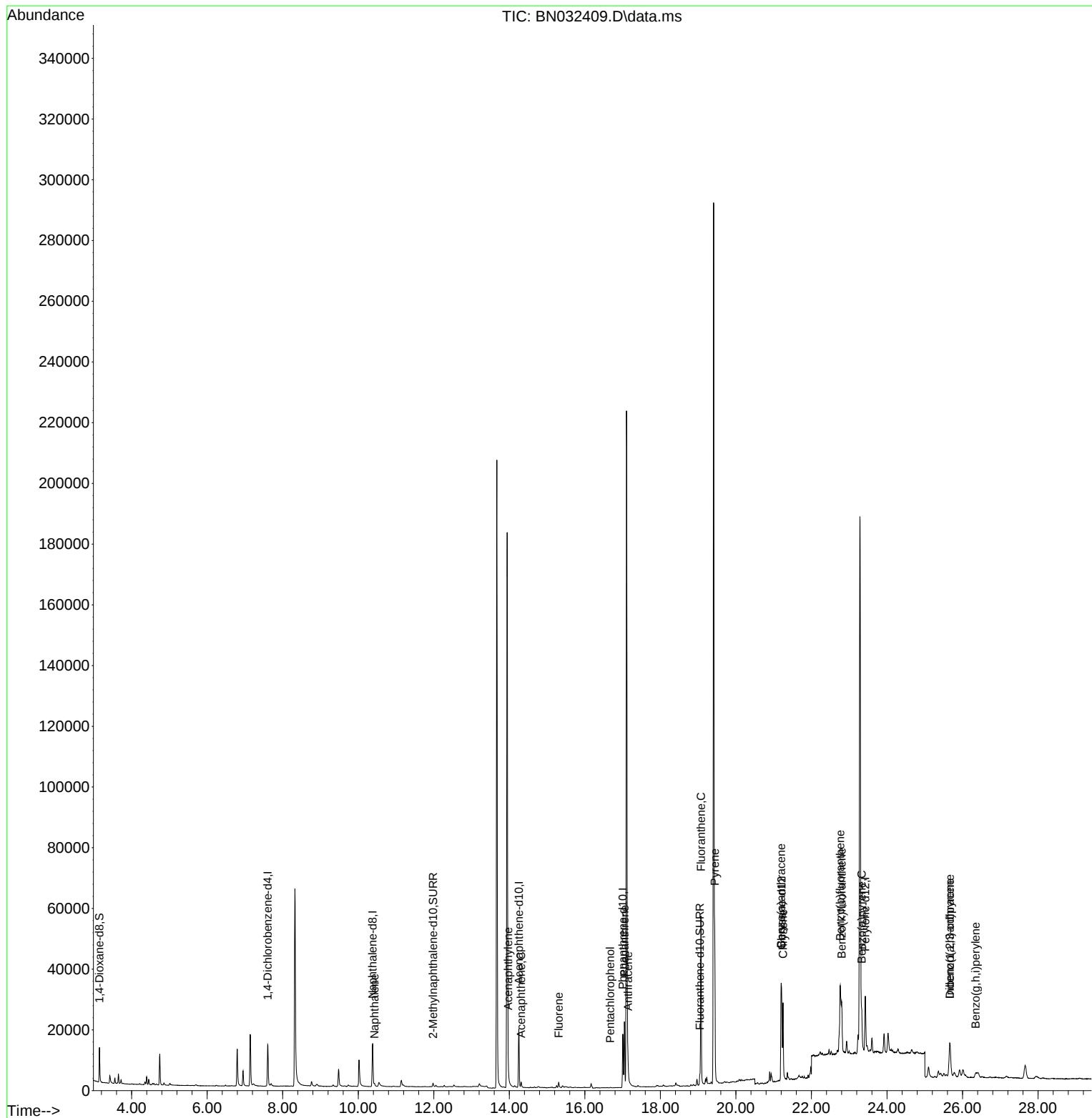
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032409.D
Acq On : 02 Jul 2024 20:12
Operator : MA/JU
Sample : P2871-04DL 5X
Misc :
ALS Vial : 56 Sample Multiplier: 1

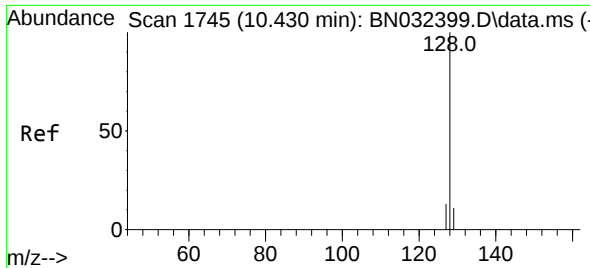
Instrument :
BNA_N
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A4C52DL

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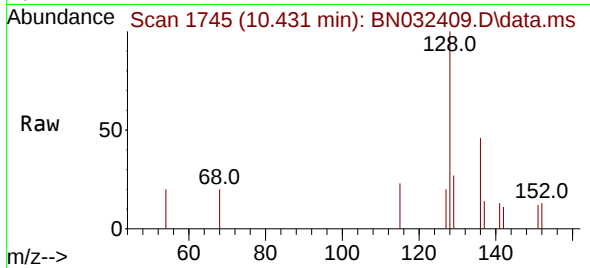
Quant Time: Jul 02 23:56:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.020 ng/u1
RT: 10.431 min Scan# 11
Delta R.T. -0.017 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12

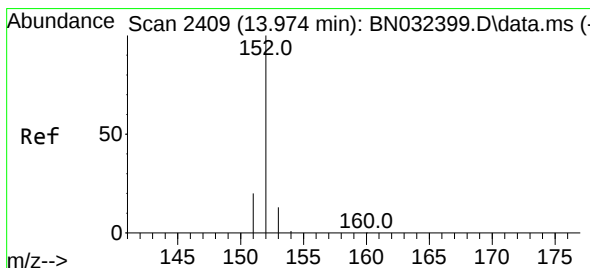
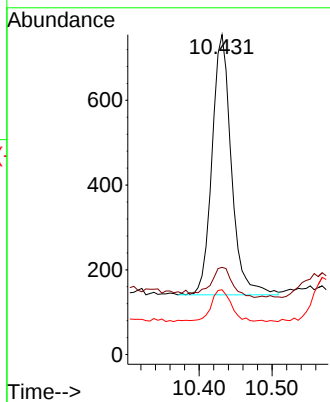
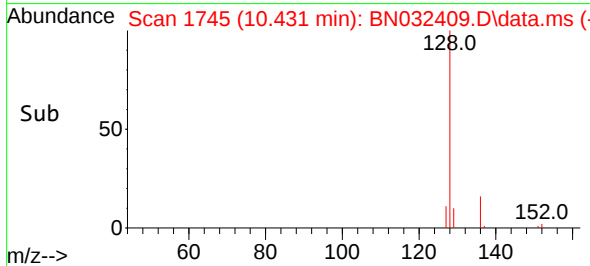
Instrument :
BNA_N
ClientSampleId :
A4C52DL



Tgt Ion:128 Resp: 113
Ion Ratio Lower Upper
128 100
129 27.3 9.2 13.8#
127 20.3 10.8 16.2#

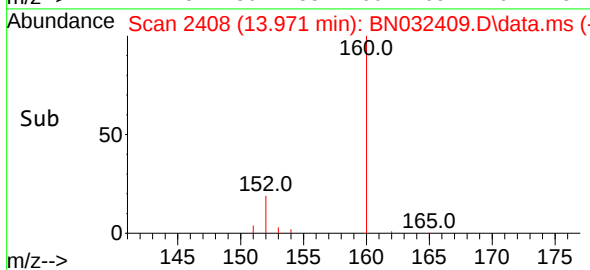
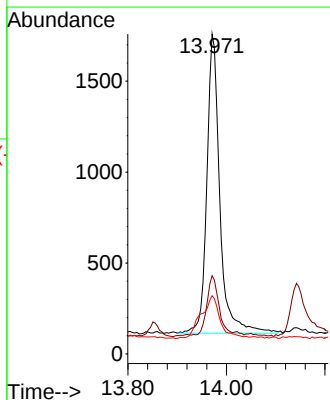
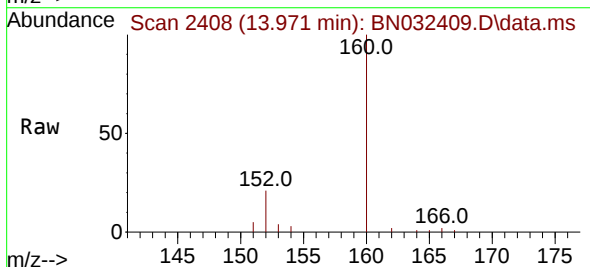
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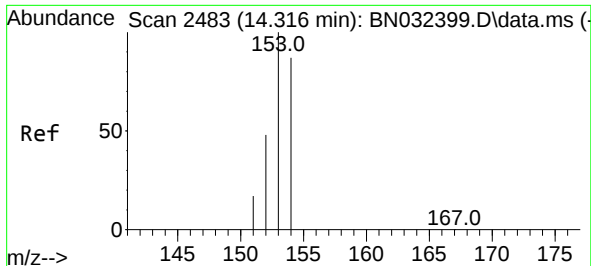
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.064 ng/u1
RT: 13.971 min Scan# 2408
Delta R.T. -0.019 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12

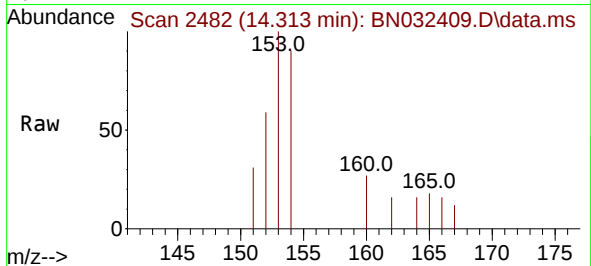
Tgt Ion:152 Resp: 3017
Ion Ratio Lower Upper
152 100
151 24.4 15.7 23.5#
153 18.2 10.9 16.3#





#11
Acenaphthene
Concen: 0.028 ng/u1
RT: 14.313 min Scan# 2482
Delta R.T. -0.019 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12

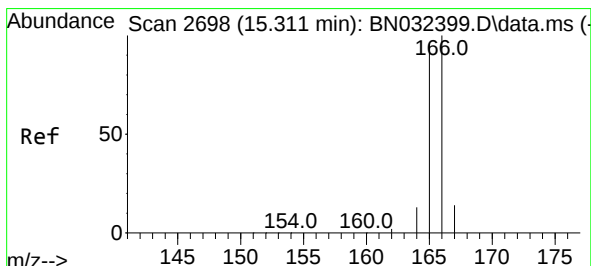
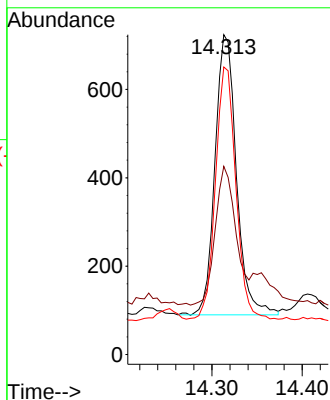
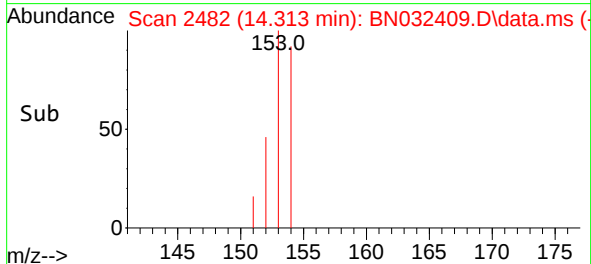
Instrument :
BNA_N
ClientSampleId :
A4C52DL



Tgt Ion:153 Resp: 104
Ion Ratio Lower Upper
153 100
152 58.8 39.5 59.3
154 89.9 71.7 107.5

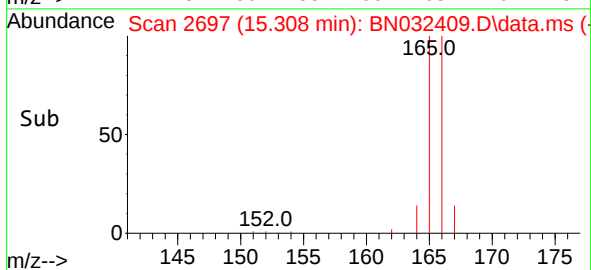
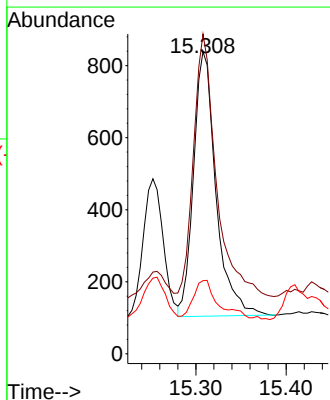
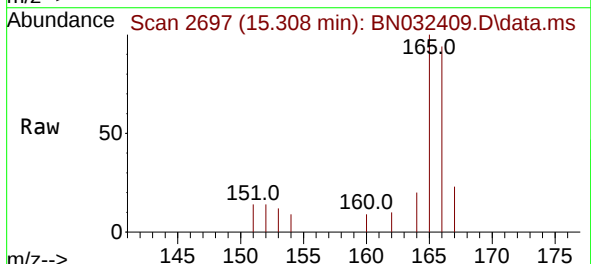
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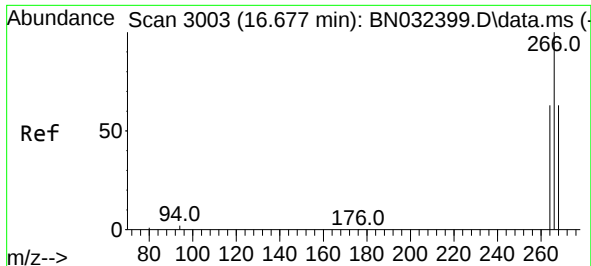
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.029 ng/u1
RT: 15.308 min Scan# 2697
Delta R.T. -0.019 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12

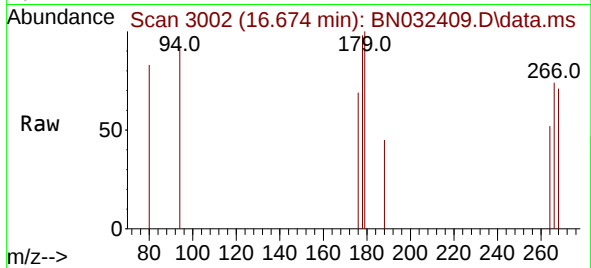
Tgt Ion:166 Resp: 1269
Ion Ratio Lower Upper
166 100
165 105.8 79.0 118.6
167 24.2 11.0 16.6#





#14
Pentachlorophenol
Concen: 0.021 ng/ul
RT: 16.674 min Scan# 3002
Delta R.T. -0.025 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12

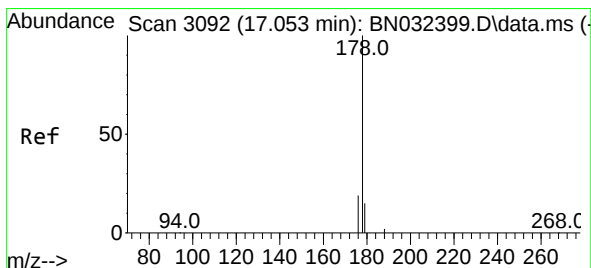
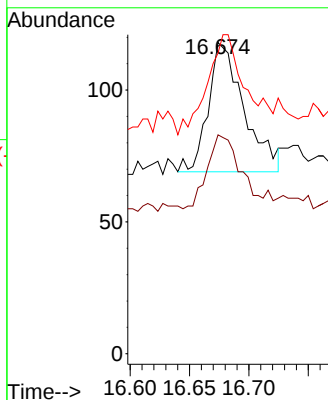
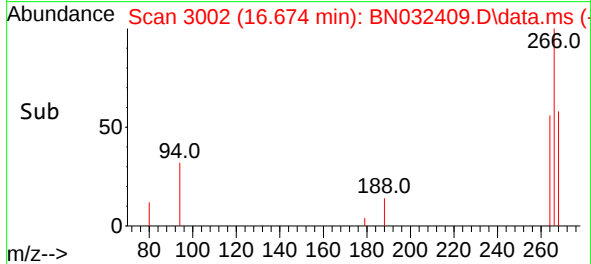
Instrument :
BNA_N
ClientSampleId :
A4C52DL



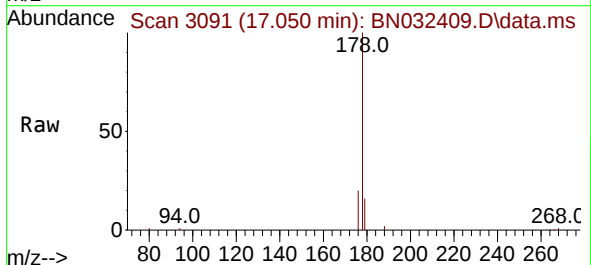
Tgt Ion:	266	Resp:	100
Ion Ratio	Lower	Upper	
266	100		
264	66.0	49.9	74.9
268	83.5	52.4	78.6

Manual Integrations
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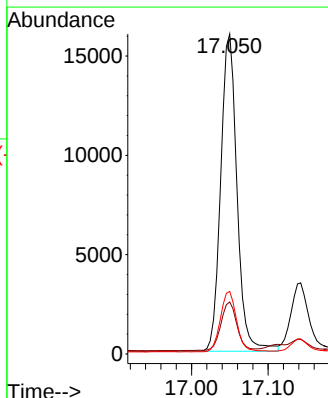
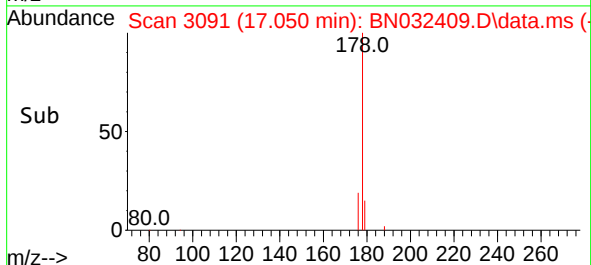
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

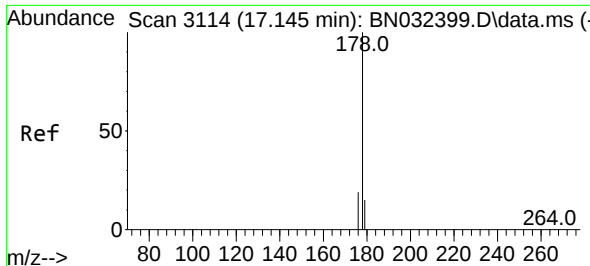


#15
Phenanthrene
Concen: 0.394 ng/ul
RT: 17.050 min Scan# 3091
Delta R.T. -0.017 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12



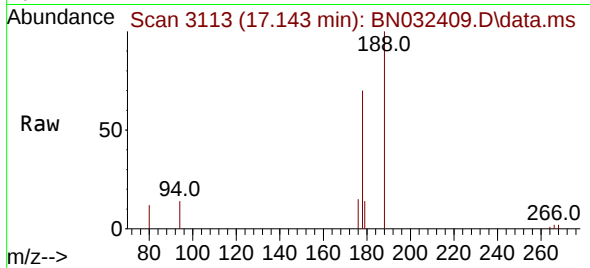
Tgt Ion:	178	Resp:	23647
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.6	18.8
176	19.5	15.6	23.4





#16
 Anthracene
 Concen: 0.106 ng/ul
 RT: 17.143 min Scan# 3114
 Delta R.T. -0.017 min
 Lab File: BN032409.D
 Acq: 02 Jul 2024 20:12

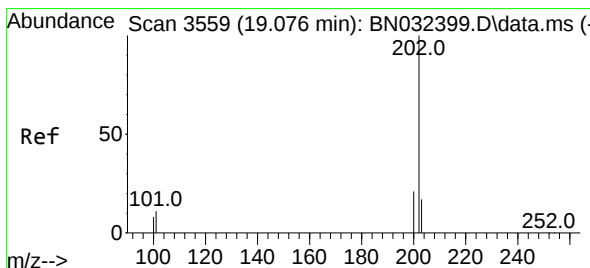
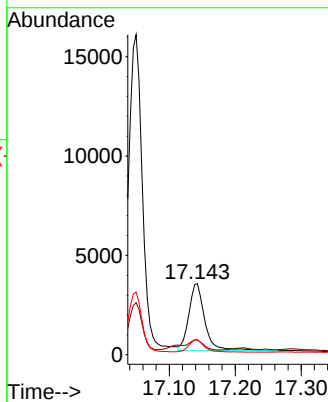
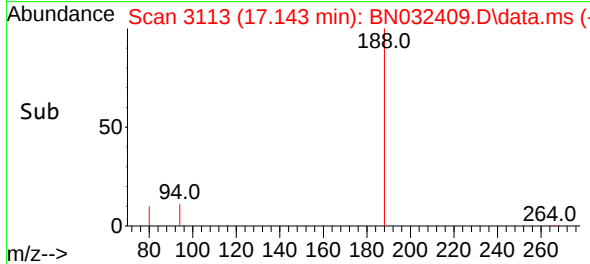
Instrument :
 BNA_N
 ClientSampleId :
 A4C52DL



Tgt Ion:178 Resp: 570
 Ion Ratio Lower Upper
 178 100
 179 20.5 12.5 18.7
 176 21.1 15.0 22.6

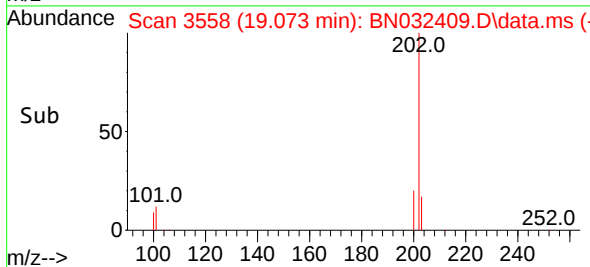
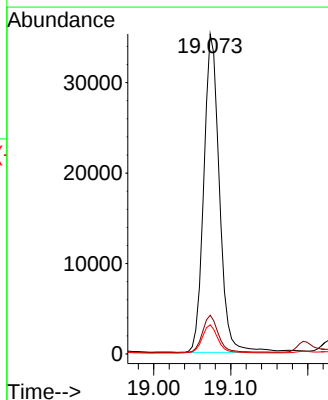
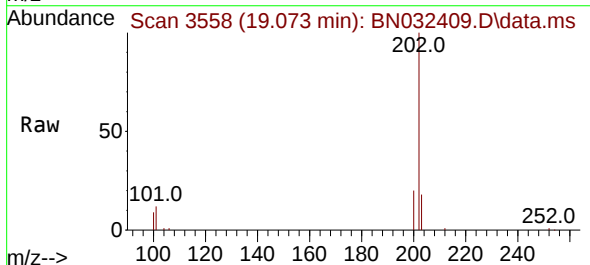
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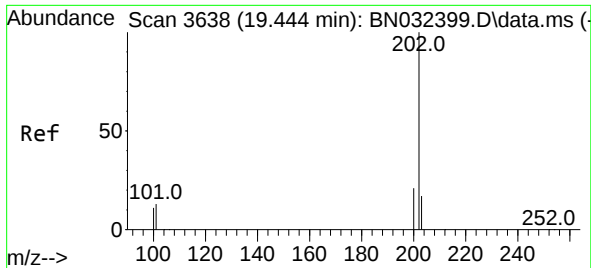
Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



#19
 Fluoranthene
 Concen: 0.641 ng/ul
 RT: 19.073 min Scan# 3558
 Delta R.T. -0.019 min
 Lab File: BN032409.D
 Acq: 02 Jul 2024 20:12

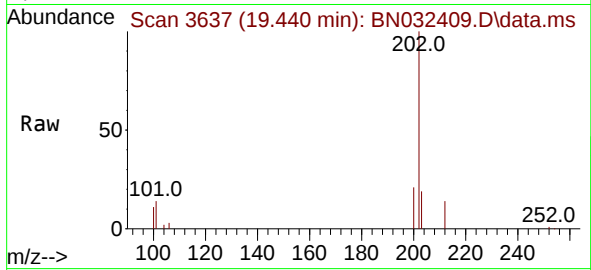
Tgt Ion:202 Resp: 49663
 Ion Ratio Lower Upper
 202 100
 101 12.1 8.8 13.2
 100 9.1 6.4 9.6





#20
Pyrene
Concen: 0.503 ng/ul
RT: 19.440 min Scan# 3638
Delta R.T. -0.014 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12

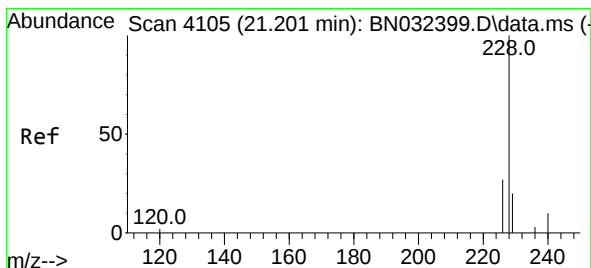
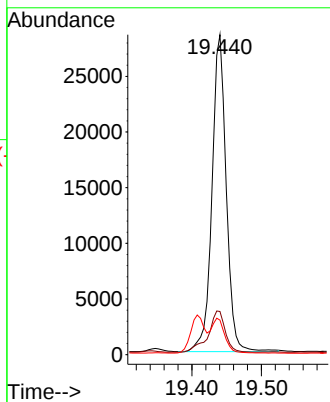
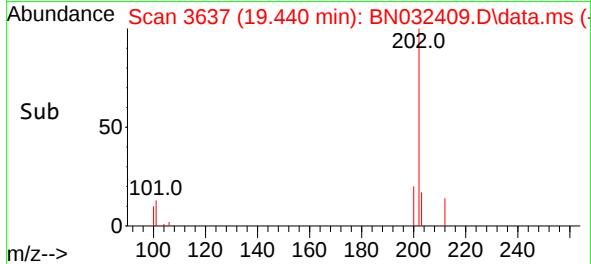
Instrument :
BNA_N
ClientSampleId :
A4C52DL



Tgt Ion:202 Resp: 40721
Ion Ratio Lower Upper
202 100
101 13.5 11.0 16.4
100 10.8 8.7 13.1

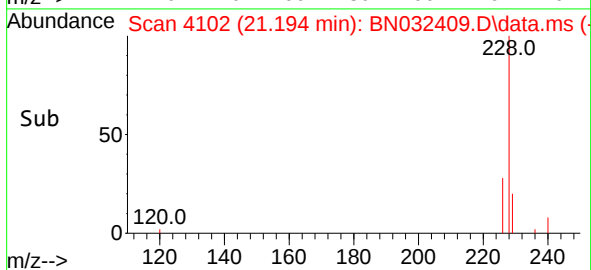
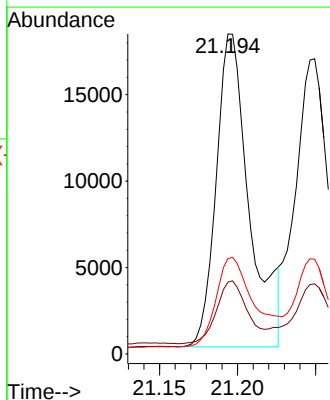
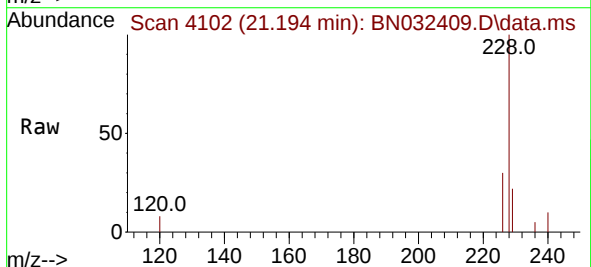
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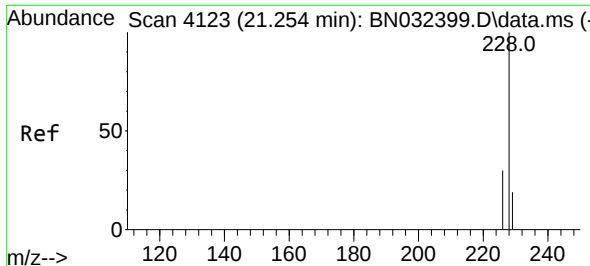
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#21
Benzo(a)anthracene
Concen: 0.364 ng/ul
RT: 21.194 min Scan# 4102
Delta R.T. -0.021 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12

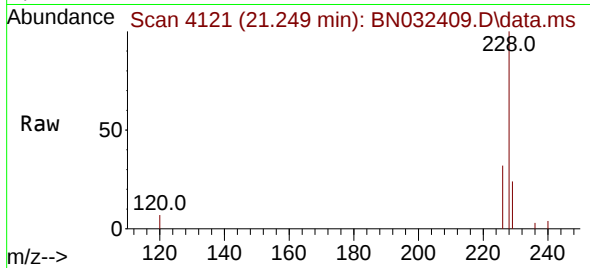
Tgt Ion:228 Resp: 26747
Ion Ratio Lower Upper
228 100
229 22.4 15.7 23.5
226 29.8 21.8 32.8





#22
Chrysene
Concen: 0.320 ng/ul m
RT: 21.249 min Scan# 4121
Delta R.T. -0.018 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12

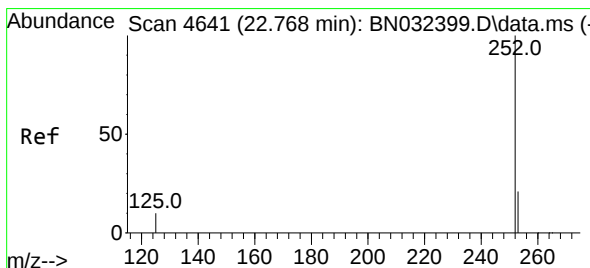
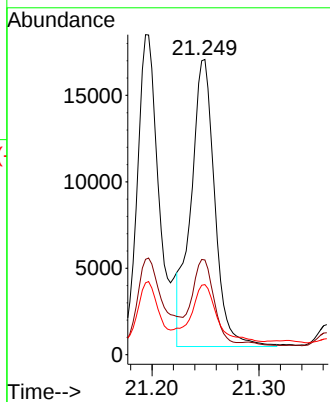
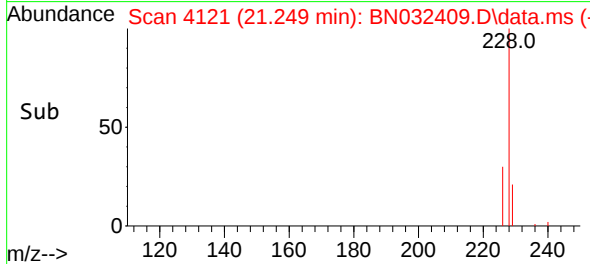
Instrument :
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A4C52DL



Tgt Ion:228 Resp: 2584
Ion Ratio Lower Upper
228 100
226 32.1 23.6 35.4
229 23.7 15.7 23.5

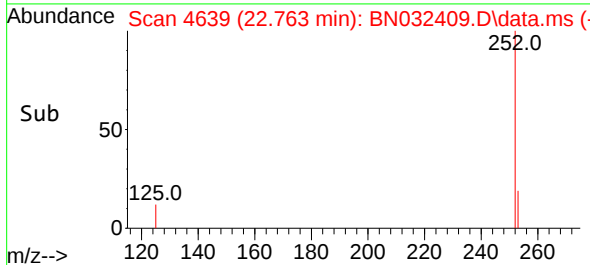
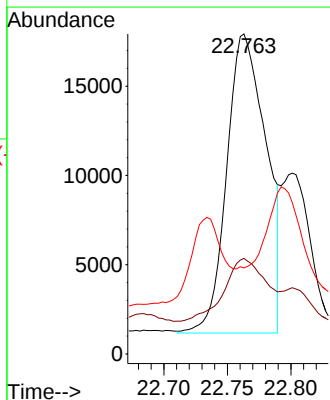
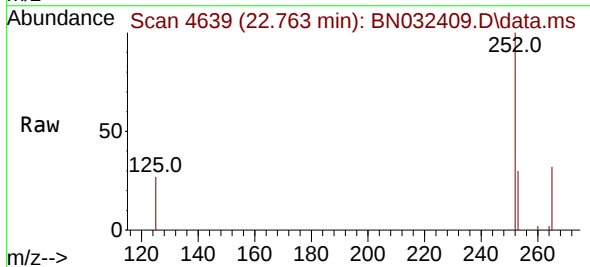
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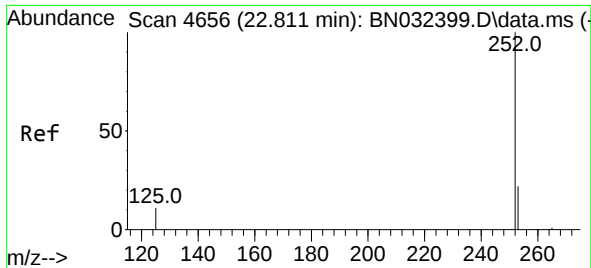
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul m
RT: 22.763 min Scan# 4639
Delta R.T. -0.021 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12

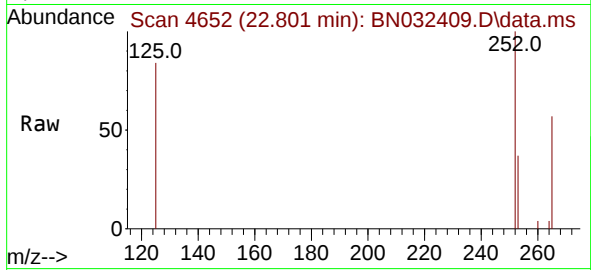
Tgt Ion:252 Resp: 36091
Ion Ratio Lower Upper
252 100
253 29.8 0.0 50.2
125 26.9 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 0.145 ng/ul m
RT: 22.801 min Scan# 4652
Delta R.T. -0.026 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12

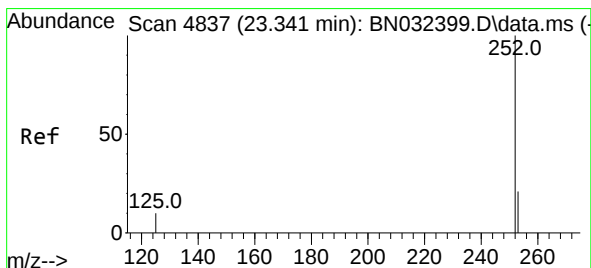
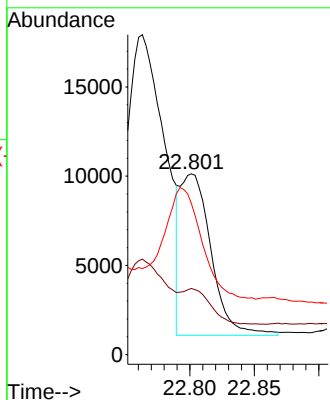
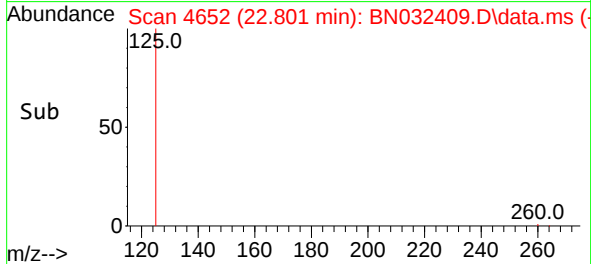
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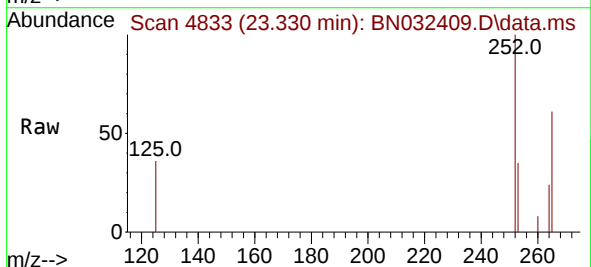
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Ion Ratio Lower Upper
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253 36.6 20.3 30.5
125 83.6 12.8 19.2

Manual Integrations
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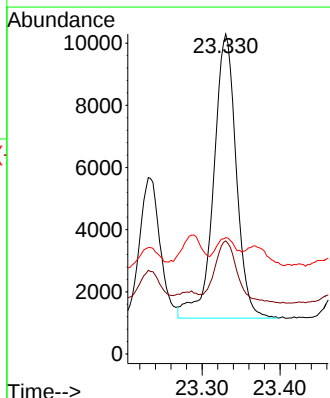
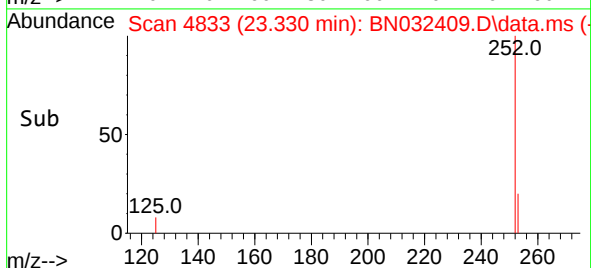
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

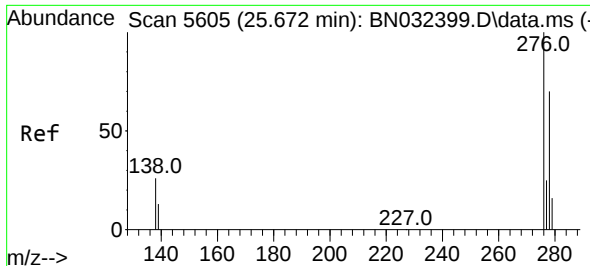


#26
Benzo(a)pyrene
Concen: 0.248 ng/ul
RT: 23.330 min Scan# 4833
Delta R.T. -0.029 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12



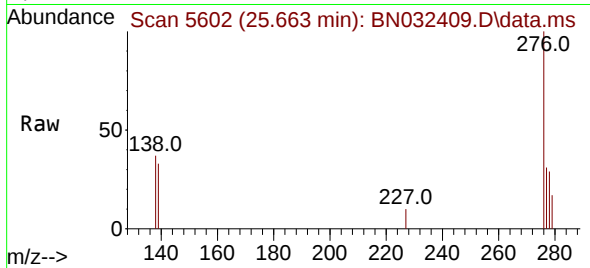
Tgt Ion:252 Resp: 18467
Ion Ratio Lower Upper
252 100
253 35.3 22.2 33.2#
125 36.3 16.4 24.6#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.148 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. -0.037 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12

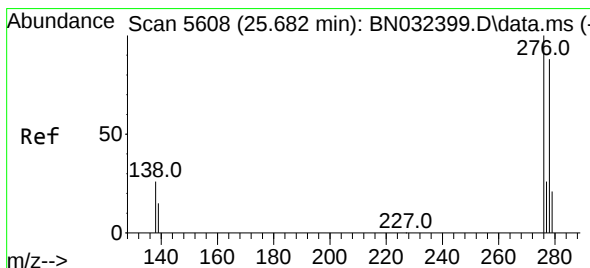
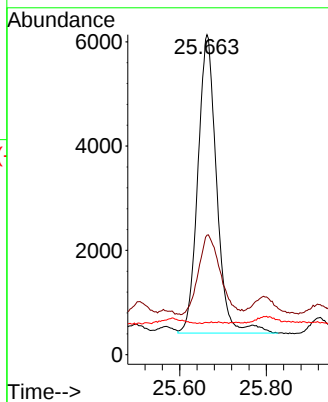
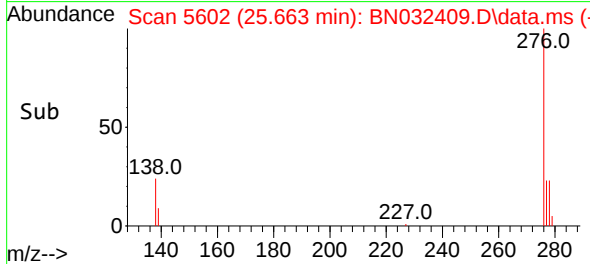
Instrument :
BNA_N
ClientSampleId :
A4C52DL



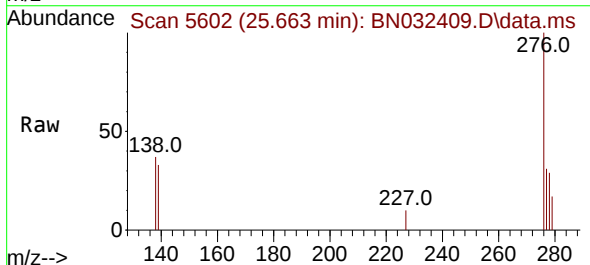
Tgt Ion: 276 Resp: 17189
Ion Ratio Lower Upper
276 100
138 31.2 21.3 31.9
227 0.1 0.1 0.1

Manual Integrations
APPROVED

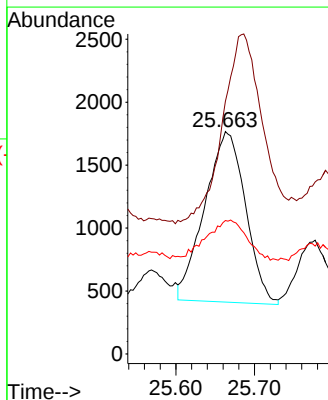
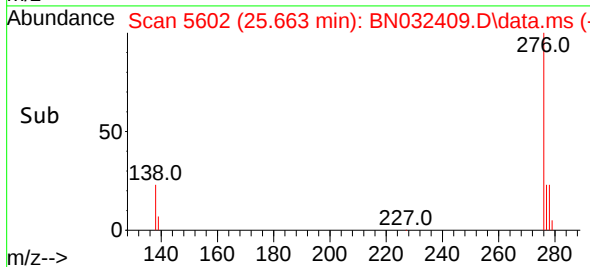
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

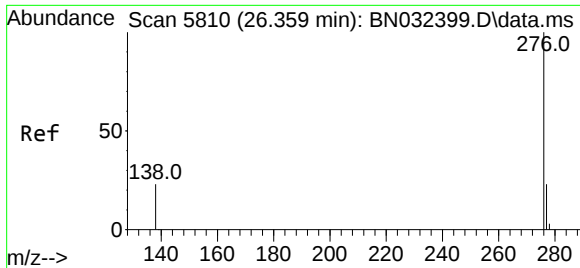


#28
Dibenzo(a,h)anthracene
Concen: 0.056 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. -0.047 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12



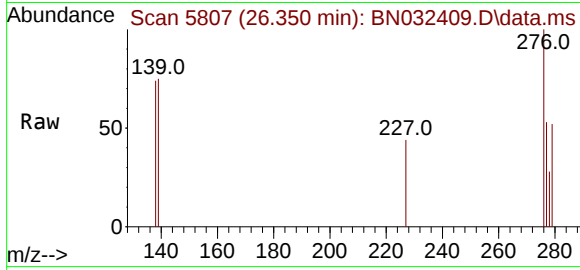
Tgt Ion: 278 Resp: 4886
Ion Ratio Lower Upper
278 100
139 113.6 15.9 23.9#
279 60.0 21.1 31.7#





#29
Benzo(g,h,i)perylene
Concen: 0.042 ng/ul
RT: 26.350 min Scan# 5807
Delta R.T. -0.030 min
Lab File: BN032409.D
Acq: 02 Jul 2024 20:12

Instrument :
BNA_N
ClientSampleId :
A4C52DL



Tgt Ion: 276 Resp: 3872
Ion Ratio Lower Upper
276 100
138 73.8 19.8 29.6
277 53.4 19.8 29.6

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 07/03/2024
Supervised By : mohammad ahmed 07/04/2024

