

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032511.D
 Acq On : 05 Jul 2024 15:51
 Operator : MA/JU
 Sample : P2982-04DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4DP5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 05 16:18:21 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 : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	4183	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	12148	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.244	164	7157	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	14282	0.400	ng/ul	0.00
17) Chrysene-d12	21.214	240	13441	0.400	ng/ul	0.00
23) Perylene-d12	23.430	264	16419	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	292	0.063	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	462	0.025	ng/ul	0.01
18) Fluoranthene-d10	19.041	212	1307	0.032	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.426	128	26607	0.828	ng/ul	100
10) Acenaphthylene	13.966	152	28870	0.970	ng/ul	99
11) Acenaphthene	14.309	153	39703	1.719	ng/ul	99
12) Fluorene	15.308	166	21990	0.799	ng/ul	99
15) Phenanthrene	17.046	178	61771	1.578	ng/ul	99
16) Anthracene	17.138	178	53534	1.533	ng/ul	100
19) Fluoranthene	19.073	202	45955	0.898	ng/ul	98
20) Pyrene	19.440	202	20819	0.389	ng/ul	100
21) Benzo(a)anthracene	21.197	228	6825m	0.141	ng/ul	
22) Chrysene	21.252	228	20157	0.379	ng/ul	98
24) Benzo(b)fluoranthene	22.763	252	21751	0.305	ng/ul	90
25) Benzo(k)fluoranthene	22.807	252	18698	0.270	ng/ul#	86
26) Benzo(a)pyrene	23.336	252	29286	0.590	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.666	276	38355	0.494	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.673	278	36045	0.624	ng/ul	98
29) Benzo(g,h,i)perylene	26.357	276	27248	0.440	ng/ul	97

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

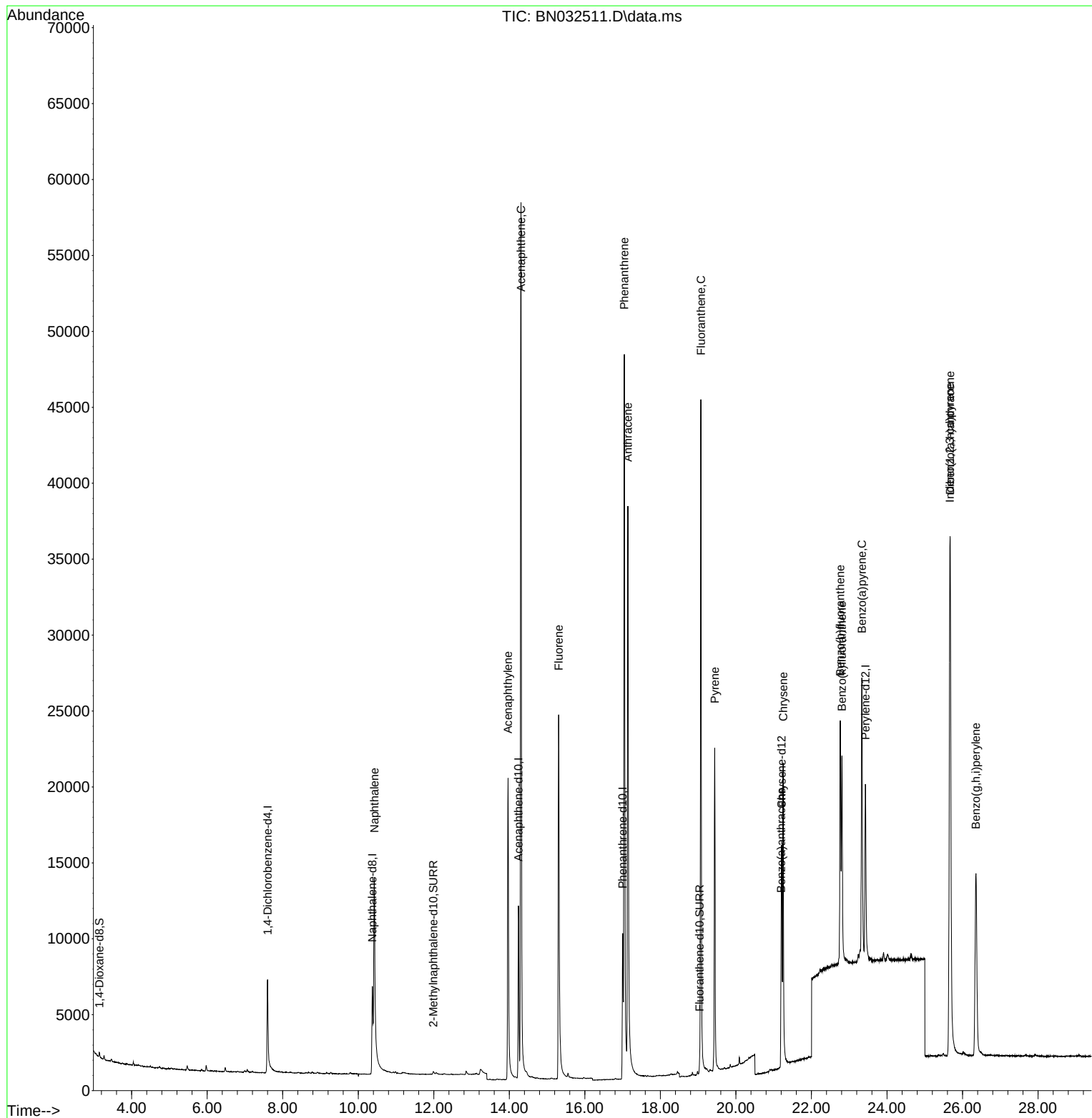
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032511.D
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ALS Vial : 12 Sample Multiplier: 1

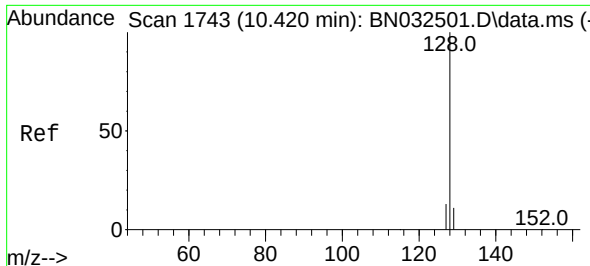
Instrument :
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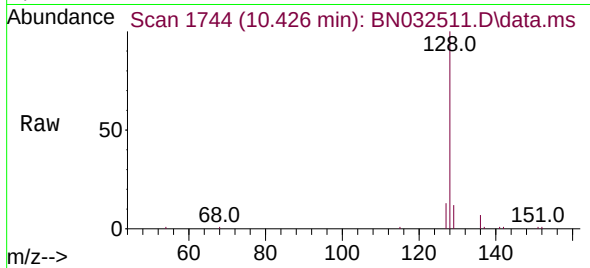
Quant Time: Jul 05 16:18:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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#5
Naphthalene
Concen: 0.828 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BN032511.D
Acq: 05 Jul 2024 15:51

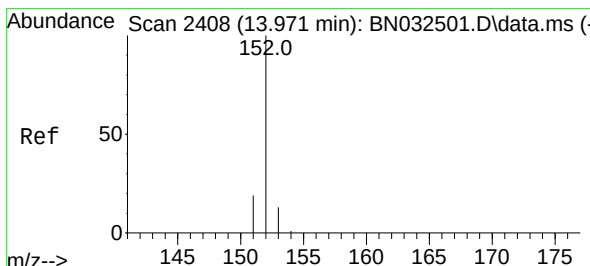
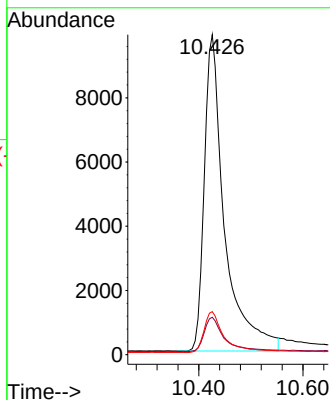
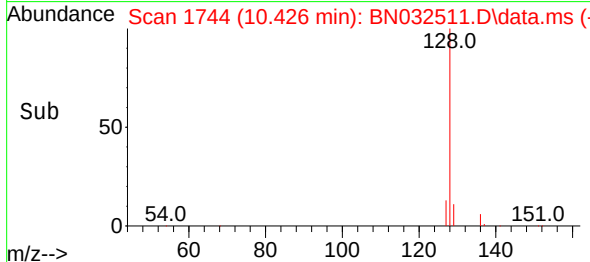
Instrument :
BNA_N
ClientSampleId :
A4DP5DL



Tgt Ion:128 Resp: 2660
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.5 10.8 16.2

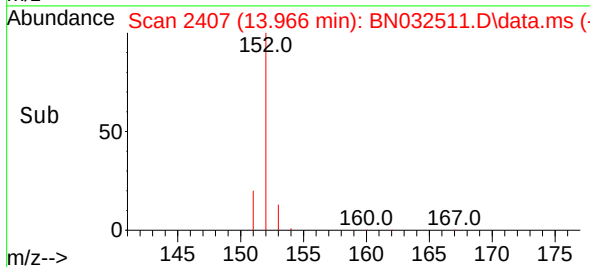
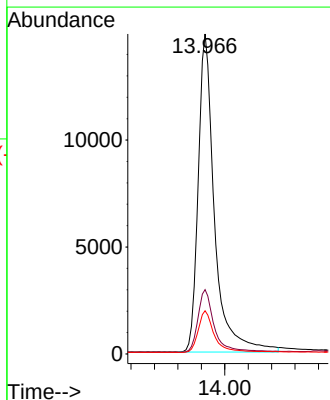
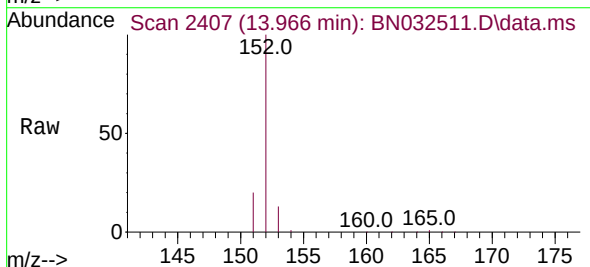
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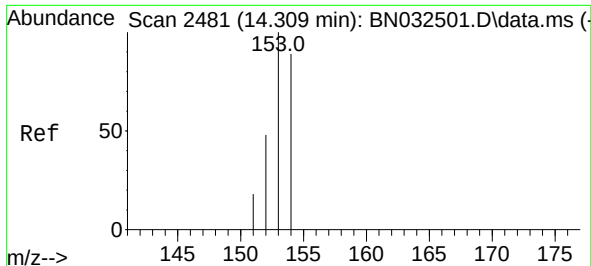
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.970 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032511.D
Acq: 05 Jul 2024 15:51

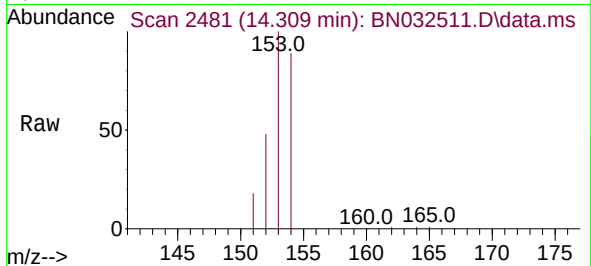
Tgt Ion:152 Resp: 28870
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.5 10.9 16.3





#11
Acenaphthene
Concen: 1.719 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032511.D
Acq: 05 Jul 2024 15:51

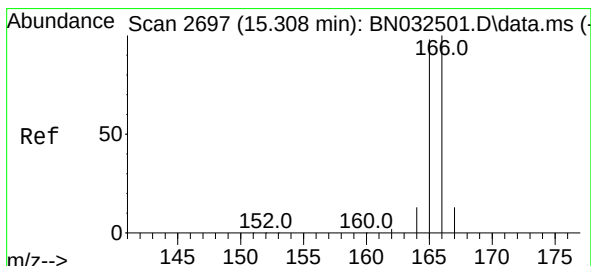
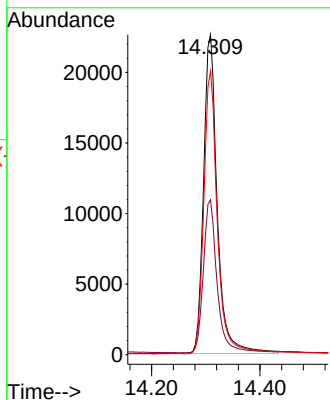
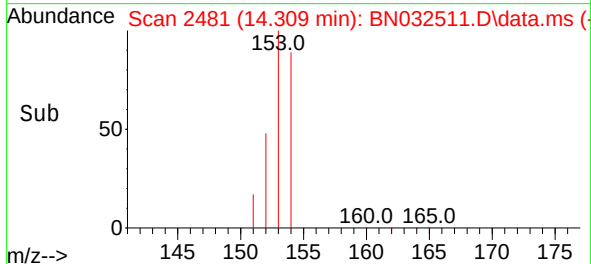
Instrument :
BNA_N
ClientSampleId :
A4DP5DL



Tgt Ion:153 Resp: 39700
Ion Ratio Lower Upper
153 100
152 48.4 39.5 59.3
154 88.6 71.7 107.5

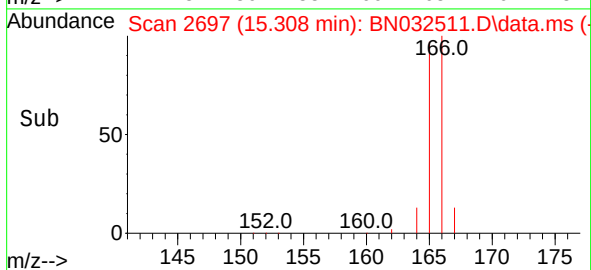
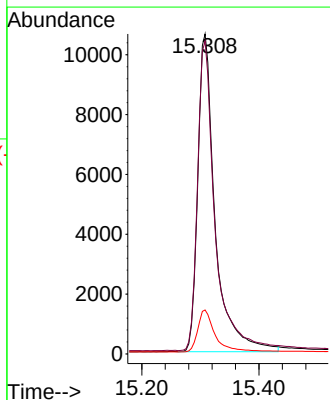
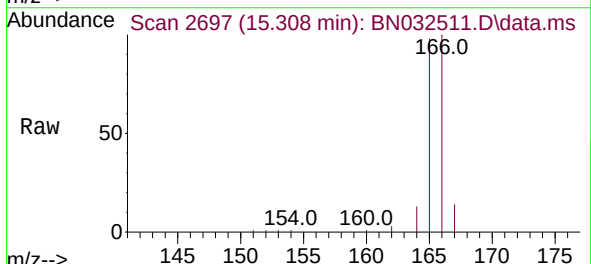
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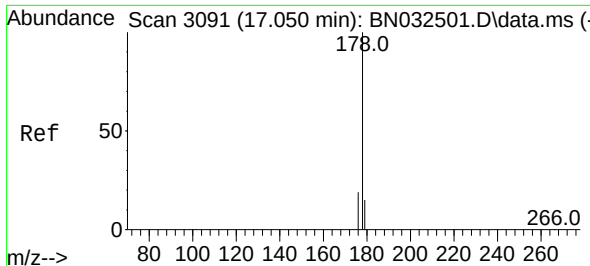
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.799 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BN032511.D
Acq: 05 Jul 2024 15:51

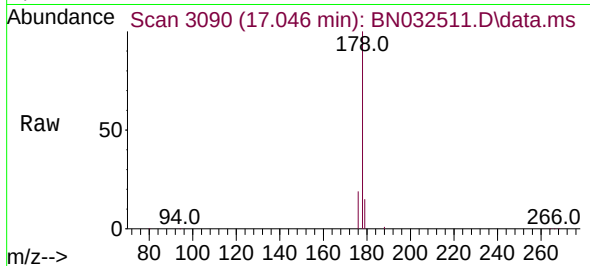
Tgt Ion:166 Resp: 21990
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.6
167 13.7 11.0 16.6





#15
Phenanthrene
Concen: 1.578 ng/ul
RT: 17.046 min Scan# 3091
Delta R.T. -0.004 min
Lab File: BN032511.D
Acq: 05 Jul 2024 15:51

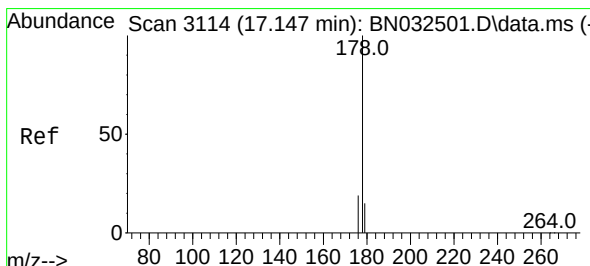
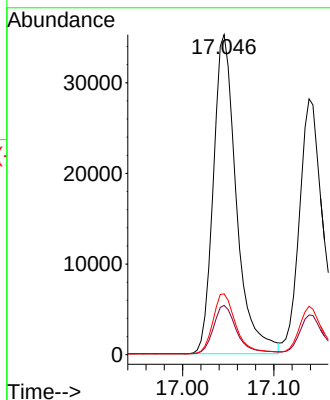
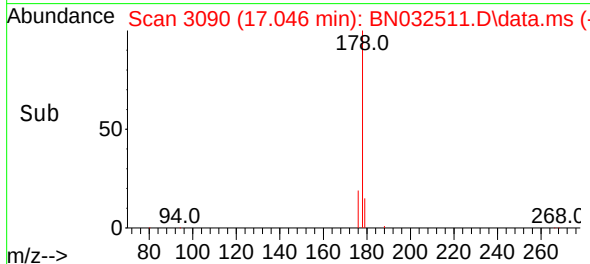
Instrument :
BNA_N
ClientSampleId :
A4DP5DL



Tgt Ion:178 Resp: 6177
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.0 15.6 23.4

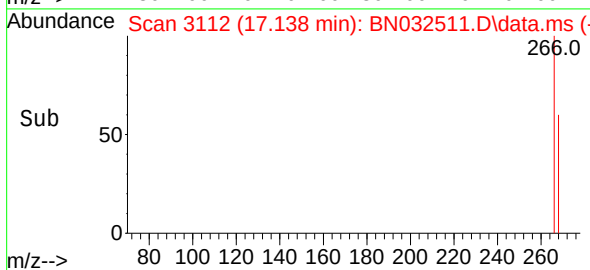
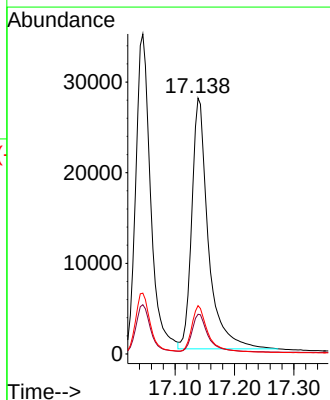
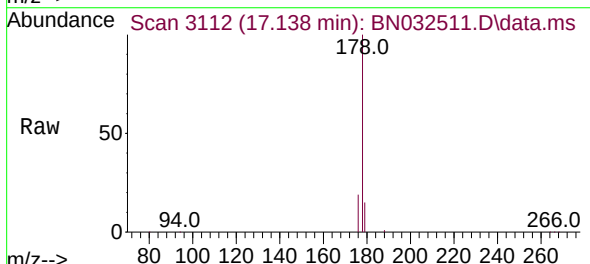
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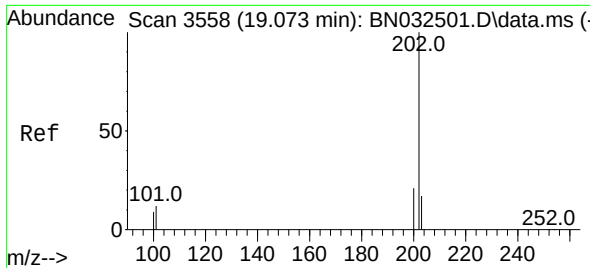
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 1.533 ng/ul
RT: 17.138 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN032511.D
Acq: 05 Jul 2024 15:51

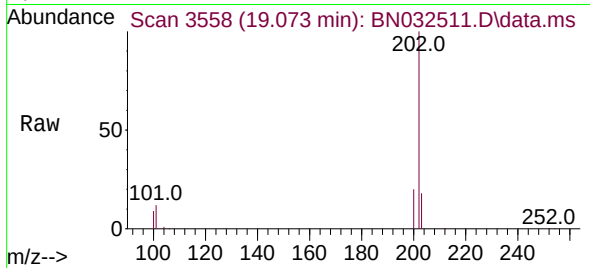
Tgt Ion:178 Resp: 53534
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 18.9 15.0 22.6





#19
Fluoranthene
Concen: 0.898 ng/ul
RT: 19.073 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BN032511.D
Acq: 05 Jul 2024 15:51

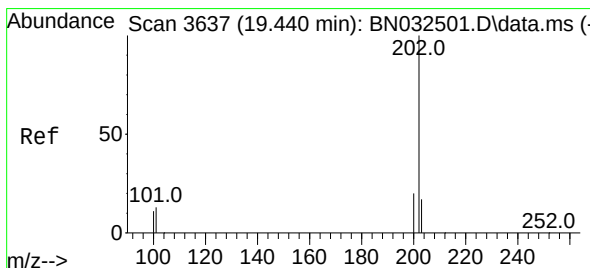
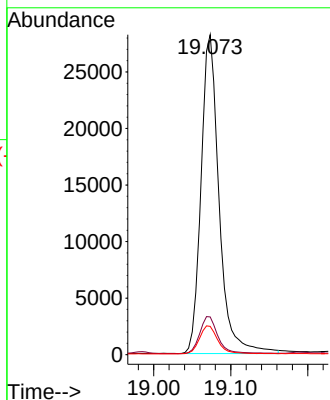
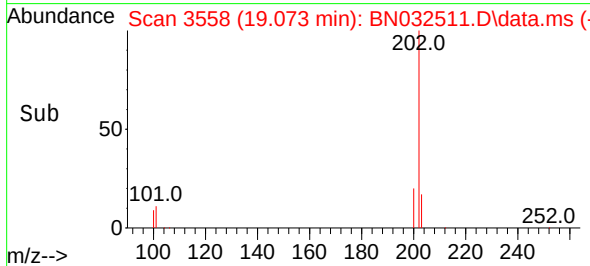
Instrument :
BNA_N
ClientSampleId :
A4DP5DL



Tgt Ion:202 Resp: 4595
Ion Ratio Lower Upper
202 100
101 11.8 8.8 13.2
100 8.9 6.4 9.6

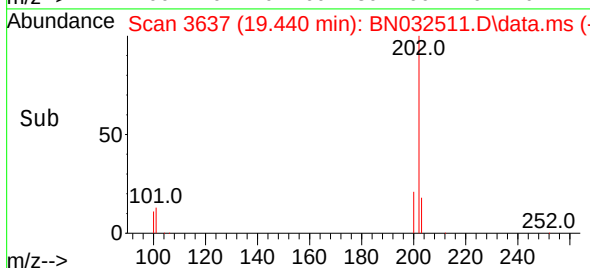
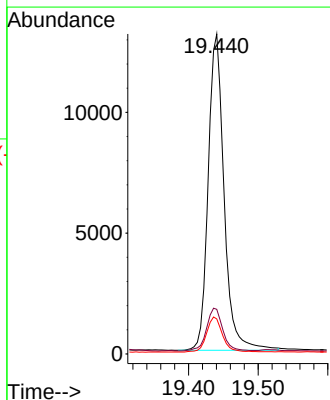
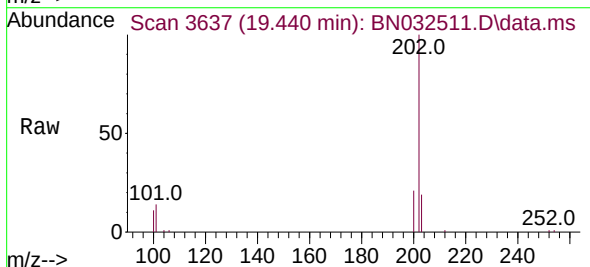
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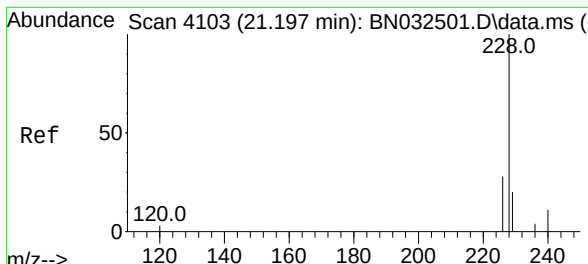
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#20
Pyrene
Concen: 0.389 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BN032511.D
Acq: 05 Jul 2024 15:51

Tgt Ion:202 Resp: 20819
Ion Ratio Lower Upper
202 100
101 13.9 11.0 16.4
100 10.9 8.7 13.1





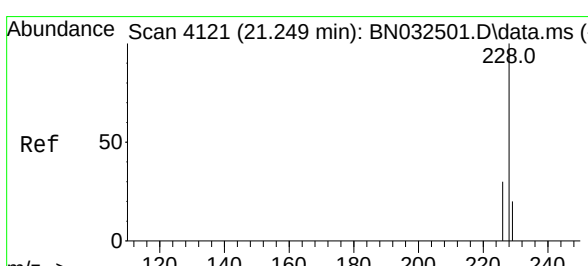
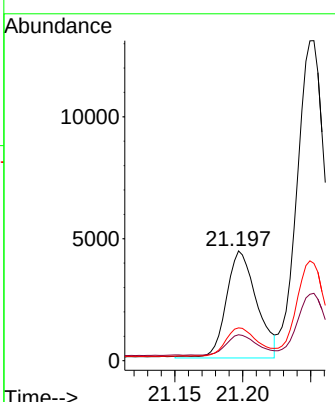
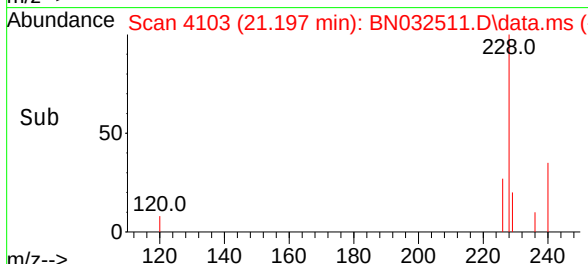
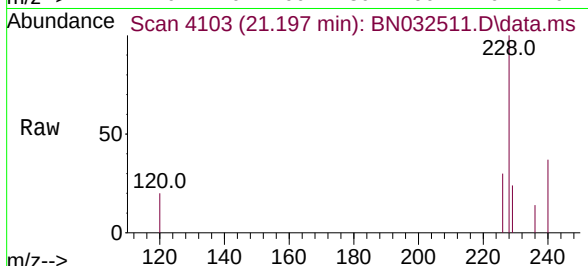
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 Benzo(a)anthracene
 Concen: 0.141 ng/ul m
 RT: 21.197 min Scan# 4103
 Delta R.T. 0.006 min
 Lab File: BN032511.D
 Acq: 05 Jul 2024 15:51

Instrument : BNA_N
 ClientSampleId : A4DP5DL

Tgt Ion:228 Resp: 6824

Ion	Ratio	Lower	Upper
228	100		
229	23.6	15.7	23.5
226	29.9	21.8	32.8

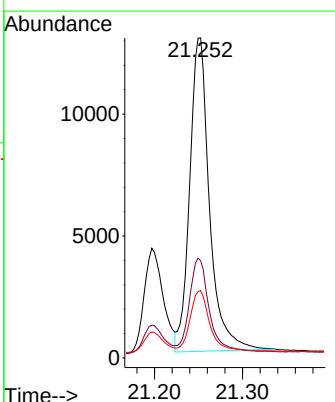
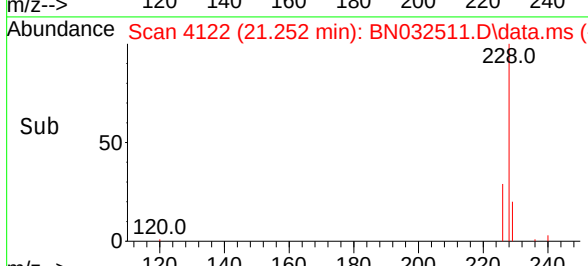
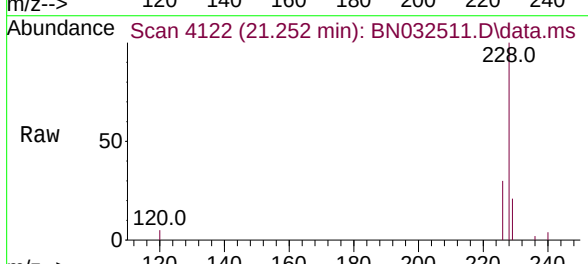
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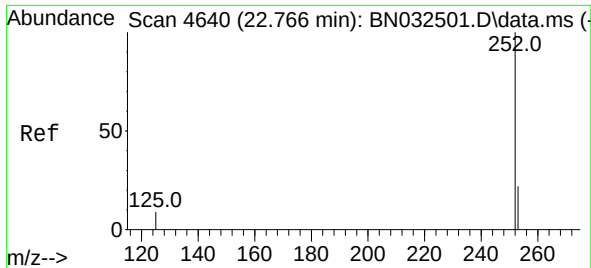


#22
 Chrysene
 Concen: 0.379 ng/ul
 RT: 21.252 min Scan# 4122
 Delta R.T. 0.009 min
 Lab File: BN032511.D
 Acq: 05 Jul 2024 15:51

Tgt Ion:228 Resp: 20157

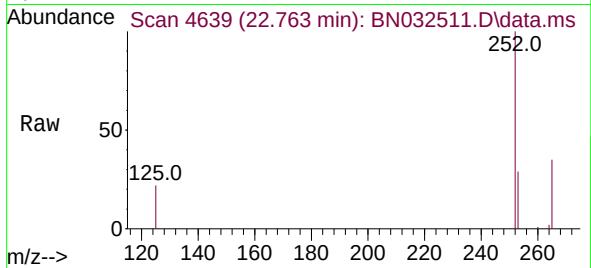
Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.6	35.4
229	21.0	15.7	23.5





#24
Benzo(b)fluoranthene
Concen: 0.305 ng/ul
RT: 22.763 min Scan# 4639
Delta R.T. 0.006 min
Lab File: BN032511.D
Acq: 05 Jul 2024 15:51

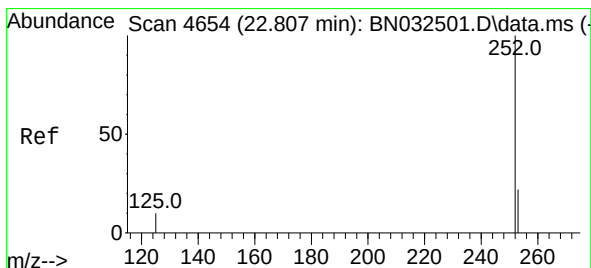
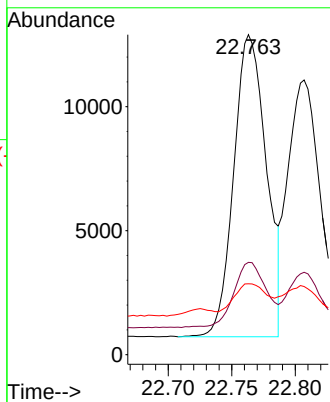
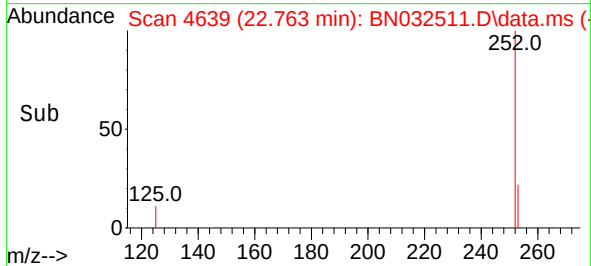
Instrument :
BNA_N
ClientSampleId :
A4DP5DL



Tgt Ion:252 Resp: 2175
Ion Ratio Lower Upper
252 100
253 28.9 0.0 50.2
125 22.2 0.0 32.0

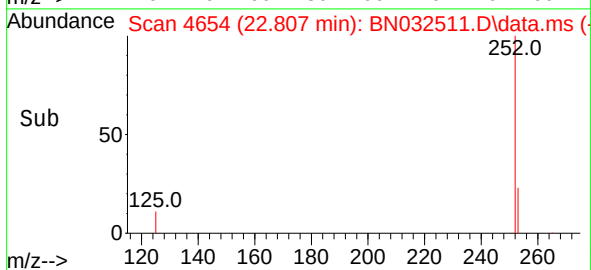
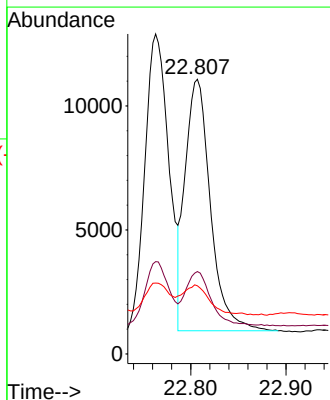
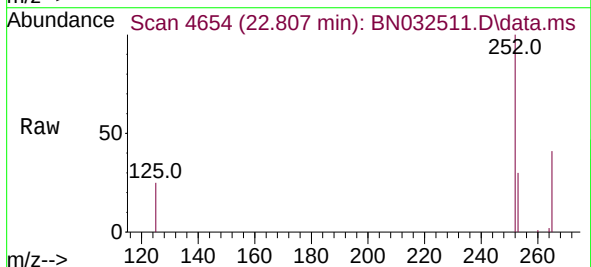
Manual Integrations
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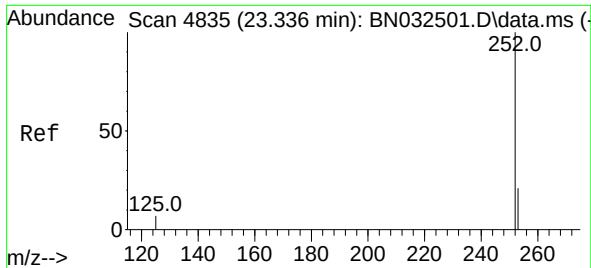
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 0.270 ng/ul
RT: 22.807 min Scan# 4654
Delta R.T. 0.006 min
Lab File: BN032511.D
Acq: 05 Jul 2024 15:51

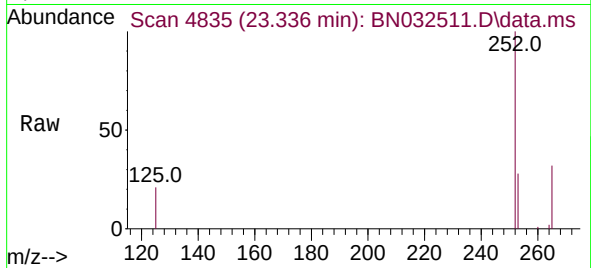
Tgt Ion:252 Resp: 18698
Ion Ratio Lower Upper
252 100
253 30.0 20.3 30.5
125 24.8 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.590 ng/ul
RT: 23.336 min Scan# 4835
Delta R.T. 0.009 min
Lab File: BN032511.D
Acq: 05 Jul 2024 15:51

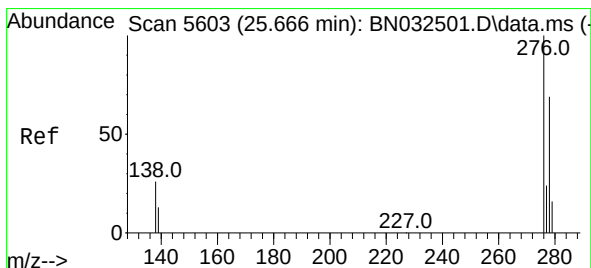
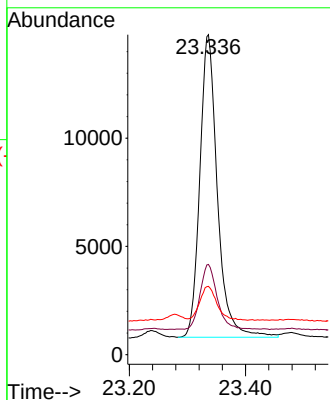
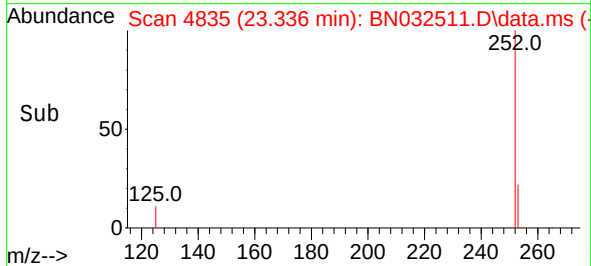
Instrument :
BNA_N
ClientSampleId :
A4DP5DL



Tgt Ion:252 Resp: 29280
Ion Ratio Lower Upper
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253 28.2 22.2 33.2
125 21.4 16.4 24.6

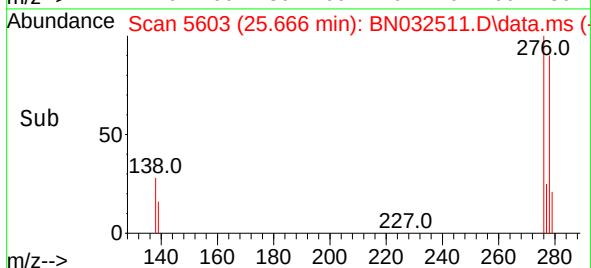
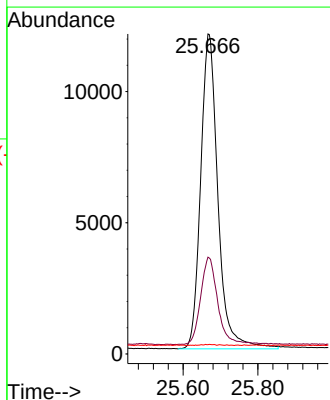
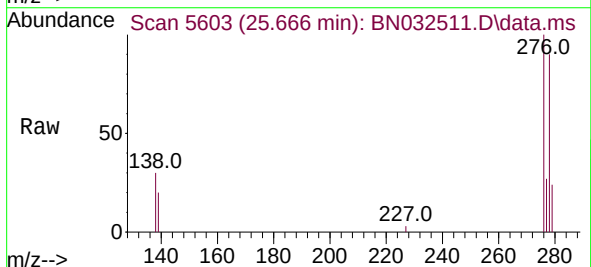
Manual Integrations
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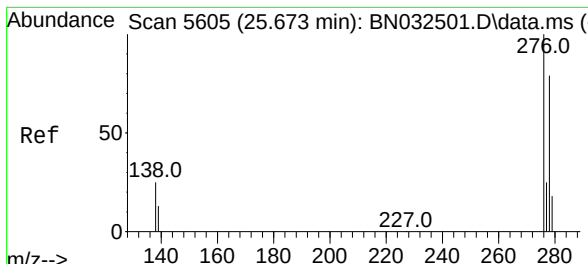
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.494 ng/ul
RT: 25.666 min Scan# 5603
Delta R.T. 0.007 min
Lab File: BN032511.D
Acq: 05 Jul 2024 15:51

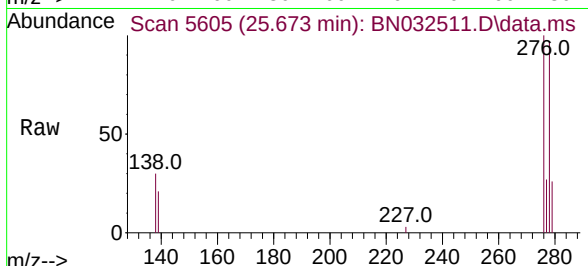
Tgt Ion:276 Resp: 38355
Ion Ratio Lower Upper
276 100
138 27.7 21.3 31.9
227 0.0 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.624 ng/ul
 RT: 25.673 min Scan# 5605
 Delta R.T. 0.007 min
 Lab File: BN032511.D
 Acq: 05 Jul 2024 15:51

Instrument :
 BNA_N
 ClientSampleId :
 A4DP5DL

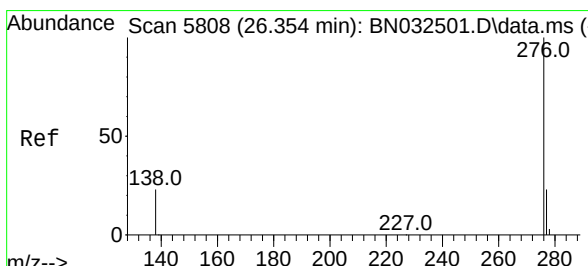
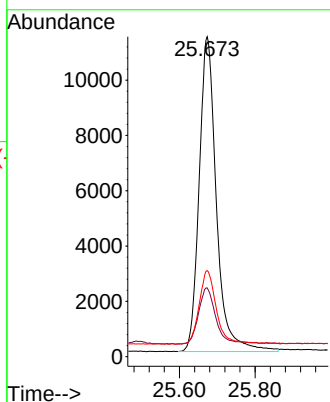
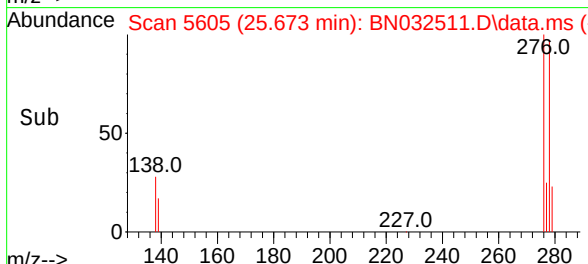


Tgt Ion: 278 Resp: 3604

Ion	Ratio	Lower	Upper
278	100		
139	21.5	15.9	23.9
279	26.9	21.1	31.7

Manual Integrations
 APPROVED

Reviewed By : Yogesh Patel 07/08/2024
 Supervised By : mohammad ahmed 07/08/2024



#29
 Benzo(g,h,i)perylene
 Concen: 0.440 ng/ul
 RT: 26.357 min Scan# 5809
 Delta R.T. 0.013 min
 Lab File: BN032511.D
 Acq: 05 Jul 2024 15:51

Tgt Ion: 276 Resp: 27248

Ion	Ratio	Lower	Upper
276	100		
138	26.2	19.8	29.6
277	26.5	19.8	29.6

