

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045498.D
 Acq On : 23 Apr 2024 02:41
 Operator : MA/JU
 Sample : P2037-21
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CY6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/26/2024

Quant Time: Apr 23 08:32:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 02:57:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	954	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.320	136	3296	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.205	164	1945	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.967	188	4194m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.193	240	3017	0.400	ng/ul	-0.02
23) Perylene-d12	23.382	264	2989m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	4034	3.155	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.942	152	1024	0.236	ng/ul	-0.04
18) Fluoranthene-d10	19.010	212	2440	0.257	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.369	128	733	0.083	ng/ul#	91
7) 2-Methylnaphthalene	12.019	142	355	0.070	ng/ul	97
8) 1-Methylnaphthalene	12.233	142	205	0.036	ng/ul	97
10) Acenaphthylene	13.918	152	266	0.028	ng/ul#	50
15) Phenanthrene	17.005	178	3763	0.308	ng/ul	96
16) Anthracene	17.098	178	563m	0.049	ng/ul	
19) Fluoranthene	19.038	202	6059	0.435	ng/ul#	93
20) Pyrene	19.401	202	4548m	0.318	ng/ul	
21) Benzo(a)anthracene	21.181	228	2602	0.270	ng/ul	94
22) Chrysene	21.228	228	3131	0.211	ng/ul	97
24) Benzo(b)fluoranthene	22.721	252	4842m	0.482	ng/ul	
25) Benzo(k)fluoranthene	22.762	252	1562m	0.123	ng/ul	
26) Benzo(a)pyrene	23.274	252	2129	0.204	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	25.585	276	2453	0.162	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.595	278	613	0.051	ng/ul#	15
29) Benzo(g,h,i)perylene	26.249	276	2781	0.204	ng/ul	93

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

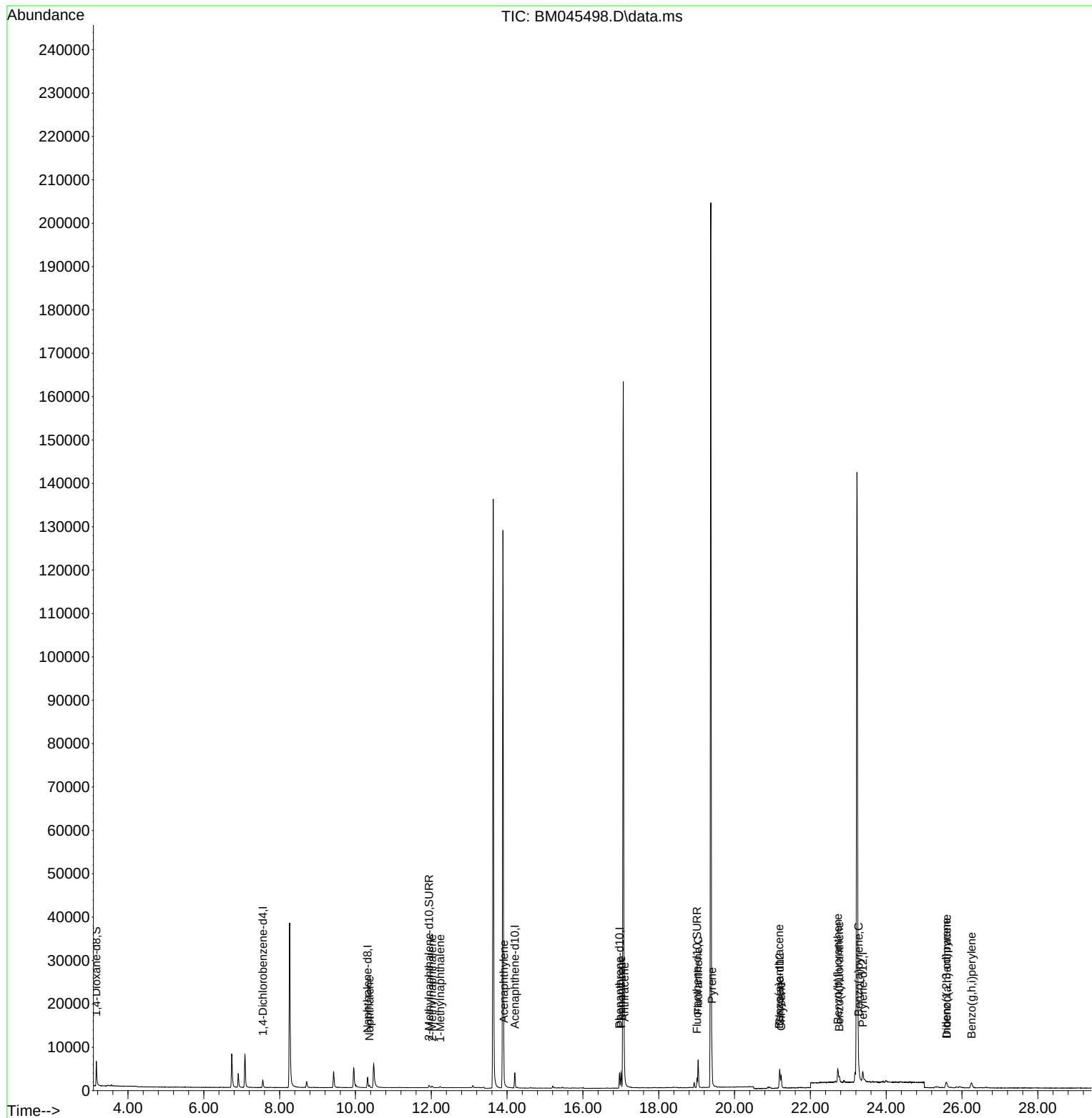
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045498.D
Acq On : 23 Apr 2024 02:41
Operator : MA/JU
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ALS Vial : 28 Sample Multiplier: 1

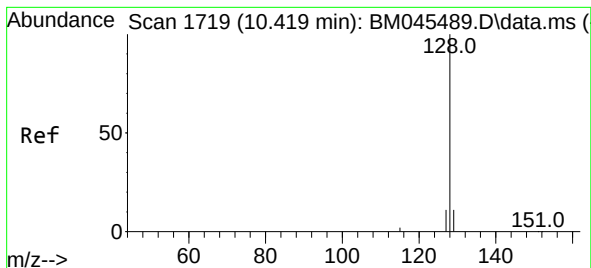
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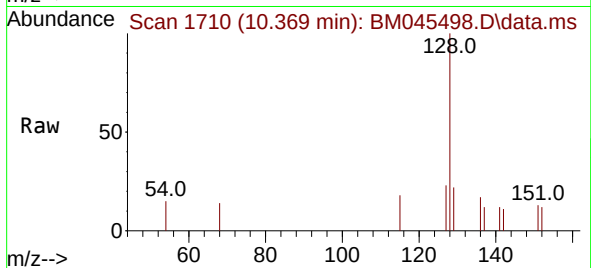
Quant Time: Apr 23 08:32:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
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#5
Naphthalene
Concen: 0.083 ng/ul
RT: 10.369 min Scan# 1719
Delta R.T. -0.050 min
Lab File: BM045498.D
Acq: 23 Apr 2024 02:41

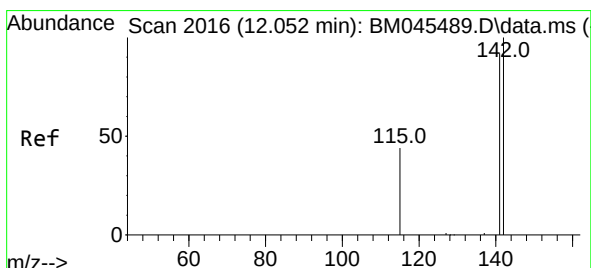
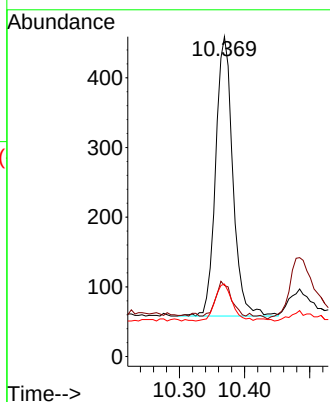
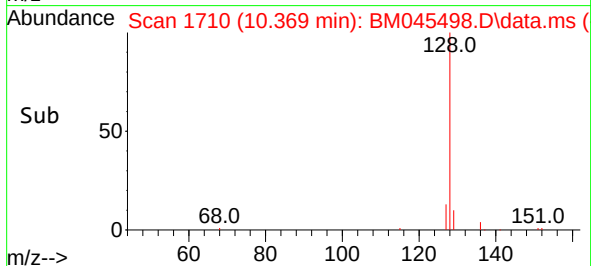
Instrument :
BNA_M
ClientSampleId :
E1CY6



Tgt Ion:128 Resp: 738
Ion Ratio Lower Upper
128 100
129 22.2 14.0 21.0
127 22.7 15.4 23.2

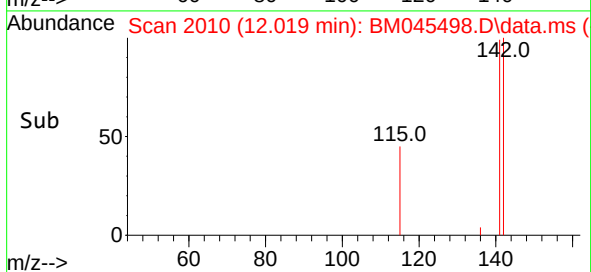
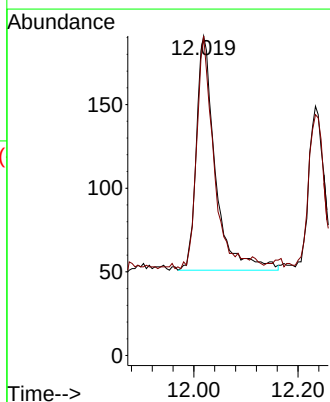
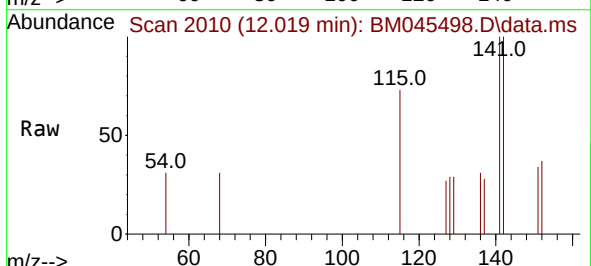
Manual Integrations
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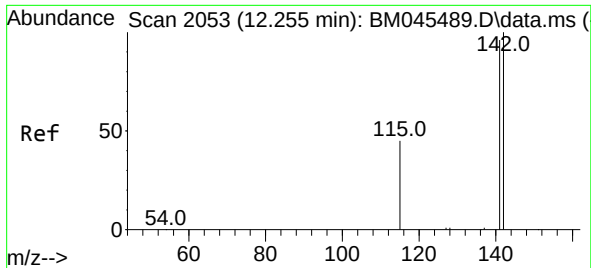
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#7
2-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.019 min Scan# 2010
Delta R.T. -0.033 min
Lab File: BM045498.D
Acq: 23 Apr 2024 02:41

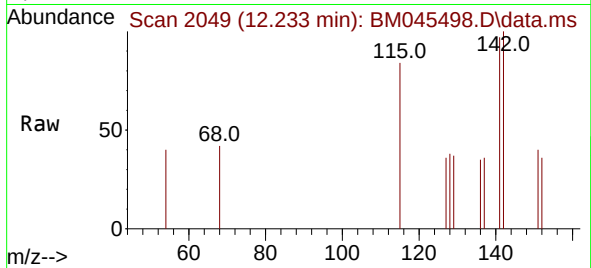
Tgt Ion:142 Resp: 355
Ion Ratio Lower Upper
142 100
141 90.7 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.233 min Scan# 2049
Delta R.T. -0.022 min
Lab File: BM045498.D
Acq: 23 Apr 2024 02:41

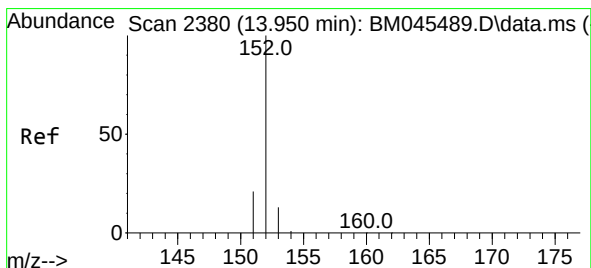
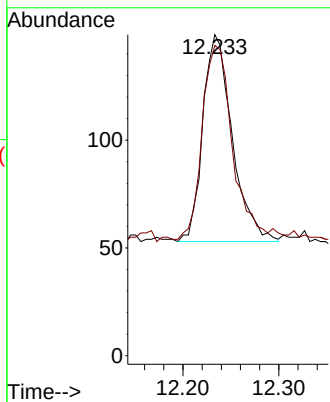
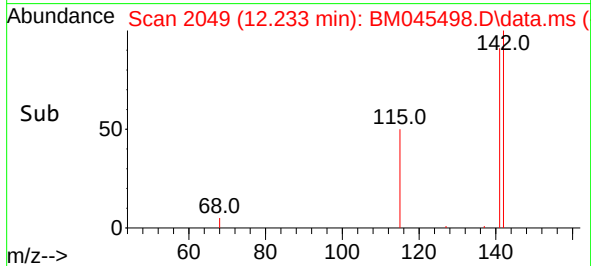
Instrument :
BNA_M
ClientSampleId :
E1CY6



Tgt Ion:142 Resp: 209
Ion Ratio Lower Upper
142 100
141 98.0 76.1 114.1

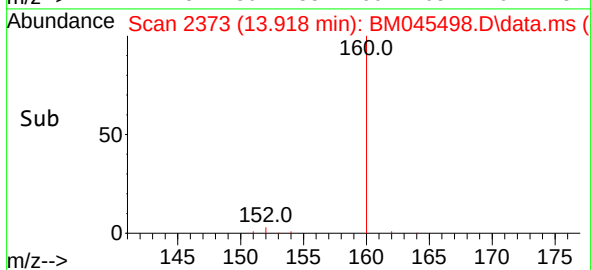
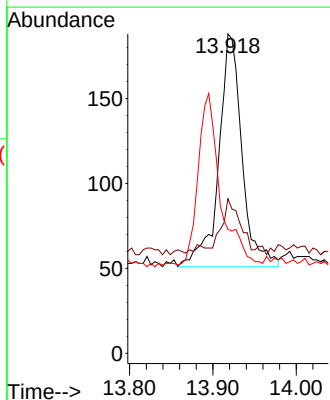
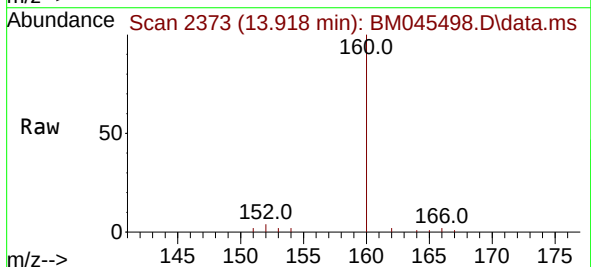
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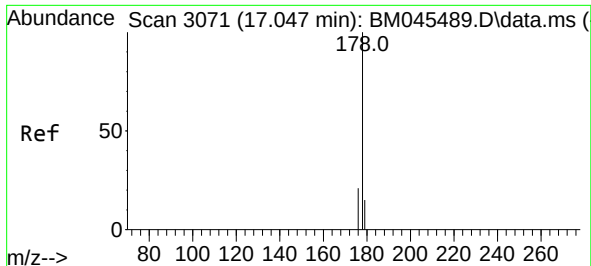
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 13.918 min Scan# 2373
Delta R.T. -0.032 min
Lab File: BM045498.D
Acq: 23 Apr 2024 02:41

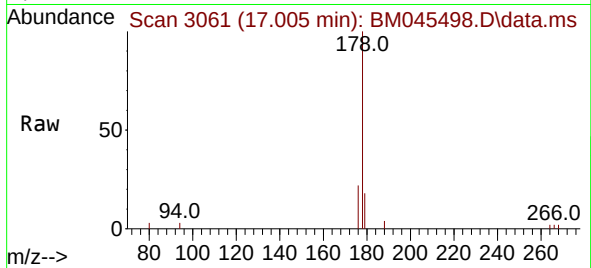
Tgt Ion:152 Resp: 266
Ion Ratio Lower Upper
152 100
151 48.4 18.6 28.0#
153 38.8 14.1 21.1#





#15
Phenanthrene
Concen: 0.308 ng/ul
RT: 17.005 min Scan# 3061
Delta R.T. -0.042 min
Lab File: BM045498.D
Acq: 23 Apr 2024 02:41

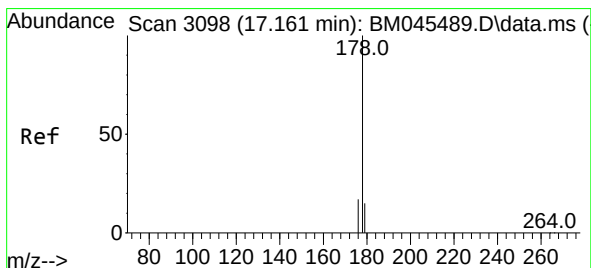
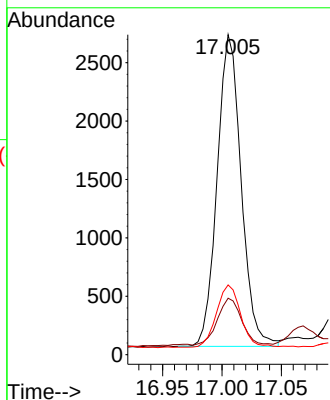
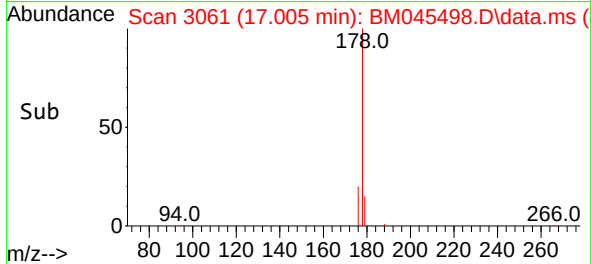
Instrument :
BNA_M
ClientSampleId :
E1CY6



Tgt Ion:178 Resp: 376
Ion Ratio Lower Upper
178 100
179 17.7 15.4 23.2
176 21.8 19.0 28.4

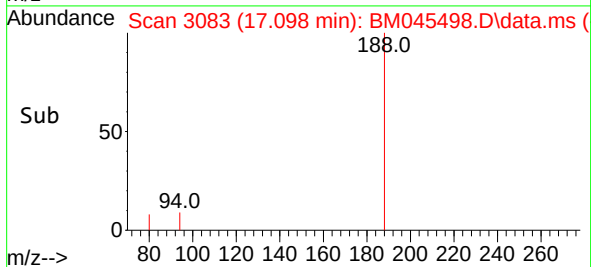
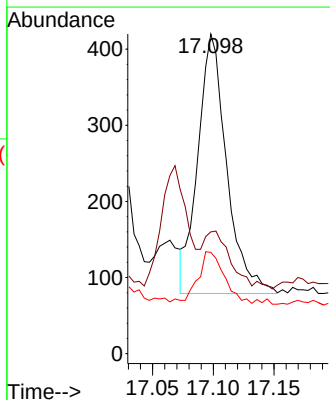
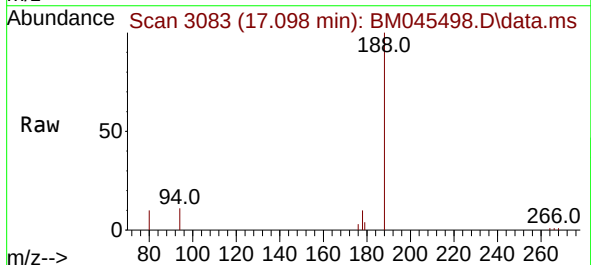
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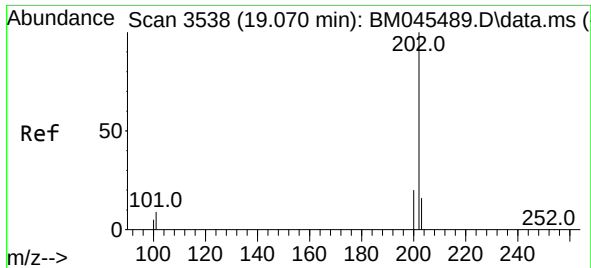
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#16
Anthracene
Concen: 0.049 ng/ul m
RT: 17.098 min Scan# 3083
Delta R.T. -0.063 min
Lab File: BM045498.D
Acq: 23 Apr 2024 02:41

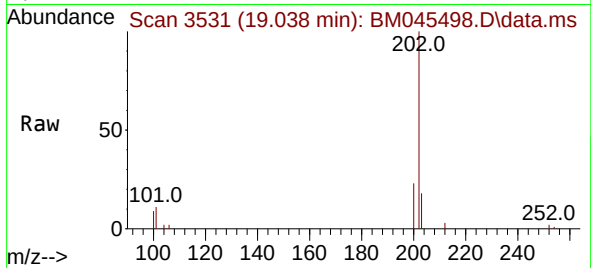
Tgt Ion:178 Resp: 563
Ion Ratio Lower Upper
178 100
179 38.1 17.8 26.6#
176 31.7 18.7 28.1#





#19
Fluoranthene
Concen: 0.435 ng/ul
RT: 19.038 min Scan# 3538
Delta R.T. -0.032 min
Lab File: BM045498.D
Acq: 23 Apr 2024 02:41

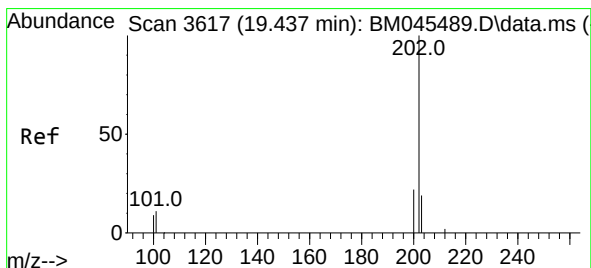
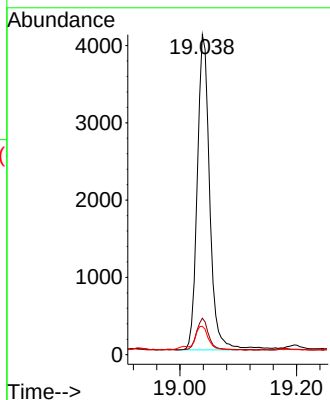
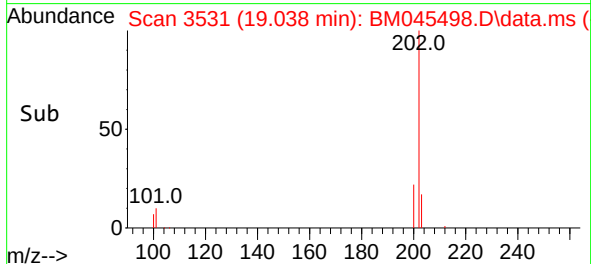
Instrument :
BNA_M
ClientSampleId :
E1CY6



Tgt Ion:202 Resp: 6059
Ion Ratio Lower Upper
202 100
101 11.4 11.2 16.8
100 8.8 9.1 13.7

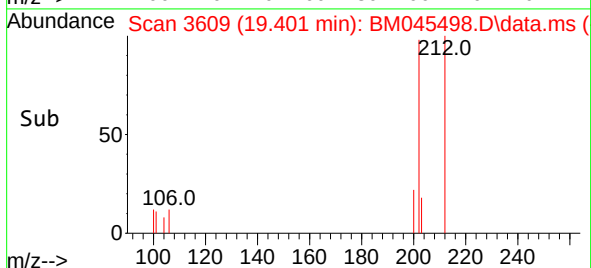
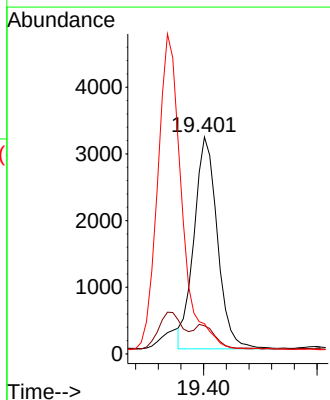
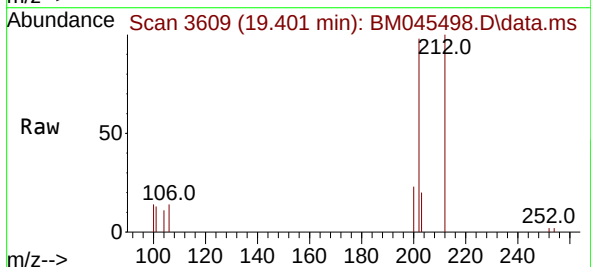
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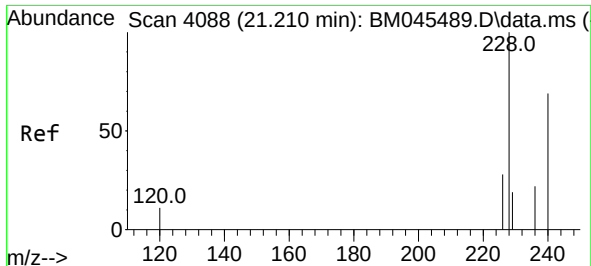
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#20
Pyrene
Concen: 0.318 ng/ul m
RT: 19.401 min Scan# 3609
Delta R.T. -0.037 min
Lab File: BM045498.D
Acq: 23 Apr 2024 02:41

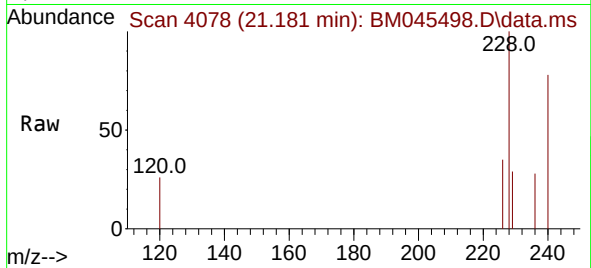
Tgt Ion:202 Resp: 4548
Ion Ratio Lower Upper
202 100
101 13.0 11.5 17.3
100 13.9 10.6 15.8





#21
Benzo(a)anthracene
Concen: 0.270 ng/ul
RT: 21.181 min Scan# 4094
Delta R.T. -0.029 min
Lab File: BM045498.D
Acq: 23 Apr 2024 02:41

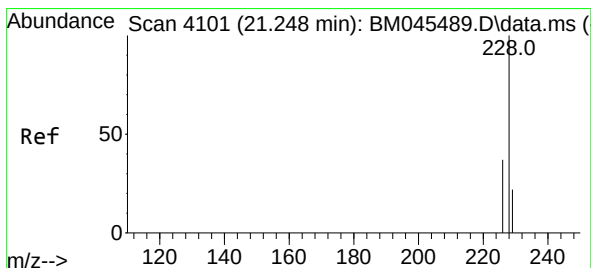
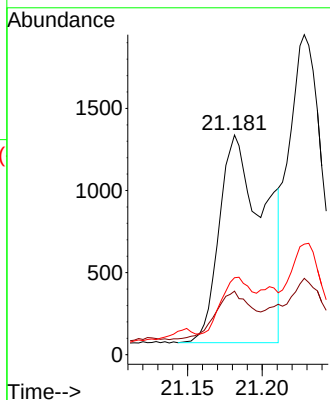
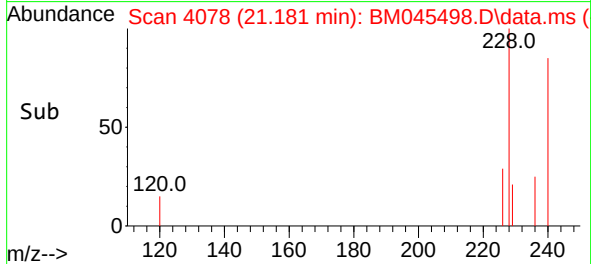
Instrument :
BNA_M
ClientSampleId :
E1CY6



Tgt Ion:228 Resp: 2602
Ion Ratio Lower Upper
228 100
229 28.9 19.4 29.2
226 35.1 26.3 39.5

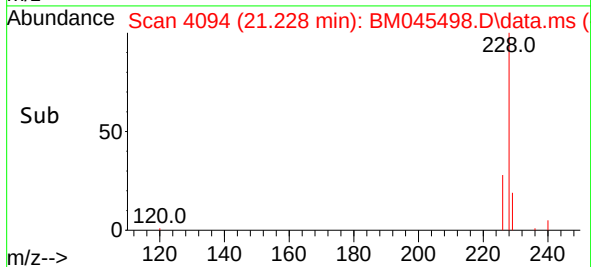
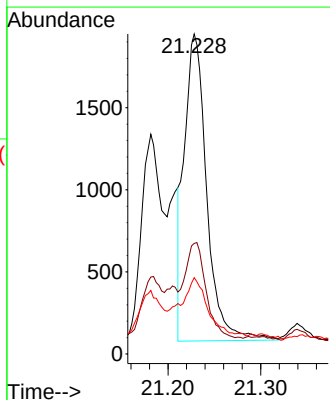
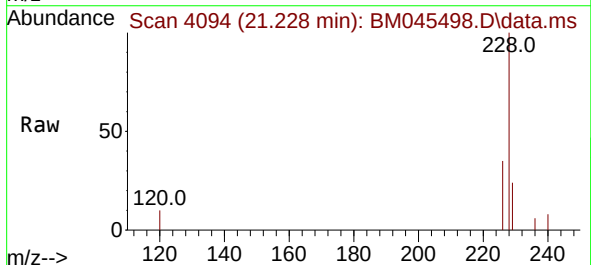
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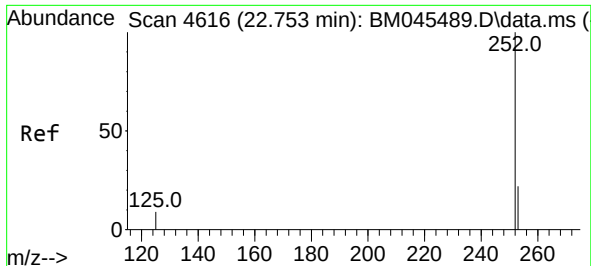
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#22
Chrysene
Concen: 0.211 ng/ul
RT: 21.228 min Scan# 4094
Delta R.T. -0.020 min
Lab File: BM045498.D
Acq: 23 Apr 2024 02:41

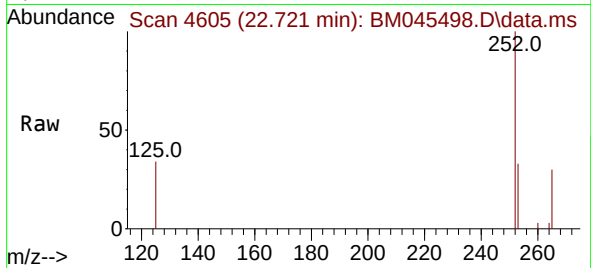
Tgt Ion:228 Resp: 3131
Ion Ratio Lower Upper
228 100
226 34.6 26.3 39.5
229 23.9 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 0.482 ng/ul m
RT: 22.721 min Scan# 4605
Delta R.T. -0.032 min
Lab File: BM045498.D
Acq: 23 Apr 2024 02:41

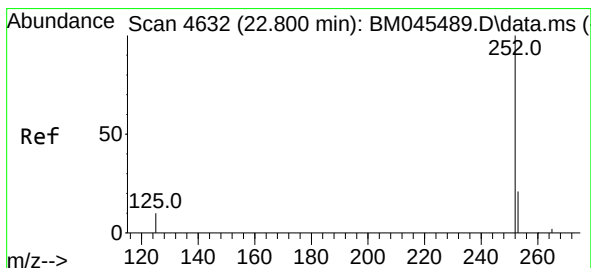
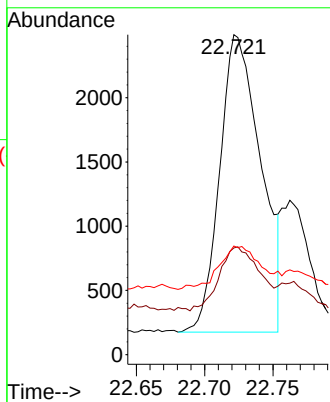
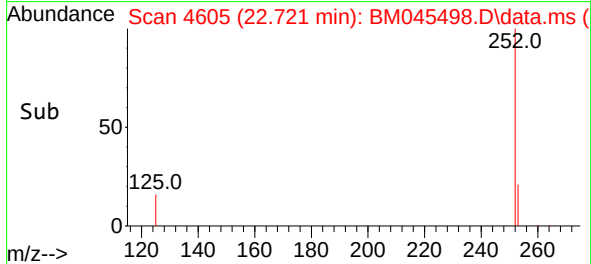
Instrument :
BNA_M
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E1CY6



Tgt Ion:252 Resp: 484
Ion Ratio Lower Upper
252 100
253 33.3 0.0 63.4
125 34.0 0.0 36.8

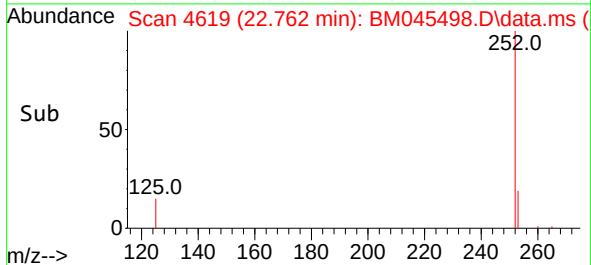
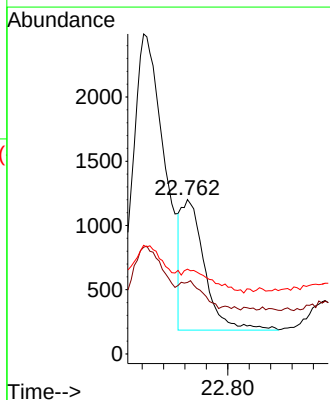
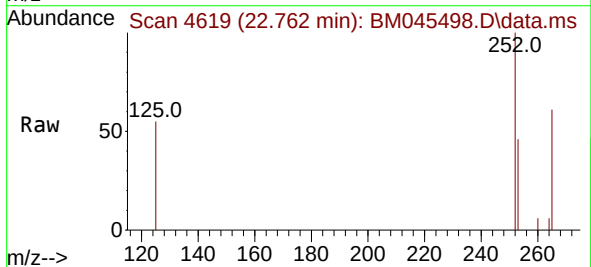
Manual Integrations
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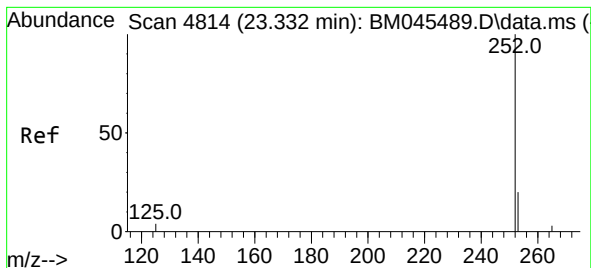
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#25
Benzo(k)fluoranthene
Concen: 0.123 ng/ul m
RT: 22.762 min Scan# 4619
Delta R.T. -0.038 min
Lab File: BM045498.D
Acq: 23 Apr 2024 02:41

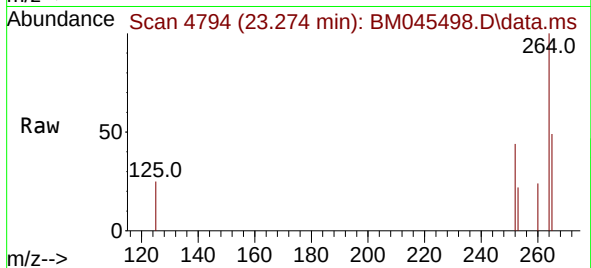
Tgt Ion:252 Resp: 1562
Ion Ratio Lower Upper
252 100
253 46.3 25.4 38.0#
125 54.9 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.204 ng/ul
RT: 23.274 min Scan# 4794
Delta R.T. -0.058 min
Lab File: BM045498.D
Acq: 23 Apr 2024 02:41

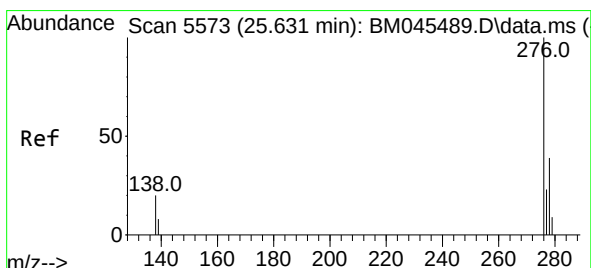
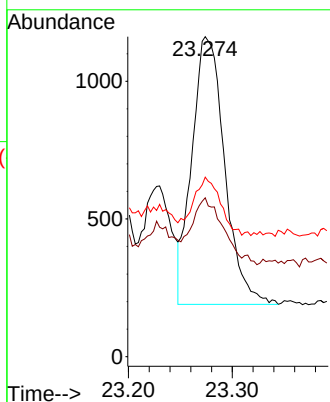
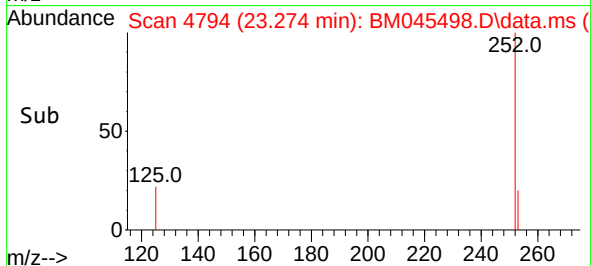
Instrument :
BNA_M
ClientSampleId :
E1CY6



Tgt Ion:252 Resp: 2129
Ion Ratio Lower Upper
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125 56.1 19.5 29.3

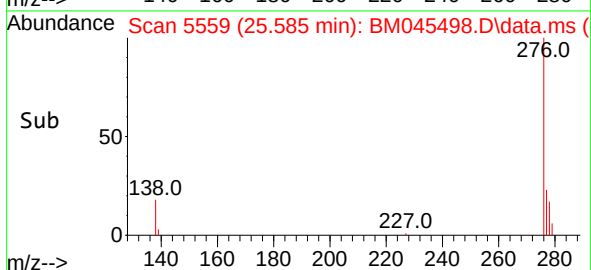
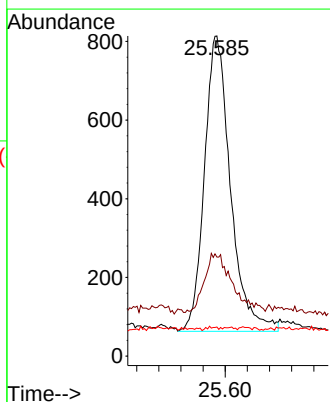
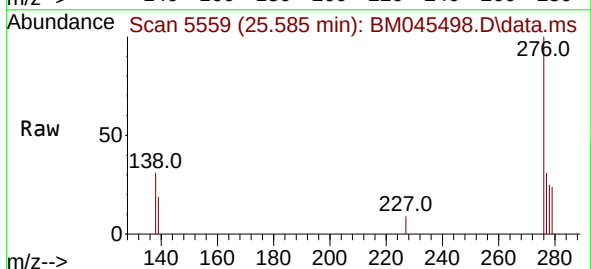
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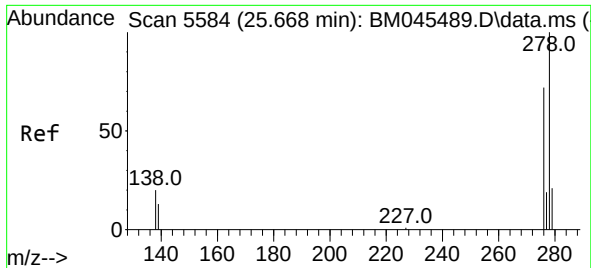
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.162 ng/ul
RT: 25.585 min Scan# 5559
Delta R.T. -0.047 min
Lab File: BM045498.D
Acq: 23 Apr 2024 02:41

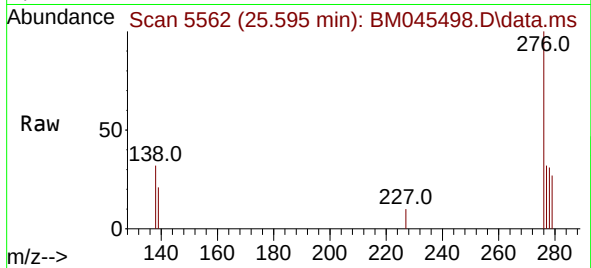
Tgt Ion:276 Resp: 2453
Ion Ratio Lower Upper
276 100
138 22.6 19.8 29.6
227 0.6 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.051 ng/ul
RT: 25.595 min Scan# 51
Delta R.T. -0.073 min
Lab File: BM045498.D
Acq: 23 Apr 2024 02:41

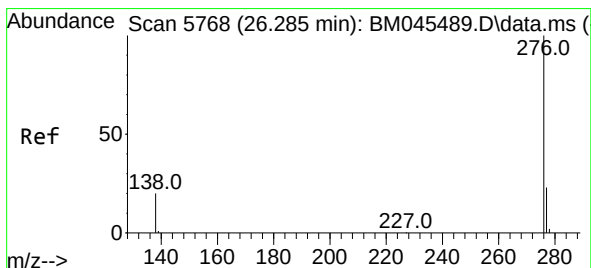
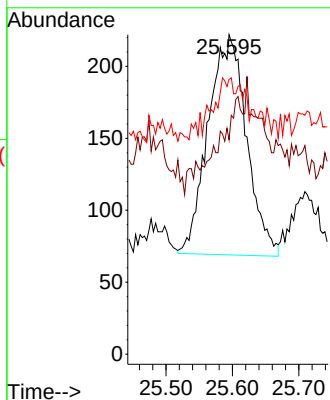
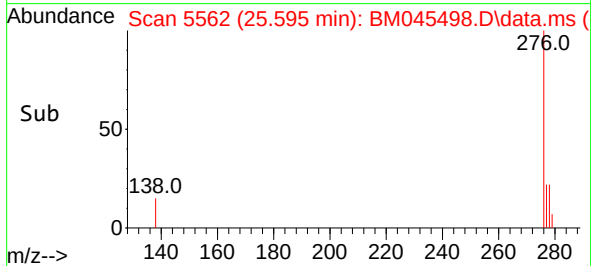
Instrument :
BNA_M
ClientSampleId :
E1CY6



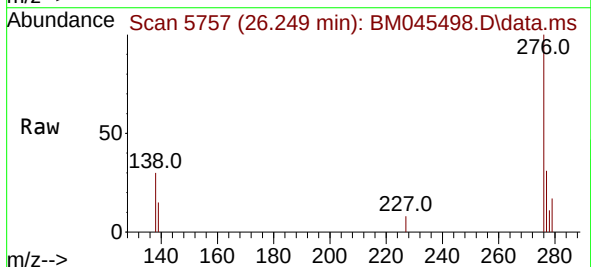
Tgt Ion:278 Resp: 61
Ion Ratio Lower Upper
278 100
139 67.1 19.0 28.6
279 86.0 29.4 44.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.204 ng/ul
RT: 26.249 min Scan# 5757
Delta R.T. -0.036 min
Lab File: BM045498.D
Acq: 23 Apr 2024 02:41



Tgt Ion:276 Resp: 2781
Ion Ratio Lower Upper
276 100
138 30.2 20.8 31.2
277 30.7 21.8 32.8

