

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038282.D
 Acq On : 24 Dec 2022 22:08
 Operator : CG/JU
 Sample : N6016-06
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYC2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 25 02:57:53 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	3622	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	10846	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	6542	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	12794	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	9376	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	8618	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	15174	4.118	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	4666	0.292	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	9950	0.283	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.889	128	1183	0.037	ng/ul#	83
7) 2-Methylnaphthalene	12.495	142	475	0.024	ng/ul	97
14) Pentachlorophenol	17.050	266	298	0.047	ng/ul	96
15) Phenanthrene	17.438	178	7299	0.170	ng/ul	96
16) Anthracene	17.527	178	1426	0.035	ng/ul#	77
19) Fluoranthene	19.445	202	22183	0.432	ng/ul#	94
20) Pyrene	19.808	202	18641m	0.359	ng/ul	
21) Benzo(a)anthracene	21.548	228	10605	0.258	ng/ul	95
22) Chrysene	21.603	228	12876	0.322	ng/ul	96
24) Benzo(b)fluoranthene	23.263	252	19909	0.522	ng/ul	98
25) Benzo(k)fluoranthene	23.307	252	6944m	0.189	ng/ul	
26) Benzo(a)pyrene	23.901	252	13041	0.392	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.562	276	11191	0.242	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.572	278	2866	0.080	ng/ul#	47
29) Benzo(g,h,i)perylene	27.357	276	11545	0.297	ng/ul	98

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

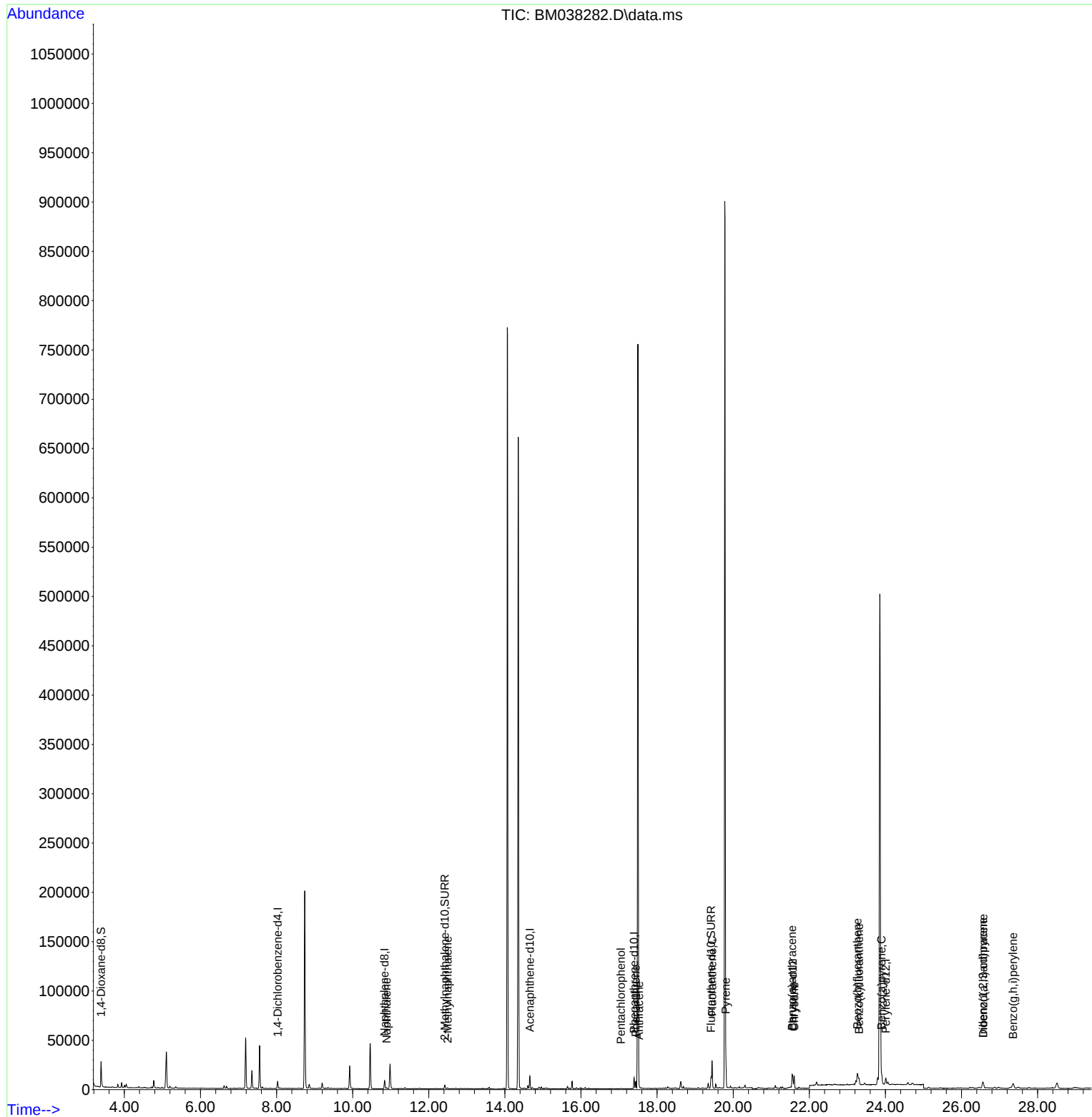
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038282.D
Acq On : 24 Dec 2022 22:08
Operator : CG/JU
Sample : N6016-06
Misc :
ALS Vial : 90 Sample Multiplier: 1

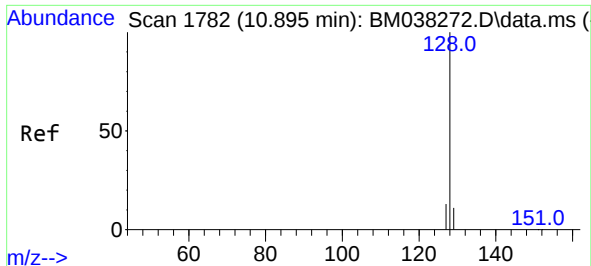
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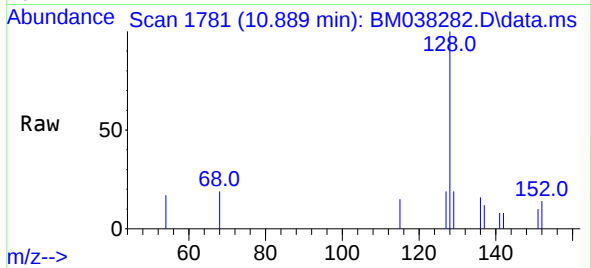
Quant Time: Dec 25 02:57:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
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#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.889 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM038282.D
Acq: 24 Dec 2022 22:08

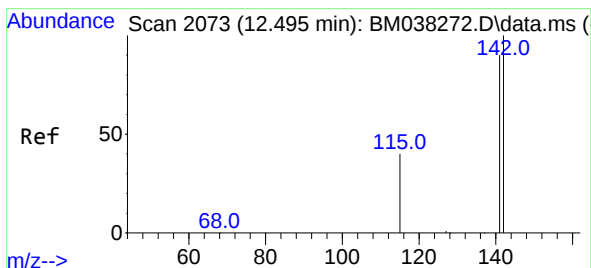
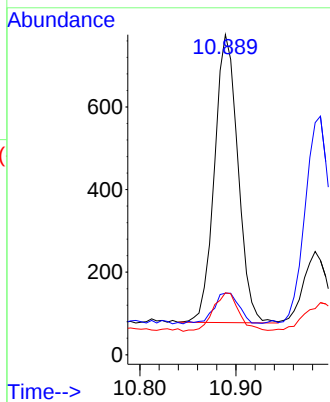
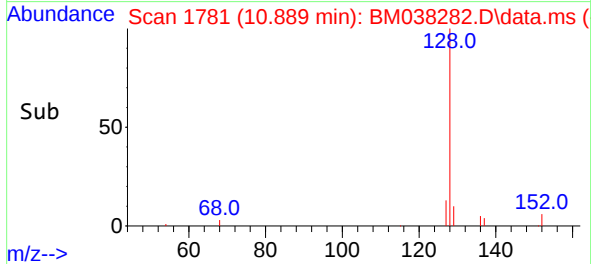
Instrument :
BNA_M
ClientSampleId :
DBYC2



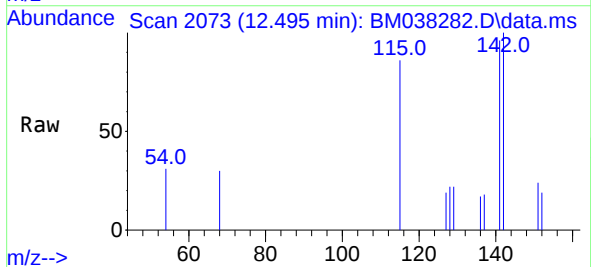
Tgt Ion:128 Resp: 118
Ion Ratio Lower Upper
128 100
129 19.2 9.4 14.0
127 19.4 10.7 16.1

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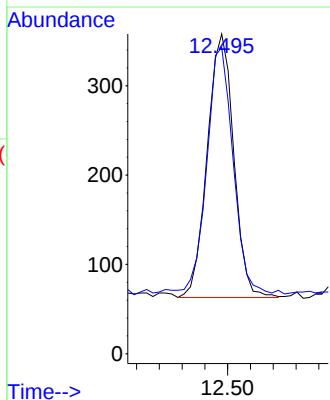
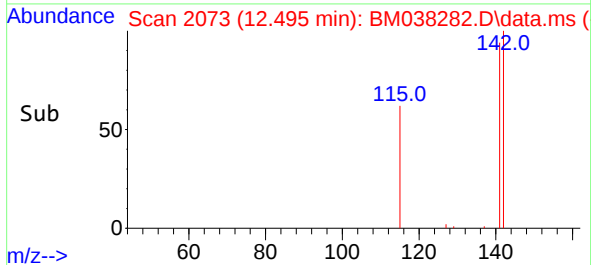
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

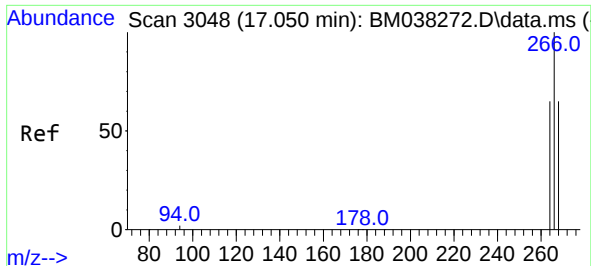


#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038282.D
Acq: 24 Dec 2022 22:08



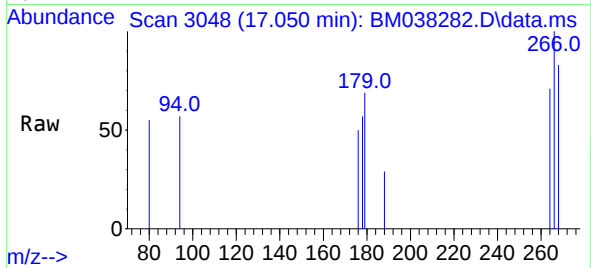
Tgt Ion:142 Resp: 475
Ion Ratio Lower Upper
142 100
141 92.4 71.9 107.9





#14
Pentachlorophenol
Concen: 0.047 ng/u1
RT: 17.050 min Scan# 3048
Delta R.T. 0.000 min
Lab File: BM038282.D
Acq: 24 Dec 2022 22:08

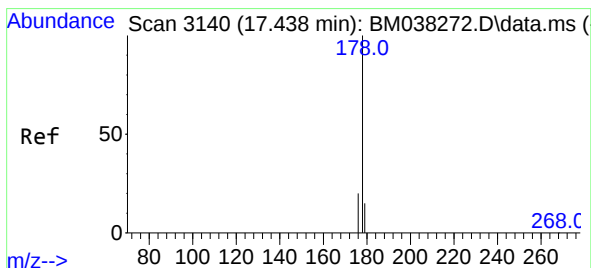
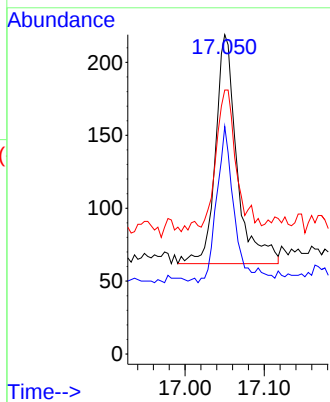
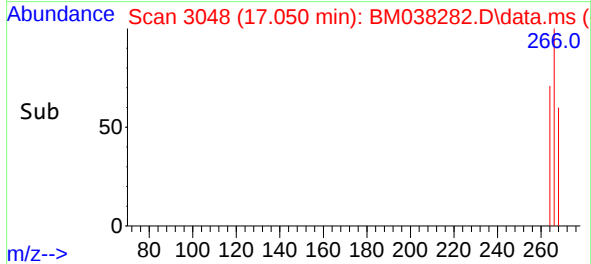
Instrument :
BNA_M
ClientSampleId :
DBYC2



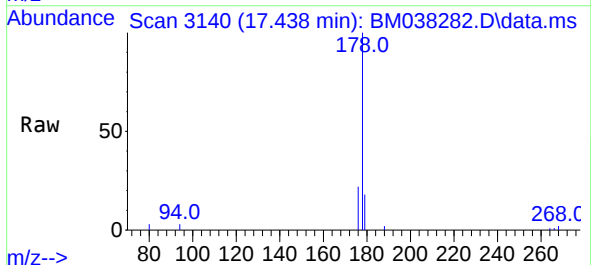
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Ion Ratio Lower Upper
266 100
264 56.4 49.9 74.9
268 63.1 51.2 76.8

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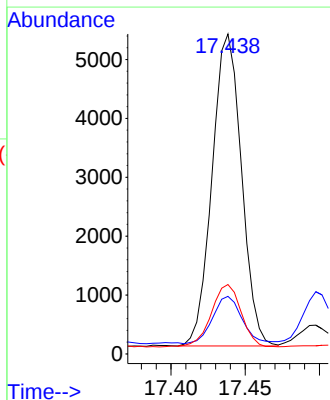
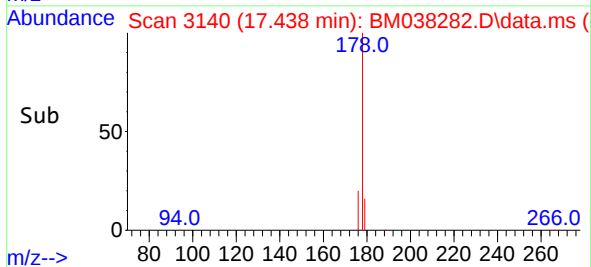
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

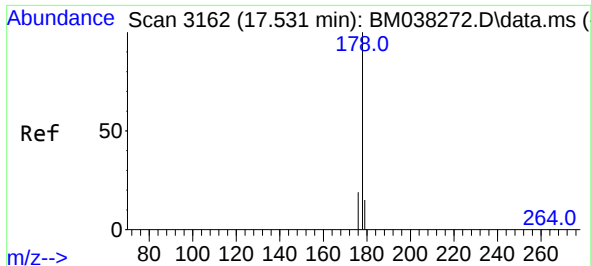


#15
Phenanthrene
Concen: 0.170 ng/u1
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038282.D
Acq: 24 Dec 2022 22:08



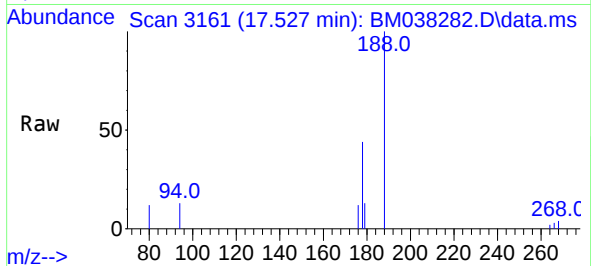
Tgt Ion:178 Resp: 7299
Ion Ratio Lower Upper
178 100
179 18.0 13.0 19.4
176 21.7 16.2 24.4





#16
 Anthracene
 Concen: 0.035 ng/ul
 RT: 17.527 min Scan# 3161
 Delta R.T. -0.004 min
 Lab File: BM038282.D
 Acq: 24 Dec 2022 22:08

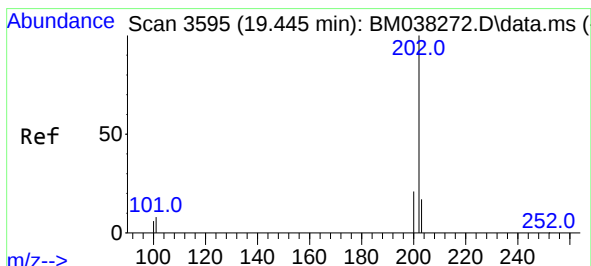
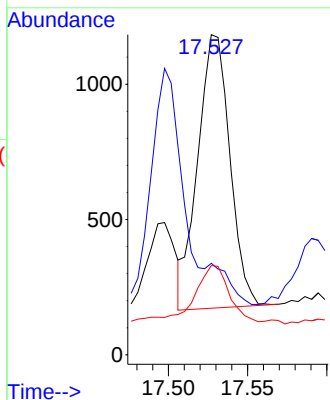
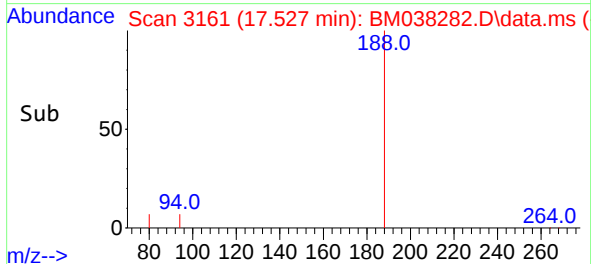
Instrument :
 BNA_M
 ClientSampleId :
 DBYC2



Tgt Ion:	178	Resp:	1420
Ion	Ratio	Lower	Upper
178	100		
179	28.6	13.0	19.6
176	27.9	15.6	23.4

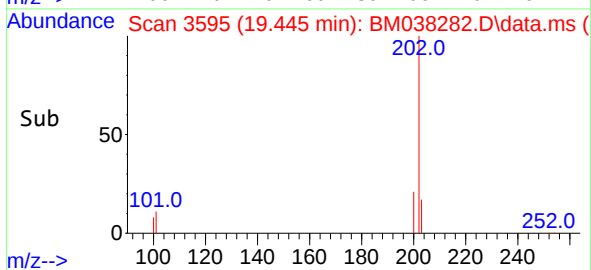
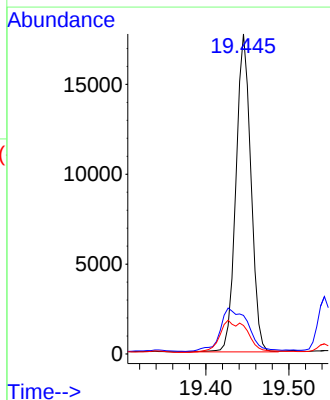
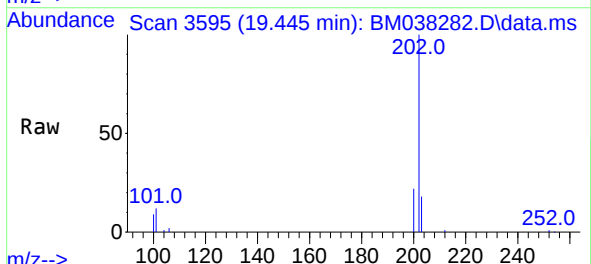
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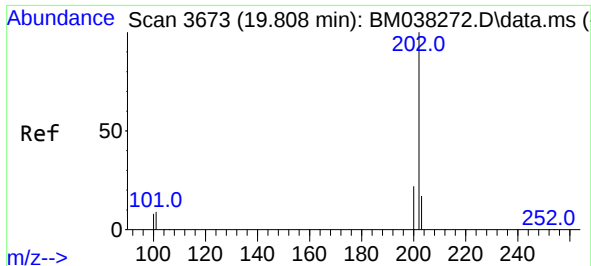
Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022



#19
 Fluoranthene
 Concen: 0.432 ng/ul
 RT: 19.445 min Scan# 3595
 Delta R.T. -0.005 min
 Lab File: BM038282.D
 Acq: 24 Dec 2022 22:08

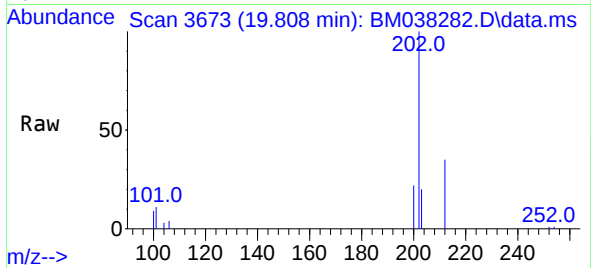
Tgt Ion:	202	Resp:	22183
Ion	Ratio	Lower	Upper
202	100		
101	12.0	7.5	11.3
100	8.9	5.6	8.4





#20
Pyrene
Concen: 0.359 ng/ul m
RT: 19.808 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM038282.D
Acq: 24 Dec 2022 22:08

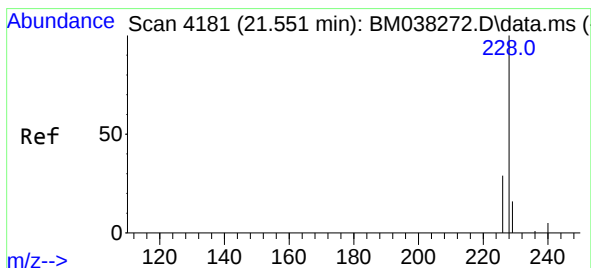
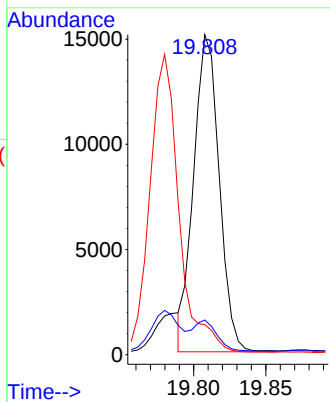
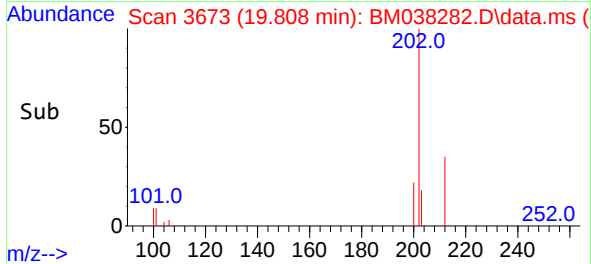
Instrument :
BNA_M
ClientSampleId :
DBYC2



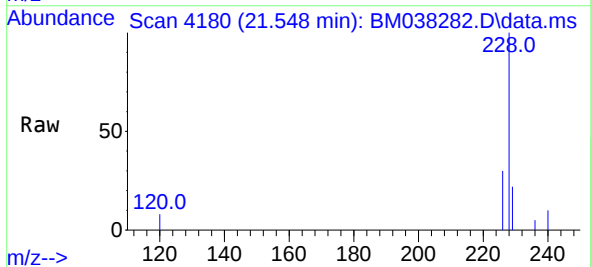
Tgt Ion:202 Resp: 1864
Ion Ratio Lower Upper
202 100
101 10.9 8.9 13.3
100 9.4 7.4 11.0

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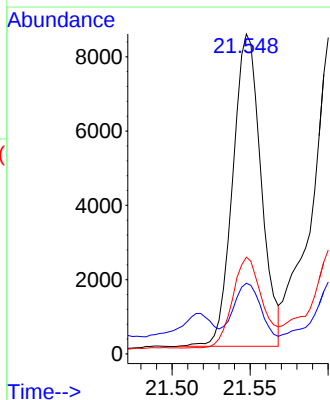
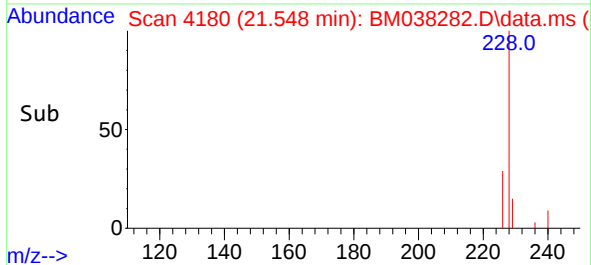
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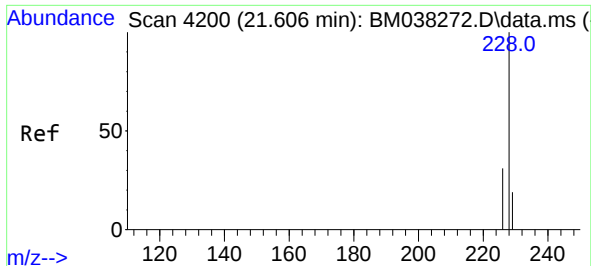


#21
Benzo(a)anthracene
Concen: 0.258 ng/ul
RT: 21.548 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BM038282.D
Acq: 24 Dec 2022 22:08



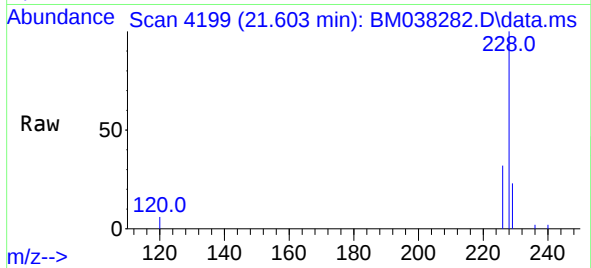
Tgt Ion:228 Resp: 10605
Ion Ratio Lower Upper
228 100
229 22.1 15.5 23.3
226 30.2 22.2 33.2





#22
Chrysene
Concen: 0.322 ng/u1
RT: 21.603 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM038282.D
Acq: 24 Dec 2022 22:08

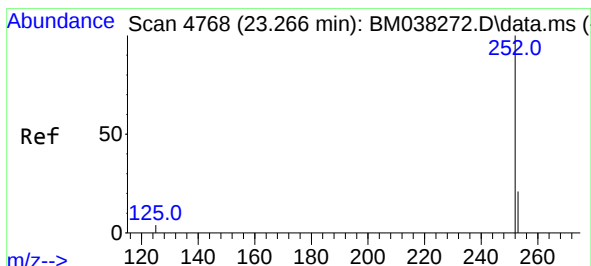
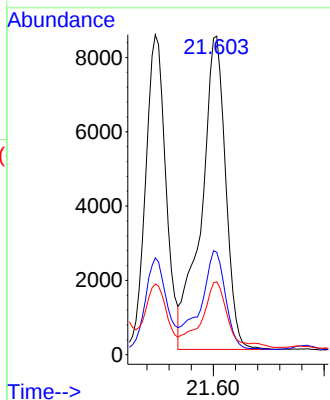
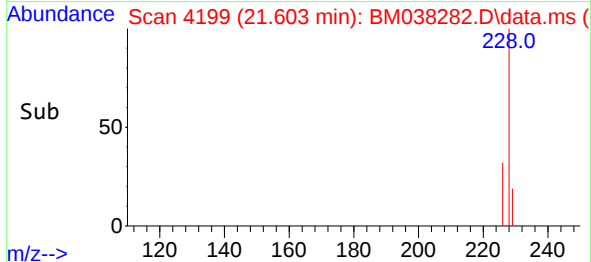
Instrument :
BNA_M
ClientSampleId :
DBYC2



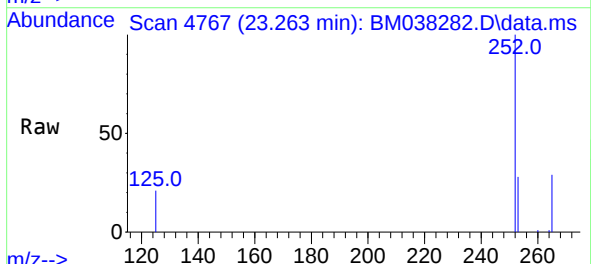
Tgt Ion:228 Resp: 12870
Ion Ratio Lower Upper
228 100
226 32.2 25.0 37.4
229 22.9 16.0 24.0

Manual Integrations
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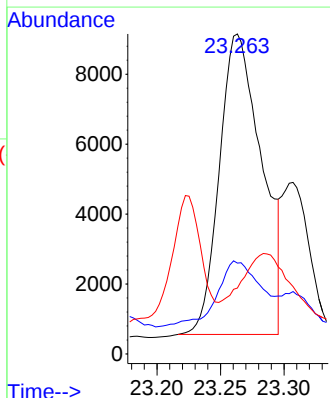
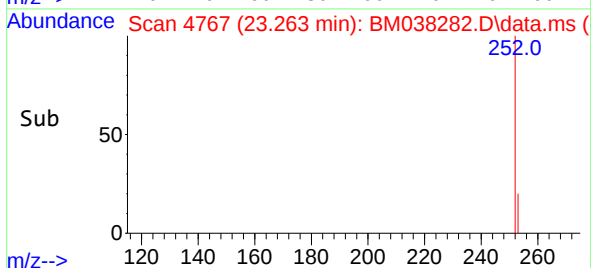
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

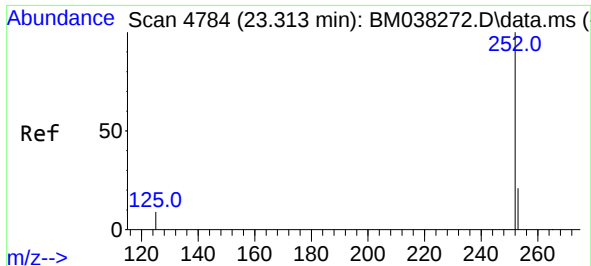


#24
Benzo(b)fluoranthene
Concen: 0.522 ng/u1
RT: 23.263 min Scan# 4767
Delta R.T. -0.003 min
Lab File: BM038282.D
Acq: 24 Dec 2022 22:08



Tgt Ion:252 Resp: 19909
Ion Ratio Lower Upper
252 100
253 28.4 0.0 56.0
125 20.6 0.0 36.6





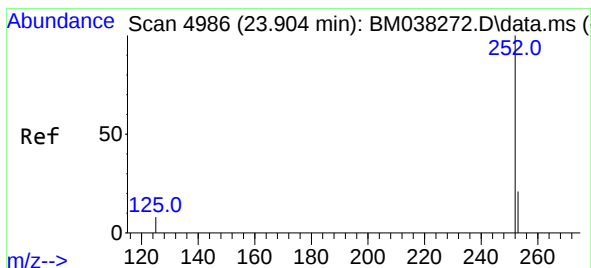
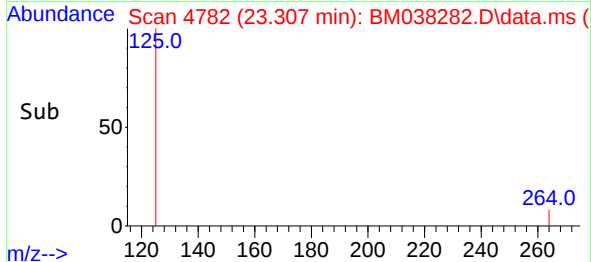
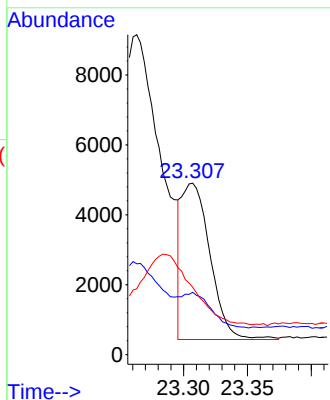
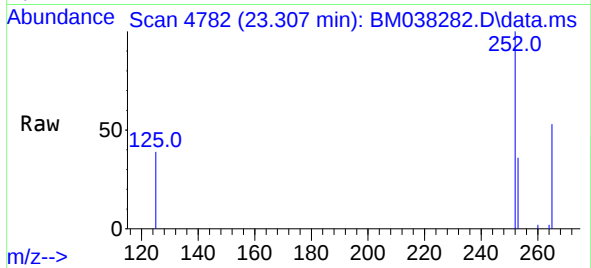
#25
Benzo(k)fluoranthene
Concen: 0.189 ng/ul m
RT: 23.307 min Scan# 4782
Delta R.T. -0.006 min
Lab File: BM038282.D
Acq: 24 Dec 2022 22:08

Instrument :
BNA_M
ClientSampleId :
DBYC2

Tgt Ion:252 Resp: 6944
Ion Ratio Lower Upper
252 100
253 36.3 22.5 33.7
125 39.2 14.4 21.6

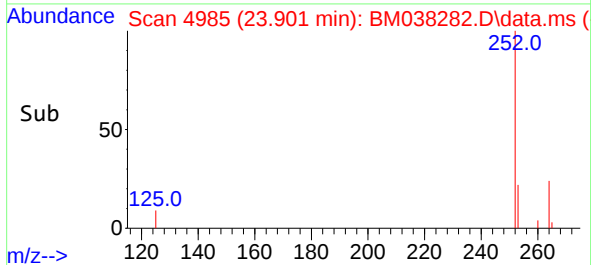
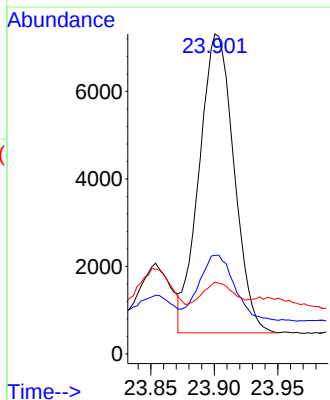
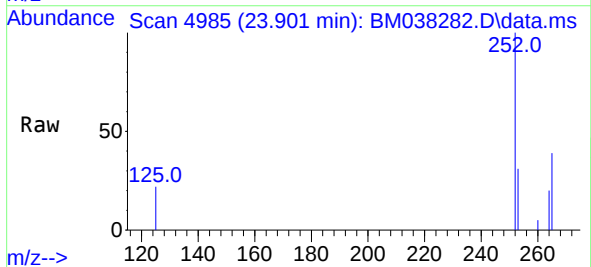
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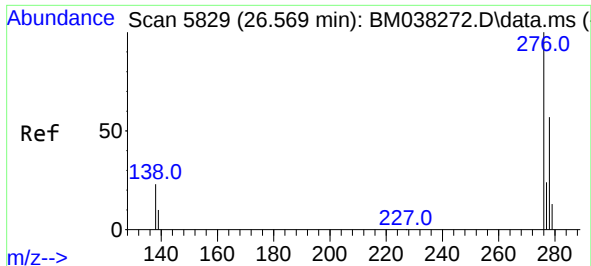
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#26
Benzo(a)pyrene
Concen: 0.392 ng/ul
RT: 23.901 min Scan# 4985
Delta R.T. -0.006 min
Lab File: BM038282.D
Acq: 24 Dec 2022 22:08

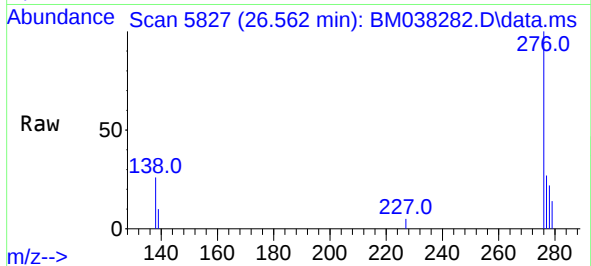
Tgt Ion:252 Resp: 13041
Ion Ratio Lower Upper
252 100
253 30.8 24.2 36.4
125 22.4 17.3 25.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.242 ng/ul
RT: 26.562 min Scan# 5829
Delta R.T. -0.007 min
Lab File: BM038282.D
Acq: 24 Dec 2022 22:08

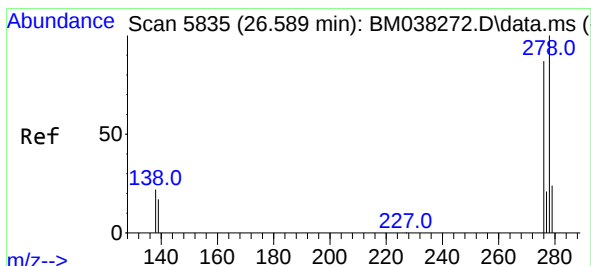
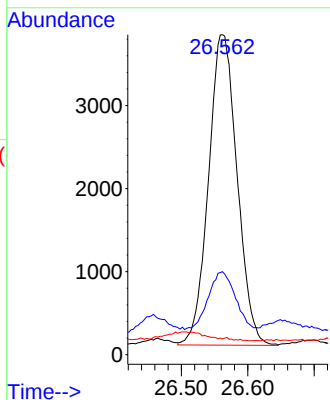
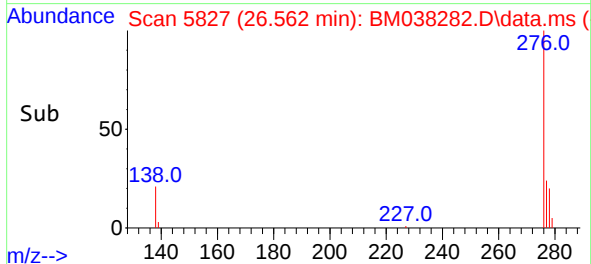
Instrument :
BNA_M
ClientSampleId :
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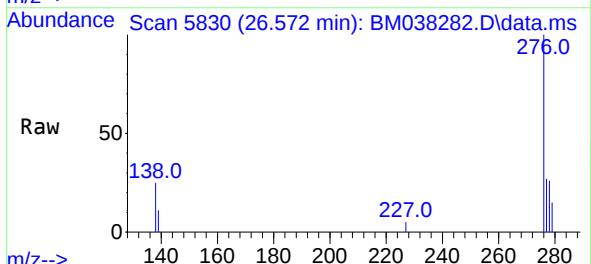
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Ion Ratio Lower Upper
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138 19.6 21.7 32.5
227 0.0 0.0 0.0

Manual Integrations
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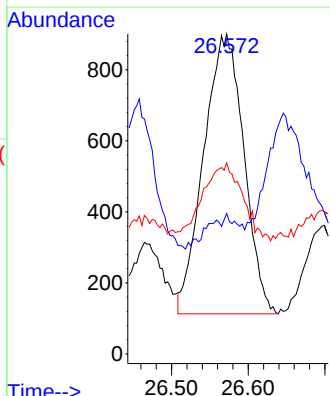
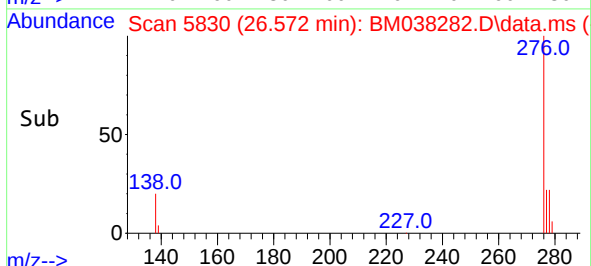
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

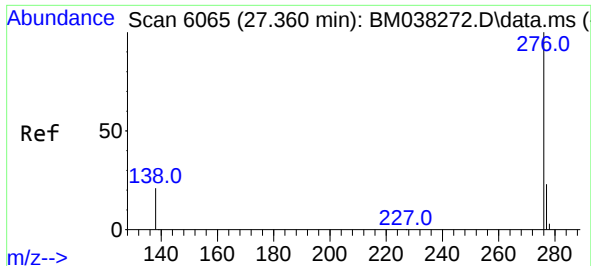


#28
Dibenzo(a,h)anthracene
Concen: 0.080 ng/ul
RT: 26.572 min Scan# 5830
Delta R.T. -0.017 min
Lab File: BM038282.D
Acq: 24 Dec 2022 22:08



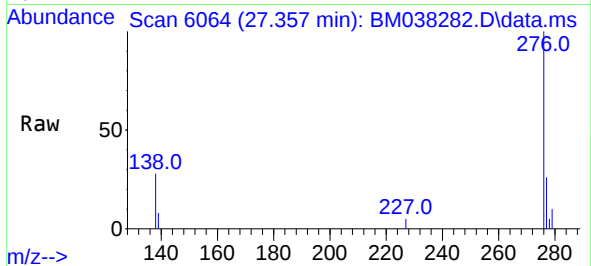
Tgt Ion:278 Resp: 2866
Ion Ratio Lower Upper
278 100
139 43.8 16.8 25.2#
279 59.7 23.4 35.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.297 ng/ul
 RT: 27.357 min Scan# 6064
 Delta R.T. -0.003 min
 Lab File: BM038282.D
 Acq: 24 Dec 2022 22:08

Instrument :
 BNA_M
 ClientSampleId :
 DBYC2



Tgt Ion:276 Resp: 11545
 Ion Ratio Lower Upper
 276 100
 138 27.5 20.8 31.2
 277 26.4 20.5 30.7

Manual Integrations
 APPROVED

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