

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM12222\  
 Data File : BM038228.D  
 Acq On : 23 Dec 2022 11:43  
 Operator : CG/JU  
 Sample : N6014-14  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBXS6

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 12/24/2022  
 Supervised By :Yogesh Patel 12/24/2022

Quant Time: Dec 23 23:22:49 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM12222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 22 23:36:45 2022  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	4902	0.400	ng/ul	0.00
4) Naphthalene-d8	10.851	136	14729	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	8619	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	16785	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	10156	0.400	ng/ul #	0.00
23) Perylene-d12	24.029	264	10574	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	30097	6.036	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	8667	0.400	ng/ul	0.00
18) Fluoranthene-d10	19.427	212	15625	0.410	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.900	128	6939	0.161	ng/ul	97
7) 2-Methylnaphthalene	12.500	142	2847	0.106	ng/ul	100
8) 1-Methylnaphthalene	12.720	142	2846	0.104	ng/ul	98
10) Acenaphthylene	14.389	152	202735	4.262	ng/ul	99
11) Acenaphthene	14.726	153	11043	0.325	ng/ul	99
12) Fluorene	15.712	166	10554	0.287	ng/ul	99
14) Pentachlorophenol	17.059	266	302	0.036	ng/ul	95
15) Phenanthrene	17.447	178	481800	8.577	ng/ul	98
16) Anthracene	17.540	178	171286	3.175	ng/ul	99
19) Fluoranthene	19.455	202	2015707	36.227	ng/ul	99
20) Pyrene	19.822	202	1666808	29.646	ng/ul	95
21) Benzo(a)anthracene	21.559	228	757231	16.999	ng/ul	98
22) Chrysene	21.615	228	679320	15.668	ng/ul	98
24) Benzo(b)fluoranthene	23.281	252	919012	19.635	ng/ul	87
25) Benzo(k)fluoranthene	23.325	252	306734m	6.822	ng/ul	
26) Benzo(a)pyrene	23.921	252	509724	12.481	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.589	276	360430	6.364	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.602	278	90110	2.048	ng/ul	96
29) Benzo(g,h,i)perylene	27.390	276	324327	6.805	ng/ul	94

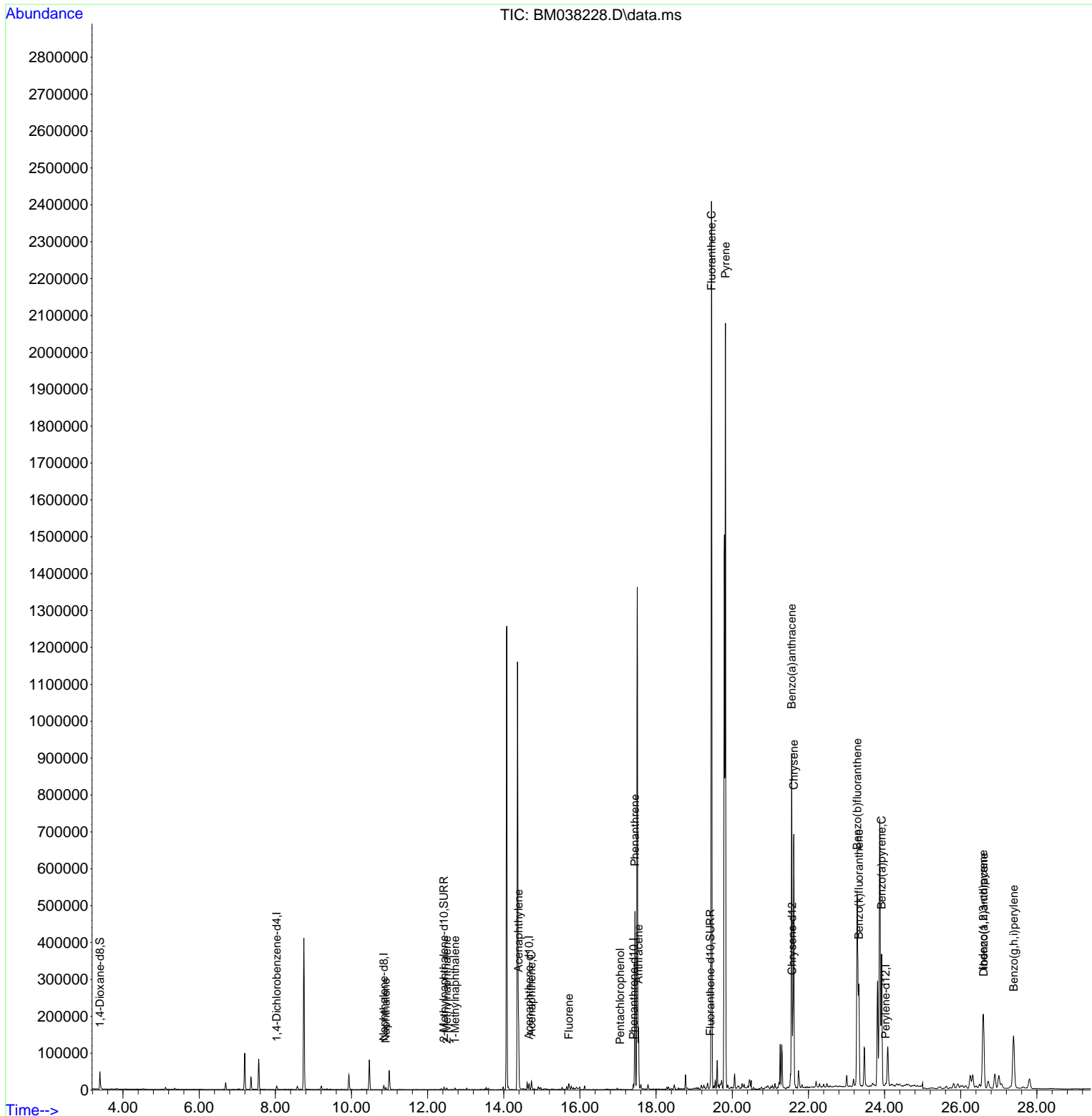
(#) = qualifier out of range (m) = manual integration (+) = signals summed

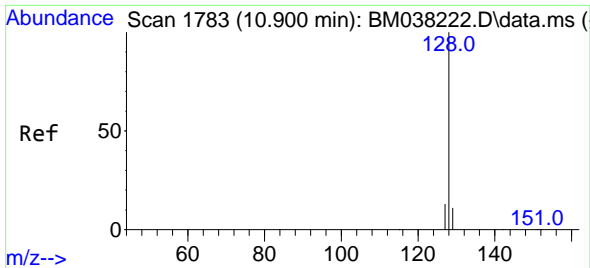
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122222\  
 Data File : BM038228.D  
 Acq On : 23 Dec 2022 11:43  
 Operator : CG/JU  
 Sample : N6014-14  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

**Instrument :**  
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Quant Time: Dec 23 23:22:49 2022  
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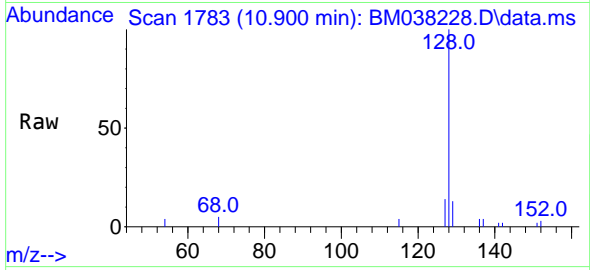
**Manual Integrations**  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 12/24/2022  
 Supervised By :Yogesh Patel 12/24/2022





#5  
 Naphthalene  
 Concen: 0.161 ng/u1  
 RT: 10.900 min Scan# 1783  
 Delta R.T. -0.005 min  
 Lab File: BM038228.D  
 Acq: 23 Dec 2022 11:43

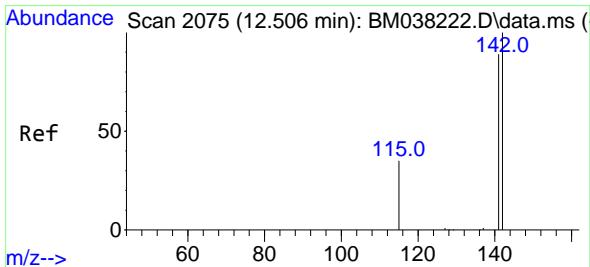
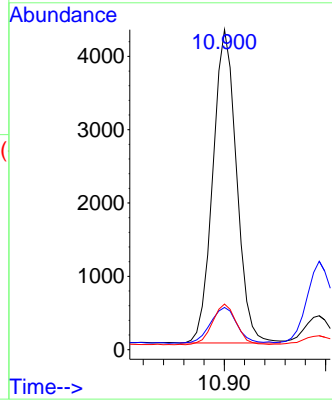
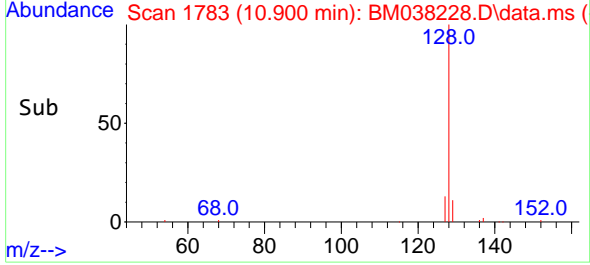
Instrument : BNA\_M  
 ClientSampleId : DBXS6



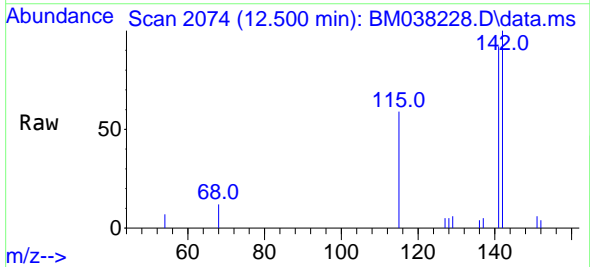
Tgt Ion:128 Resp: 6939  
 Ion Ratio Lower Upper  
 128 100  
 129 13.2 9.4 14.0  
 127 14.2 10.7 16.1

Manual Integrations  
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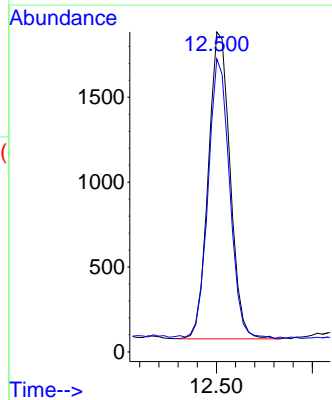
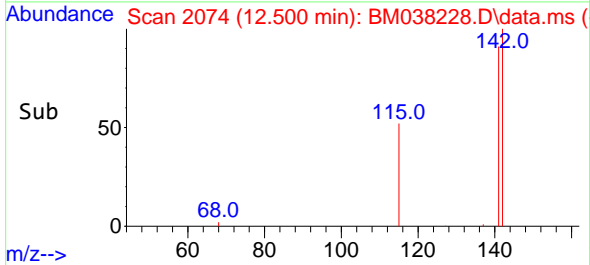
Reviewed By :Jagrut Upadhyay 12/24/2022  
 Supervised By :Yogesh Patel 12/24/2022

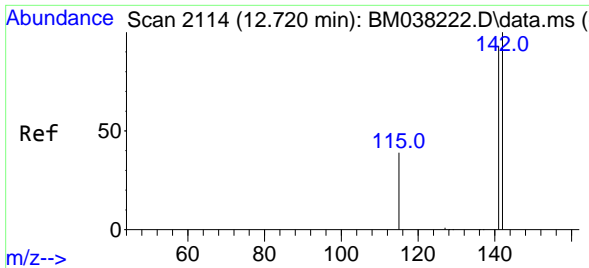


#7  
 2-Methylnaphthalene  
 Concen: 0.106 ng/u1  
 RT: 12.500 min Scan# 2074  
 Delta R.T. -0.005 min  
 Lab File: BM038228.D  
 Acq: 23 Dec 2022 11:43



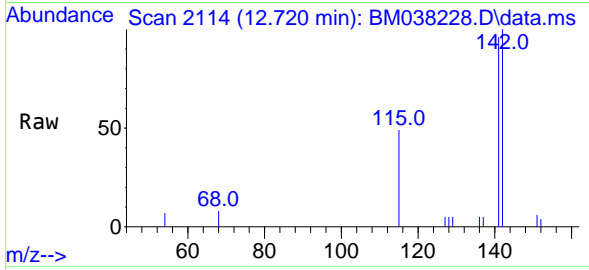
Tgt Ion:142 Resp: 2847  
 Ion Ratio Lower Upper  
 142 100  
 141 89.7 71.9 107.9





#8  
 1-Methylnaphthalene  
 Concen: 0.104 ng/u1  
 RT: 12.720 min Scan# 2114  
 Delta R.T. -0.005 min  
 Lab File: BM038228.D  
 Acq: 23 Dec 2022 11:43

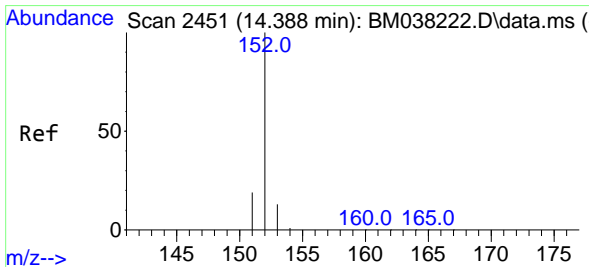
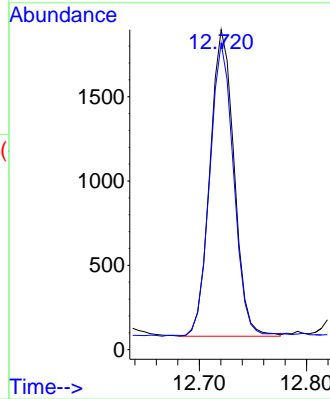
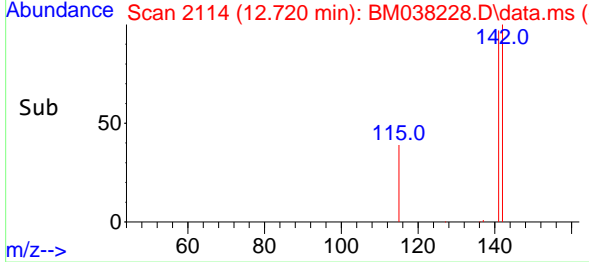
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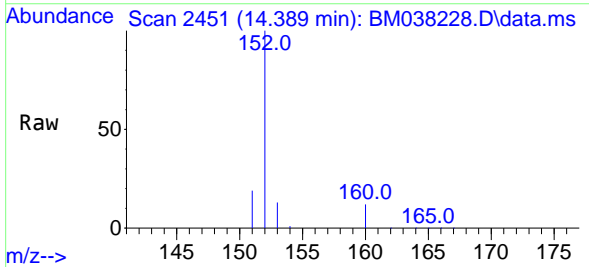
Tgt Ion:142 Resp: 2840  
 Ion Ratio Lower Upper  
 142 100  
 141 95.0 74.7 112.1

Manual Integrations  
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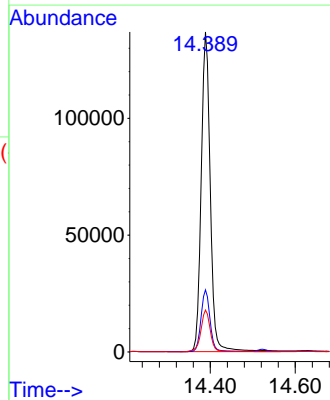
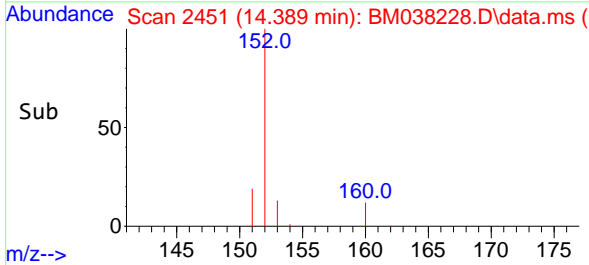
Reviewed By :Jagrut Upadhyay 12/24/2022  
 Supervised By :Yogesh Patel 12/24/2022

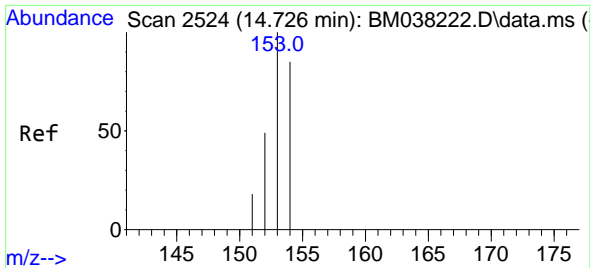


#10  
 Acenaphthylene  
 Concen: 4.262 ng/u1  
 RT: 14.389 min Scan# 2451  
 Delta R.T. 0.000 min  
 Lab File: BM038228.D  
 Acq: 23 Dec 2022 11:43



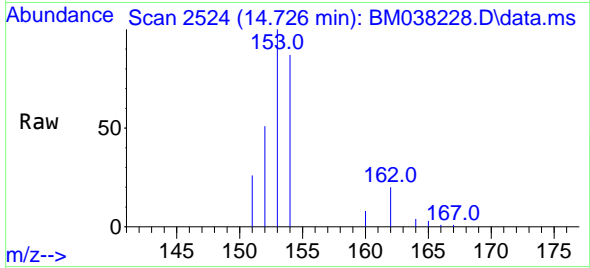
Tgt Ion:152 Resp: 202735  
 Ion Ratio Lower Upper  
 152 100  
 151 19.4 16.2 24.2  
 153 13.1 10.7 16.1





#11  
 Acenaphthene  
 Concen: 0.325 ng/u1  
 RT: 14.726 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BM038228.D  
 Acq: 23 Dec 2022 11:43

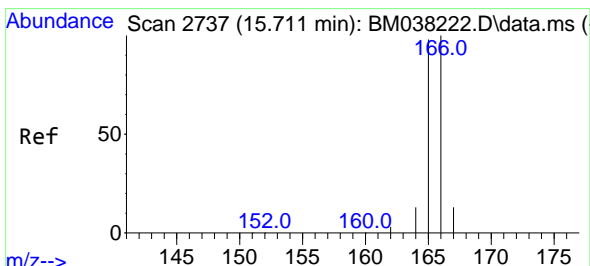
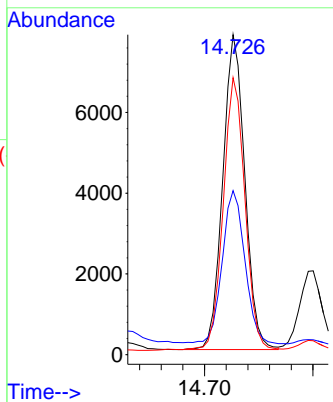
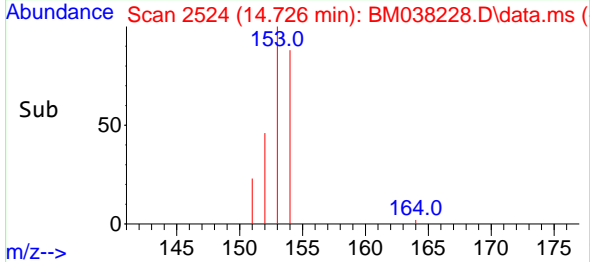
Instrument :  
 BNA\_M  
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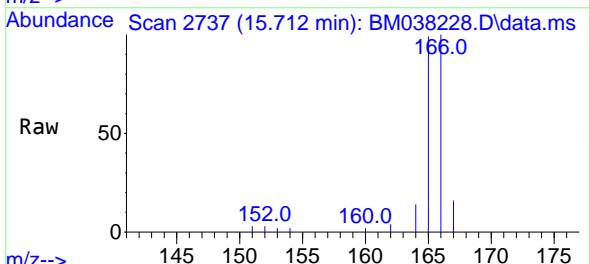
Tgt Ion:153 Resp: 1104  
 Ion Ratio Lower Upper  
 153 100  
 152 51.3 39.4 59.0  
 154 86.5 69.0 103.4

Manual Integrations  
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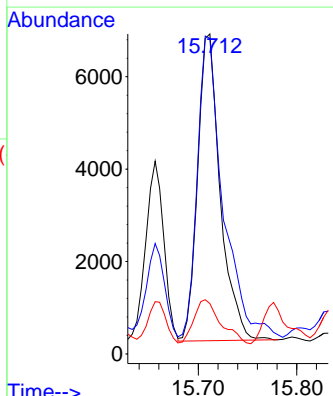
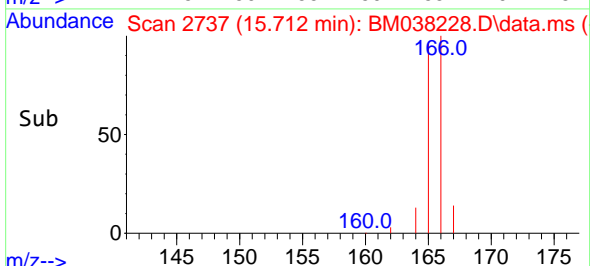
Reviewed By :Jagrut Upadhyay 12/24/2022  
 Supervised By :Yogesh Patel 12/24/2022

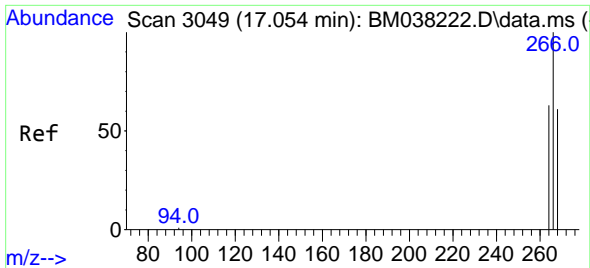


#12  
 Fluorene  
 Concen: 0.287 ng/u1  
 RT: 15.712 min Scan# 2737  
 Delta R.T. 0.000 min  
 Lab File: BM038228.D  
 Acq: 23 Dec 2022 11:43



Tgt Ion:166 Resp: 10554  
 Ion Ratio Lower Upper  
 166 100  
 165 98.7 79.0 118.6  
 167 15.7 11.0 16.6





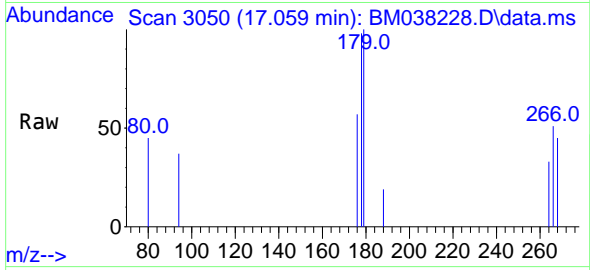
#14  
 Pentachlorophenol  
 Concen: 0.036 ng/u1  
 RT: 17.059 min Scan# 3049  
 Delta R.T. 0.000 min  
 Lab File: BM038228.D  
 Acq: 23 Dec 2022 11:43

Instrument :

BNA\_M

Client Sample Id :

DBXS6



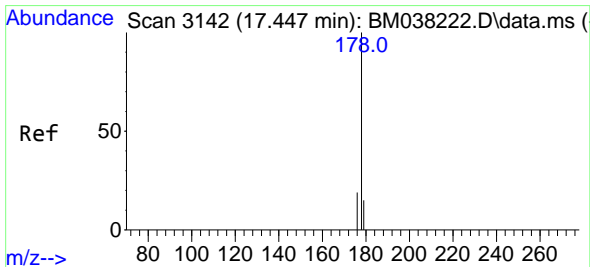
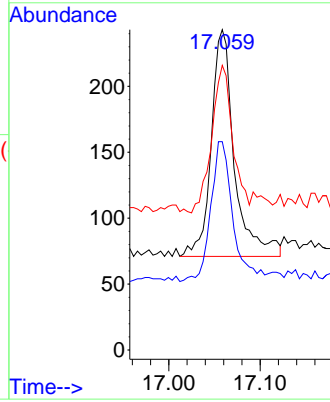
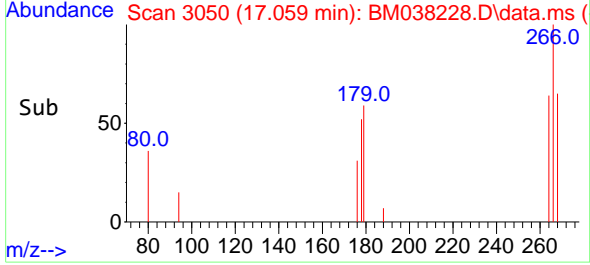
Tgt Ion: 266 Resp: 3049

Ion	Ratio	Lower	Upper
266	100		
264	59.6	49.9	74.9
268	59.3	51.2	76.8

Manual Integrations

APPROVED

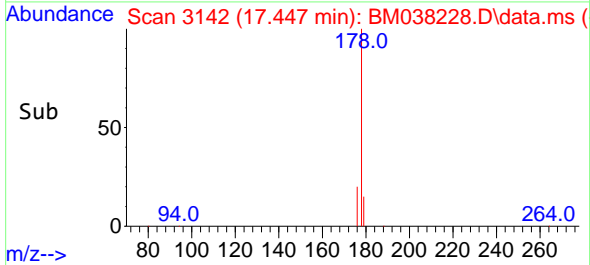
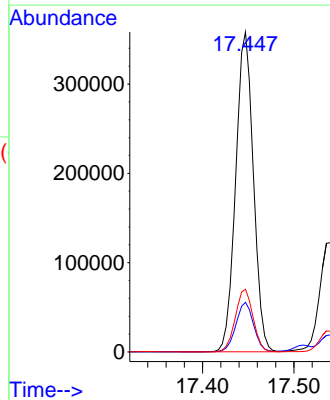
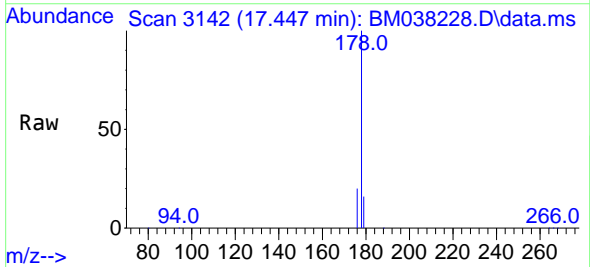
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 Supervised By :Yogesh Patel 12/24/2022

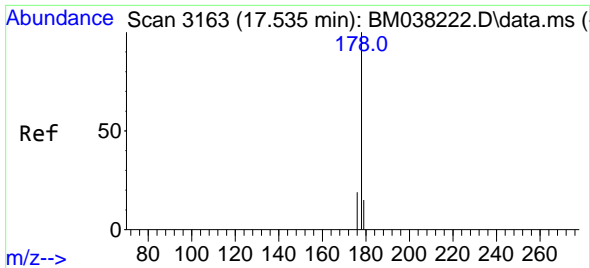


#15  
 Phenanthrene  
 Concen: 8.577 ng/u1  
 RT: 17.447 min Scan# 3142  
 Delta R.T. 0.000 min  
 Lab File: BM038228.D  
 Acq: 23 Dec 2022 11:43

Tgt Ion: 178 Resp: 481800

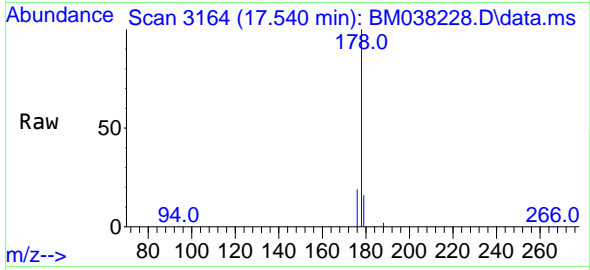
Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.4
176	19.6	16.2	24.4





#16  
 Anthracene  
 Concen: 3.175 ng/u1  
 RT: 17.540 min Scan# 3163  
 Delta R.T. 0.000 min  
 Lab File: BM038228.D  
 Acq: 23 Dec 2022 11:43

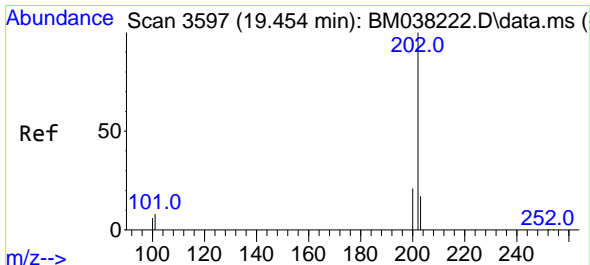
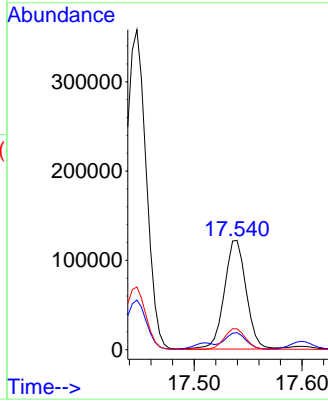
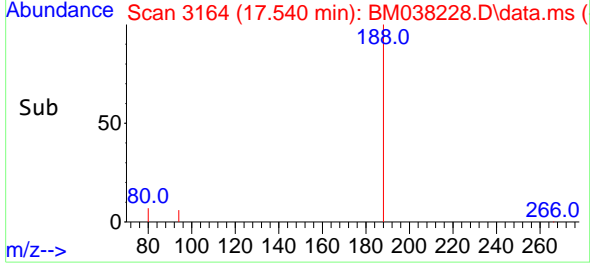
Instrument : BNA\_M  
 Client Sample Id : DBXS6



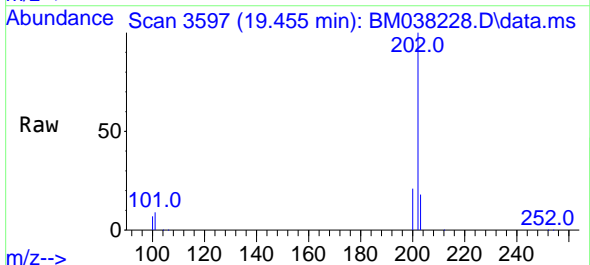
Tgt Ion:178 Resp: 171286

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.6
176	19.1	15.6	23.4

Manual Integrations  
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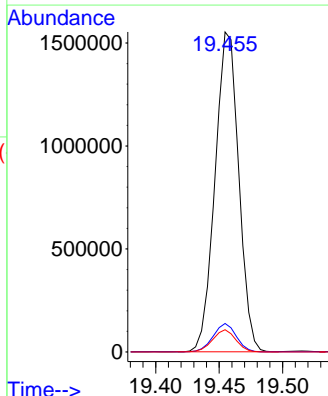
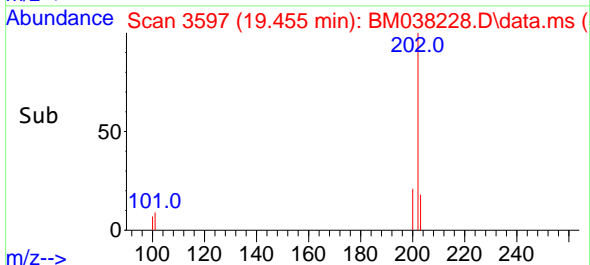


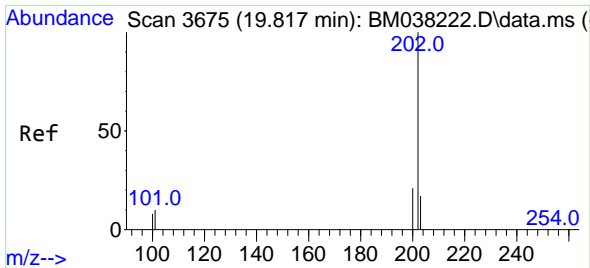
#19  
 Fluoranthene  
 Concen: 36.227 ng/u1  
 RT: 19.455 min Scan# 3597  
 Delta R.T. 0.000 min  
 Lab File: BM038228.D  
 Acq: 23 Dec 2022 11:43



Tgt Ion:202 Resp: 2015707

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.5	11.3
100	6.9	5.6	8.4





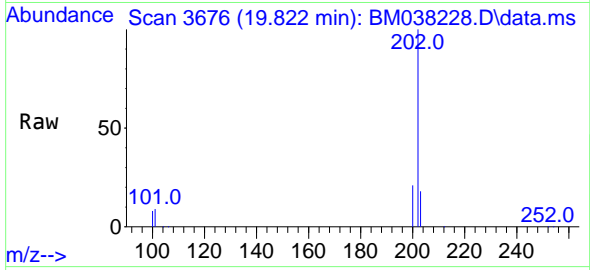
#20  
 Pyrene  
 Concen: 29.646 ng/u1  
 RT: 19.822 min Scan# 30  
 Delta R.T. 0.005 min  
 Lab File: BM038228.D  
 Acq: 23 Dec 2022 11:43

Instrument :

BNA\_M

ClientSampleId :

DBXS6

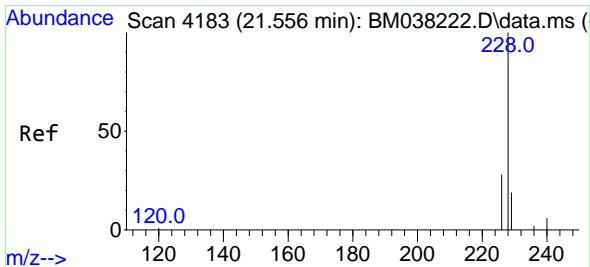
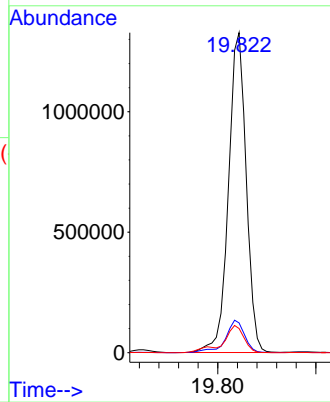
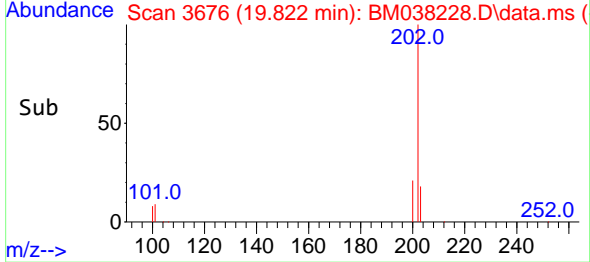


Tgt Ion:202 Resp: 1666808  
 Ion Ratio Lower Upper  
 202 100  
 101 9.3 8.9 13.3  
 100 7.6 7.4 11.0

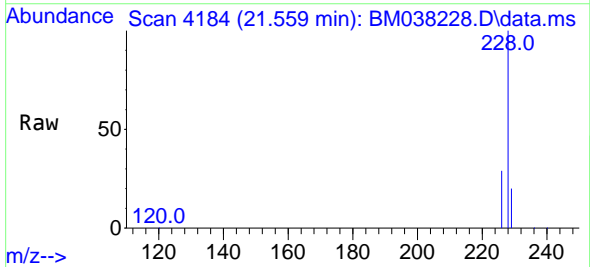
Manual Integrations

APPROVED

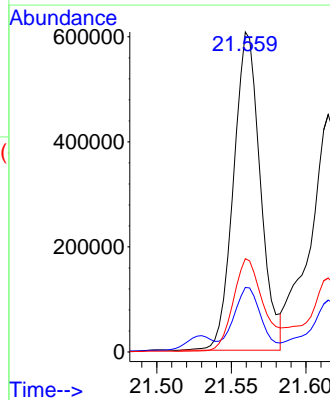
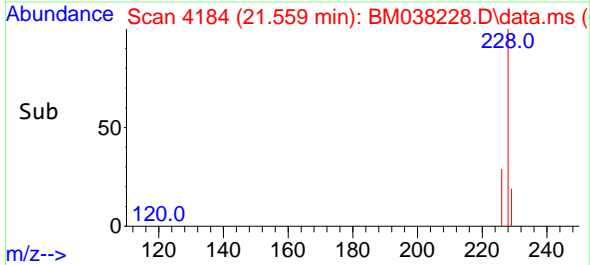
Reviewed By :Jagrut Upadhyay 12/24/2022  
 Supervised By :Yogesh Patel 12/24/2022



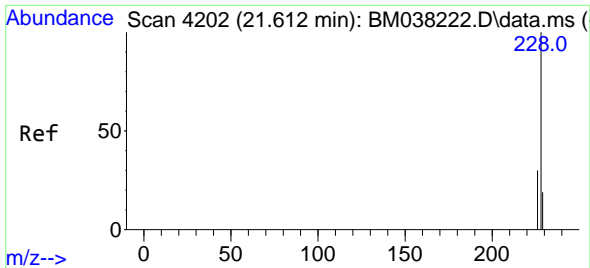
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 Benzo(a)anthracene  
 Concen: 16.999 ng/u1  
 RT: 21.559 min Scan# 4184  
 Delta R.T. 0.000 min  
 Lab File: BM038228.D  
 Acq: 23 Dec 2022 11:43



Tgt Ion:228 Resp: 757231  
 Ion Ratio Lower Upper  
 228 100  
 229 20.1 15.5 23.3  
 226 29.2 22.2 33.2

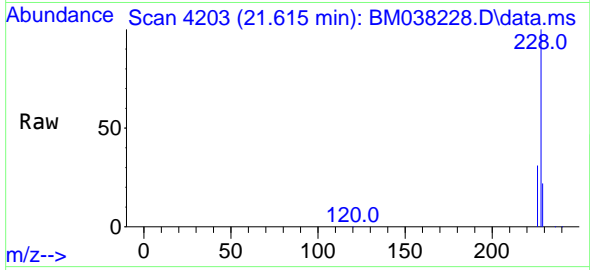






#22  
 Chrysene  
 Concen: 15.668 ng/u1  
 RT: 21.615 min Scan# 41  
 Delta R.T. 0.003 min  
 Lab File: BM038228.D  
 Acq: 23 Dec 2022 11:43

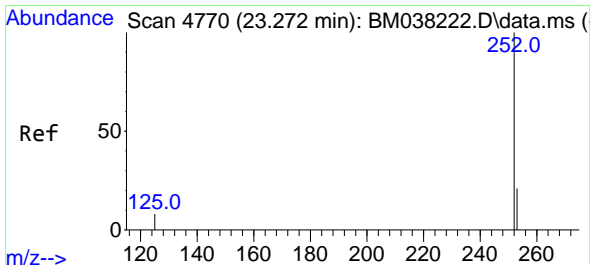
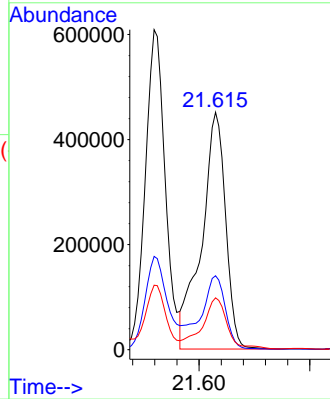
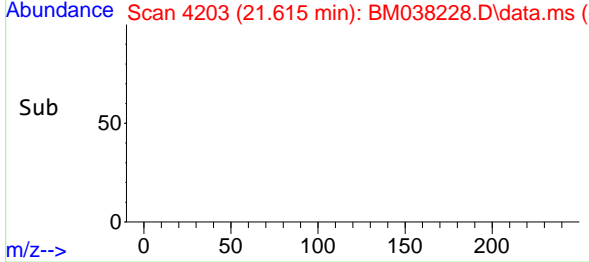
Instrument :  
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Tgt Ion:228 Resp: 679320  
 Ion Ratio Lower Upper  
 228 100  
 226 31.1 25.0 37.4  
 229 21.8 16.0 24.0

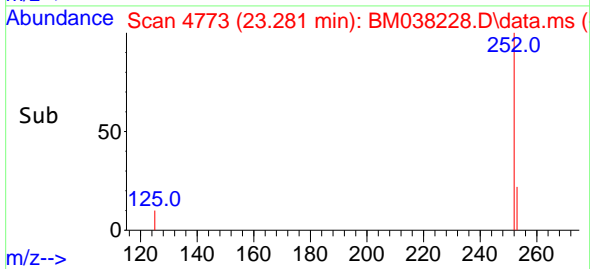
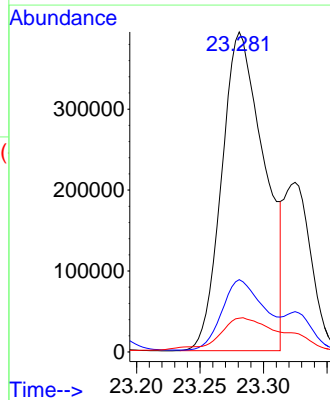
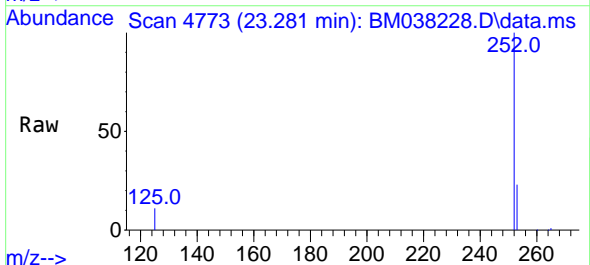
Manual Integrations  
**APPROVED**

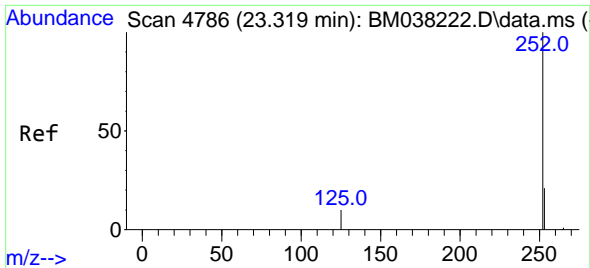
Reviewed By :Jagrut Upadhyay 12/24/2022  
 Supervised By :Yogesh Patel 12/24/2022



#24  
 Benzo(b)fluoranthene  
 Concen: 19.635 ng/u1  
 RT: 23.281 min Scan# 4773  
 Delta R.T. 0.009 min  
 Lab File: BM038228.D  
 Acq: 23 Dec 2022 11:43

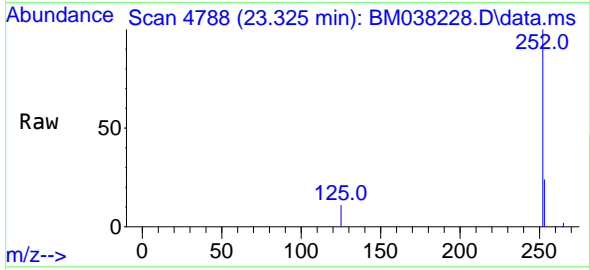
Tgt Ion:252 Resp: 919012  
 Ion Ratio Lower Upper  
 252 100  
 253 22.6 0.0 56.0  
 125 10.6 0.0 36.6





#25  
 Benzo(k)fluoranthene  
 Concen: 6.822 ng/u1 m  
 RT: 23.325 min Scan# 4  
 Delta R.T. 0.003 min  
 Lab File: BM038228.D  
 Acq: 23 Dec 2022 11:43

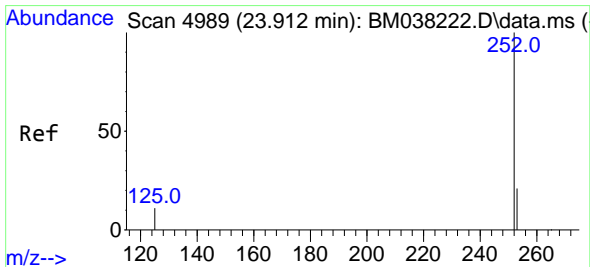
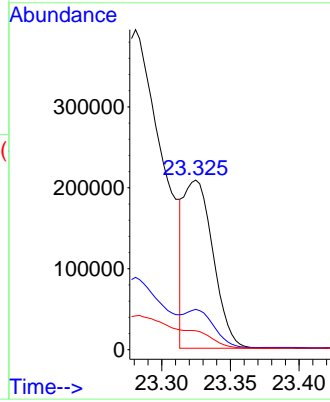
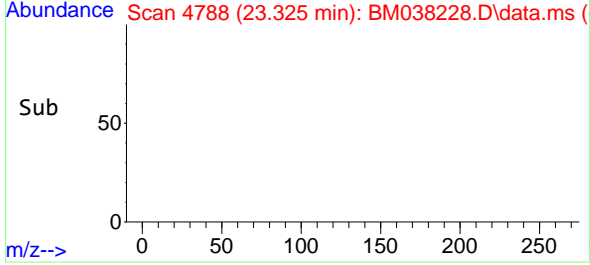
Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBXS6



Tgt Ion:252 Resp: 306734  
 Ion Ratio Lower Upper  
 252 100  
 253 23.8 22.5 33.7  
 125 11.1 14.4 21.6

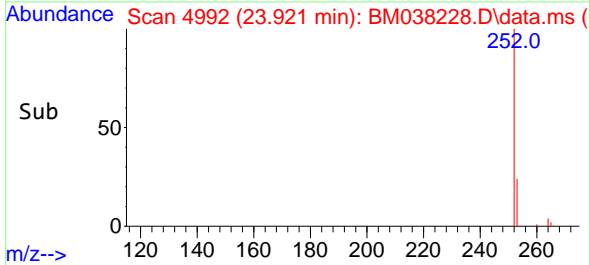
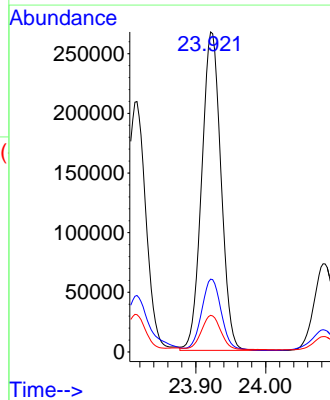
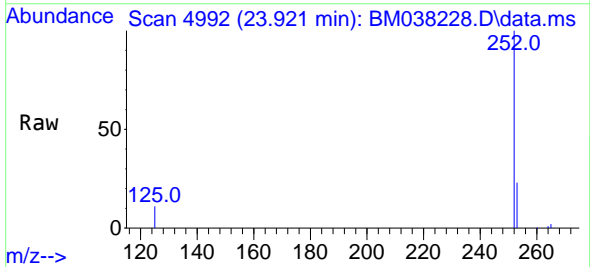
Manual Integrations  
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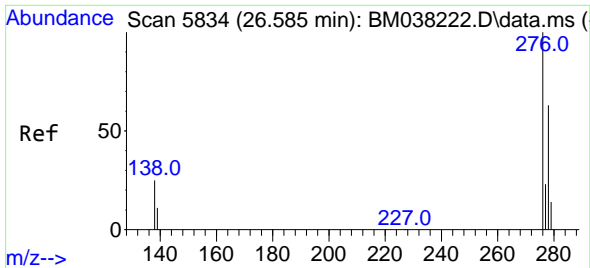
Reviewed By :Jagrut Upadhyay 12/24/2022  
 Supervised By :Yogesh Patel 12/24/2022



#26  
 Benzo(a)pyrene  
 Concen: 12.481 ng/u1  
 RT: 23.921 min Scan# 4992  
 Delta R.T. 0.009 min  
 Lab File: BM038228.D  
 Acq: 23 Dec 2022 11:43

Tgt Ion:252 Resp: 509724  
 Ion Ratio Lower Upper  
 252 100  
 253 22.8 24.2 36.4#  
 125 11.5 17.3 25.9#





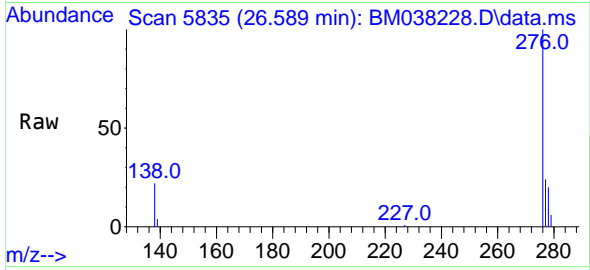
#27  
 Indeno(1,2,3-cd)pyrene  
 Concen: 6.364 ng/u1  
 RT: 26.589 min Scan# 5835  
 Delta R.T. 0.007 min  
 Lab File: BM038228.D  
 Acq: 23 Dec 2022 11:43

Instrument :

BNA\_M

ClientSampleId :

DBXS6

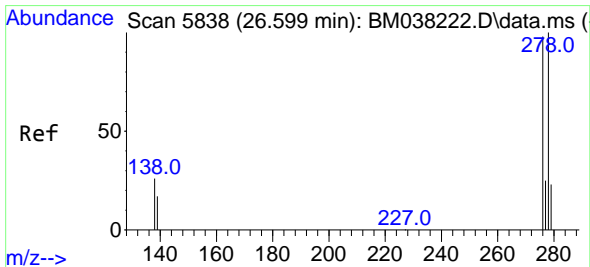
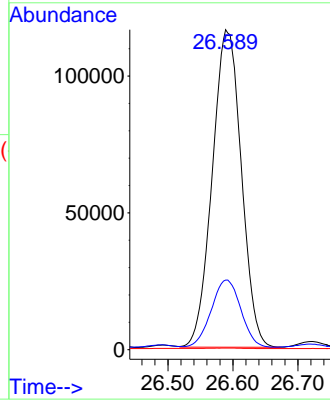
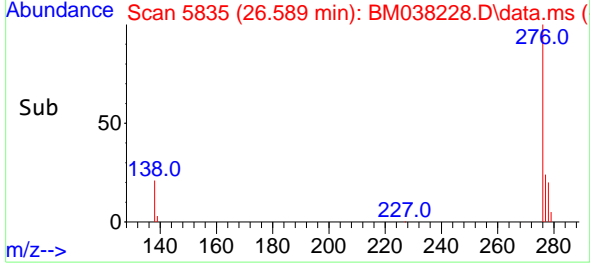


Tgt Ion:276 Resp: 360430  
 Ion Ratio Lower Upper  
 276 100  
 138 21.6 21.7 32.5  
 227 0.2 0.0 0.0

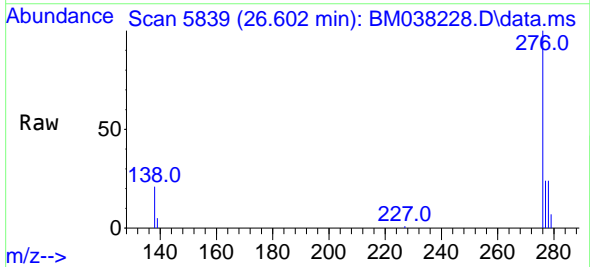
Manual Integrations

APPROVED

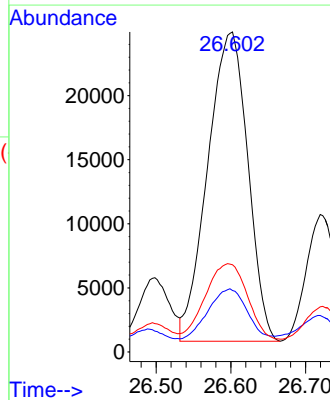
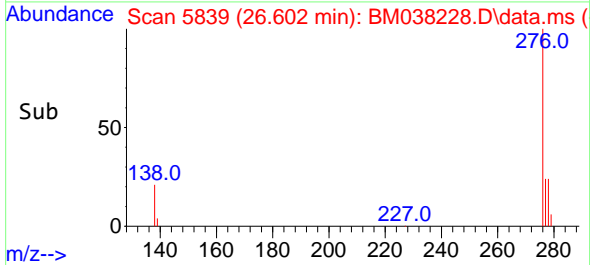
Reviewed By :Jagrut Upadhyay 12/24/2022  
 Supervised By :Yogesh Patel 12/24/2022

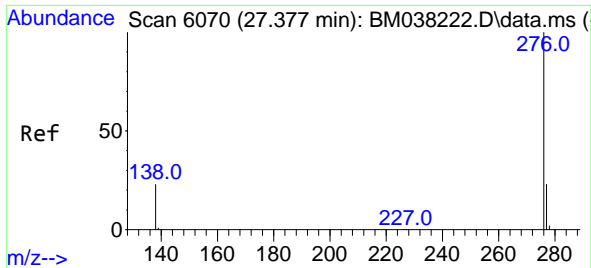


#28  
 Dibenzo(a,h)anthracene  
 Concen: 2.048 ng/u1  
 RT: 26.602 min Scan# 5839  
 Delta R.T. 0.007 min  
 Lab File: BM038228.D  
 Acq: 23 Dec 2022 11:43



Tgt Ion:278 Resp: 90110  
 Ion Ratio Lower Upper  
 278 100  
 139 19.2 16.8 25.2  
 279 27.2 23.4 35.2





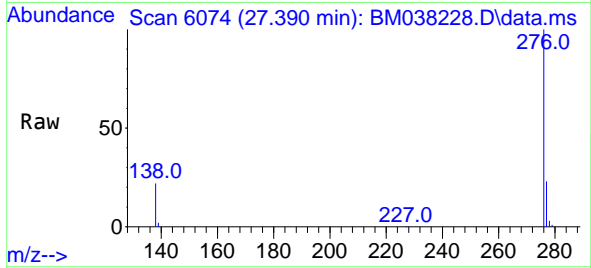
#29  
 Benzo(g,h,i)perylene  
 Concen: 6.805 ng/u1  
 RT: 27.390 min Scan# 6074  
 Delta R.T. 0.020 min  
 Lab File: BM038228.D  
 Acq: 23 Dec 2022 11:43

Instrument :

BNA\_M

ClientSampleId :

DBXS6



Tgt Ion:276 Resp: 32432  
 Ion Ratio Lower Upper  
 276 100  
 138 22.0 20.8 31.2  
 277 23.4 20.5 30.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/24/2022  
 Supervised By :Yogesh Patel 12/24/2022

