

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012422\  
 Data File : BM033835.D  
 Acq On : 24 Jan 2022 13:18  
 Operator : CG/JU  
 Sample : SSTD0.846  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jan 24 14:05:45 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM012422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 24 14:03:45 2022  
 Response via : Initial Calibration

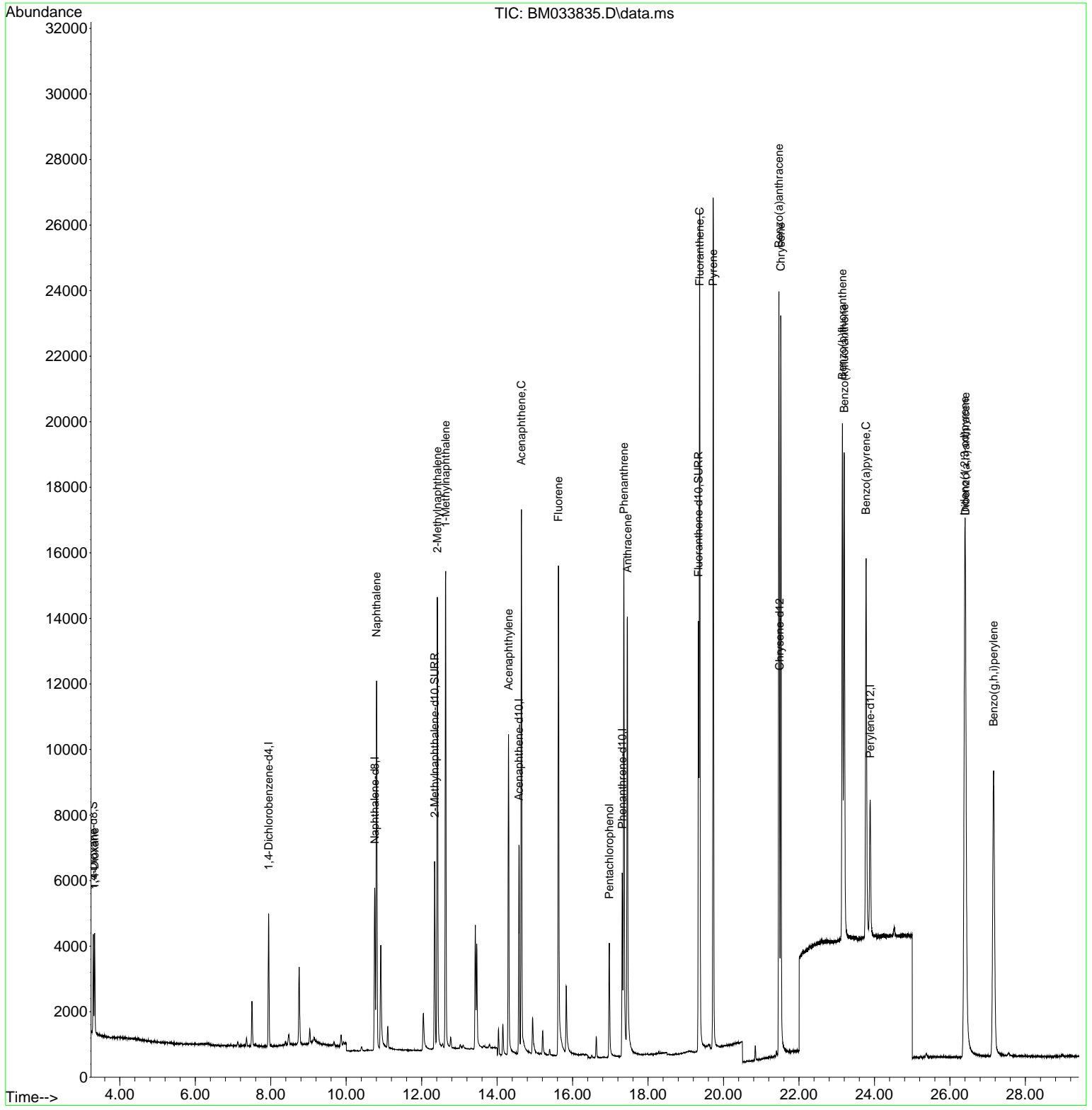
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	2023	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	6949	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.579	164	3547	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	7203	0.400	ng/ul	0.00
17) Chrysene-d12	21.484	240	6097	0.400	ng/ul #	0.00
23) Perylene-d12	23.885	264	6082	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	1684	0.781	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	7750	0.820	ng/ul	0.00
18) Fluoranthene-d10	19.337	212	14728	0.780	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	1762	0.750	ng/ul#	86
5) Naphthalene	10.805	128	15243	0.757	ng/ul#	88
7) 2-Methylnaphthalene	12.415	142	9977	0.772	ng/ul	100
8) 1-Methylnaphthalene	12.636	142	9750	0.768	ng/ul	100
10) Acenaphthylene	14.303	152	12379	0.755	ng/ul#	90
11) Acenaphthene	14.644	153	9944	0.760	ng/ul	94
12) Fluorene	15.626	166	11328	0.724	ng/ul#	97
14) Pentachlorophenol	16.972	266	2596	0.913	ng/ul	99
15) Phenanthrene	17.358	178	18007	0.772	ng/ul	95
16) Anthracene	17.451	178	16939	0.791	ng/ul#	91
19) Fluoranthene	19.368	202	21779	0.762	ng/ul	99
20) Pyrene	19.726	202	22103	0.764	ng/ul	95
21) Benzo(a)anthracene	21.467	228	19394	0.766	ng/ul	97
22) Chrysene	21.518	228	20464	0.790	ng/ul	97
24) Benzo(b)fluoranthene	23.150	252	21137	0.793	ng/ul	91
25) Benzo(k)fluoranthene	23.199	252	21651	0.828	ng/ul#	89
26) Benzo(a)pyrene	23.778	252	18852	0.814	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.392	276	24683	0.819	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.412	278	19584	0.817	ng/ul#	88
29) Benzo(g,h,i)perylene	27.158	276	20992	0.810	ng/ul	94

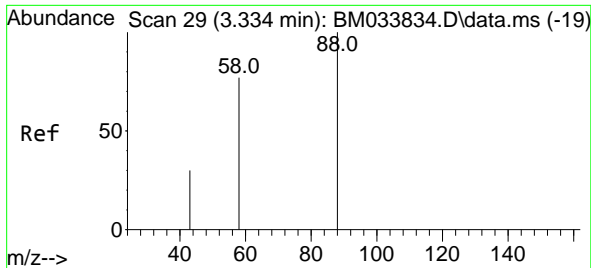
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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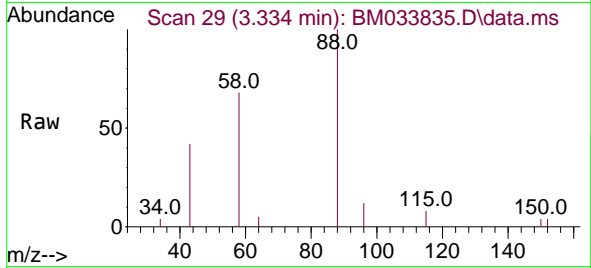
Quant Time: Jan 24 14:05:45 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM012422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 24 14:03:45 2022  
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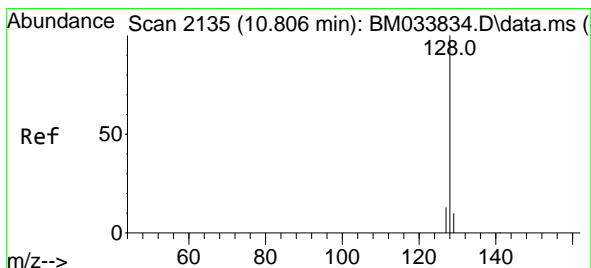
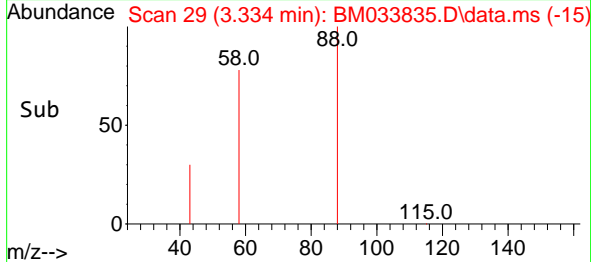
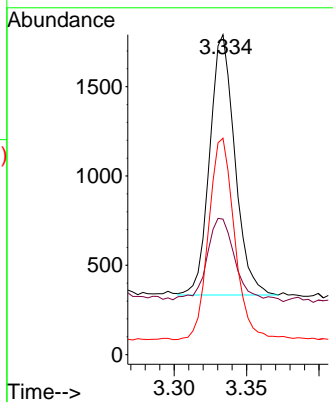


#2  
 1,4-Dioxane  
 Concen: 0.750 ng/ul  
 RT: 3.334 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM033835.D  
 Acq: 24 Jan 2022 13:18

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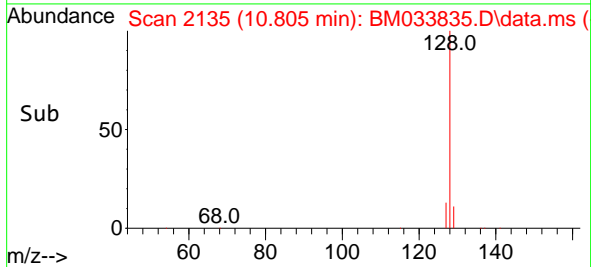
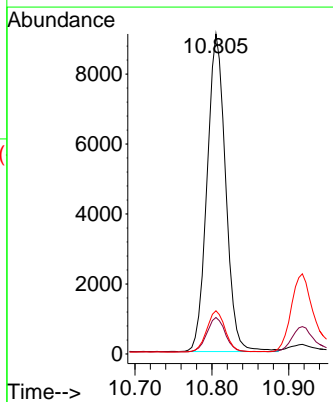
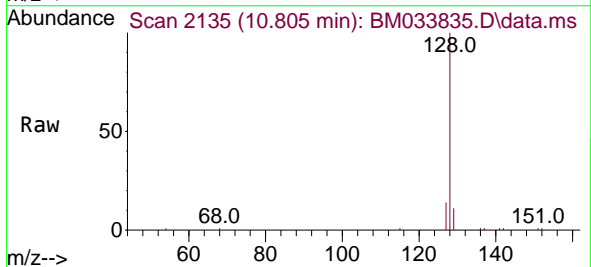


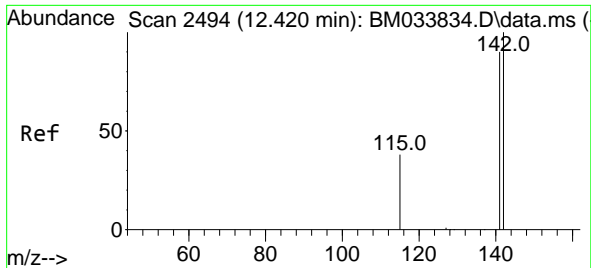
Tgt Ion: 88 Resp: 1762  
 Ion Ratio Lower Upper  
 88 100  
 43 42.3 49.7 74.5#  
 58 67.7 52.5 78.7



#5  
 Naphthalene  
 Concen: 0.757 ng/ul  
 RT: 10.805 min Scan# 2135  
 Delta R.T. -0.000 min  
 Lab File: BM033835.D  
 Acq: 24 Jan 2022 13:18

Tgt Ion:128 Resp: 15243  
 Ion Ratio Lower Upper  
 128 100  
 129 11.4 13.4 20.2#  
 127 13.5 15.2 22.8#

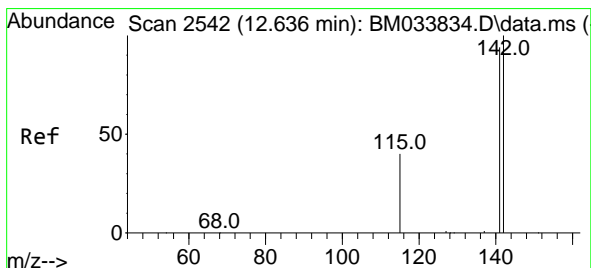
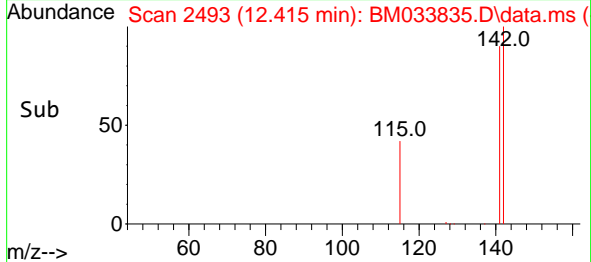
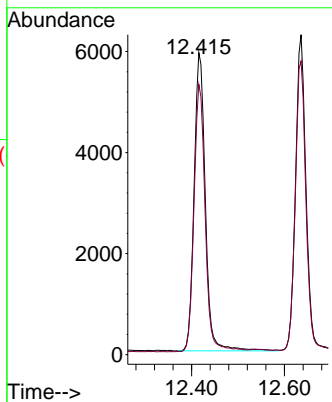
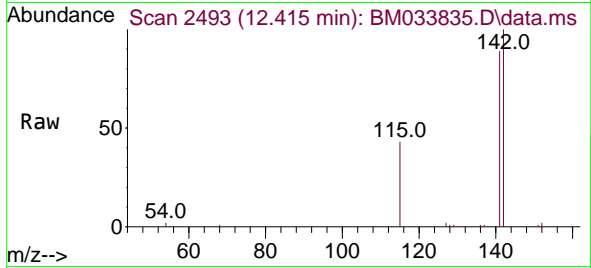




#7  
 2-Methylnaphthalene  
 Concen: 0.772 ng/u1  
 RT: 12.415 min Scan# 2493  
 Delta R.T. -0.005 min  
 Lab File: BM033835.D  
 Acq: 24 Jan 2022 13:18

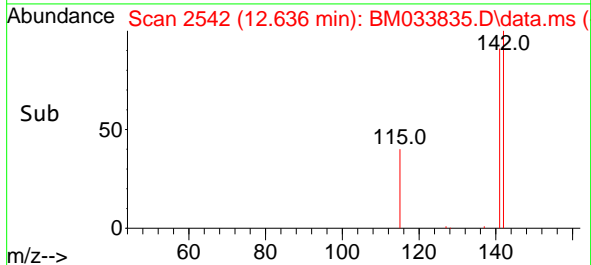
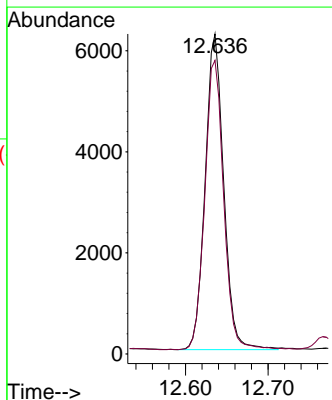
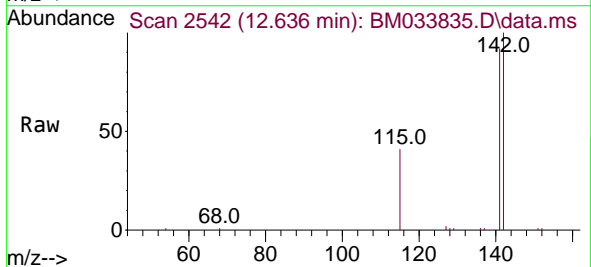
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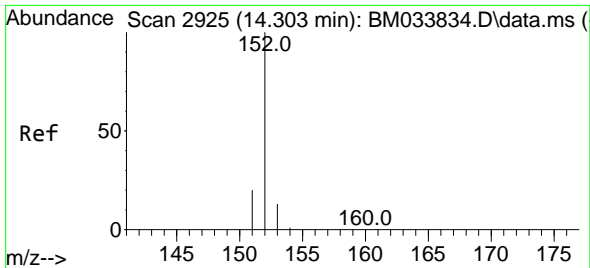
Tgt Ion:142 Resp: 9977  
 Ion Ratio Lower Upper  
 142 100  
 141 89.7 71.8 107.6



#8  
 1-Methylnaphthalene  
 Concen: 0.768 ng/u1  
 RT: 12.636 min Scan# 2542  
 Delta R.T. -0.000 min  
 Lab File: BM033835.D  
 Acq: 24 Jan 2022 13:18

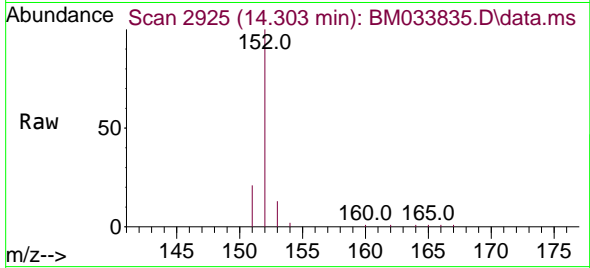
Tgt Ion:142 Resp: 9750  
 Ion Ratio Lower Upper  
 142 100  
 141 93.3 75.0 112.4



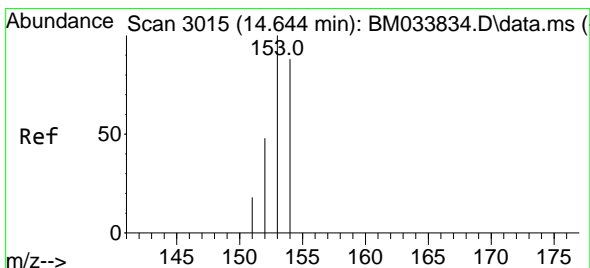
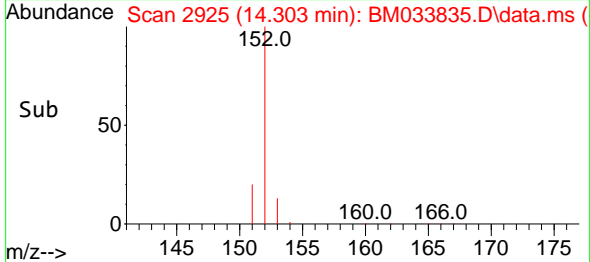
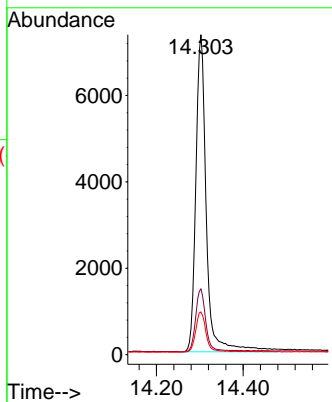


#10  
 Acenaphthylene  
 Concen: 0.755 ng/u1  
 RT: 14.303 min Scan# 2925  
 Delta R.T. -0.000 min  
 Lab File: BM033835.D  
 Acq: 24 Jan 2022 13:18

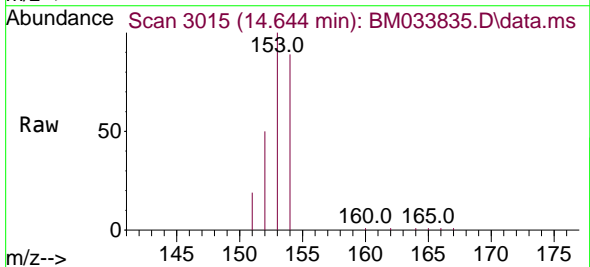
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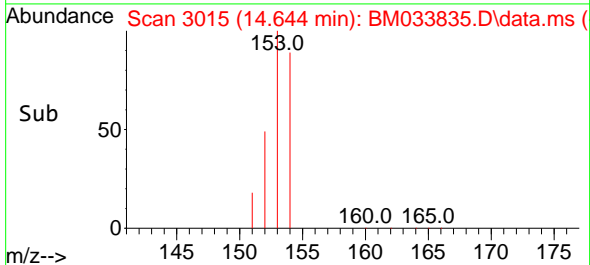
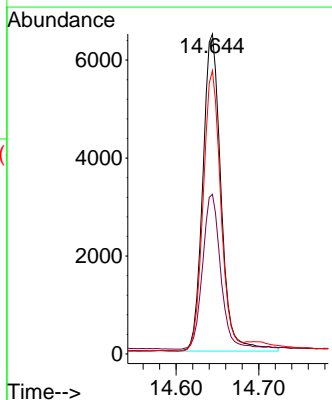
Tgt Ion:152 Resp: 12379  
 Ion Ratio Lower Upper  
 152 100  
 151 20.6 19.9 29.9  
 153 13.3 15.0 22.4#

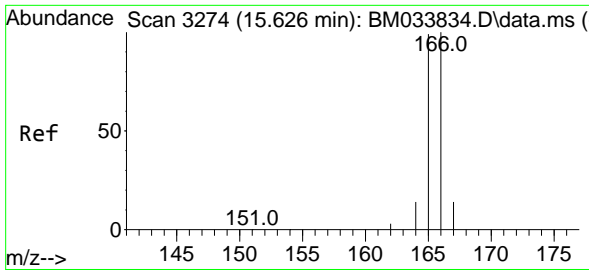


#11  
 Acenaphthene  
 Concen: 0.760 ng/u1  
 RT: 14.644 min Scan# 3015  
 Delta R.T. -0.000 min  
 Lab File: BM033835.D  
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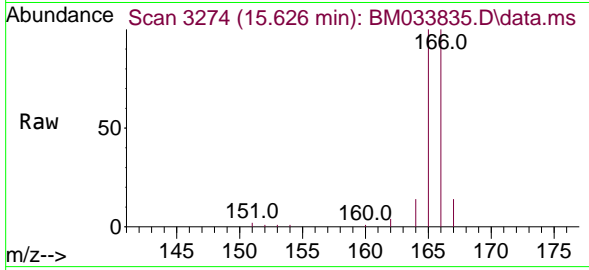
Tgt Ion:153 Resp: 9944  
 Ion Ratio Lower Upper  
 153 100  
 152 49.9 42.4 63.6  
 154 88.5 66.2 99.2



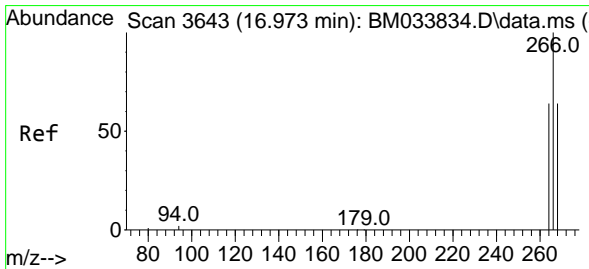
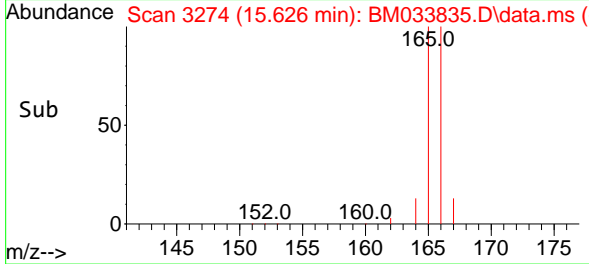
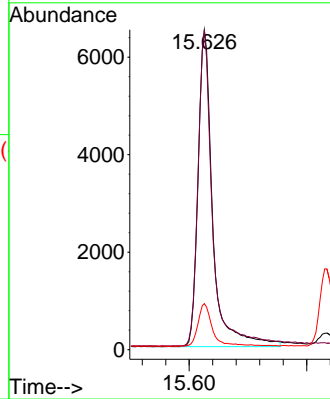


#12  
 Fluorene  
 Concen: 0.724 ng/u1  
 RT: 15.626 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: BM033835.D  
 Acq: 24 Jan 2022 13:18

Instrument :  
 BNA\_M  
 ClientSampleId :

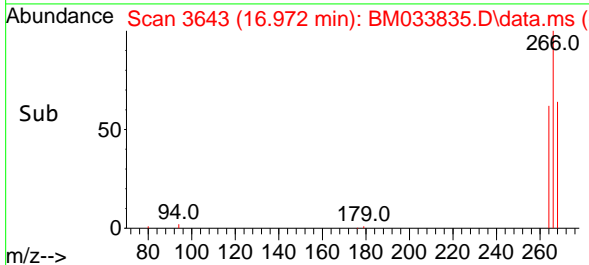
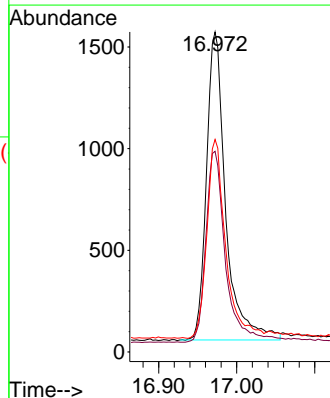
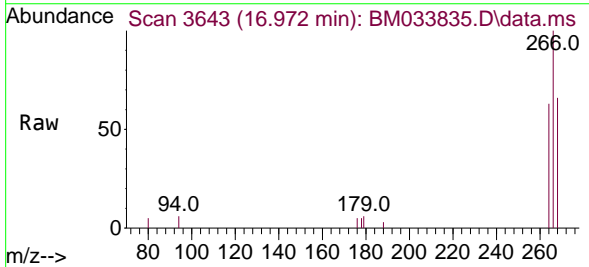


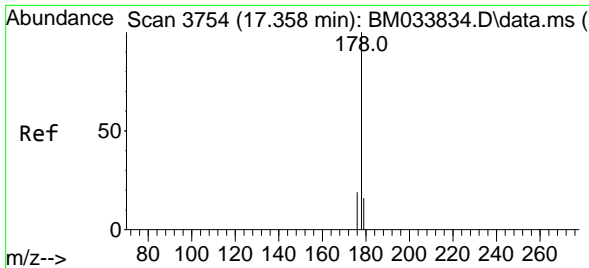
Tgt Ion:166 Resp: 11328  
 Ion Ratio Lower Upper  
 166 100  
 165 100.1 81.1 121.7  
 167 14.4 14.9 22.3#



#14  
 Pentachlorophenol  
 Concen: 0.913 ng/u1  
 RT: 16.972 min Scan# 3643  
 Delta R.T. -0.000 min  
 Lab File: BM033835.D  
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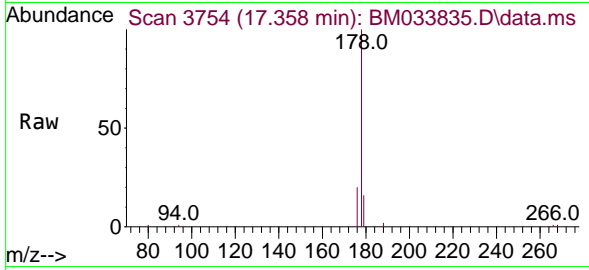
Tgt Ion:266 Resp: 2596  
 Ion Ratio Lower Upper  
 266 100  
 264 63.5 51.4 77.0  
 268 64.9 53.1 79.7



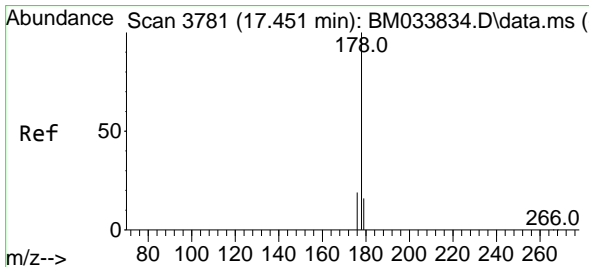
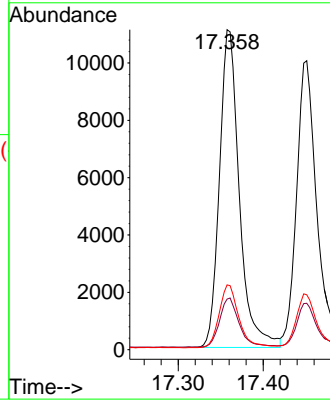
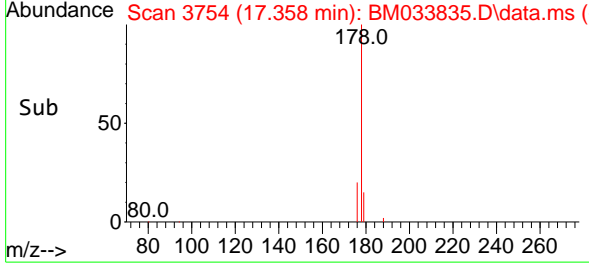


#15  
 Phenanthrene  
 Concen: 0.772 ng/u1  
 RT: 17.358 min Scan# 3754  
 Delta R.T. -0.000 min  
 Lab File: BM033835.D  
 Acq: 24 Jan 2022 13:18

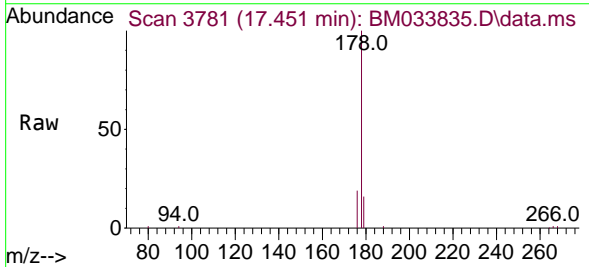
Instrument :  
 BNA\_M  
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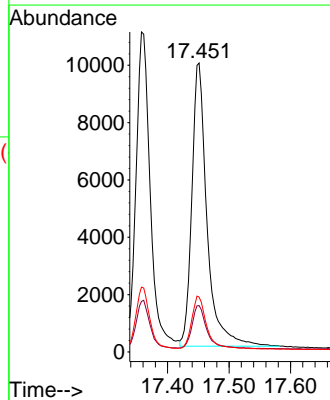
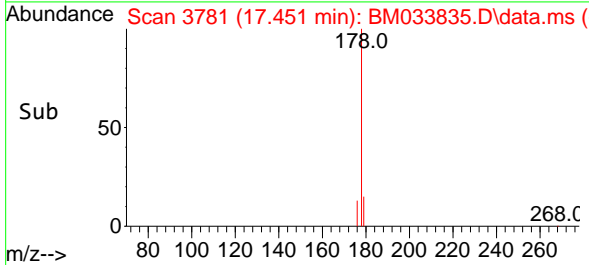
Tgt Ion:178 Resp: 18007  
 Ion Ratio Lower Upper  
 178 100  
 179 15.8 15.0 22.6  
 176 20.2 17.9 26.9

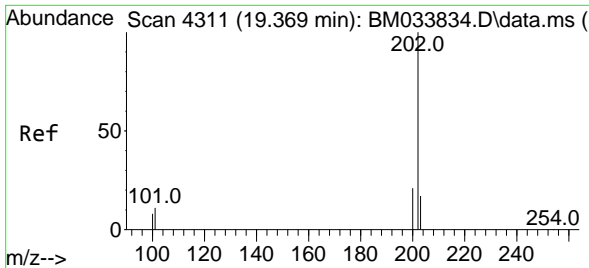


#16  
 Anthracene  
 Concen: 0.791 ng/u1  
 RT: 17.451 min Scan# 3781  
 Delta R.T. -0.000 min  
 Lab File: BM033835.D  
 Acq: 24 Jan 2022 13:18



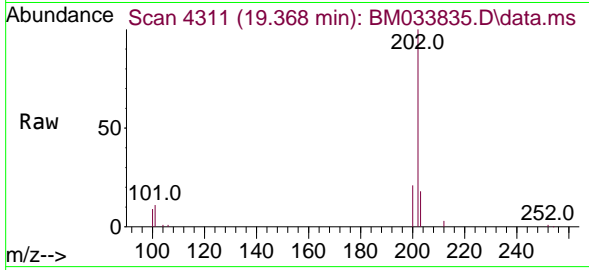
Tgt Ion:178 Resp: 16939  
 Ion Ratio Lower Upper  
 178 100  
 179 16.0 16.5 24.7#  
 176 19.0 18.3 27.5



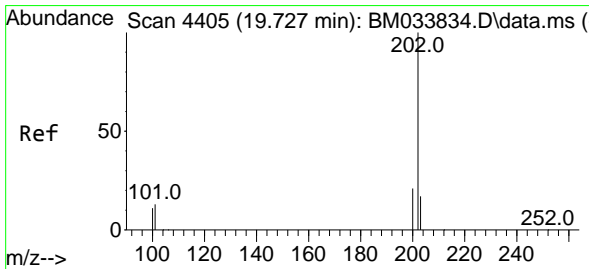
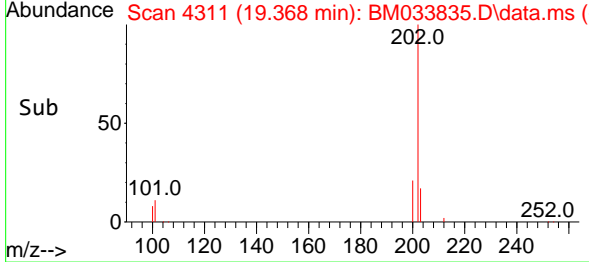
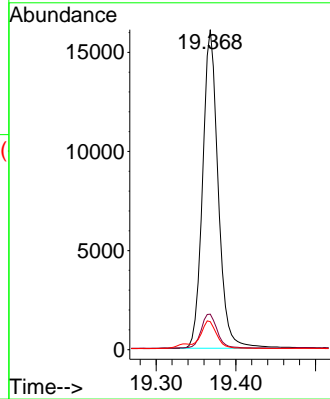


#19  
 Fluoranthene  
 Concen: 0.762 ng/u1  
 RT: 19.368 min Scan# 4311  
 Delta R.T. -0.001 min  
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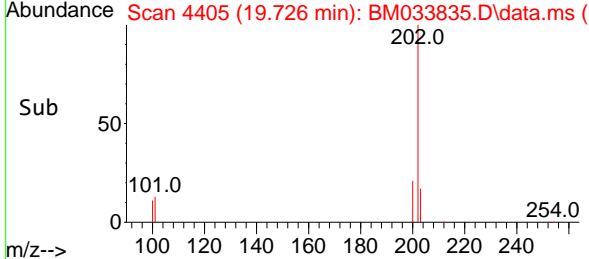
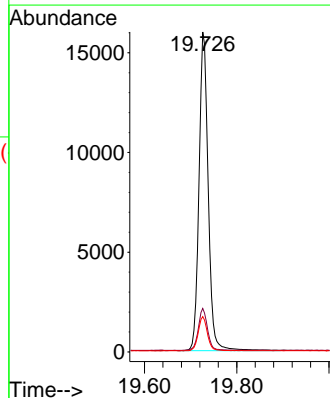
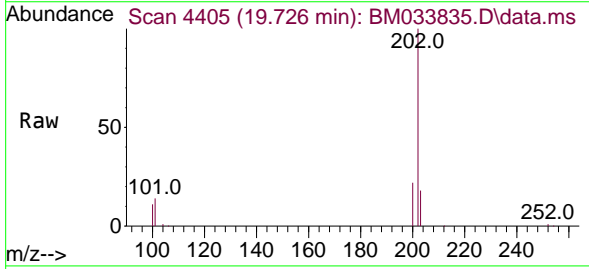


Tgt Ion:202 Resp: 21779  
 Ion Ratio Lower Upper  
 202 100  
 101 11.1 9.2 13.8  
 100 8.8 7.2 10.8

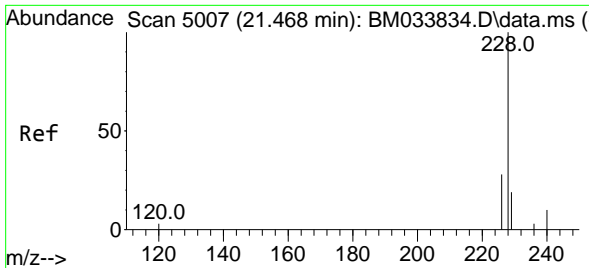


#20  
 Pyrene  
 Concen: 0.764 ng/u1  
 RT: 19.726 min Scan# 4405  
 Delta R.T. -0.001 min  
 Lab File: BM033835.D  
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Tgt Ion:202 Resp: 22103  
 Ion Ratio Lower Upper  
 202 100  
 101 13.6 9.3 13.9  
 100 11.1 7.8 11.6

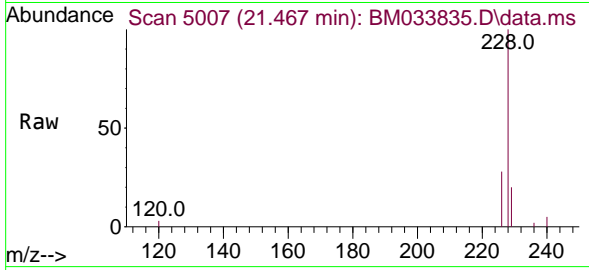




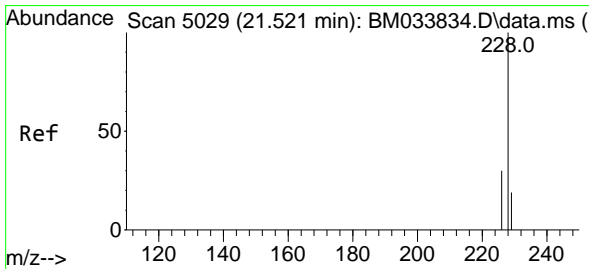
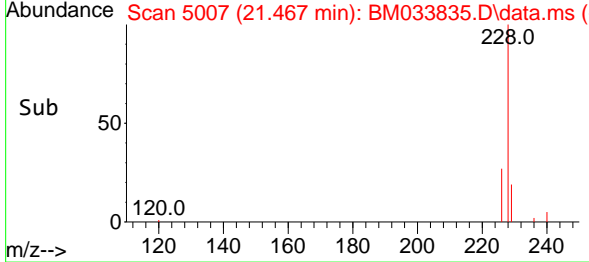
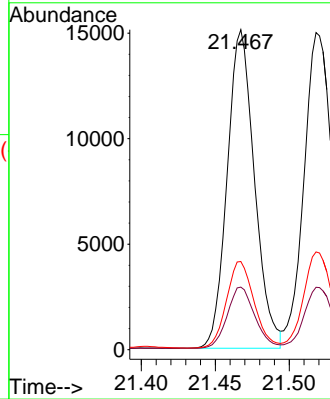


#21  
 Benzo(a)anthracene  
 Concen: 0.766 ng/u1  
 RT: 21.467 min Scan# 5007  
 Delta R.T. -0.001 min  
 Lab File: BM033835.D  
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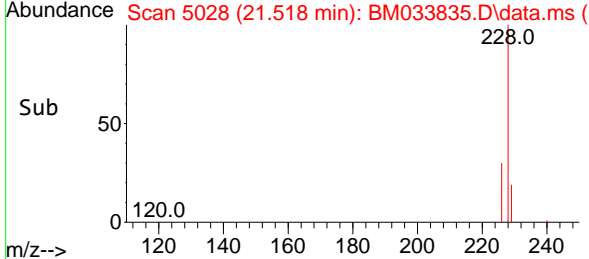
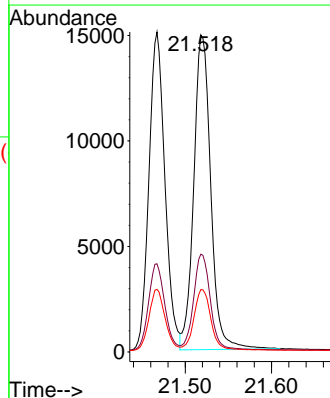
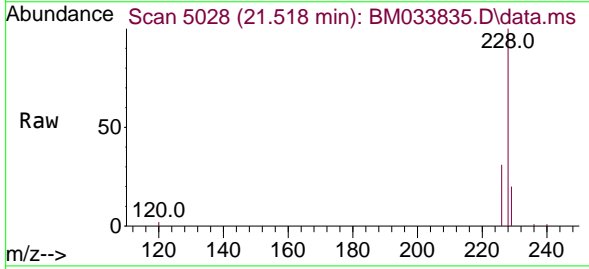


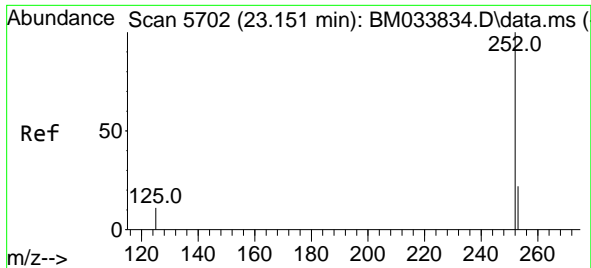
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 229 19.6 17.3 25.9  
 226 27.5 23.2 34.8



#22  
 Chrysene  
 Concen: 0.790 ng/u1  
 RT: 21.518 min Scan# 5028  
 Delta R.T. -0.003 min  
 Lab File: BM033835.D  
 Acq: 24 Jan 2022 13:18

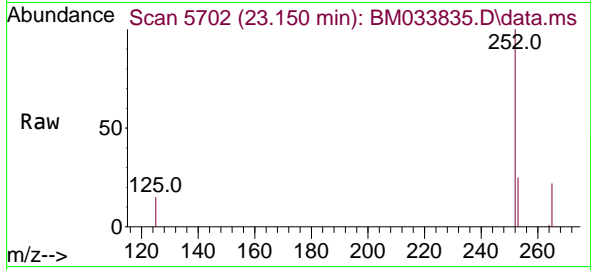
Tgt Ion:228 Resp: 20464  
 Ion Ratio Lower Upper  
 228 100  
 226 30.8 25.8 38.8  
 229 19.7 16.7 25.1



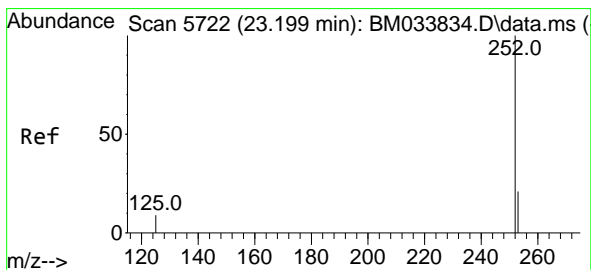
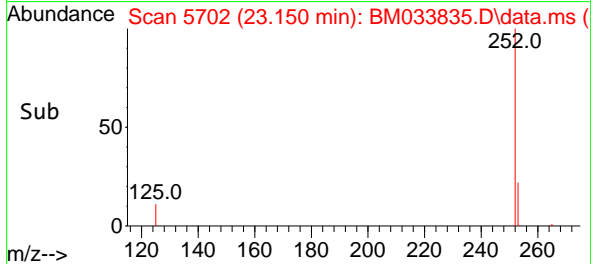
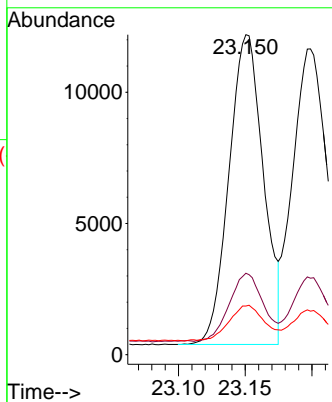


#24  
 Benzo(b)fluoranthene  
 Concen: 0.793 ng/u1  
 RT: 23.150 min Scan# 5702  
 Delta R.T. -0.001 min  
 Lab File: BM033835.D  
 Acq: 24 Jan 2022 13:18

Instrument : BNA\_M  
 ClientSampleId :

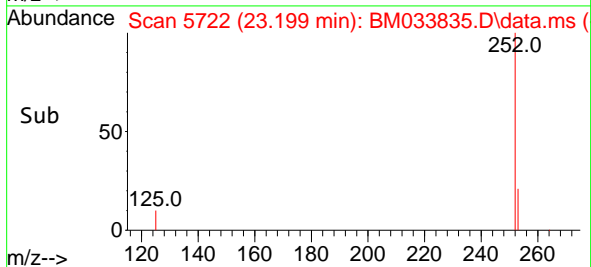
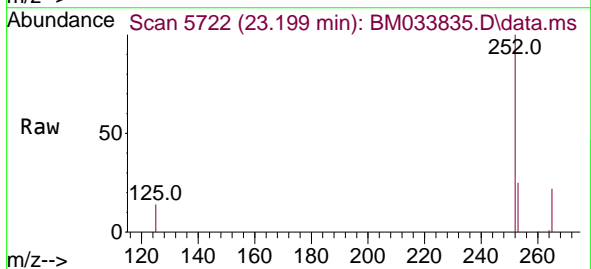
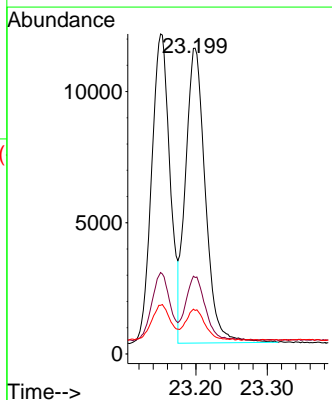


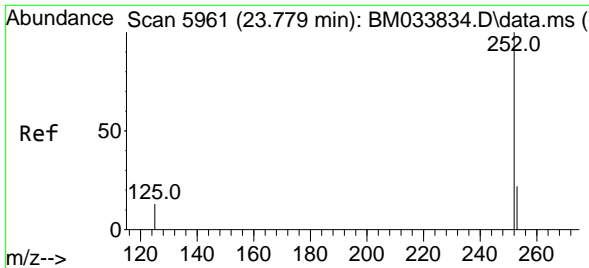
Tgt Ion:252 Resp: 21137  
 Ion Ratio Lower Upper  
 252 100  
 253 25.5 0.0 64.2  
 125 15.2 0.0 28.8



#25  
 Benzo(k)fluoranthene  
 Concen: 0.828 ng/u1  
 RT: 23.199 min Scan# 5722  
 Delta R.T. -0.001 min  
 Lab File: BM033835.D  
 Acq: 24 Jan 2022 13:18

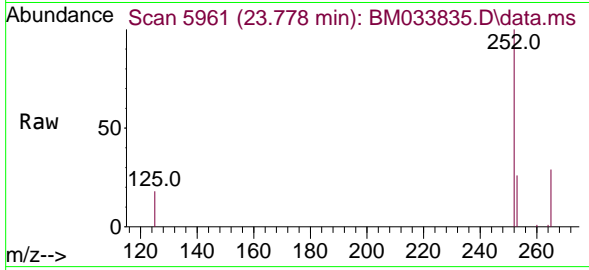
Tgt Ion:252 Resp: 21651  
 Ion Ratio Lower Upper  
 252 100  
 253 25.0 26.8 40.2#  
 125 14.2 12.0 18.0



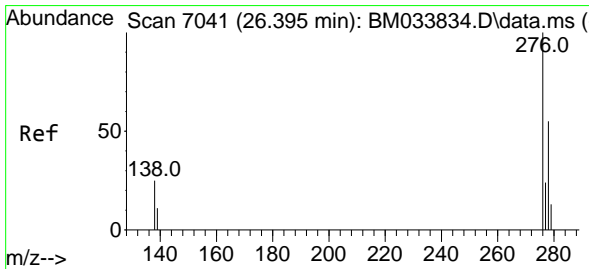
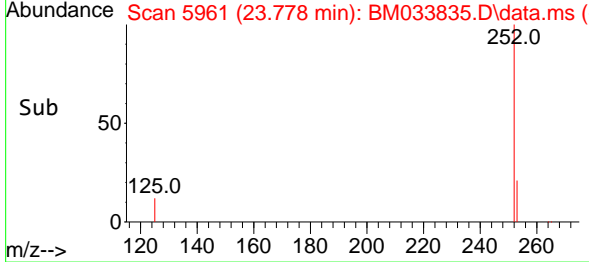
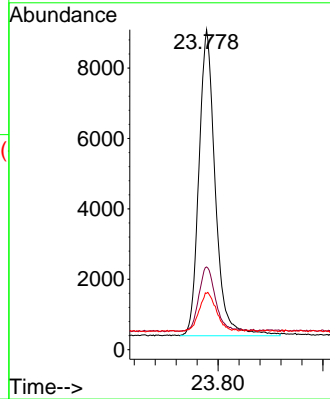


#26  
 Benzo(a)pyrene  
 Concen: 0.814 ng/u1  
 RT: 23.778 min Scan# 5961  
 Delta R.T. -0.001 min  
 Lab File: BM033835.D  
 Acq: 24 Jan 2022 13:18

Instrument :  
 BNA\_M  
 ClientSampleId :

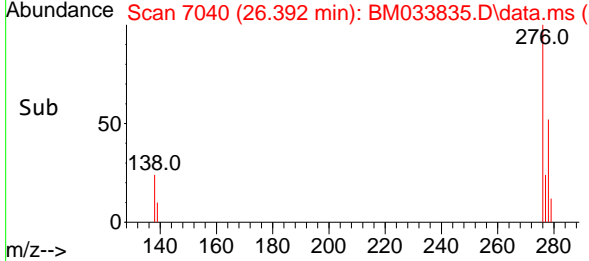
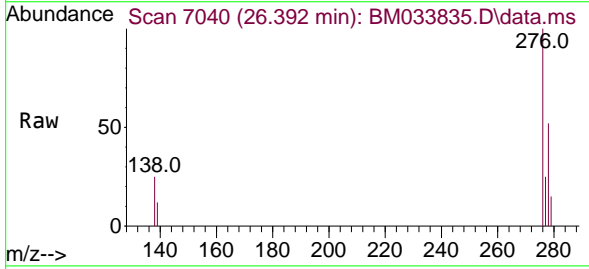
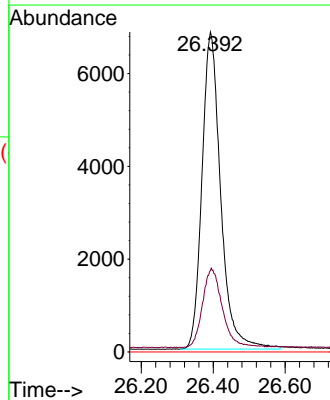


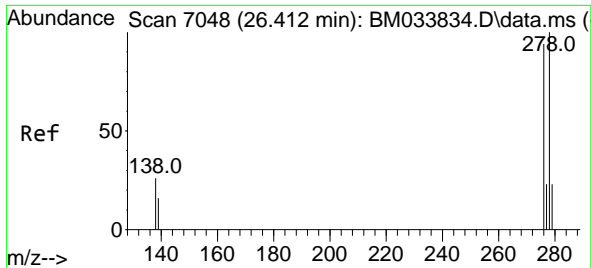
Tgt Ion:252 Resp: 18852  
 Ion Ratio Lower Upper  
 252 100  
 253 25.8 32.0 48.0#  
 125 17.6 14.5 21.7



#27  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.819 ng/u1  
 RT: 26.392 min Scan# 7040  
 Delta R.T. -0.003 min  
 Lab File: BM033835.D  
 Acq: 24 Jan 2022 13:18

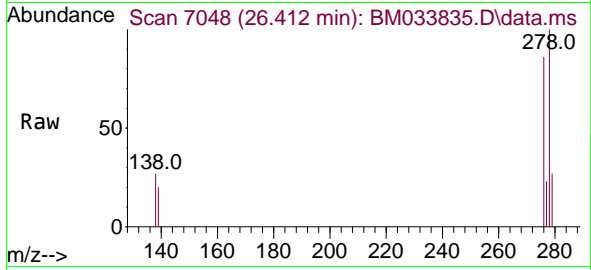
Tgt Ion:276 Resp: 24683  
 Ion Ratio Lower Upper  
 276 100  
 138 26.5 15.8 23.6#  
 227 0.0 0.0 0.0



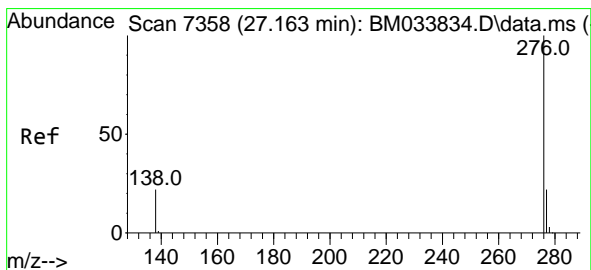
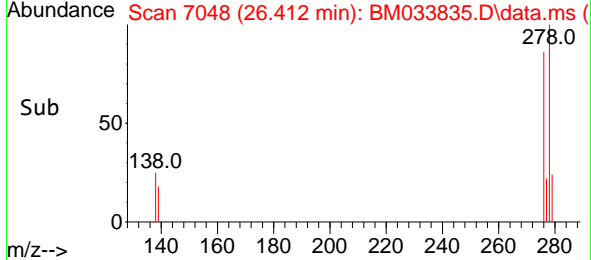
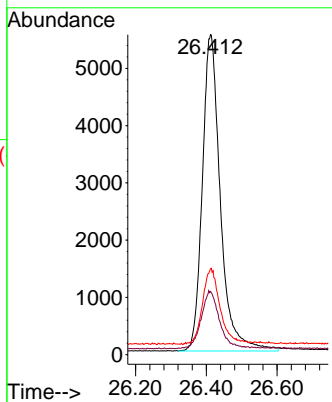


#28  
 Dibenzo(a,h)anthracene  
 Concen: 0.817 ng/ul  
 RT: 26.412 min Scan# 7048  
 Delta R.T. -0.001 min  
 Lab File: BM033835.D  
 Acq: 24 Jan 2022 13:18

Instrument : BNA\_M  
 ClientSampleId :



Tgt Ion:278 Resp: 19584  
 Ion Ratio Lower Upper  
 278 100  
 139 19.7 18.0 27.0  
 279 26.8 28.6 42.8#



#29  
 Benzo(g,h,i)perylene  
 Concen: 0.810 ng/ul  
 RT: 27.158 min Scan# 7356  
 Delta R.T. -0.005 min  
 Lab File: BM033835.D  
 Acq: 24 Jan 2022 13:18

Tgt Ion:276 Resp: 20992  
 Ion Ratio Lower Upper  
 276 100  
 138 24.0 17.4 26.0  
 277 24.3 22.6 33.8

