

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082622\
 Data File : BM036425.D
 Acq On : 26 Aug 2022 14:29
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV014

Quant Time: Aug 26 18:43:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM082622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 14:26:34 2022
 Response via : Initial Calibration

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

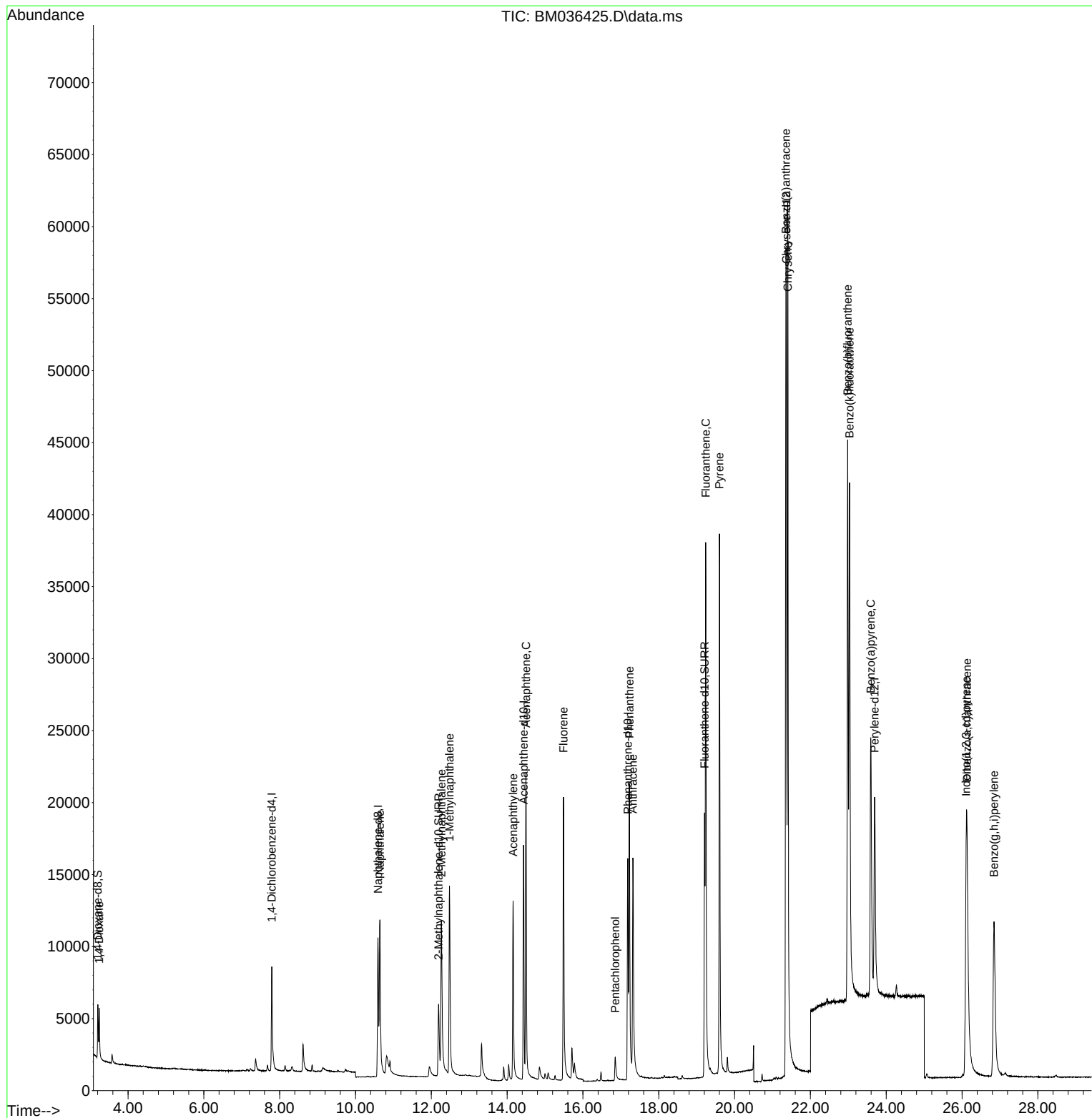
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	4488	0.400	ng/ul	0.00
4) Naphthalene-d8	10.594	136	17587	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.436	164	10143	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.182	188	22802	0.400	ng/ul	0.00
17) Chrysene-d12	21.365	240	39759	0.400	ng/ul #	0.00
23) Perylene-d12	23.695	264	22351	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	2353	0.389	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	10399	0.370	ng/ul	0.00
18) Fluoranthene-d10	19.210	212	24282	0.494	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.238	88	2153	0.377	ng/ul#	87
5) Naphthalene	10.644	128	18916	0.382	ng/ul	97
7) 2-Methylnaphthalene	12.266	142	12008	0.404	ng/ul	94
8) 1-Methylnaphthalene	12.481	142	11496	0.381	ng/ul	100
10) Acenaphthylene	14.159	152	17684	0.421	ng/ul	98
11) Acenaphthene	14.496	153	13582	0.401	ng/ul	100
12) Fluorene	15.486	166	15678	0.395	ng/ul	99
14) Pentachlorophenol	16.853	266	1681	0.373	ng/ul	98
15) Phenanthrene	17.224	178	26036	0.320	ng/ul	100
16) Anthracene	17.317	178	23301	0.360	ng/ul	99
19) Fluoranthene	19.238	202	36510	0.263	ng/ul	98
20) Pyrene	19.600	202	38400	0.266	ng/ul	98
21) Benzo(a)anthracene	21.354	228	44621	0.271	ng/ul	98
22) Chrysene	21.403	228	59402	0.262	ng/ul	98
24) Benzo(b)fluoranthene	22.984	252	53532	0.329	ng/ul	86
25) Benzo(k)fluoranthene	23.031	252	53356	0.326	ng/ul#	85
26) Benzo(a)pyrene	23.593	252	34935	0.340	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.108	276	33469	0.430	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.131	278	27732	0.421	ng/ul#	88
29) Benzo(g,h,i)perylene	26.843	276	29798	0.423	ng/ul	94

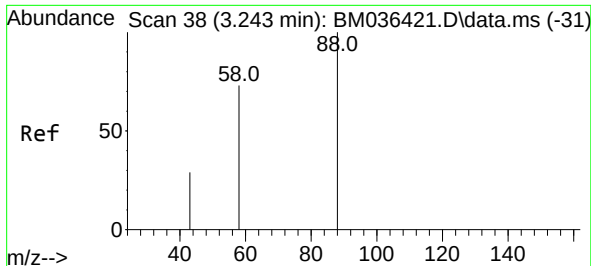
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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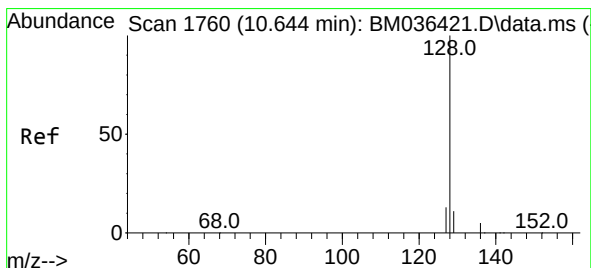
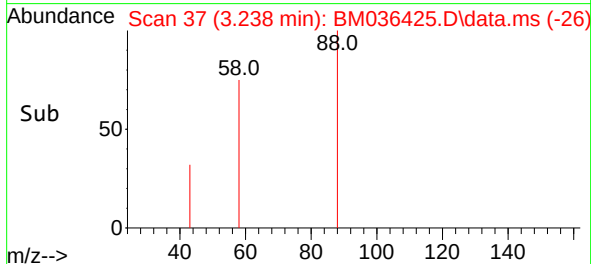
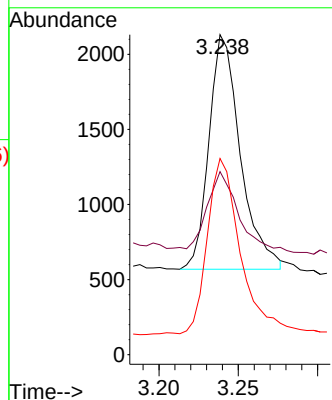
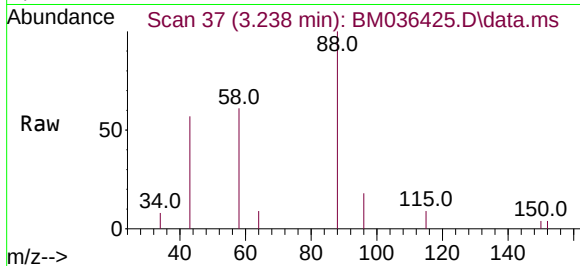




#2
1,4-Dioxane
Concen: 0.377 ng/ul
RT: 3.238 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM036425.D
Acq: 26 Aug 2022 14:29

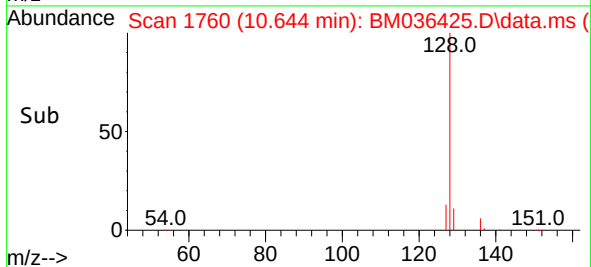
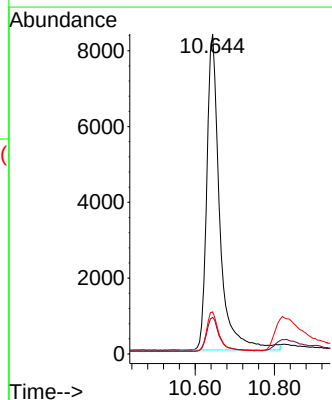
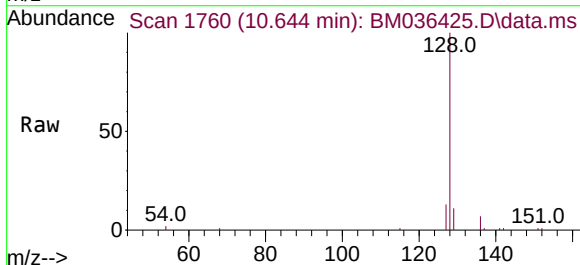
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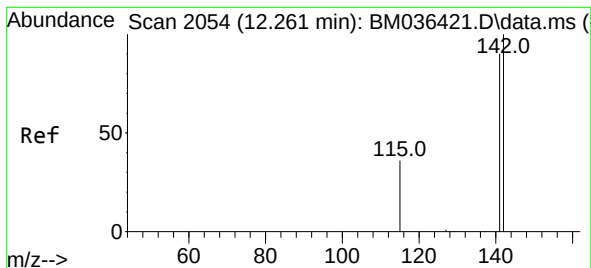
Tgt Ion: 88 Resp: 2153
Ion Ratio Lower Upper
88 100
43 57.2 37.8 56.6#
58 61.3 42.6 63.8



#5
Naphthalene
Concen: 0.382 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BM036425.D
Acq: 26 Aug 2022 14:29

Tgt Ion: 128 Resp: 18916
Ion Ratio Lower Upper
128 100
129 11.5 10.2 15.2
127 13.2 11.7 17.5

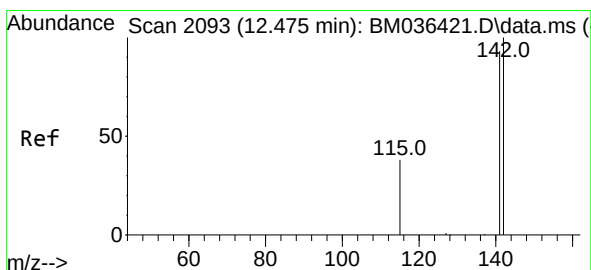
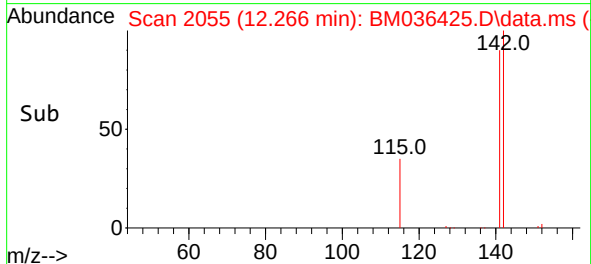
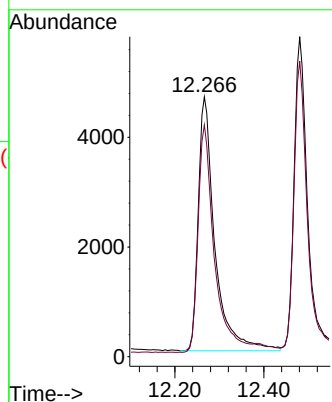
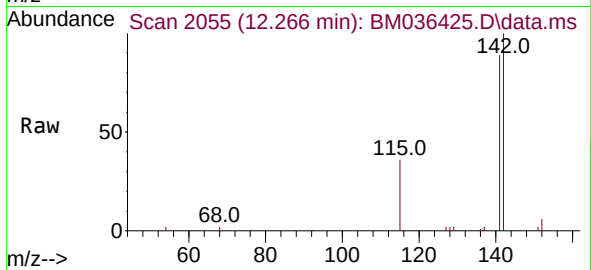




#7
2-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.266 min Scan# 2055
Delta R.T. 0.005 min
Lab File: BM036425.D
Acq: 26 Aug 2022 14:29

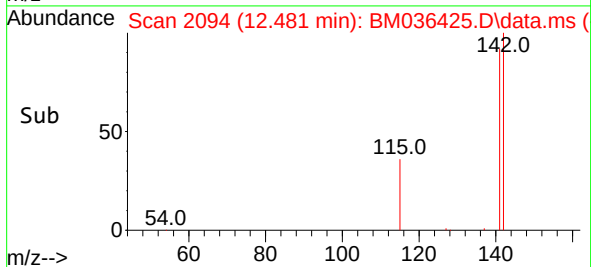
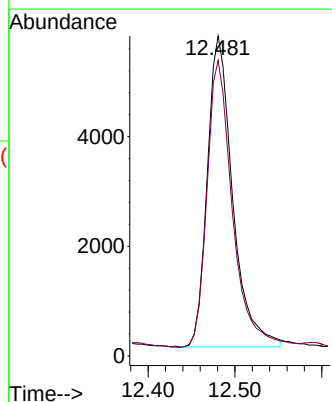
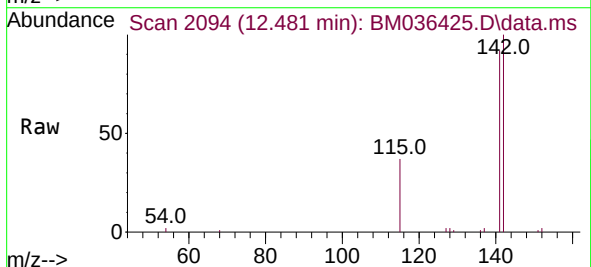
Instrument :
BNA_M
ClientSampleId :
SICV014

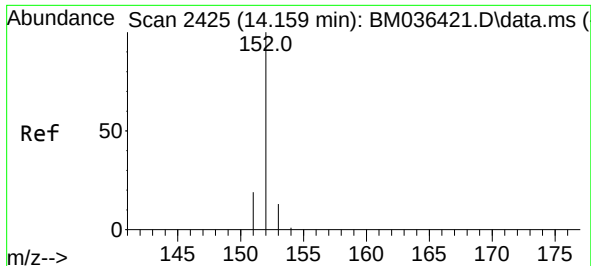
Tgt Ion:142 Resp: 12008
Ion Ratio Lower Upper
142 100
141 91.0 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.481 min Scan# 2094
Delta R.T. 0.005 min
Lab File: BM036425.D
Acq: 26 Aug 2022 14:29

Tgt Ion:142 Resp: 11496
Ion Ratio Lower Upper
142 100
141 92.2 74.1 111.1

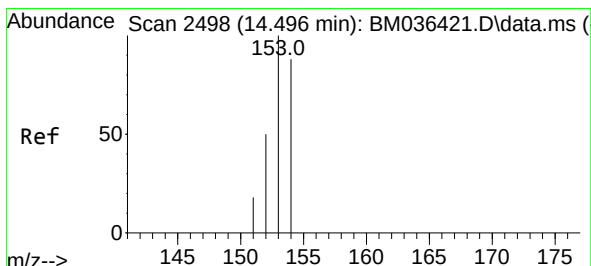
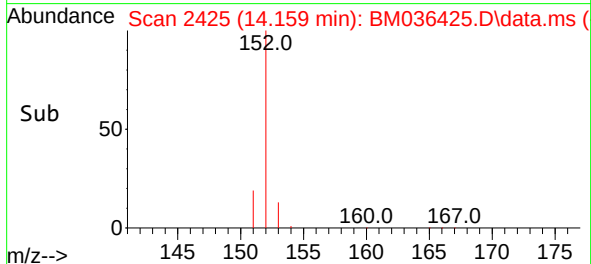
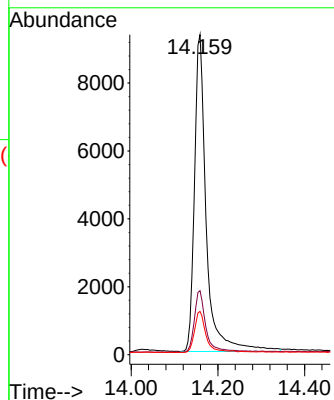
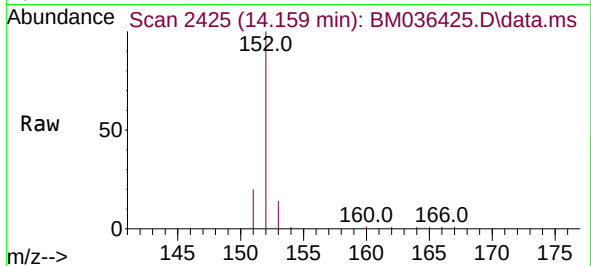




#10
Acenaphthylene
Concen: 0.421 ng/ul
RT: 14.159 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BM036425.D
Acq: 26 Aug 2022 14:29

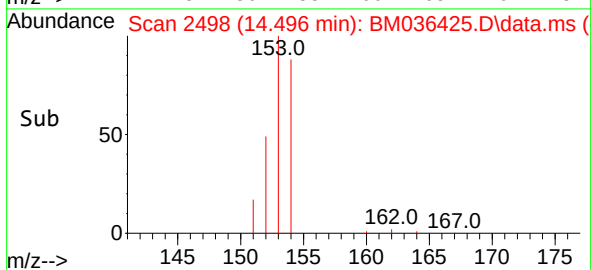
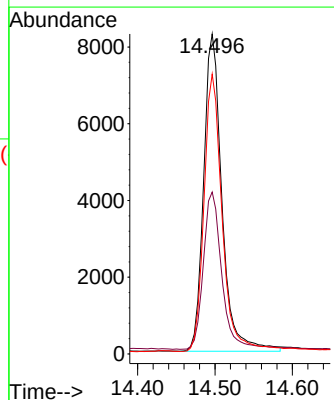
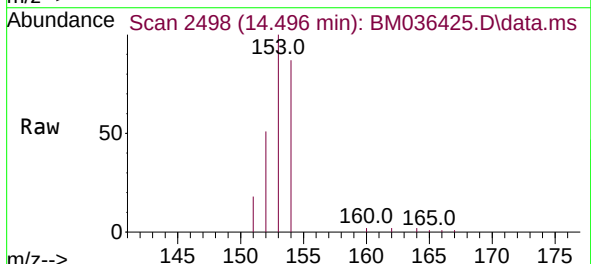
Instrument :
BNA_M
ClientSampleId :
SICV014

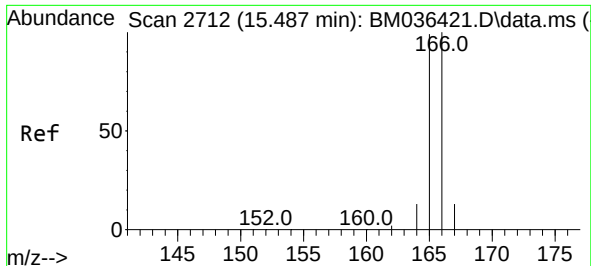
Tgt Ion:	152	Resp:	17684
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.6	24.8
153	13.5	11.4	17.0



#11
Acenaphthene
Concen: 0.401 ng/ul
RT: 14.496 min Scan# 2498
Delta R.T. -0.000 min
Lab File: BM036425.D
Acq: 26 Aug 2022 14:29

Tgt Ion:	153	Resp:	13582
Ion Ratio	Lower	Upper	
153	100		
152	50.6	40.2	60.4
154	87.4	69.7	104.5

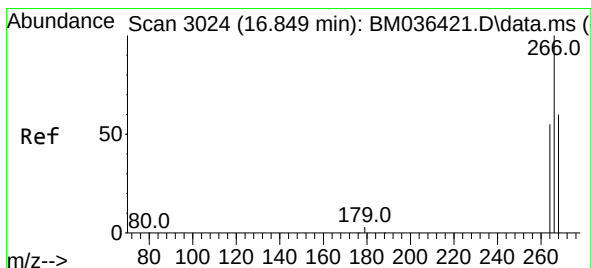
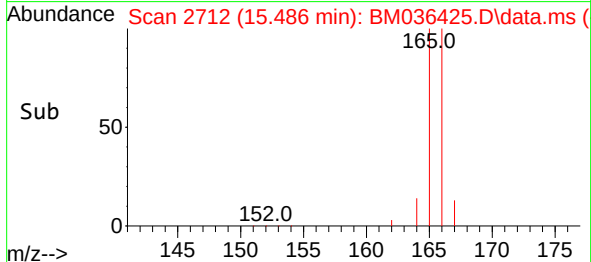
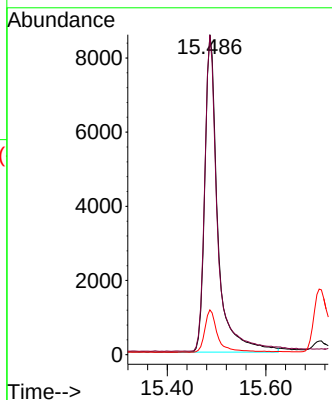
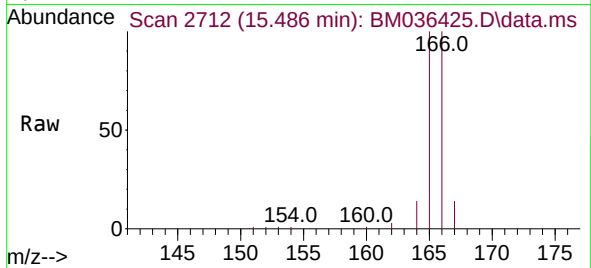




#12
 Fluorene
 Concen: 0.395 ng/ul
 RT: 15.486 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM036425.D
 Acq: 26 Aug 2022 14:29

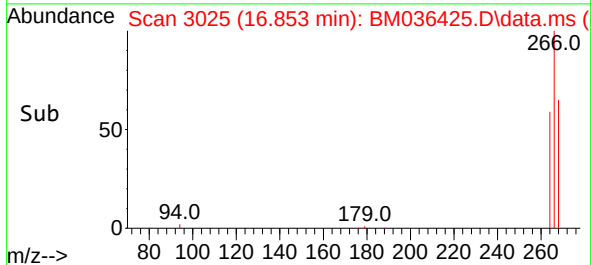
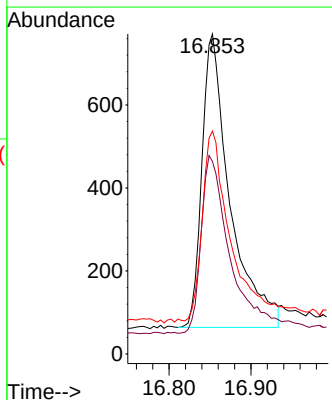
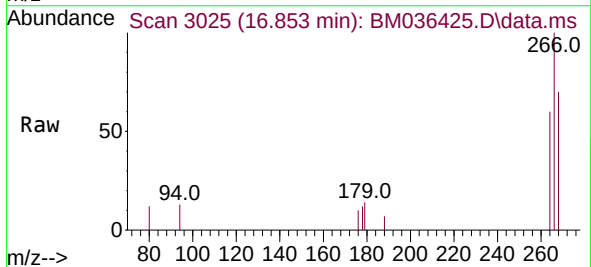
Instrument :
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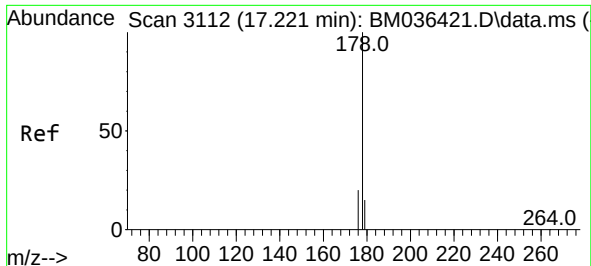
Tgt Ion:166 Resp: 15678
 Ion Ratio Lower Upper
 166 100
 165 99.9 78.9 118.3
 167 14.0 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.373 ng/ul
 RT: 16.853 min Scan# 3025
 Delta R.T. 0.004 min
 Lab File: BM036425.D
 Acq: 26 Aug 2022 14:29

Tgt Ion:266 Resp: 1681
 Ion Ratio Lower Upper
 266 100
 264 63.0 50.3 75.5
 268 64.4 53.5 80.3

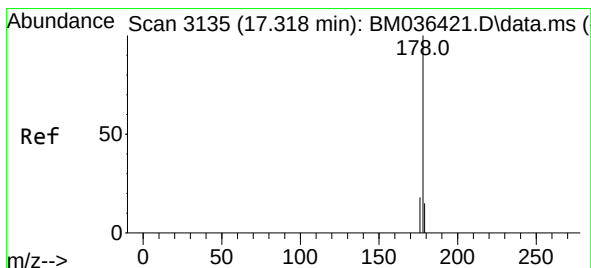
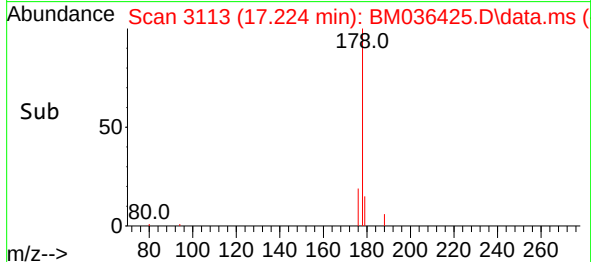
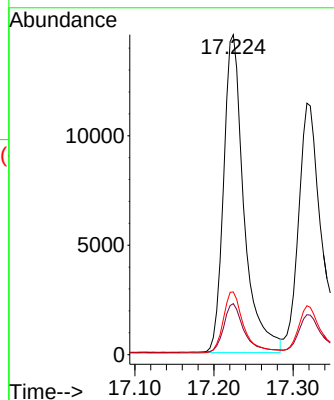
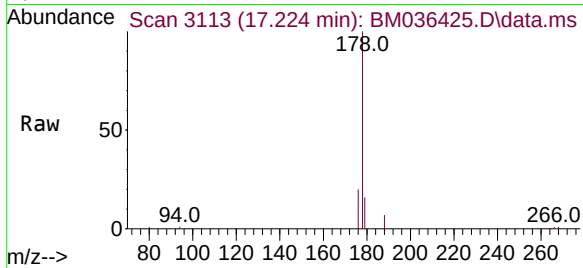




#15
Phenanthrene
Concen: 0.320 ng/u1
RT: 17.224 min Scan# 3112
Delta R.T. 0.004 min
Lab File: BM036425.D
Acq: 26 Aug 2022 14:29

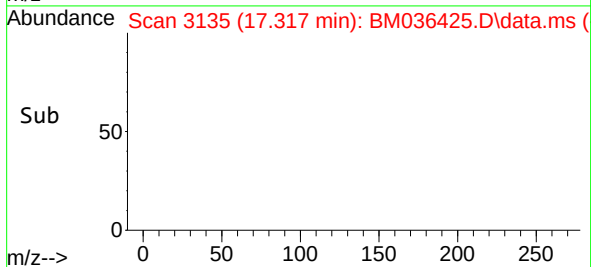
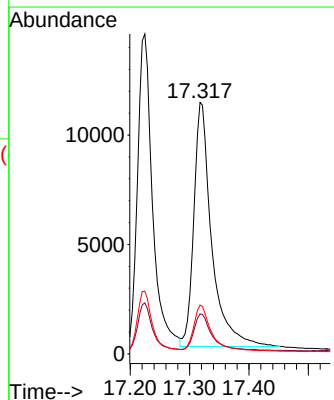
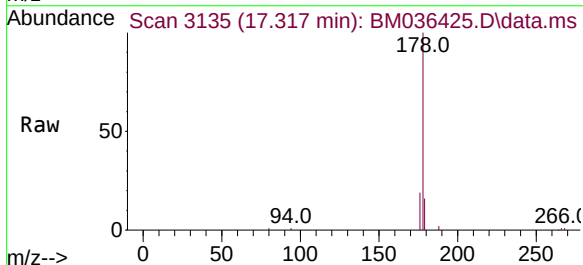
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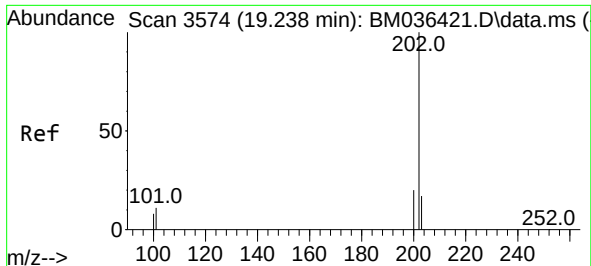
Tgt Ion:178 Resp: 26036
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.6 15.6 23.4



#16
Anthracene
Concen: 0.360 ng/u1
RT: 17.317 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BM036425.D
Acq: 26 Aug 2022 14:29

Tgt Ion:178 Resp: 23301
Ion Ratio Lower Upper
178 100
179 15.9 13.6 20.4
176 19.5 15.6 23.4

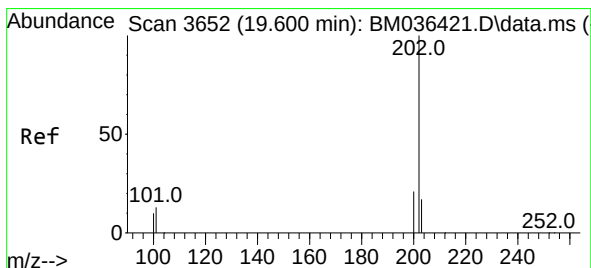
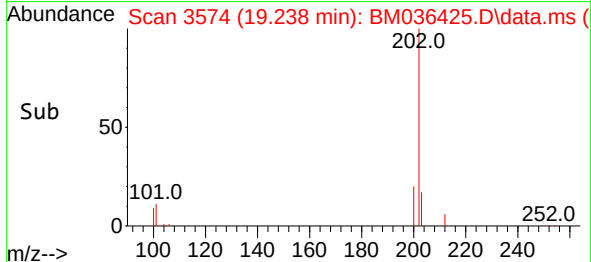
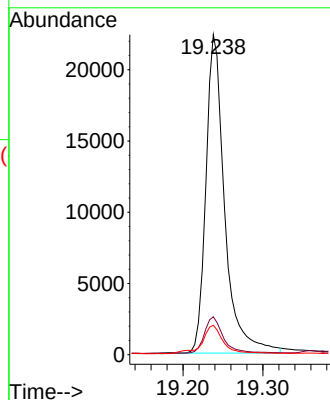
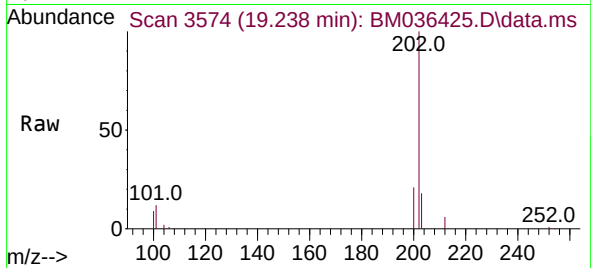




#19
Fluoranthene
Concen: 0.263 ng/ul
RT: 19.238 min Scan# 3574
Delta R.T. 0.000 min
Lab File: BM036425.D
Acq: 26 Aug 2022 14:29

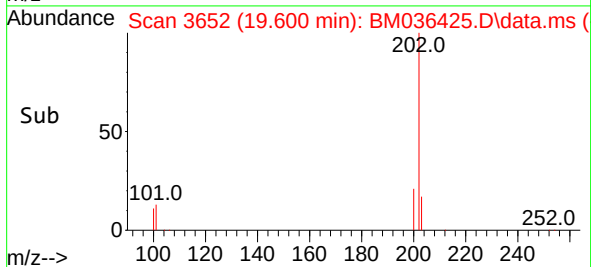
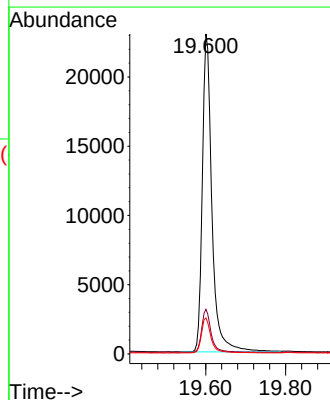
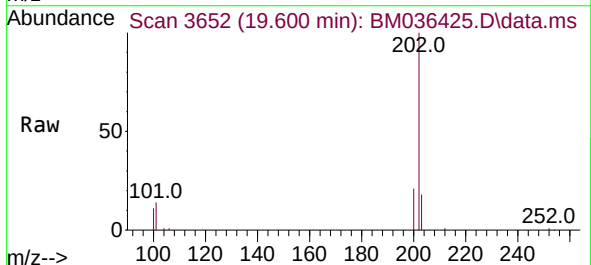
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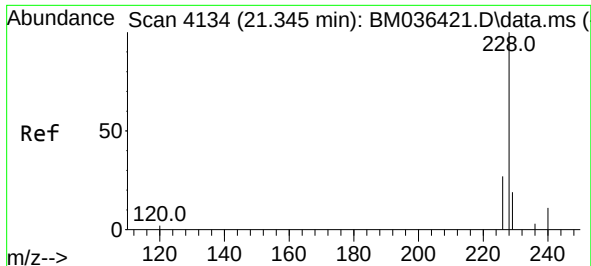
Tgt Ion:202 Resp: 36510
Ion Ratio Lower Upper
202 100
101 11.9 10.1 15.1
100 9.2 7.9 11.9



#20
Pyrene
Concen: 0.266 ng/ul
RT: 19.600 min Scan# 3652
Delta R.T. 0.000 min
Lab File: BM036425.D
Acq: 26 Aug 2022 14:29

Tgt Ion:202 Resp: 38400
Ion Ratio Lower Upper
202 100
101 14.0 12.0 18.0
100 11.3 9.8 14.6

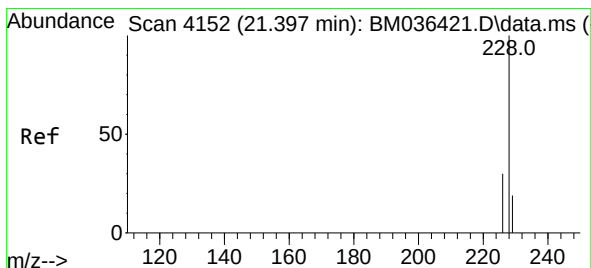
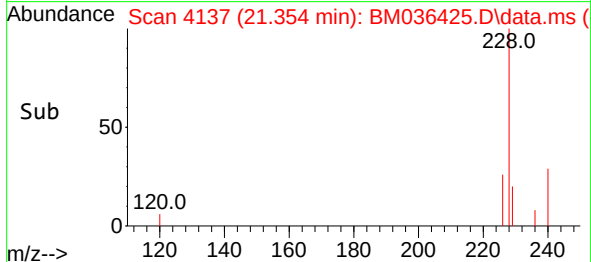
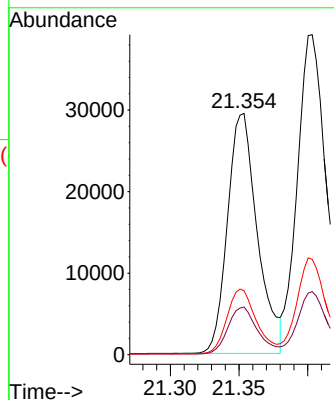
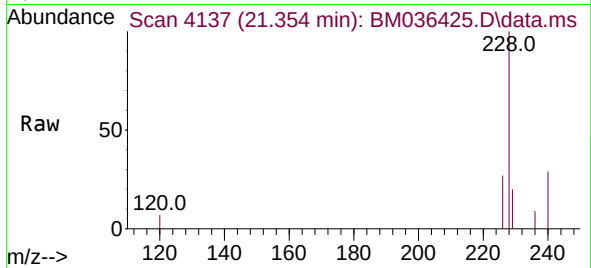




#21
Benzo(a)anthracene
Concen: 0.271 ng/ul
RT: 21.354 min Scan# 4134
Delta R.T. 0.009 min
Lab File: BM036425.D
Acq: 26 Aug 2022 14:29

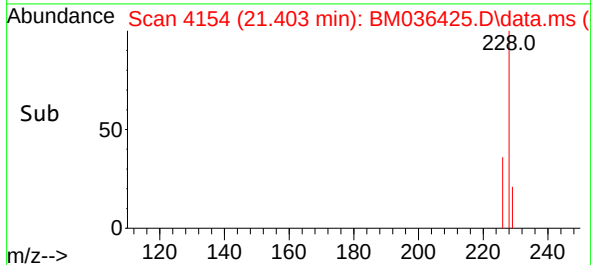
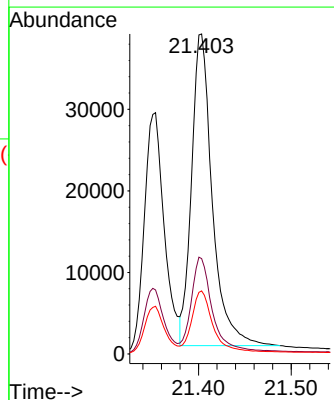
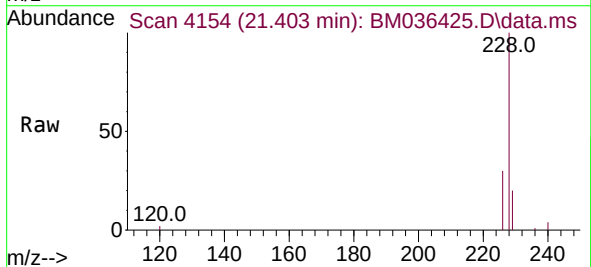
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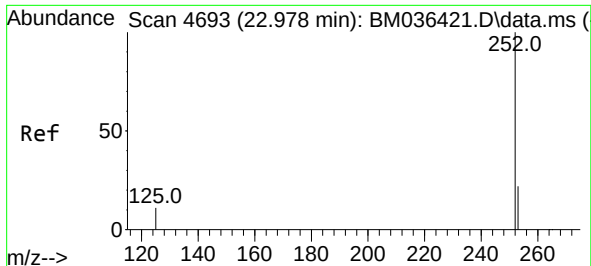
Tgt Ion:228 Resp: 44621
Ion Ratio Lower Upper
228 100
229 19.8 16.2 24.2
226 26.5 22.5 33.7



#22
Chrysene
Concen: 0.262 ng/ul
RT: 21.403 min Scan# 4154
Delta R.T. 0.006 min
Lab File: BM036425.D
Acq: 26 Aug 2022 14:29

Tgt Ion:228 Resp: 59402
Ion Ratio Lower Upper
228 100
226 29.8 24.6 37.0
229 19.7 16.4 24.6

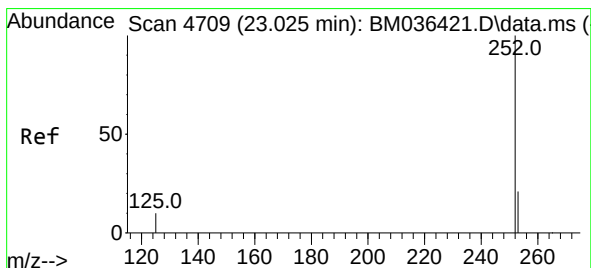
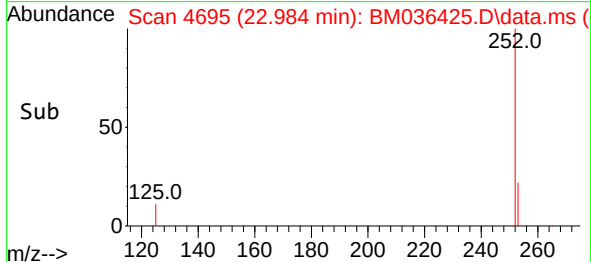
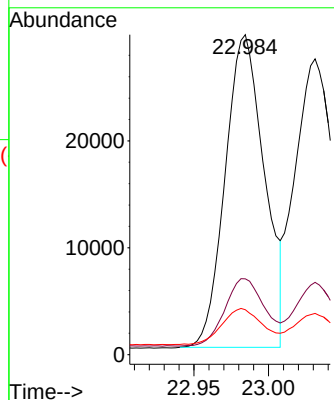
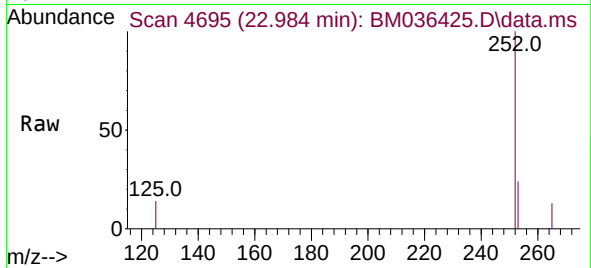




#24
Benzo(b)fluoranthene
Concen: 0.329 ng/ul
RT: 22.984 min Scan# 4695
Delta R.T. 0.006 min
Lab File: BM036425.D
Acq: 26 Aug 2022 14:29

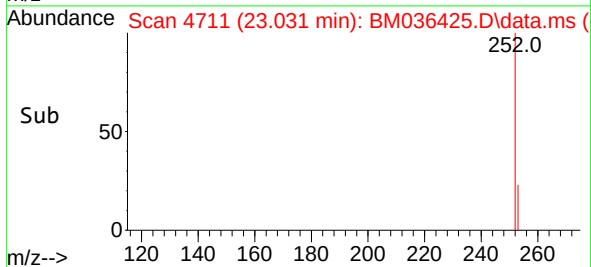
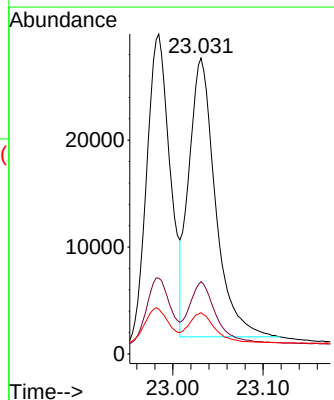
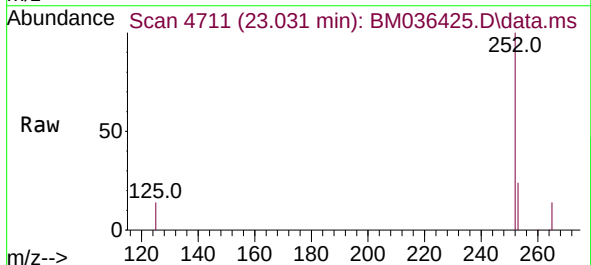
Instrument :
BNA_M
ClientSampleId :
SICV014

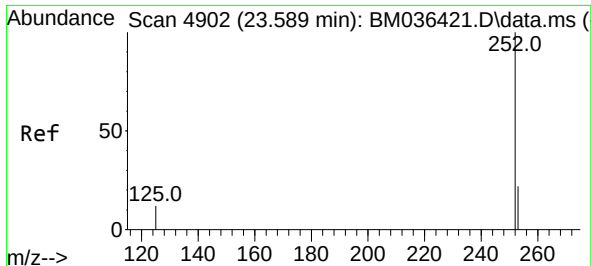
Tgt Ion:252 Resp: 53532
Ion Ratio Lower Upper
252 100
253 23.7 0.0 61.4
125 14.1 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.326 ng/ul
RT: 23.031 min Scan# 4711
Delta R.T. 0.006 min
Lab File: BM036425.D
Acq: 26 Aug 2022 14:29

Tgt Ion:252 Resp: 53356
Ion Ratio Lower Upper
252 100
253 24.4 25.2 37.8#
125 13.9 18.3 27.5#

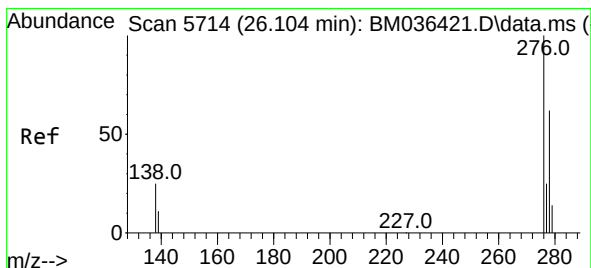
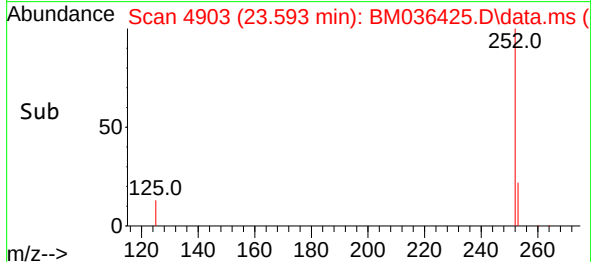
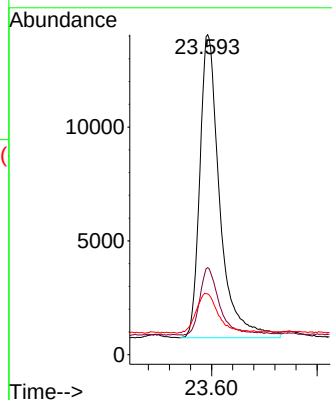
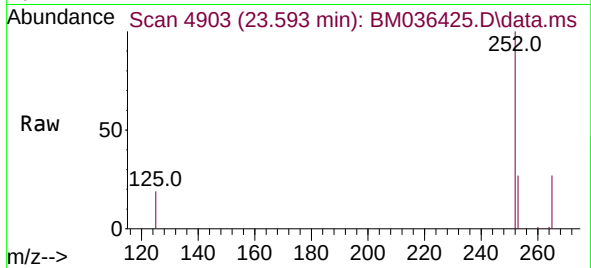




#26
Benzo(a)pyrene
Concen: 0.340 ng/ul
RT: 23.593 min Scan# 4902
Delta R.T. 0.003 min
Lab File: BM036425.D
Acq: 26 Aug 2022 14:29

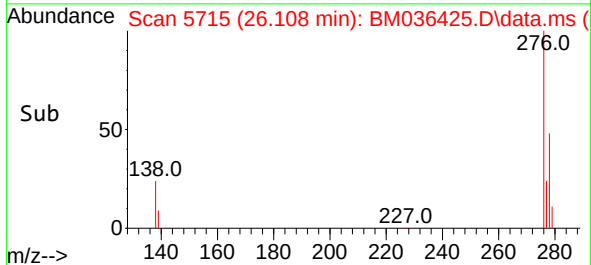
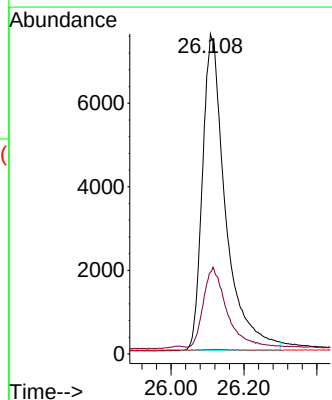
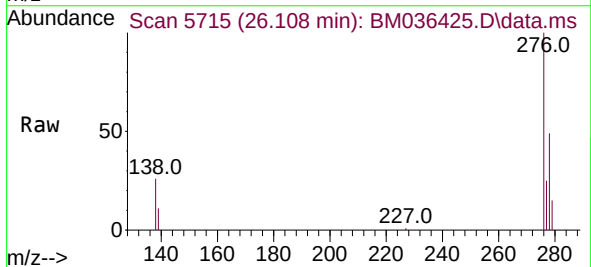
Instrument :
BNA_M
ClientSampleId :
SICV014

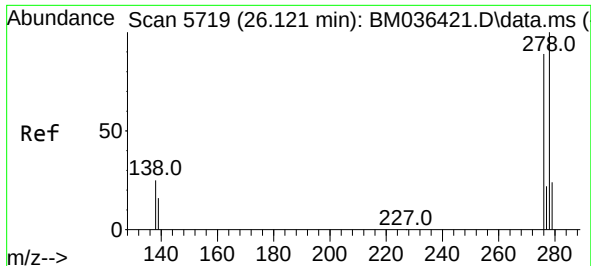
Tgt Ion:252 Resp: 34935
Ion Ratio Lower Upper
252 100
253 27.2 29.7 44.5#
125 19.0 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.430 ng/ul
RT: 26.108 min Scan# 5715
Delta R.T. 0.004 min
Lab File: BM036425.D
Acq: 26 Aug 2022 14:29

Tgt Ion:276 Resp: 33469
Ion Ratio Lower Upper
276 100
138 25.7 23.9 35.9
227 0.1 0.1 0.1#

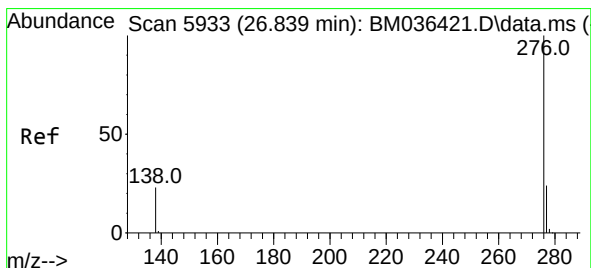
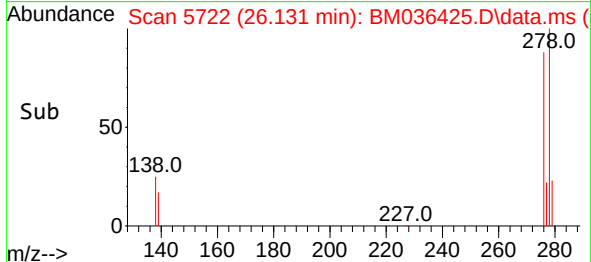
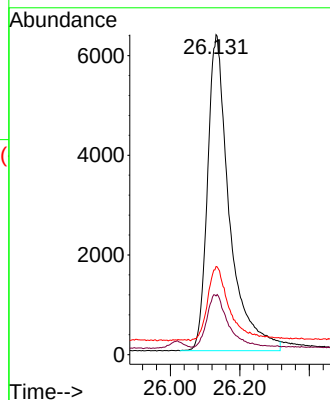
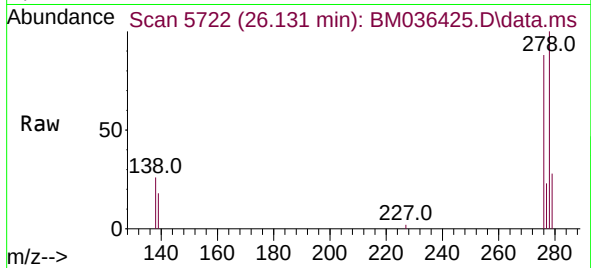




#28
 Dibenzo(a,h)anthracene
 Concen: 0.421 ng/ul
 RT: 26.131 min Scan# 51
 Delta R.T. 0.010 min
 Lab File: BM036425.D
 Acq: 26 Aug 2022 14:29

Instrument :
 BNA_M
 ClientSampleId :
 SICV014

Tgt Ion:278 Resp: 27732
 Ion Ratio Lower Upper
 278 100
 139 18.3 19.8 29.6#
 279 27.5 27.7 41.5#



#29
 Benzo(g,h,i)perylene
 Concen: 0.423 ng/ul
 RT: 26.843 min Scan# 5934
 Delta R.T. 0.004 min
 Lab File: BM036425.D
 Acq: 26 Aug 2022 14:29

Tgt Ion:276 Resp: 29798
 Ion Ratio Lower Upper
 276 100
 138 24.1 23.4 35.0
 277 25.3 21.0 31.4

