

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082622\
 Data File : BM036419.D
 Acq On : 26 Aug 2022 10:49
 Operator : CG/JU
 Sample : SST0.156
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1008

Quant Time: Aug 26 13:27:37 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 13:25:55 2022
 Response via : Initial Calibration

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

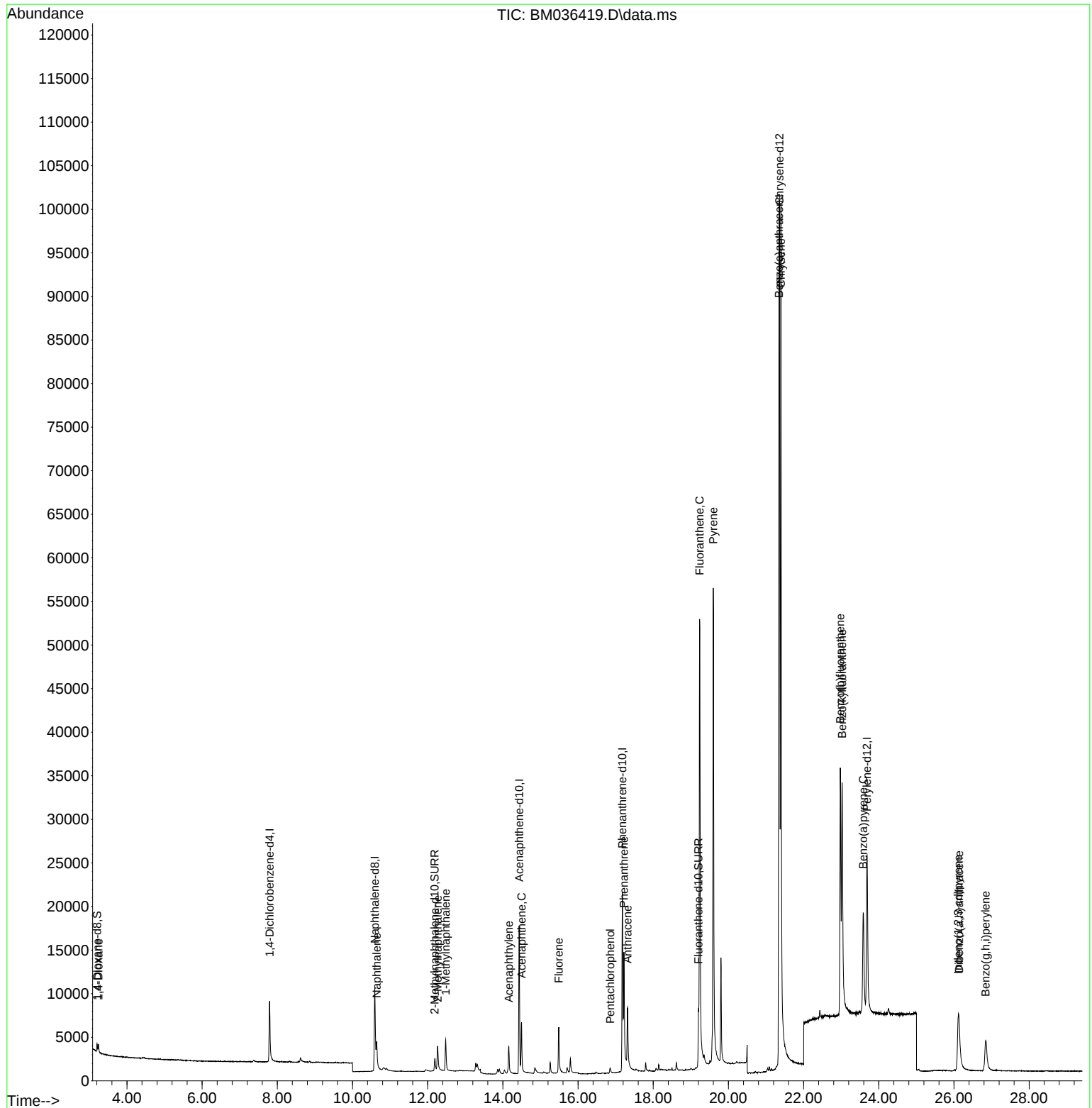
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	4488	0.400	ng/ul	0.00
4) Naphthalene-d8	10.594	136	17562	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.432	164	10274	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.179	188	29081	0.400	ng/ul	0.00
17) Chrysene-d12	21.359	240	73905	0.400	ng/ul #	0.00
23) Perylene-d12	23.688	264	28470	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.209	96	711	0.117	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.189	152	2746	0.100	ng/ul	0.00
18) Fluoranthene-d10	19.206	212	7468	0.030	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.243	88	600	0.100	ng/ul#	3
5) Naphthalene	10.644	128	5815	0.108	ng/ul	98
7) 2-Methylnaphthalene	12.266	142	2985	0.089	ng/ul	97
8) 1-Methylnaphthalene	12.481	142	2959	0.093	ng/ul	100
10) Acenaphthylene	14.159	152	4396	0.082	ng/ul	97
11) Acenaphthene	14.497	153	3568	0.086	ng/ul	99
12) Fluorene	15.487	166	4358	0.091	ng/ul	98
14) Pentachlorophenol	16.854	266	632	0.138	ng/ul	99
15) Phenanthrene	17.221	178	16756	0.159	ng/ul	99
16) Anthracene	17.318	178	10650	0.122	ng/ul	98
19) Fluoranthene	19.234	202	56003	0.151	ng/ul	98
20) Pyrene	19.597	202	57878	0.140	ng/ul	97
21) Benzo(a)anthracene	21.344	228	65765	0.257	ng/ul	98
22) Chrysene	21.397	228	95057	0.289	ng/ul	98
24) Benzo(b)fluoranthene	22.978	252	39968	0.328	ng/ul	91
25) Benzo(k)fluoranthene	23.024	252	39785	0.319	ng/ul#	88
26) Benzo(a)pyrene	23.589	252	22850	0.183	ng/ul	90
27) Indeno(1,2,3-cd)pyrene	26.110	276	12126	0.089	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.134	278	9995	0.093	ng/ul	96
29) Benzo(g,h,i)perylene	26.845	276	10549	0.084	ng/ul	96

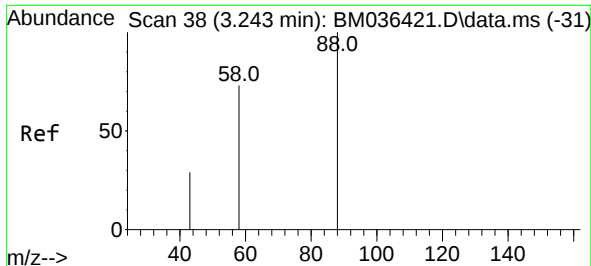
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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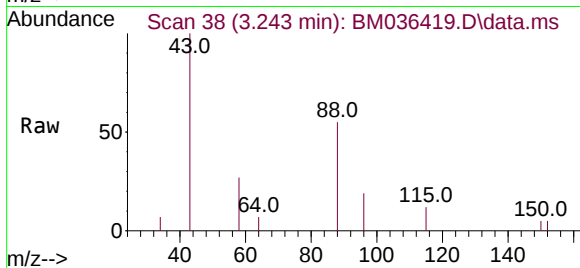
Quant Time: Aug 26 13:27:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM082622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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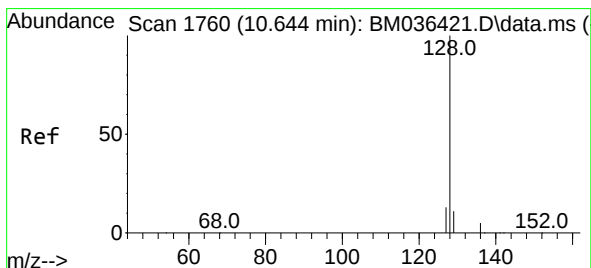
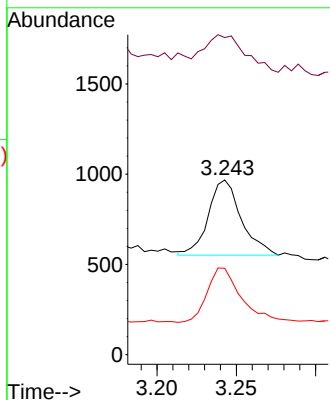
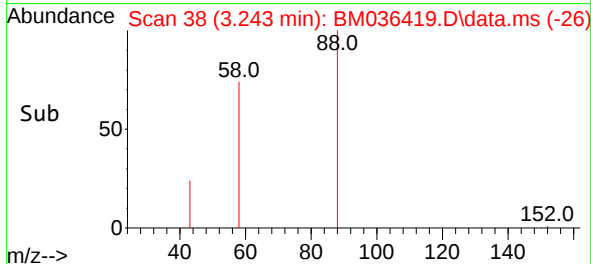


#2
1,4-Dioxane
Concen: 0.100 ng/ul
RT: 3.243 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM036419.D
Acq: 26 Aug 2022 10:49

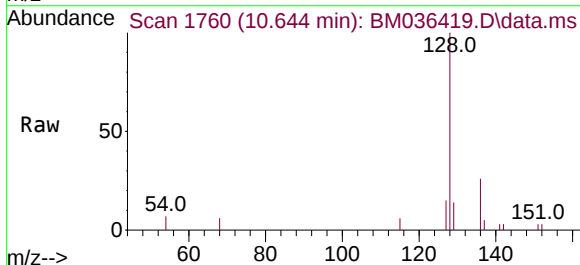
Instrument :
BNA_M
ClientSampleId :
SSTD0.1008



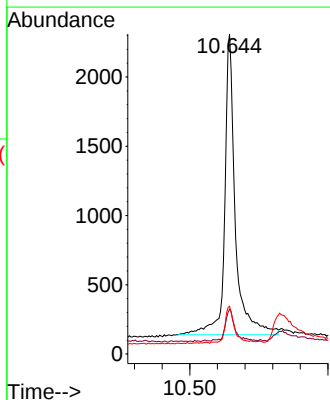
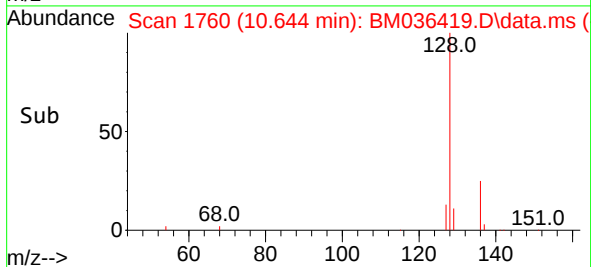
Tgt Ion: 88 Resp: 600
Ion Ratio Lower Upper
88 100
43 181.5 37.8 56.6#
58 49.5 42.6 63.8

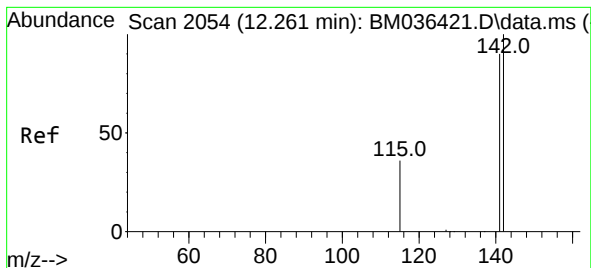


#5
Naphthalene
Concen: 0.108 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BM036419.D
Acq: 26 Aug 2022 10:49



Tgt Ion: 128 Resp: 5815
Ion Ratio Lower Upper
128 100
129 14.0 10.2 15.2
127 14.9 11.7 17.5

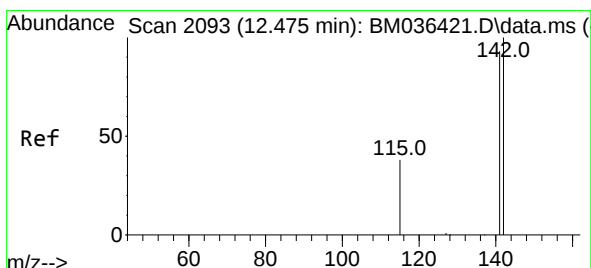
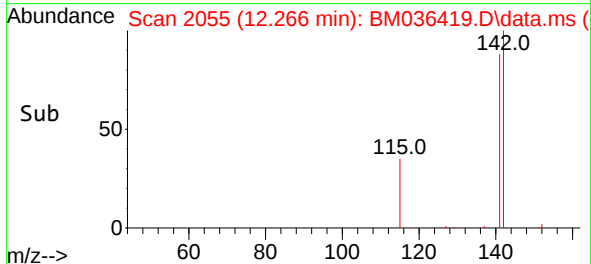
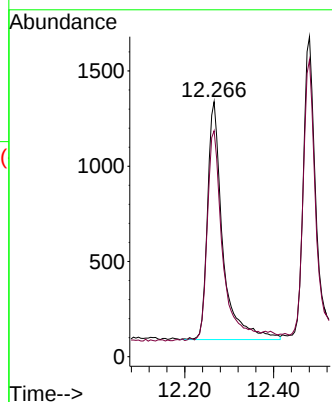
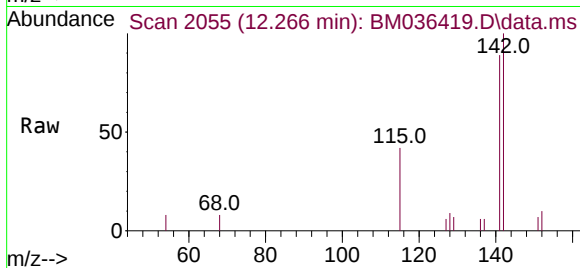




#7
2-Methylnaphthalene
Concen: 0.089 ng/ul
RT: 12.266 min Scan# 2054
Delta R.T. 0.005 min
Lab File: BM036419.D
Acq: 26 Aug 2022 10:49

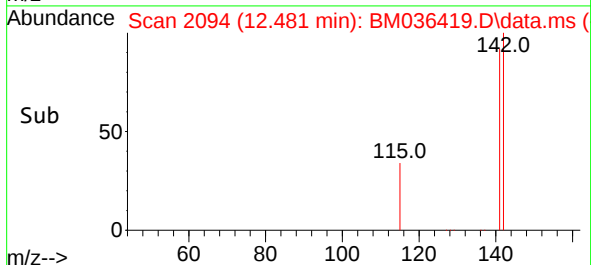
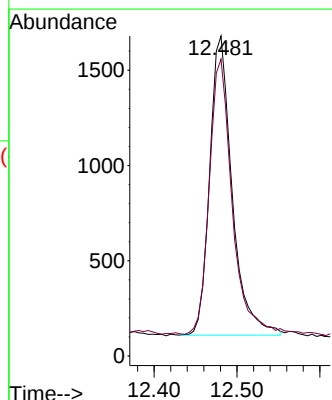
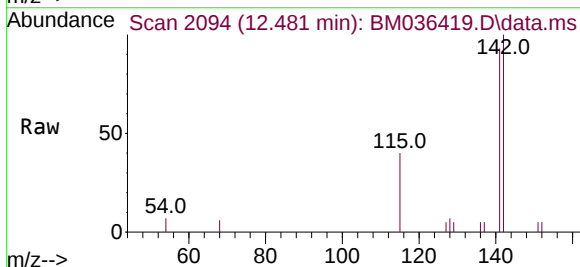
Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

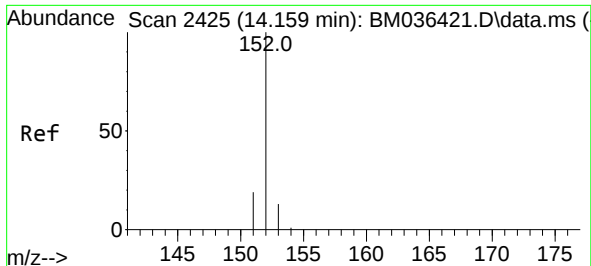
Tgt Ion:142 Resp: 2985
Ion Ratio Lower Upper
142 100
141 94.2 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.481 min Scan# 2094
Delta R.T. 0.005 min
Lab File: BM036419.D
Acq: 26 Aug 2022 10:49

Tgt Ion:142 Resp: 2959
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1

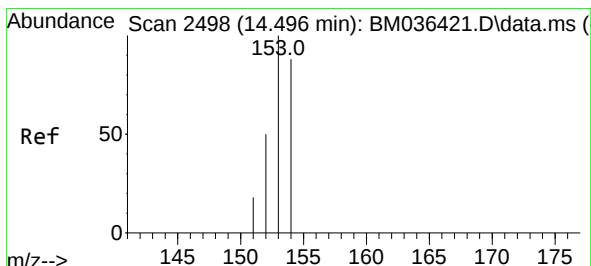
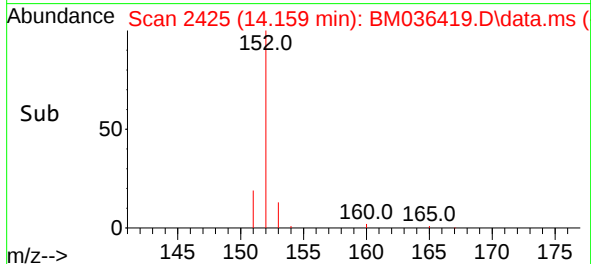
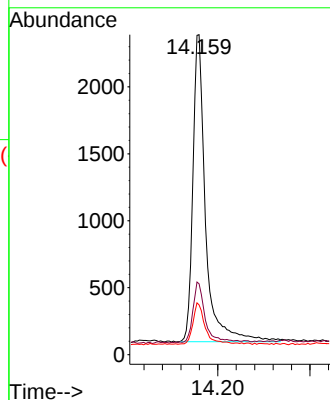
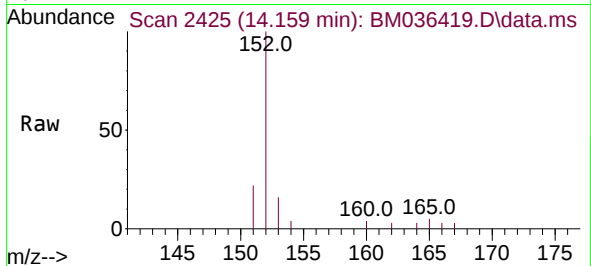




#10
Acenaphthylene
Concen: 0.082 ng/u1
RT: 14.159 min Scan# 2425
Delta R.T. 0.001 min
Lab File: BM036419.D
Acq: 26 Aug 2022 10:49

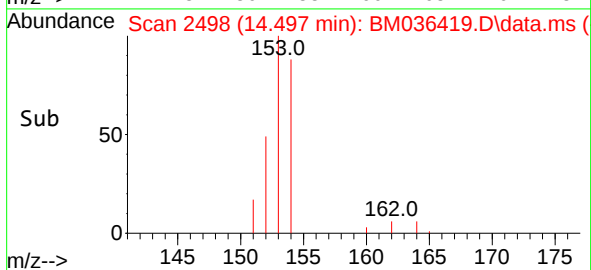
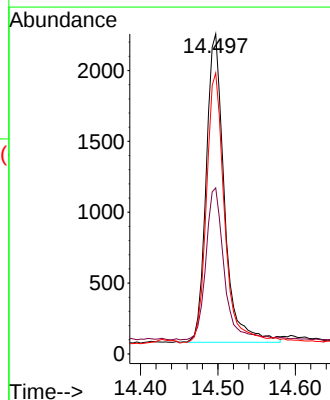
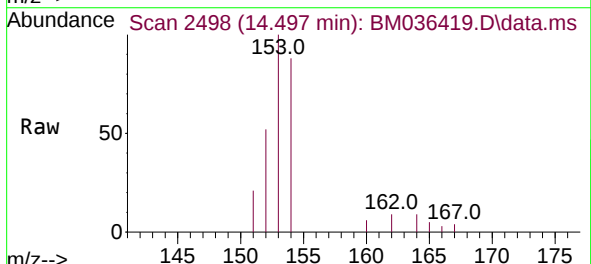
Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

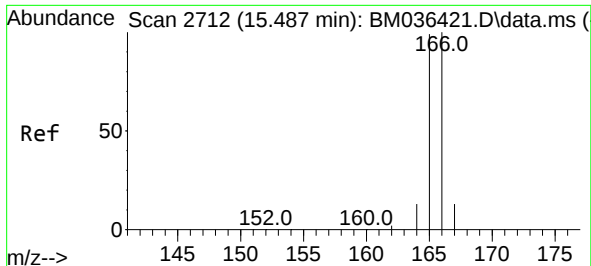
Tgt Ion:	152	Resp:	4396
Ion Ratio	Lower	Upper	
152	100		
151	22.1	16.6	24.8
153	15.6	11.4	17.0



#11
Acenaphthene
Concen: 0.086 ng/u1
RT: 14.497 min Scan# 2498
Delta R.T. 0.001 min
Lab File: BM036419.D
Acq: 26 Aug 2022 10:49

Tgt Ion:	153	Resp:	3568
Ion Ratio	Lower	Upper	
153	100		
152	51.9	40.2	60.4
154	87.8	69.7	104.5

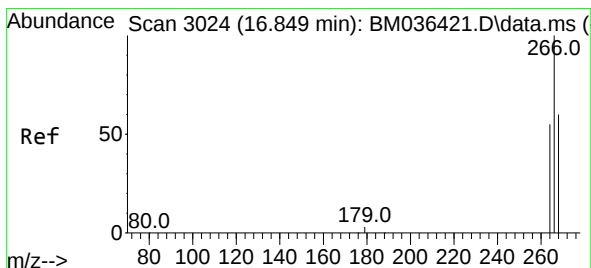
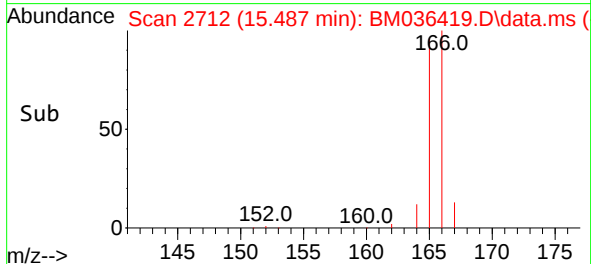
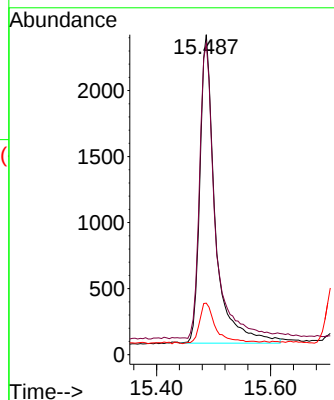
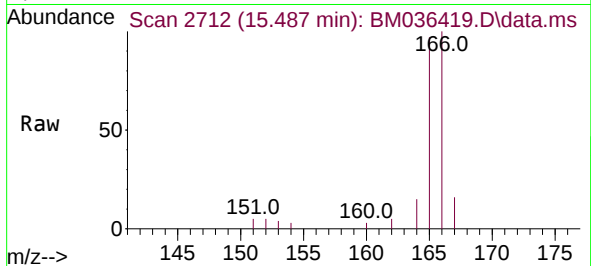




#12
Fluorene
Concen: 0.091 ng/ul
RT: 15.487 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM036419.D
Acq: 26 Aug 2022 10:49

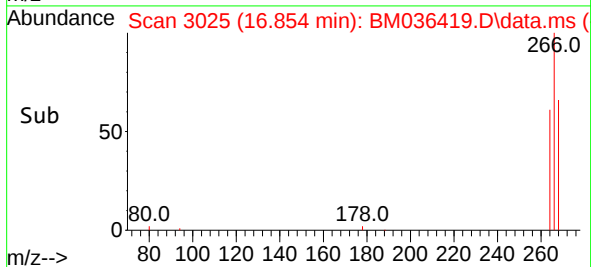
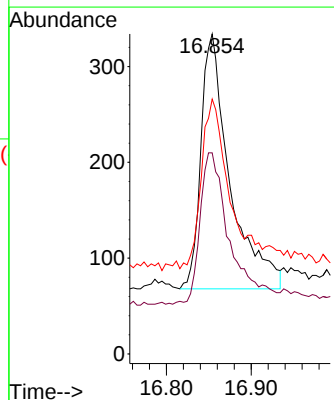
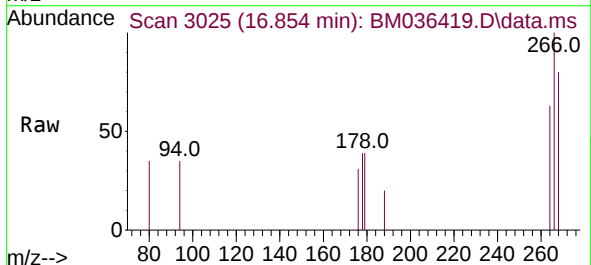
Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

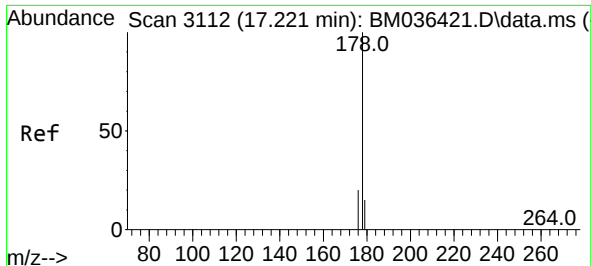
Tgt Ion:166 Resp: 4358
Ion Ratio Lower Upper
166 100
165 97.3 78.9 118.3
167 16.1 11.3 16.9



#14
Pentachlorophenol
Concen: 0.138 ng/ul
RT: 16.854 min Scan# 3025
Delta R.T. 0.005 min
Lab File: BM036419.D
Acq: 26 Aug 2022 10:49

Tgt Ion:266 Resp: 632
Ion Ratio Lower Upper
266 100
264 61.2 50.3 75.5
268 67.4 53.5 80.3

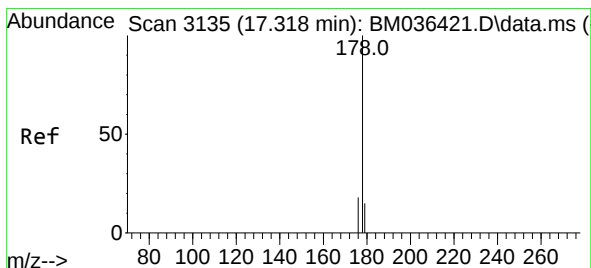
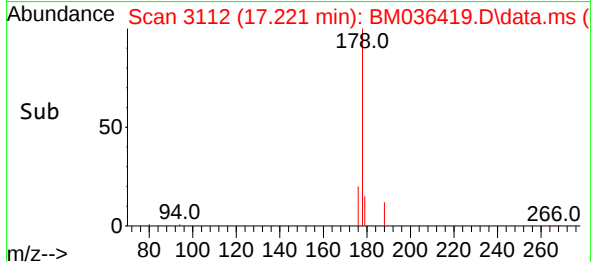
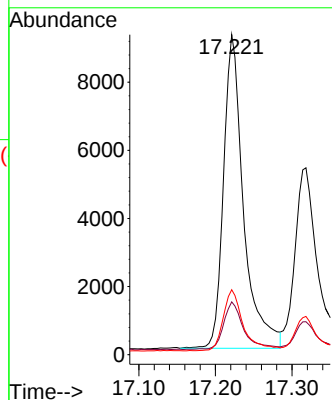
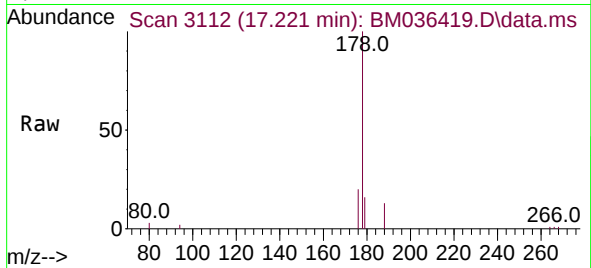




#15
Phenanthrene
Concen: 0.159 ng/ul
RT: 17.221 min Scan# 3112
Delta R.T. 0.001 min
Lab File: BM036419.D
Acq: 26 Aug 2022 10:49

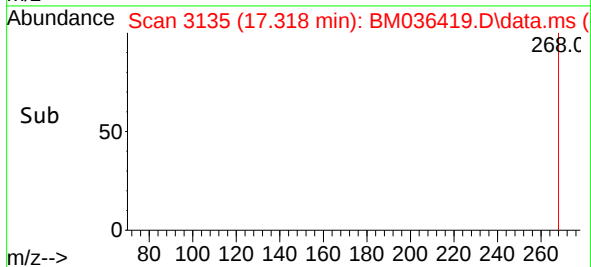
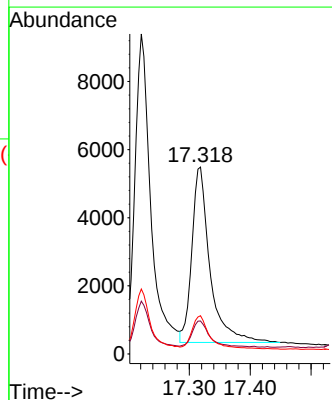
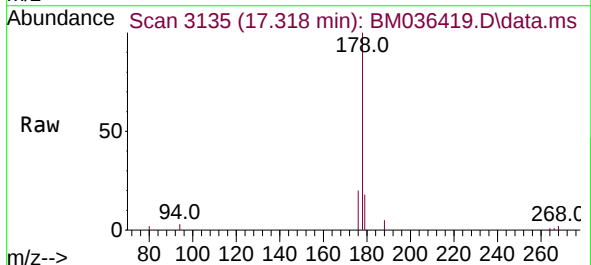
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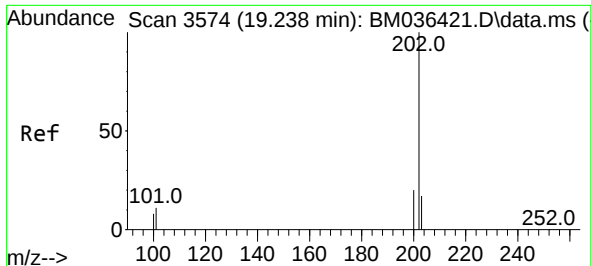
Tgt Ion:178 Resp: 16756
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.6
176 20.3 15.6 23.4



#16
Anthracene
Concen: 0.122 ng/ul
RT: 17.318 min Scan# 3135
Delta R.T. 0.001 min
Lab File: BM036419.D
Acq: 26 Aug 2022 10:49

Tgt Ion:178 Resp: 10650
Ion Ratio Lower Upper
178 100
179 17.7 13.6 20.4
176 20.4 15.6 23.4

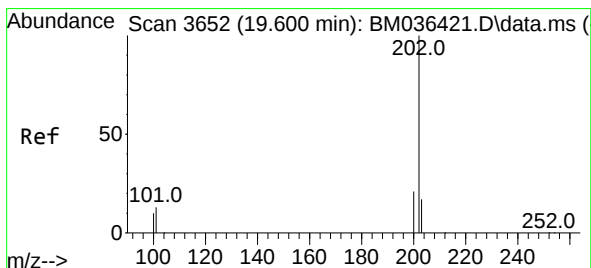
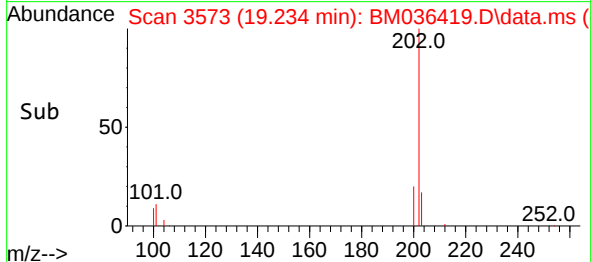
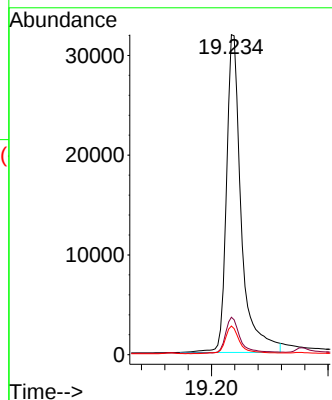
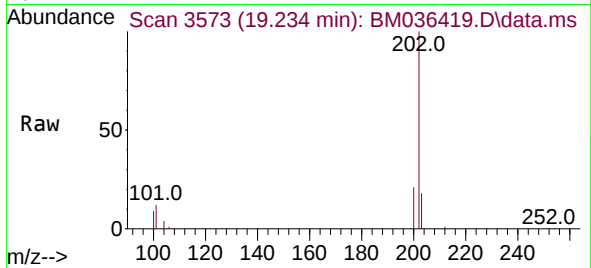




#19
Fluoranthene
Concen: 0.151 ng/ul
RT: 19.234 min Scan# 3573
Delta R.T. -0.004 min
Lab File: BM036419.D
Acq: 26 Aug 2022 10:49

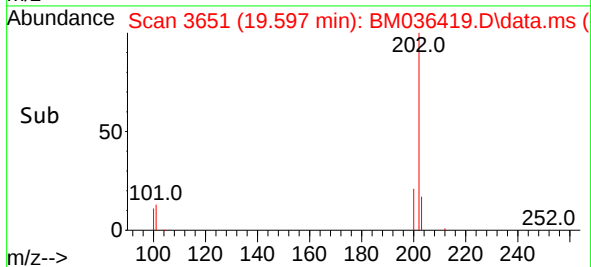
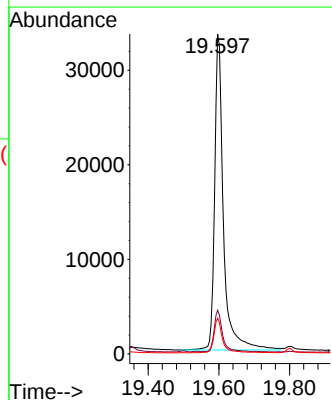
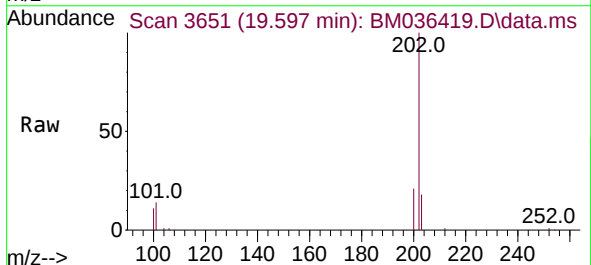
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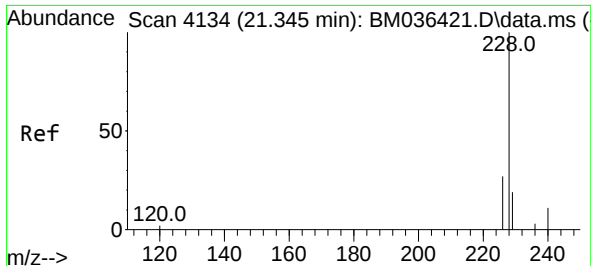
Tgt Ion:202 Resp: 56003
Ion Ratio Lower Upper
202 100
101 11.7 10.1 15.1
100 9.0 7.9 11.9



#20
Pyrene
Concen: 0.140 ng/ul
RT: 19.597 min Scan# 3651
Delta R.T. -0.004 min
Lab File: BM036419.D
Acq: 26 Aug 2022 10:49

Tgt Ion:202 Resp: 57878
Ion Ratio Lower Upper
202 100
101 13.7 12.0 18.0
100 11.2 9.8 14.6

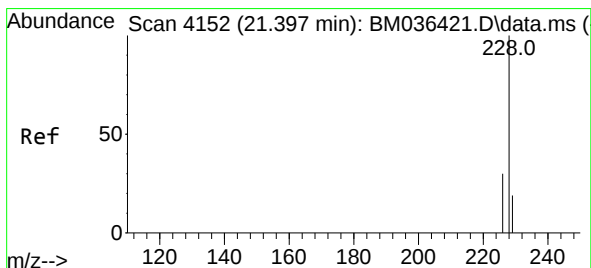
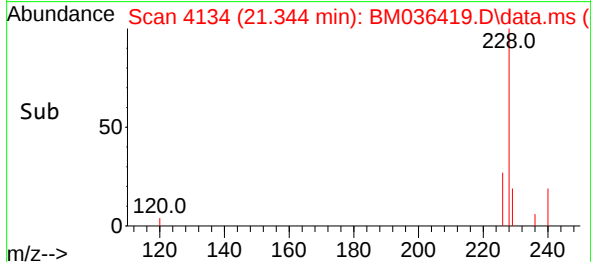
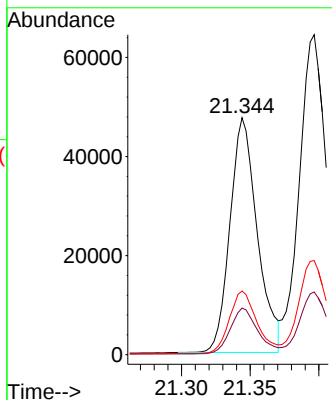
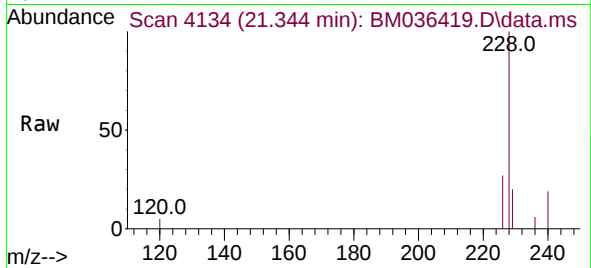




#21
Benzo(a)anthracene
Concen: 0.257 ng/ul
RT: 21.344 min Scan# 4134
Delta R.T. -0.001 min
Lab File: BM036419.D
Acq: 26 Aug 2022 10:49

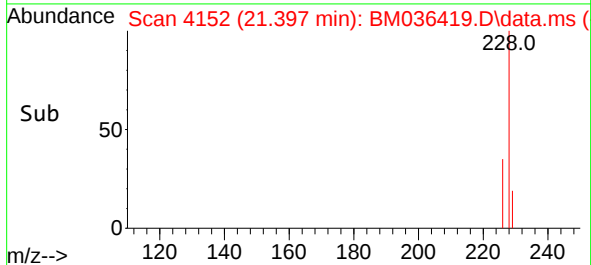
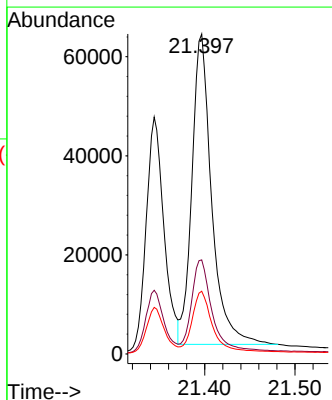
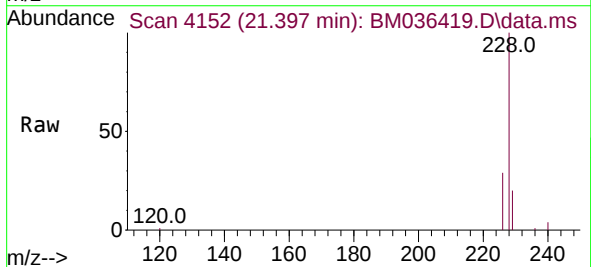
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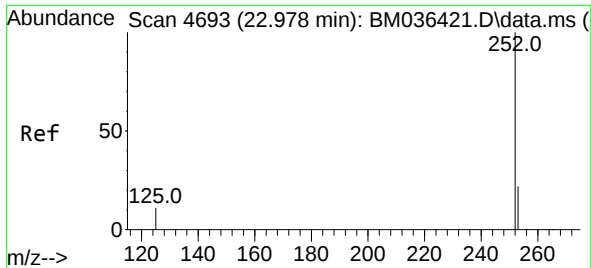
Tgt Ion:228 Resp: 65765
Ion Ratio Lower Upper
228 100
229 19.7 16.2 24.2
226 26.9 22.5 33.7



#22
Chrysene
Concen: 0.289 ng/ul
RT: 21.397 min Scan# 4152
Delta R.T. -0.001 min
Lab File: BM036419.D
Acq: 26 Aug 2022 10:49

Tgt Ion:228 Resp: 95057
Ion Ratio Lower Upper
228 100
226 29.4 24.6 37.0
229 19.6 16.4 24.6

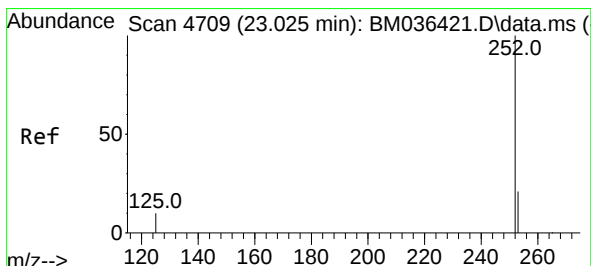
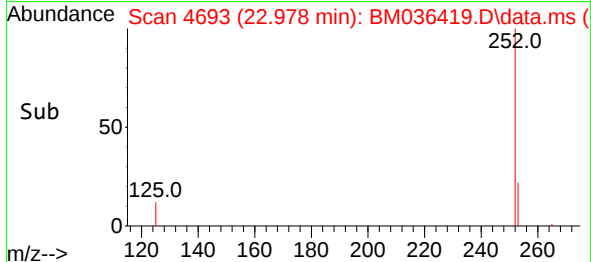
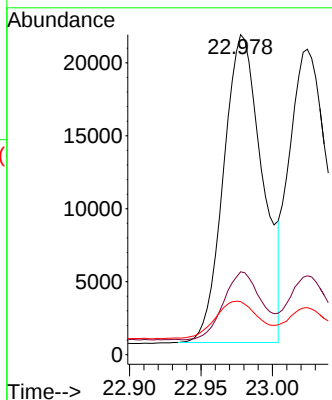
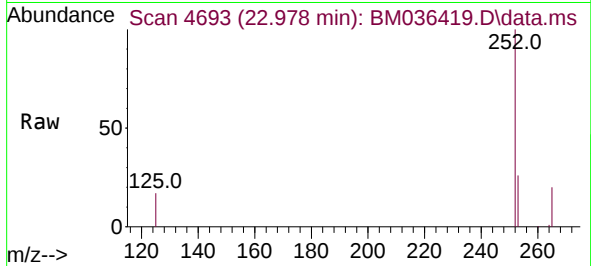




#24
Benzo(b)fluoranthene
Concen: 0.328 ng/ul
RT: 22.978 min Scan# 4693
Delta R.T. -0.001 min
Lab File: BM036419.D
Acq: 26 Aug 2022 10:49

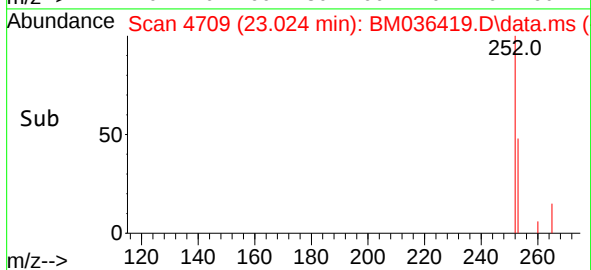
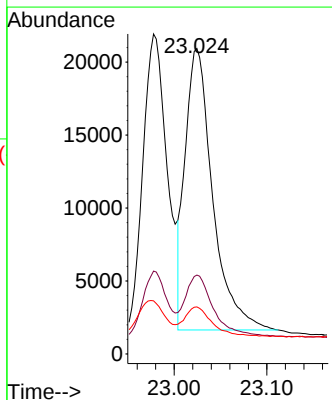
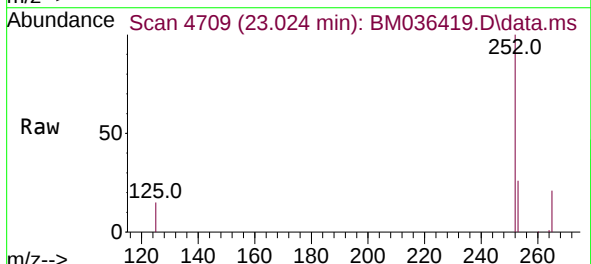
Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

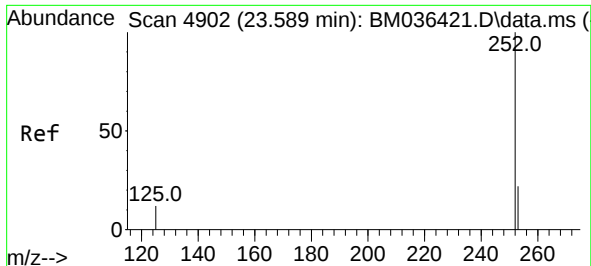
Tgt Ion:252 Resp: 39968
Ion Ratio Lower Upper
252 100
253 25.9 0.0 61.4
125 16.6 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.319 ng/ul
RT: 23.024 min Scan# 4709
Delta R.T. -0.001 min
Lab File: BM036419.D
Acq: 26 Aug 2022 10:49

Tgt Ion:252 Resp: 39785
Ion Ratio Lower Upper
252 100
253 25.8 25.2 37.8
125 15.4 18.3 27.5#

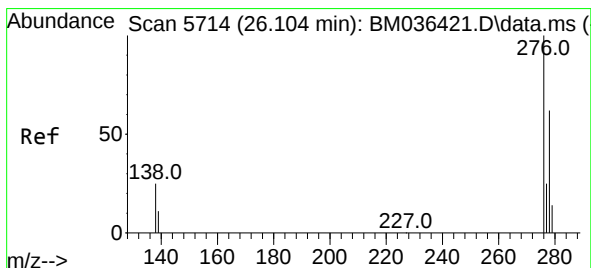
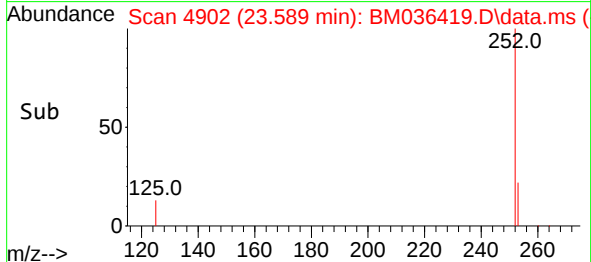
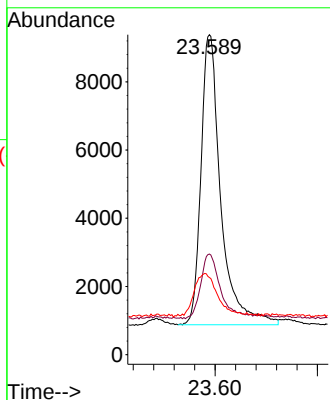
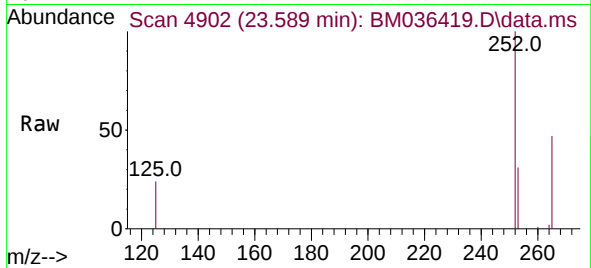




#26
Benzo(a)pyrene
Concen: 0.183 ng/ul
RT: 23.589 min Scan# 4902
Delta R.T. -0.001 min
Lab File: BM036419.D
Acq: 26 Aug 2022 10:49

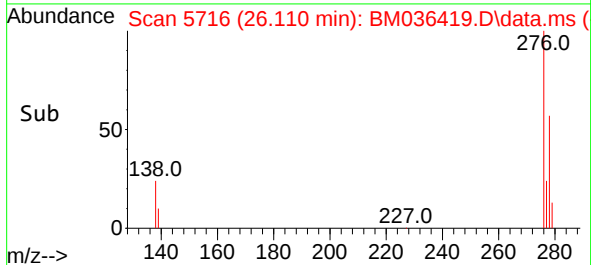
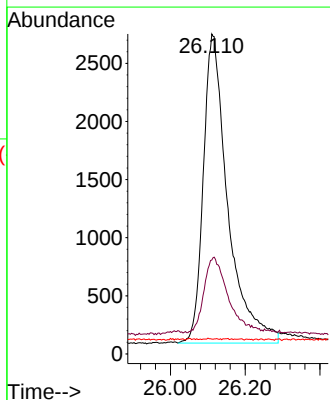
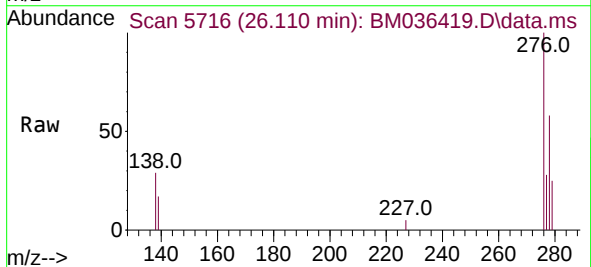
Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

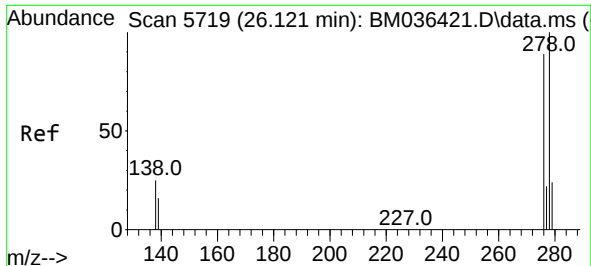
Tgt Ion:252 Resp: 22850
Ion Ratio Lower Upper
252 100
253 31.5 29.7 44.5
125 24.1 23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng/ul
RT: 26.110 min Scan# 5716
Delta R.T. 0.006 min
Lab File: BM036419.D
Acq: 26 Aug 2022 10:49

Tgt Ion:276 Resp: 12126
Ion Ratio Lower Upper
276 100
138 24.2 23.9 35.9
227 0.1 0.1 0.1#

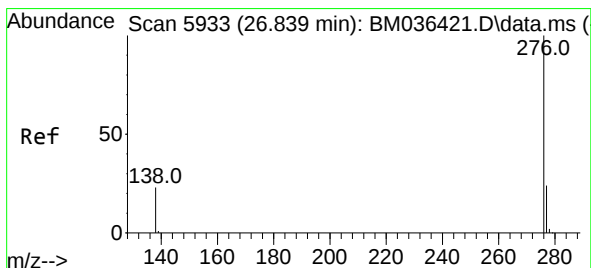
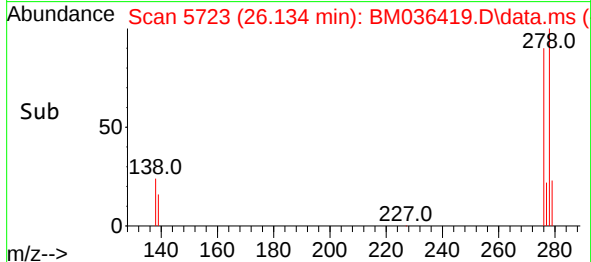
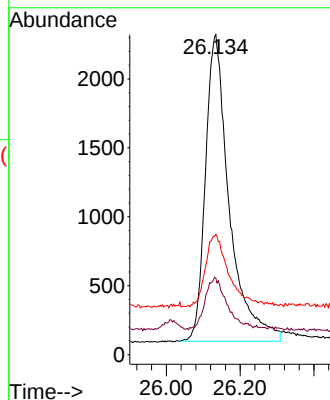
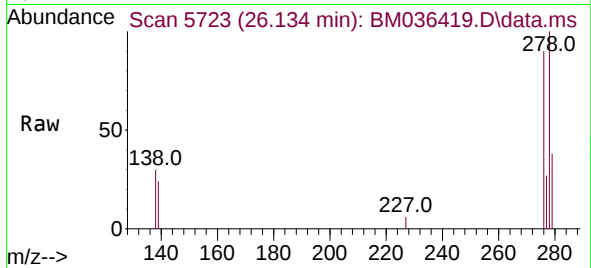




#28
Dibenzo(a,h)anthracene
Concen: 0.093 ng/ul
RT: 26.134 min Scan# 51
Delta R.T. 0.013 min
Lab File: BM036419.D
Acq: 26 Aug 2022 10:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

Tgt Ion:278 Resp: 9995
Ion Ratio Lower Upper
278 100
139 23.9 19.8 29.6
279 37.6 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.084 ng/ul
RT: 26.845 min Scan# 5935
Delta R.T. 0.006 min
Lab File: BM036419.D
Acq: 26 Aug 2022 10:49

Tgt Ion:276 Resp: 10549
Ion Ratio Lower Upper
276 100
138 26.9 23.4 35.0
277 27.7 21.0 31.4

