

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032822\
 Data File : BM034395.D
 Acq On : 28 Mar 2022 17:13
 Operator : CG/JU
 Sample : SSTD1.612
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6012

Quant Time: Mar 28 17:47:09 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM032822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 17:15:47 2022
 Response via : Initial Calibration

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

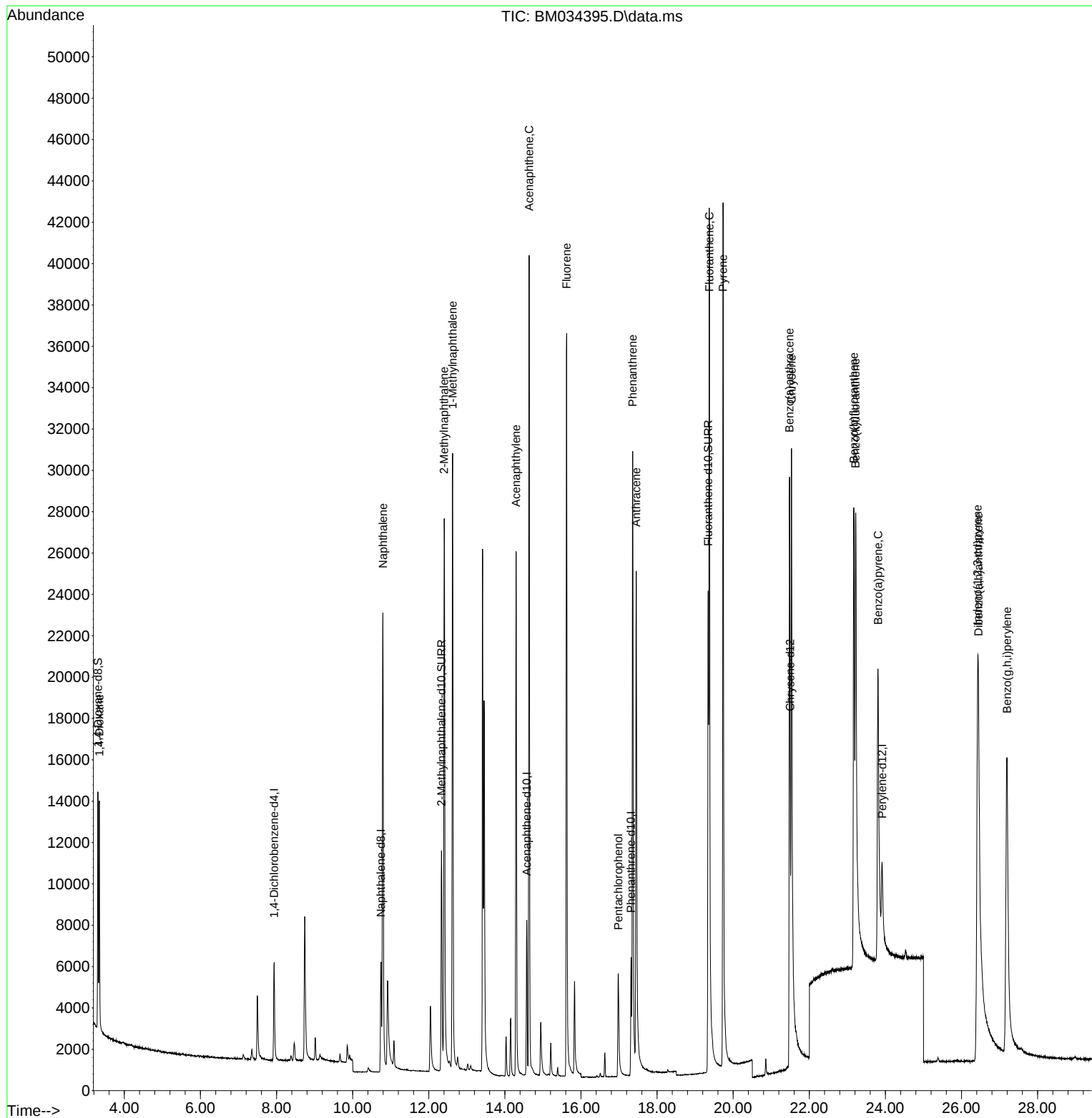
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	2935	0.400	ng/ul	0.00
4) Naphthalene-d8	10.746	136	8250	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.574	164	4317	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	7911	0.400	ng/ul	0.00
17) Chrysene-d12	21.498	240	6553	0.400	ng/ul #	0.00
23) Perylene-d12	23.915	264	6977	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	6251	1.831	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	16652	1.311	ng/ul	0.00
18) Fluoranthene-d10	19.343	212	30641	1.551	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	7009	2.116	ng/ul#	85
5) Naphthalene	10.796	128	34468	1.519	ng/ul#	87
7) 2-Methylnaphthalene	12.407	142	22321	1.394	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	22070	1.386	ng/ul	100
10) Acenaphthylene	14.296	152	31171	1.712	ng/ul#	89
11) Acenaphthene	14.638	153	23621	1.605	ng/ul	94
12) Fluorene	15.624	166	25612	1.437	ng/ul#	95
14) Pentachlorophenol	16.983	266	4777	1.883	ng/ul	97
15) Phenanthrene	17.358	178	37134	1.555	ng/ul	94
16) Anthracene	17.451	178	34049	1.571	ng/ul#	91
19) Fluoranthene	19.371	202	42874	1.596	ng/ul	99
20) Pyrene	19.733	202	45668	1.696	ng/ul	96
21) Benzo(a)anthracene	21.480	228	30990	1.358	ng/ul	98
22) Chrysene	21.533	228	35108	1.448	ng/ul	97
24) Benzo(b)fluoranthene	23.170	252	36287	1.277	ng/ul	92
25) Benzo(k)fluoranthene	23.219	252	37744	1.306	ng/ul#	91
26) Benzo(a)pyrene	23.807	252	36279	1.513	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.425	276	47714	1.424	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.445	278	35403	1.294	ng/ul	91
29) Benzo(g,h,i)perylene	27.196	276	45145	1.535	ng/ul	96

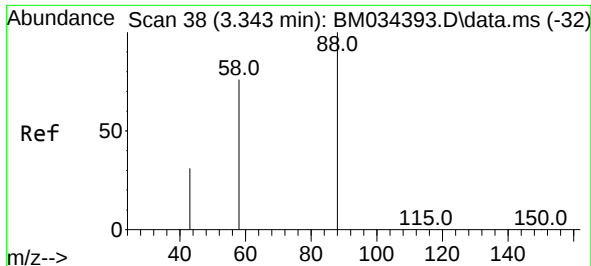
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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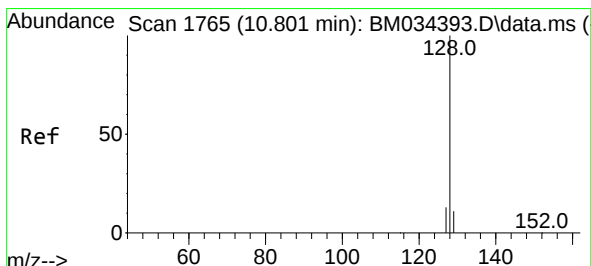
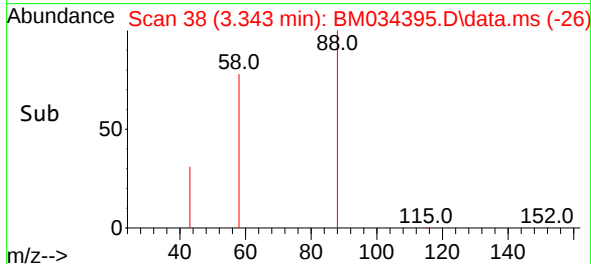
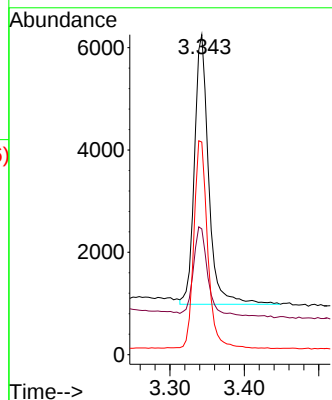
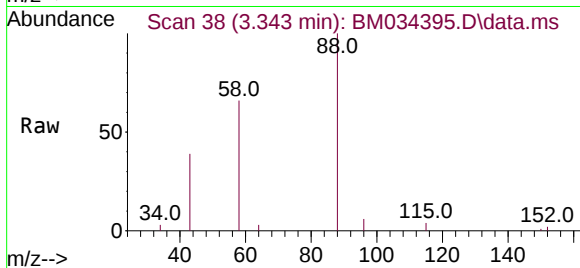




#2
1,4-Dioxane
Concen: 2.116 ng/ul
RT: 3.343 min Scan# 38
Delta R.T. 0.000 min
Lab File: BM034395.D
Acq: 28 Mar 2022 17:13

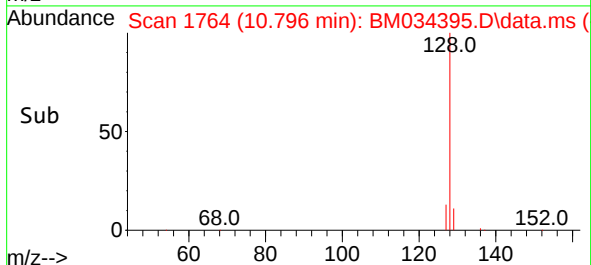
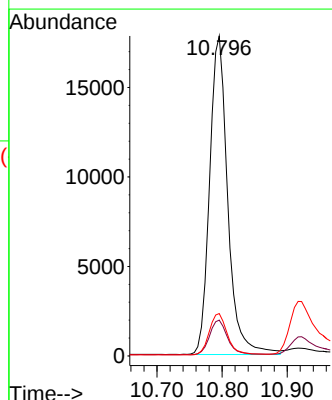
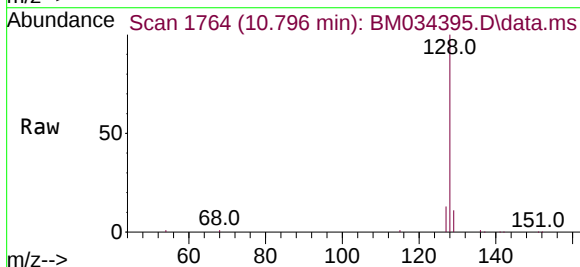
Instrument :
BNA_M
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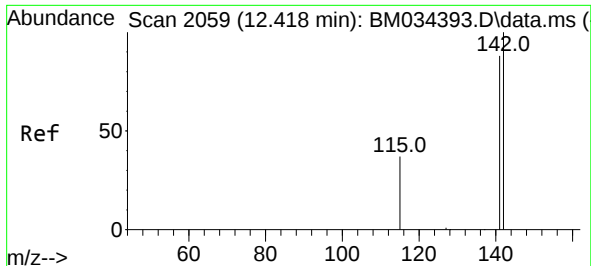
Tgt Ion: 88 Resp: 7009
Ion Ratio Lower Upper
88 100
43 39.3 49.7 74.5#
58 66.4 52.5 78.7



#5
Naphthalene
Concen: 1.519 ng/ul
RT: 10.796 min Scan# 1764
Delta R.T. -0.005 min
Lab File: BM034395.D
Acq: 28 Mar 2022 17:13

Tgt Ion: 128 Resp: 34468
Ion Ratio Lower Upper
128 100
129 11.2 13.4 20.2#
127 13.3 15.2 22.8#

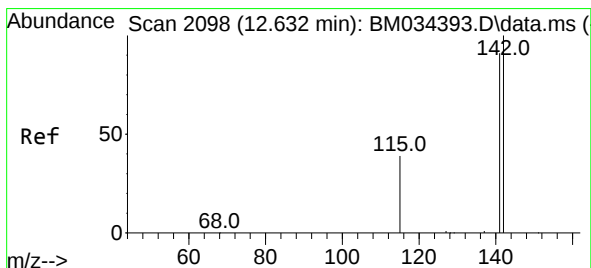
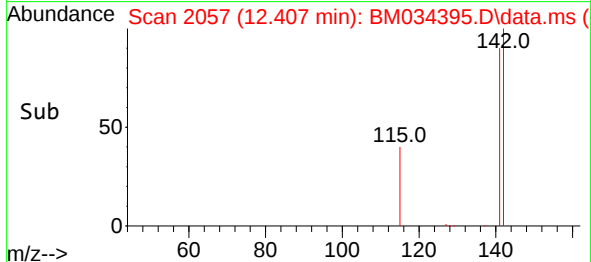
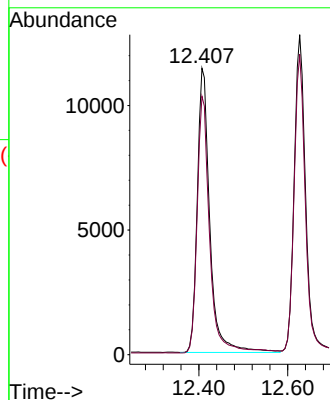
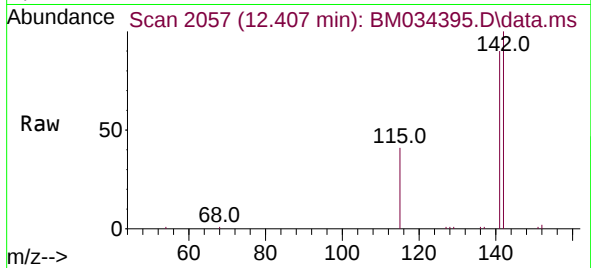




#7
2-Methylnaphthalene
Concen: 1.394 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.011 min
Lab File: BM034395.D
Acq: 28 Mar 2022 17:13

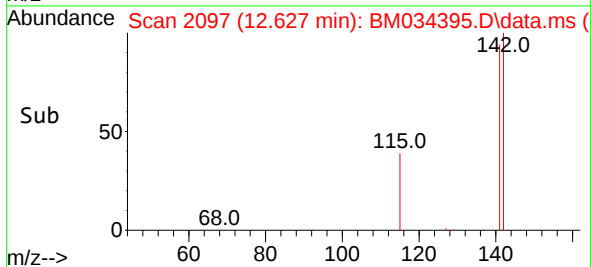
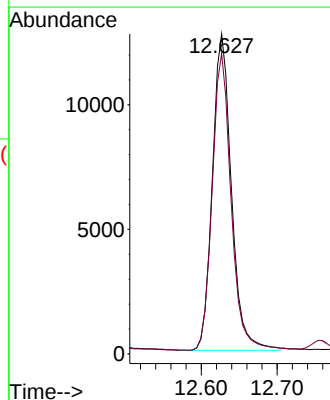
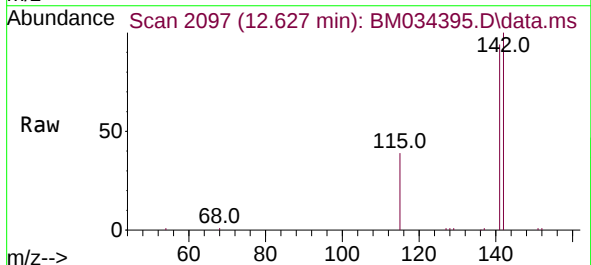
Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

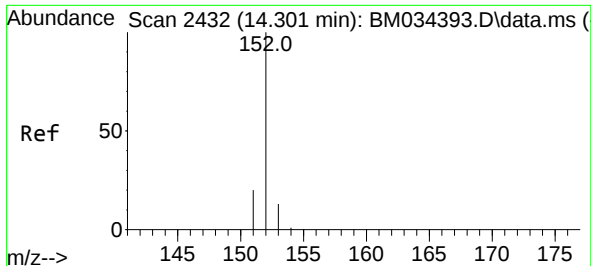
Tgt Ion:142 Resp: 22321
Ion Ratio Lower Upper
142 100
141 90.6 71.8 107.6



#8
1-Methylnaphthalene
Concen: 1.386 ng/ul
RT: 12.627 min Scan# 2097
Delta R.T. -0.005 min
Lab File: BM034395.D
Acq: 28 Mar 2022 17:13

Tgt Ion:142 Resp: 22070
Ion Ratio Lower Upper
142 100
141 93.2 75.0 112.4

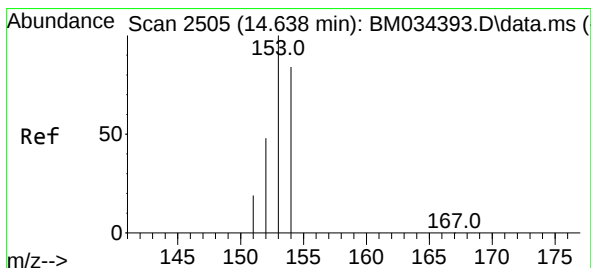
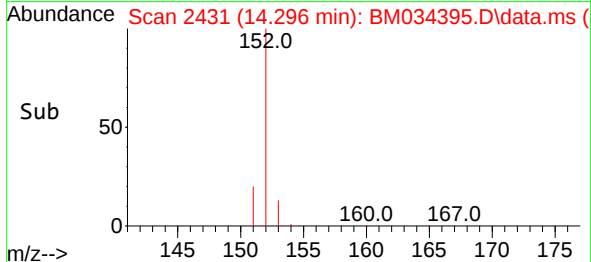
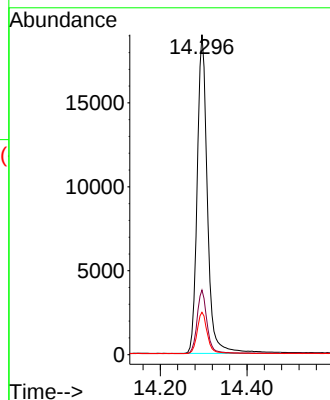
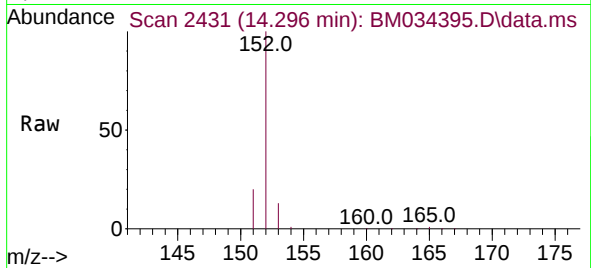




#10
Acenaphthylene
Concen: 1.712 ng/ul
RT: 14.296 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BM034395.D
Acq: 28 Mar 2022 17:13

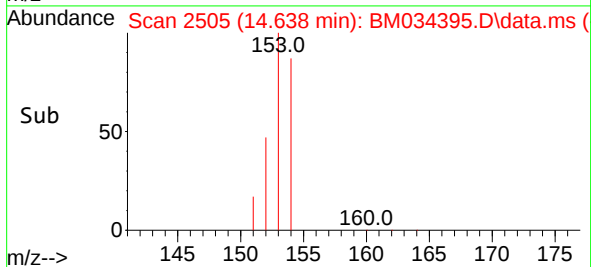
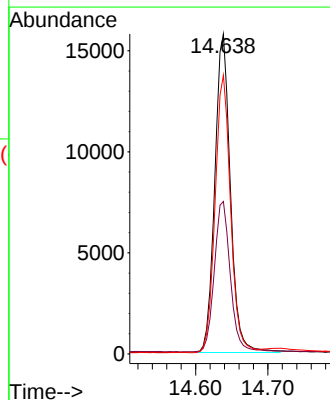
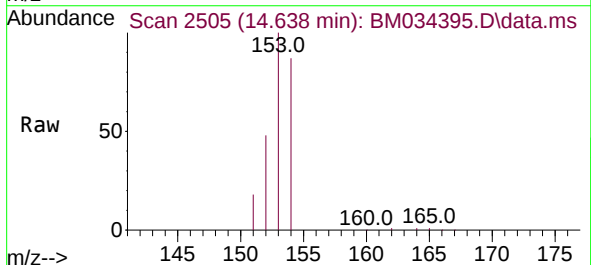
Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

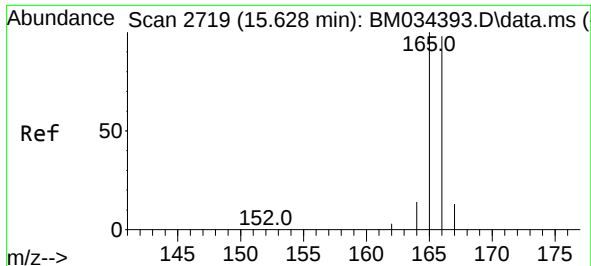
Tgt Ion:152 Resp: 31171
Ion Ratio Lower Upper
152 100
151 20.2 19.9 29.9
153 13.3 15.0 22.4#



#11
Acenaphthene
Concen: 1.605 ng/ul
RT: 14.638 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BM034395.D
Acq: 28 Mar 2022 17:13

Tgt Ion:153 Resp: 23621
Ion Ratio Lower Upper
153 100
152 47.6 42.4 63.6
154 87.1 66.2 99.2

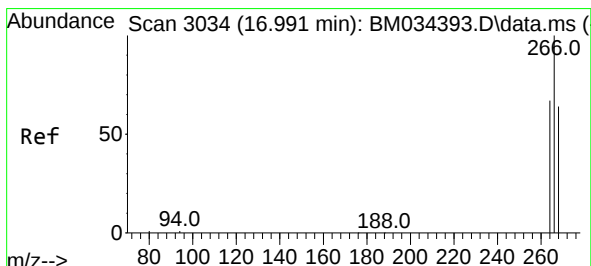
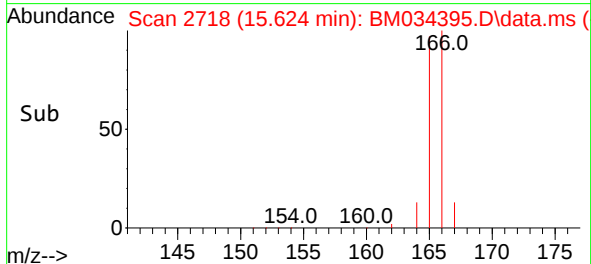
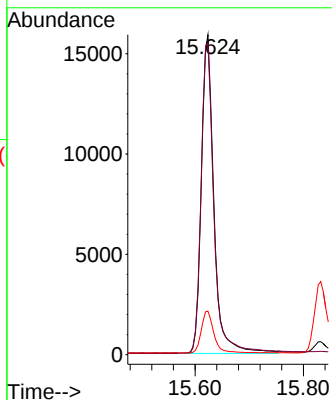
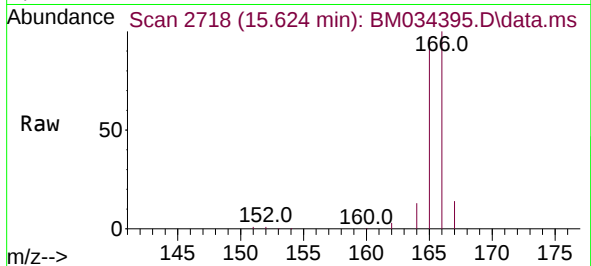




#12
 Fluorene
 Concen: 1.437 ng/ul
 RT: 15.624 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM034395.D
 Acq: 28 Mar 2022 17:13

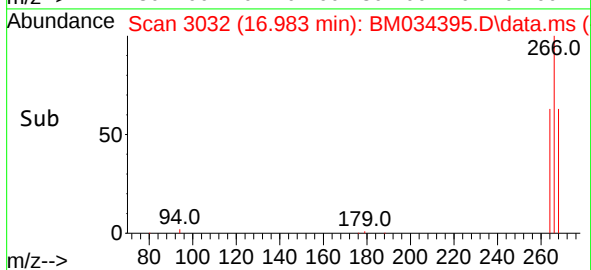
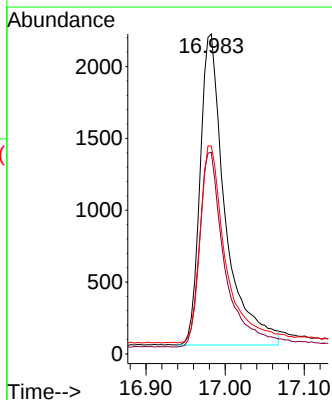
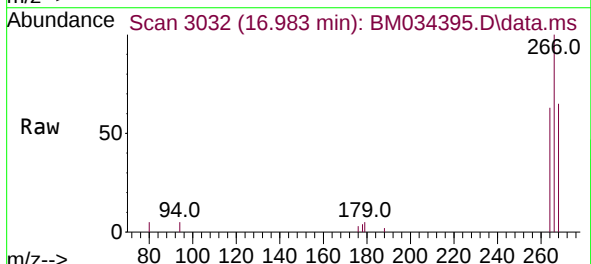
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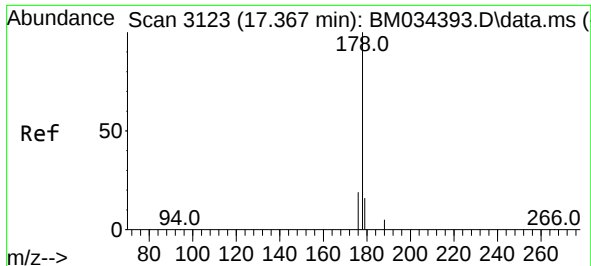
Tgt Ion:166 Resp: 25612
 Ion Ratio Lower Upper
 166 100
 165 97.4 81.1 121.7
 167 13.6 14.9 22.3#



#14
 Pentachlorophenol
 Concen: 1.883 ng/ul
 RT: 16.983 min Scan# 3032
 Delta R.T. -0.008 min
 Lab File: BM034395.D
 Acq: 28 Mar 2022 17:13

Tgt Ion:266 Resp: 4777
 Ion Ratio Lower Upper
 266 100
 264 62.9 51.4 77.0
 268 63.7 53.1 79.7

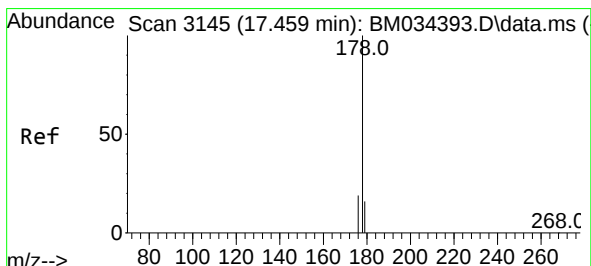
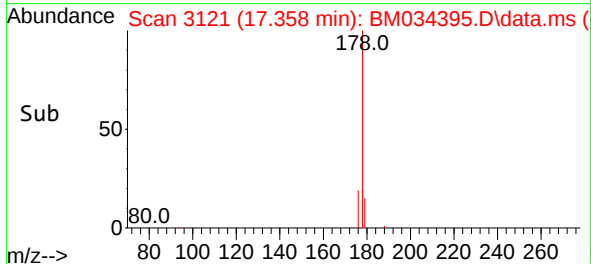
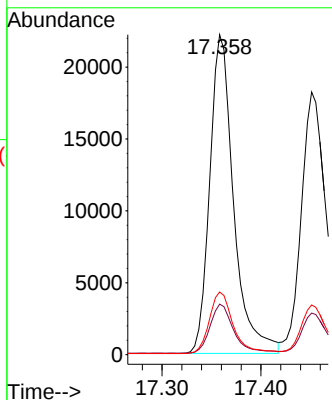
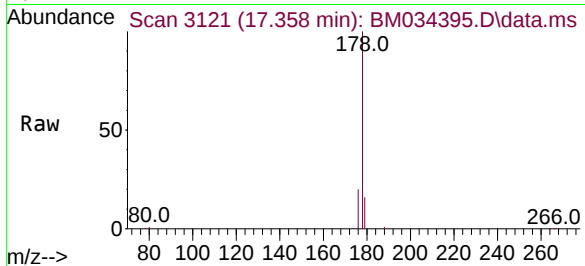




#15
Phenanthrene
Concen: 1.555 ng/ul
RT: 17.358 min Scan# 3121
Delta R.T. -0.008 min
Lab File: BM034395.D
Acq: 28 Mar 2022 17:13

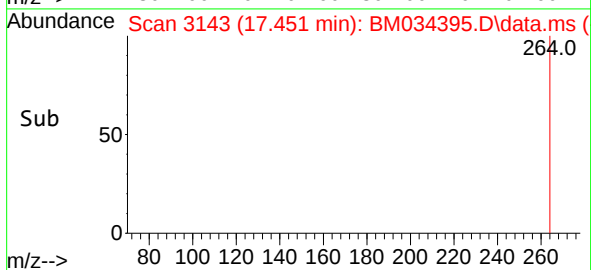
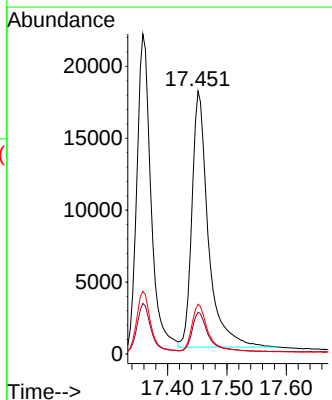
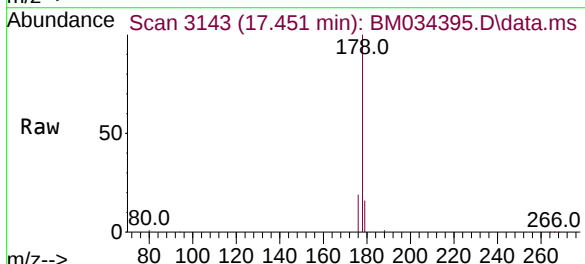
Instrument :
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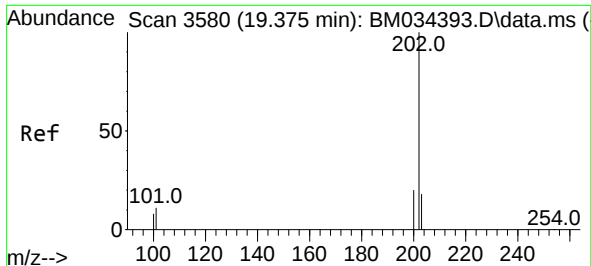
Tgt Ion:178 Resp: 37134
Ion Ratio Lower Upper
178 100
179 15.8 15.0 22.6
176 19.6 17.9 26.9



#16
Anthracene
Concen: 1.571 ng/ul
RT: 17.451 min Scan# 3143
Delta R.T. -0.008 min
Lab File: BM034395.D
Acq: 28 Mar 2022 17:13

Tgt Ion:178 Resp: 34049
Ion Ratio Lower Upper
178 100
179 15.8 16.5 24.7#
176 18.9 18.3 27.5

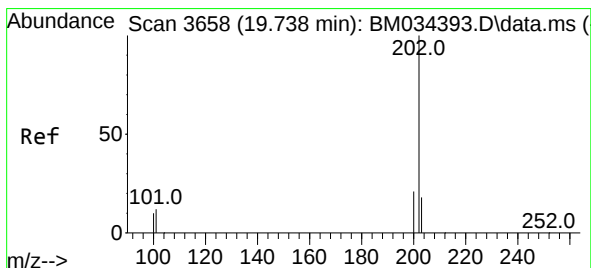
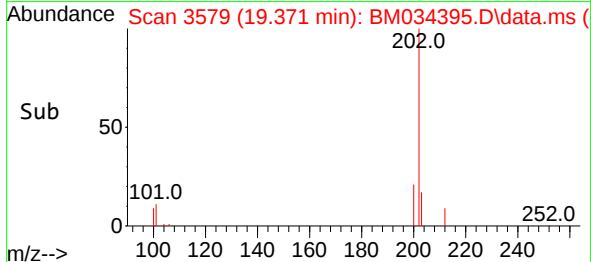
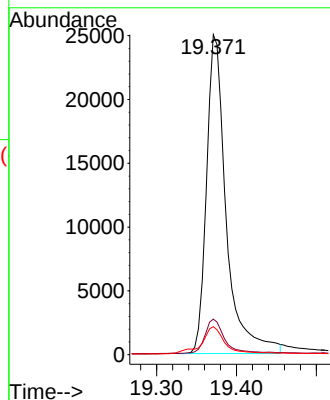
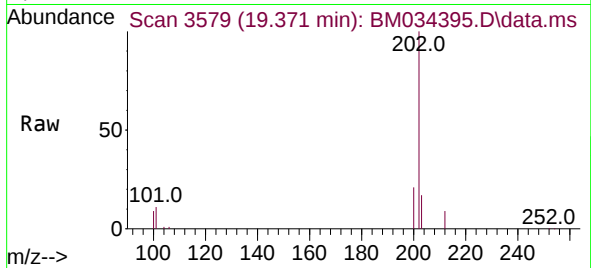




#19
Fluoranthene
Concen: 1.596 ng/ul
RT: 19.371 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM034395.D
Acq: 28 Mar 2022 17:13

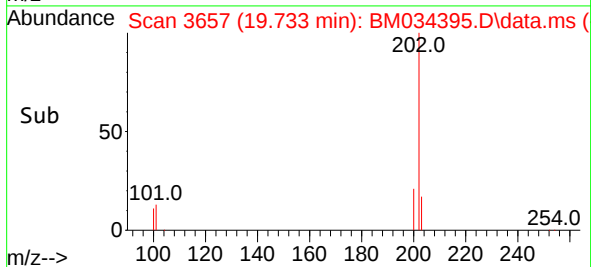
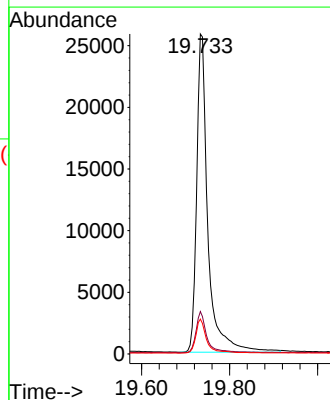
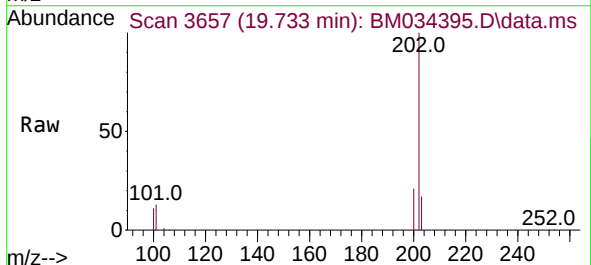
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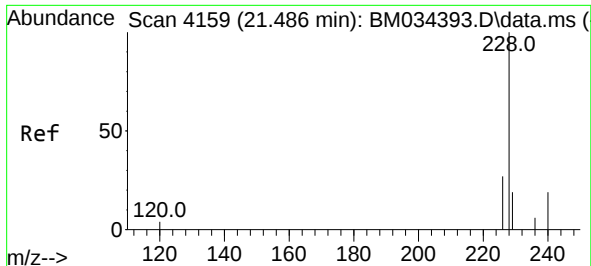
Tgt Ion:202 Resp: 42874
Ion Ratio Lower Upper
202 100
101 11.1 9.2 13.8
100 8.8 7.2 10.8



#20
Pyrene
Concen: 1.696 ng/ul
RT: 19.733 min Scan# 3657
Delta R.T. -0.005 min
Lab File: BM034395.D
Acq: 28 Mar 2022 17:13

Tgt Ion:202 Resp: 45668
Ion Ratio Lower Upper
202 100
101 13.2 9.3 13.9
100 10.9 7.8 11.6

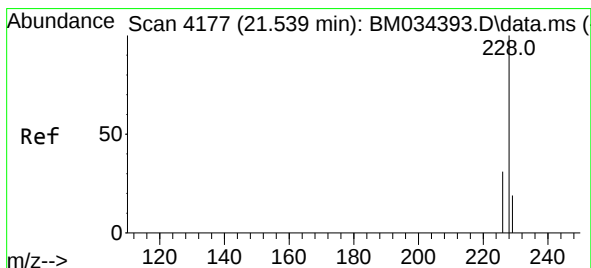
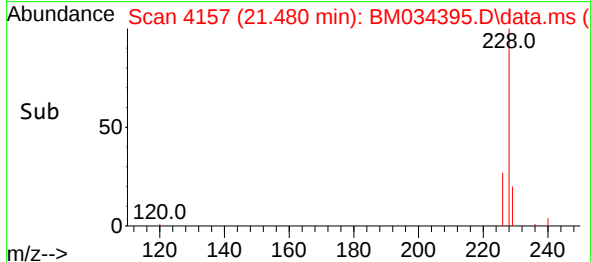
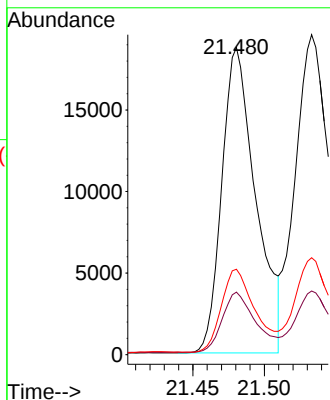
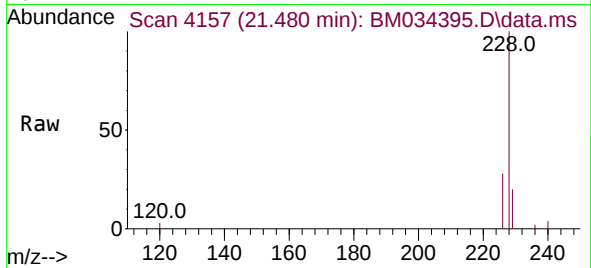




#21
Benzo(a)anthracene
Concen: 1.358 ng/ul
RT: 21.480 min Scan# 4159
Delta R.T. -0.006 min
Lab File: BM034395.D
Acq: 28 Mar 2022 17:13

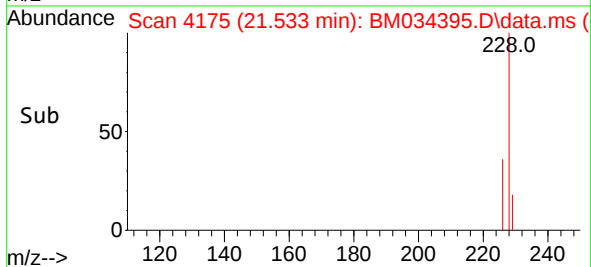
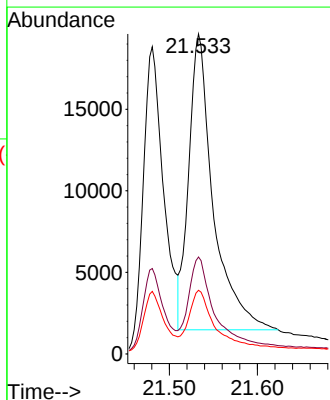
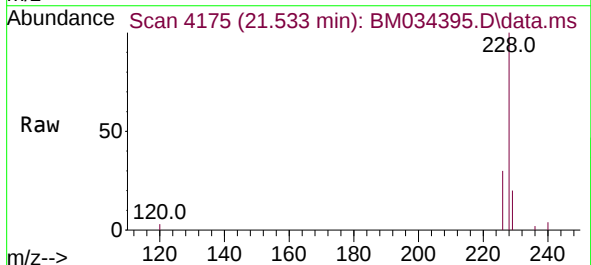
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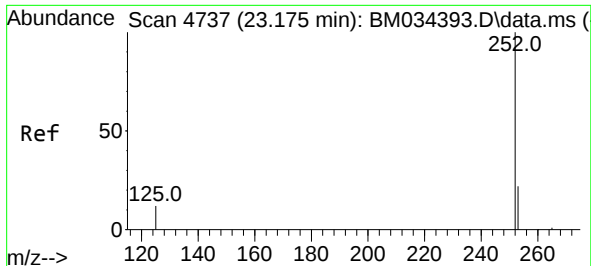
Tgt Ion:228 Resp: 30990
Ion Ratio Lower Upper
228 100
229 20.3 17.3 25.9
226 27.8 23.2 34.8



#22
Chrysene
Concen: 1.448 ng/ul
RT: 21.533 min Scan# 4175
Delta R.T. -0.006 min
Lab File: BM034395.D
Acq: 28 Mar 2022 17:13

Tgt Ion:228 Resp: 35108
Ion Ratio Lower Upper
228 100
226 30.3 25.8 38.8
229 19.9 16.7 25.1

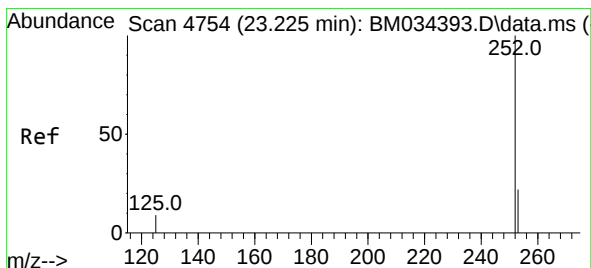
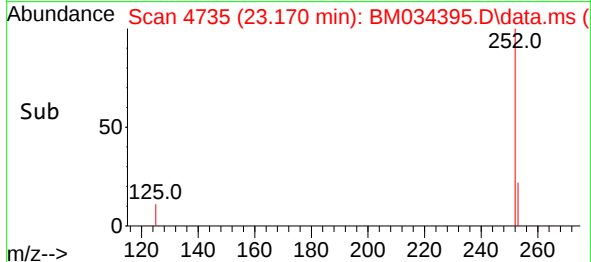
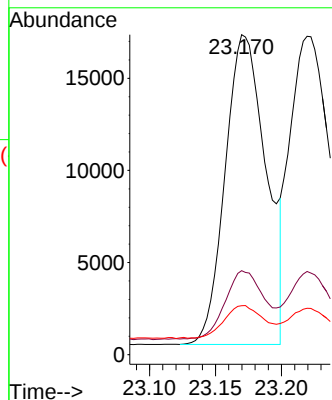
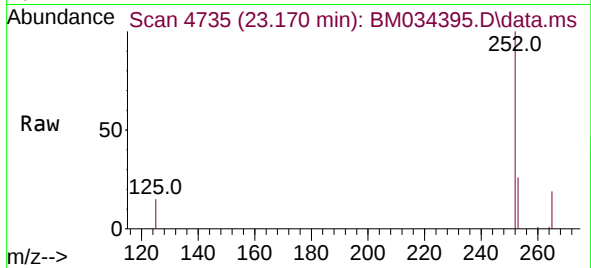




#24
Benzo(b)fluoranthene
Concen: 1.277 ng/ul
RT: 23.170 min Scan# 4737
Delta R.T. -0.006 min
Lab File: BM034395.D
Acq: 28 Mar 2022 17:13

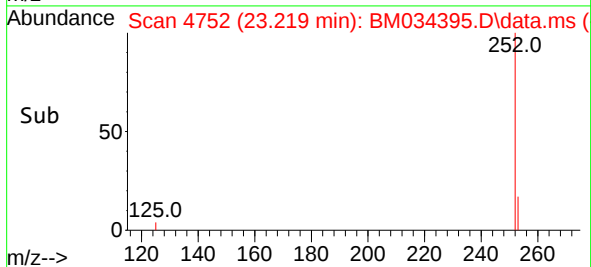
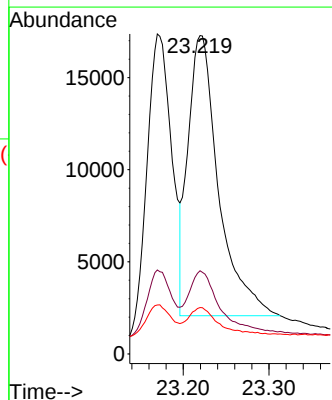
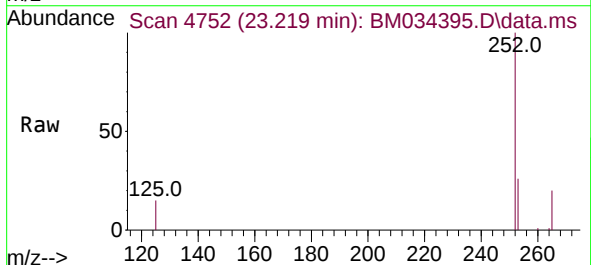
Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

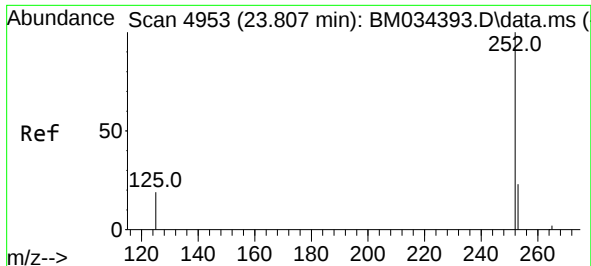
Tgt Ion:252 Resp: 36287
Ion Ratio Lower Upper
252 100
253 26.2 0.0 64.2
125 15.3 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 1.306 ng/ul
RT: 23.219 min Scan# 4752
Delta R.T. -0.006 min
Lab File: BM034395.D
Acq: 28 Mar 2022 17:13

Tgt Ion:252 Resp: 37744
Ion Ratio Lower Upper
252 100
253 26.1 26.8 40.2#
125 14.6 12.0 18.0

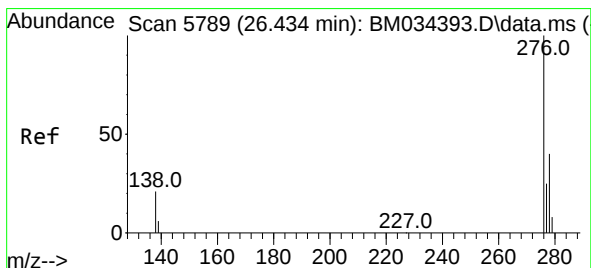
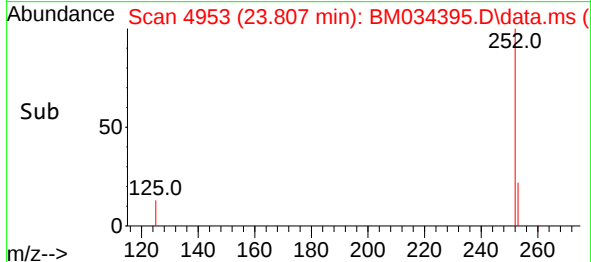
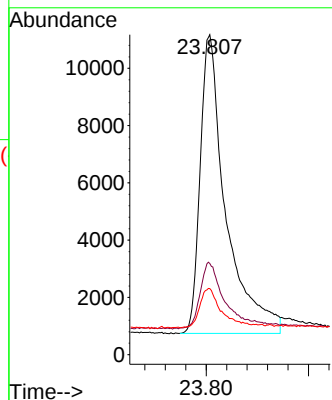
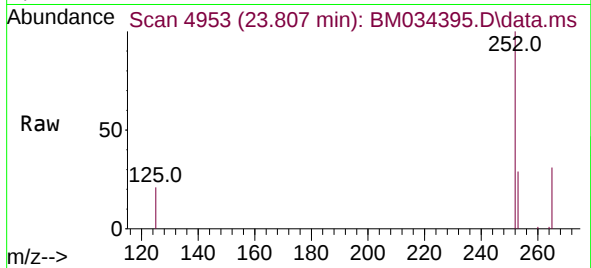




#26
Benzo(a)pyrene
Concen: 1.513 ng/ul
RT: 23.807 min Scan# 4953
Delta R.T. 0.000 min
Lab File: BM034395.D
Acq: 28 Mar 2022 17:13

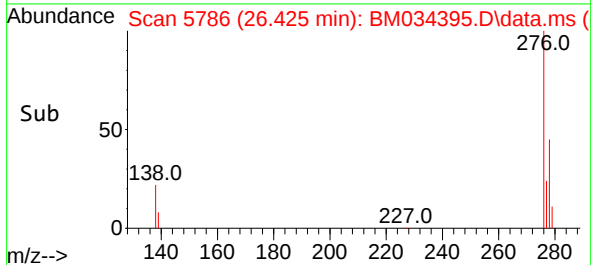
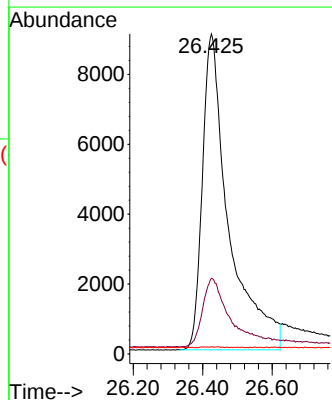
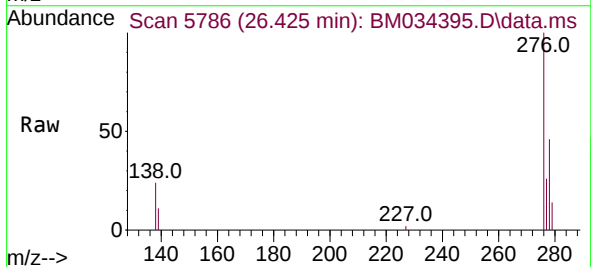
Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

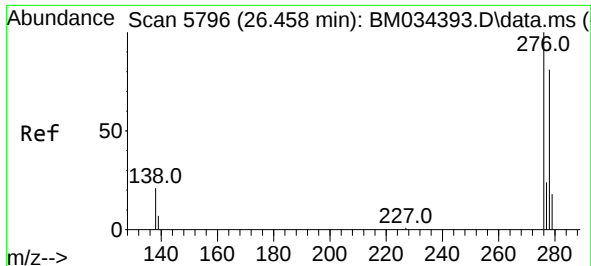
Tgt Ion:252 Resp: 36279
Ion Ratio Lower Upper
252 100
253 28.5 32.0 48.0#
125 20.7 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.424 ng/ul
RT: 26.425 min Scan# 5786
Delta R.T. -0.010 min
Lab File: BM034395.D
Acq: 28 Mar 2022 17:13

Tgt Ion:276 Resp: 47714
Ion Ratio Lower Upper
276 100
138 23.5 15.8 23.6
227 0.0 0.0 0.0#

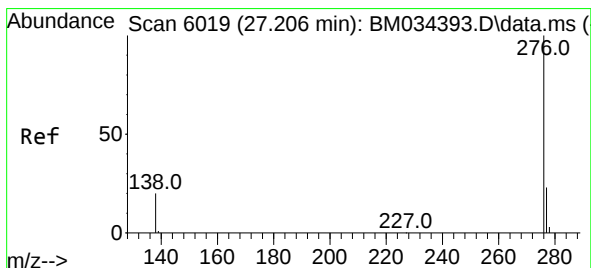
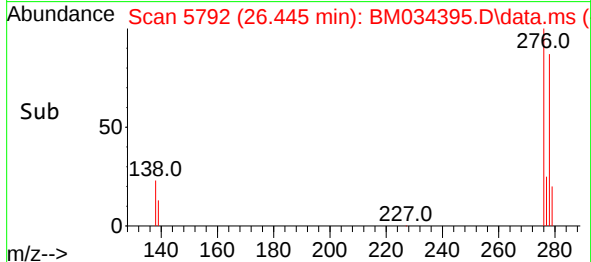
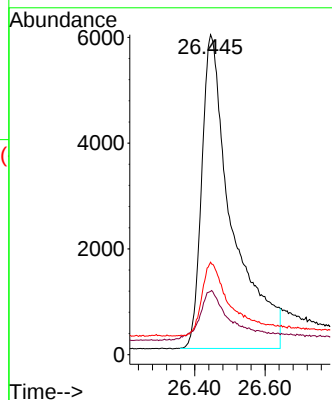
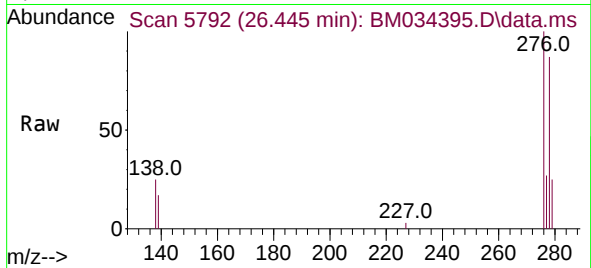




#28
Dibenzo(a,h)anthracene
Concen: 1.294 ng/ul
RT: 26.445 min Scan# 5796
Delta R.T. -0.013 min
Lab File: BM034395.D
Acq: 28 Mar 2022 17:13

Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

Tgt Ion:278 Resp: 35403
Ion Ratio Lower Upper
278 100
139 19.8 18.0 27.0
279 28.9 28.6 42.8



#29
Benzo(g,h,i)perylene
Concen: 1.535 ng/ul
RT: 27.196 min Scan# 6016
Delta R.T. -0.010 min
Lab File: BM034395.D
Acq: 28 Mar 2022 17:13

Tgt Ion:276 Resp: 45145
Ion Ratio Lower Upper
276 100
138 22.3 17.4 26.0
277 25.4 22.6 33.8

