

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040422\
 Data File : BM034490.D
 Acq On : 04 Apr 2022 16:57
 Operator : CG/JU
 Sample : SSTD0.417
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4017

Quant Time: Apr 05 11:27:24 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 11:24:23 2022
 Response via : Initial Calibration

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

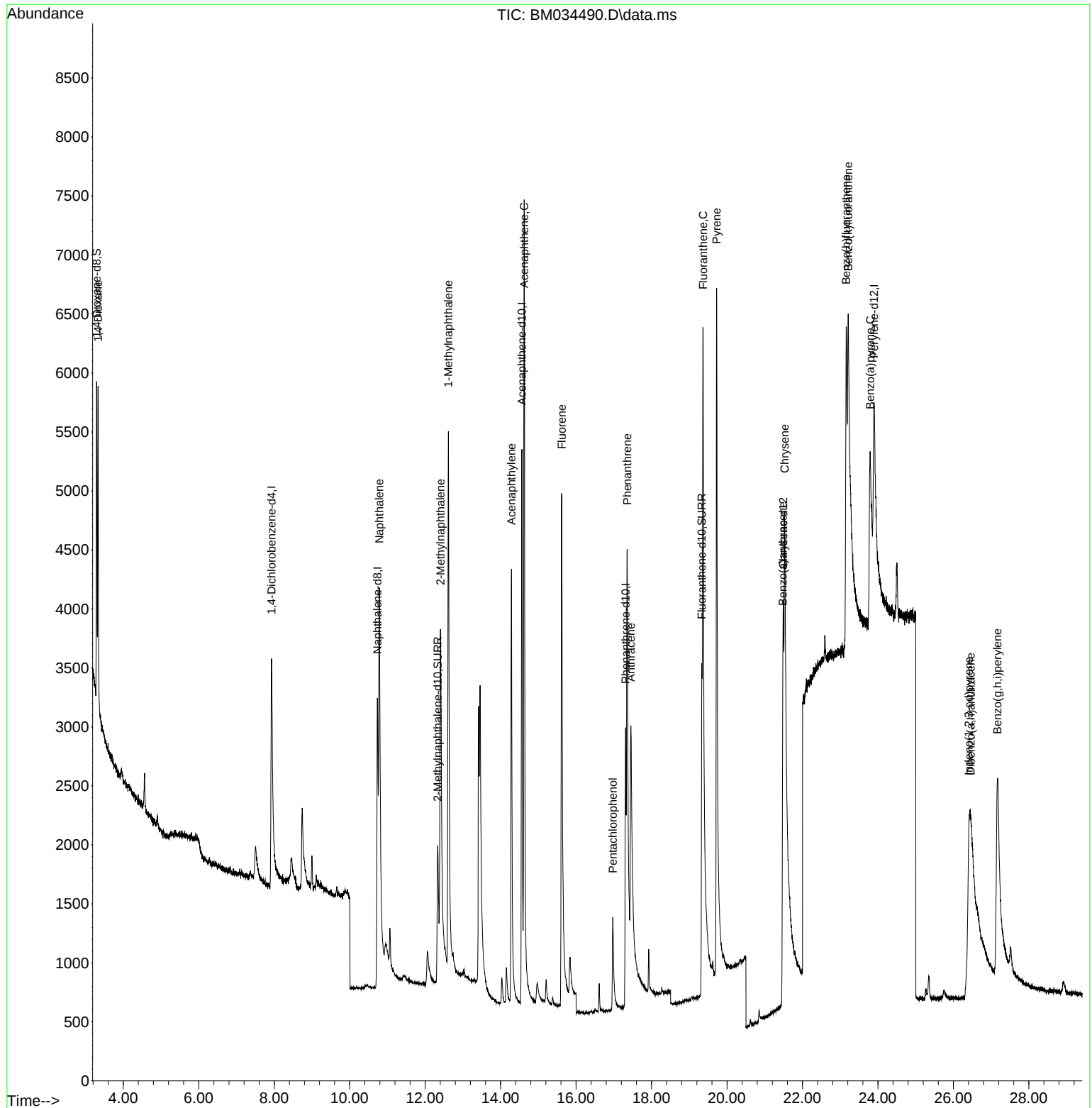
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	2079	0.400	ng/ul	0.00
4) Naphthalene-d8	10.735	136	6328	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.564	164	3238	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.312	188	4836	0.400	ng/ul	0.00
17) Chrysene-d12	21.495	240	4460	0.400	ng/ul #	0.00
23) Perylene-d12	23.898	264	3804	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.292	96	1560	0.448	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	3354	0.404	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	5411	0.361	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.330	88	1529	0.324	ng/ul#	84
5) Naphthalene	10.785	128	7897	0.400	ng/ul#	91
7) 2-Methylnaphthalene	12.407	142	4403	0.408	ng/ul	98
8) 1-Methylnaphthalene	12.616	142	4432	0.408	ng/ul	100
10) Acenaphthylene	14.287	152	6175	0.412	ng/ul#	91
11) Acenaphthene	14.624	153	4949	0.408	ng/ul	96
12) Fluorene	15.619	166	4989	0.399	ng/ul	97
14) Pentachlorophenol	16.974	266	900	0.439	ng/ul	98
15) Phenanthrene	17.354	178	6447	0.410	ng/ul	98
16) Anthracene	17.451	178	4799	0.399	ng/ul	99
19) Fluoranthene	19.366	202	7706	0.359	ng/ul	97
20) Pyrene	19.724	202	9016	0.359	ng/ul#	93
21) Benzo(a)anthracene	21.480	228	3935	0.347	ng/ul	98
22) Chrysene	21.527	228	4779	0.363	ng/ul	99
24) Benzo(b)fluoranthene	23.161	252	5588	0.448	ng/ul#	77
25) Benzo(k)fluoranthene	23.211	252	4330	0.389	ng/ul#	84
26) Benzo(a)pyrene	23.795	252	5762	0.397	ng/ul#	63
27) Indeno(1,2,3-cd)pyrene	26.411	276	7202	0.410	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.461	278	5243	0.411	ng/ul#	66
29) Benzo(g,h,i)perylene	27.169	276	7871	0.416	ng/ul#	93

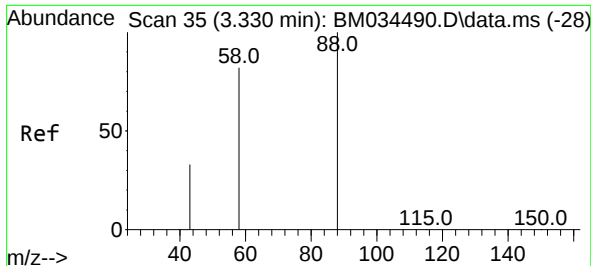
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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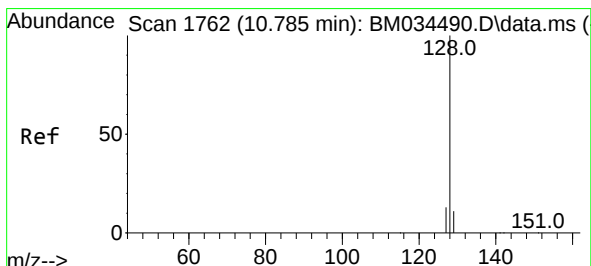
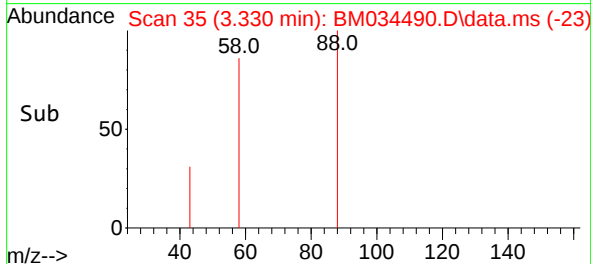
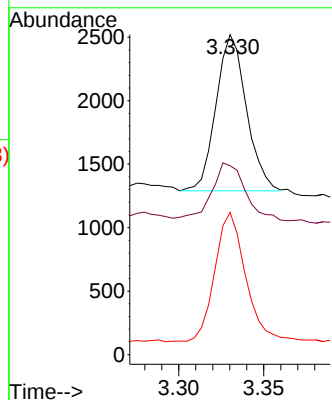
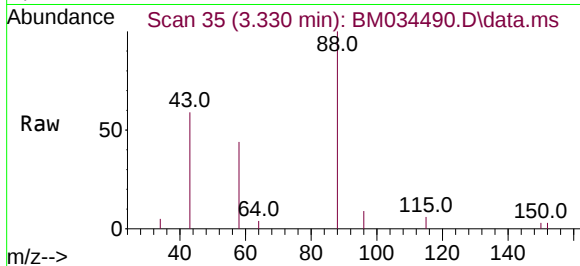




#2
1,4-Dioxane
Concen: 0.324 ng/ul
RT: 3.330 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM034490.D
Acq: 04 Apr 2022 16:57

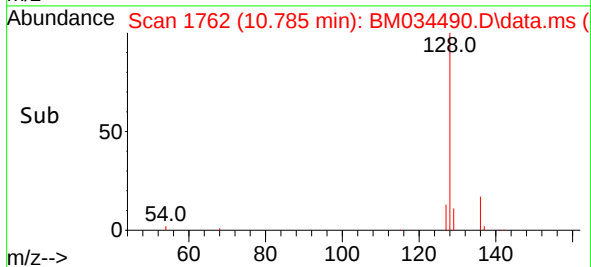
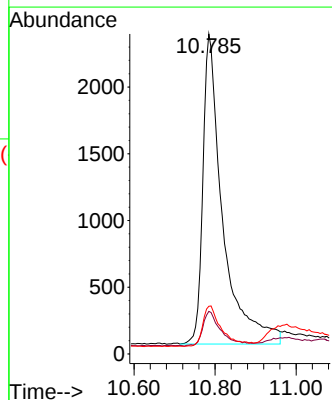
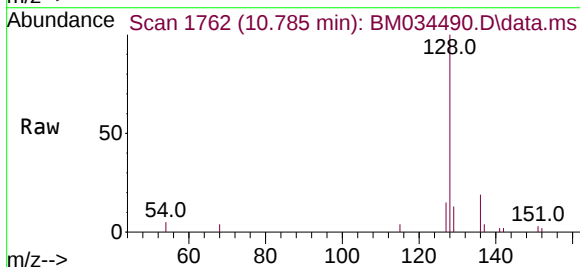
Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

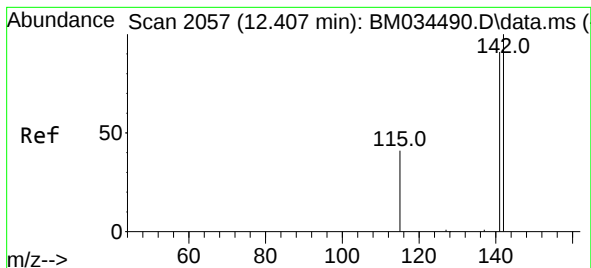
Tgt Ion: 88 Resp: 1529
Ion Ratio Lower Upper
88 100
43 59.0 49.7 74.5
58 44.4 52.5 78.7#



#5
Naphthalene
Concen: 0.400 ng/ul
RT: 10.785 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BM034490.D
Acq: 04 Apr 2022 16:57

Tgt Ion: 128 Resp: 7897
Ion Ratio Lower Upper
128 100
129 13.3 13.4 20.2#
127 14.9 15.2 22.8#

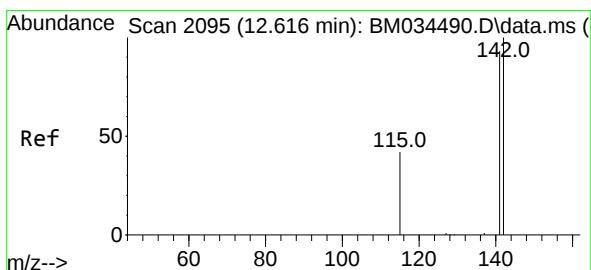
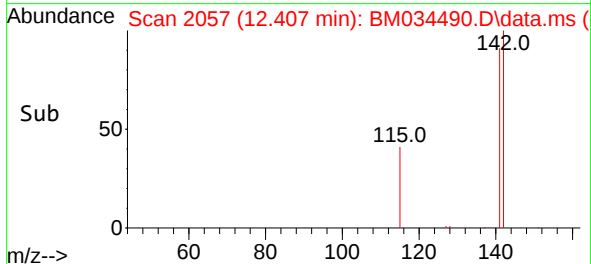
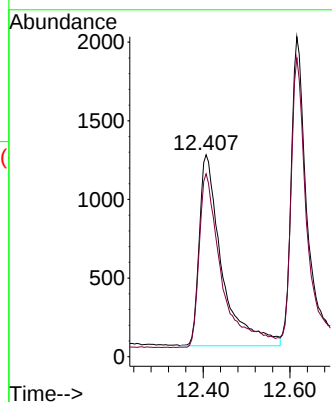
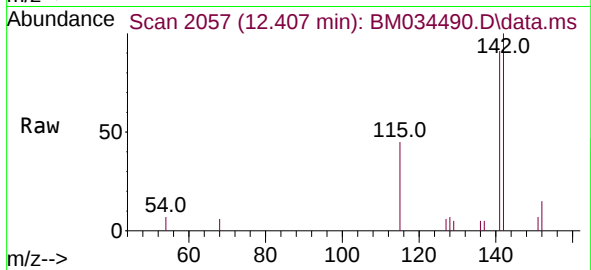




#7
2-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BM034490.D
Acq: 04 Apr 2022 16:57

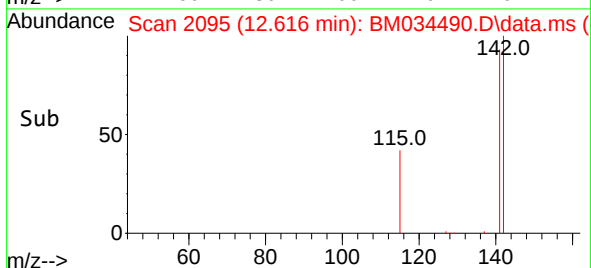
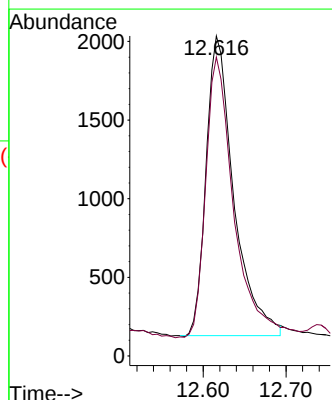
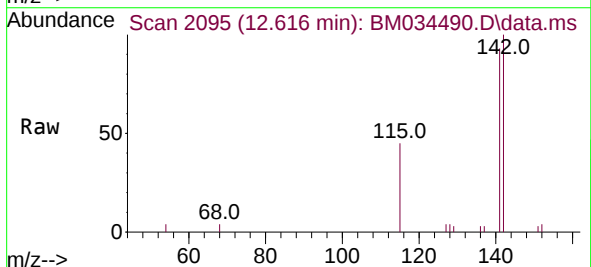
Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

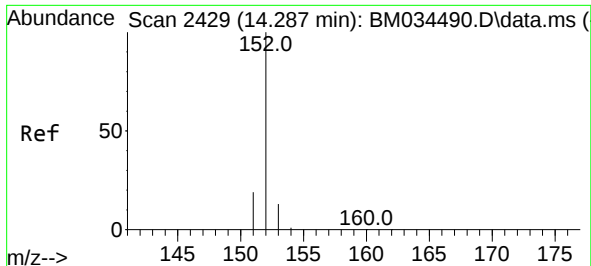
Tgt Ion:142 Resp: 4403
Ion Ratio Lower Upper
142 100
141 91.8 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.616 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BM034490.D
Acq: 04 Apr 2022 16:57

Tgt Ion:142 Resp: 4432
Ion Ratio Lower Upper
142 100
141 94.1 75.0 112.4

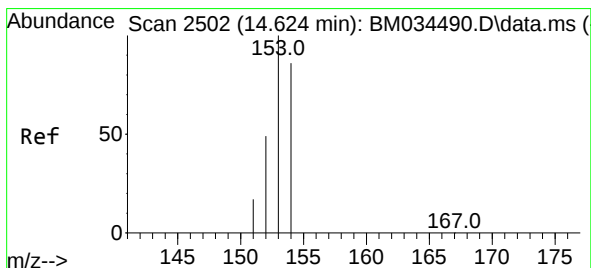
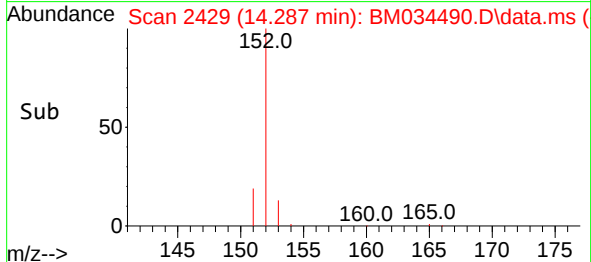
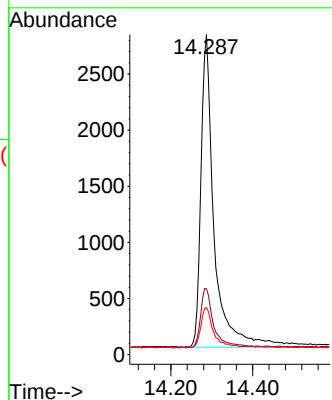
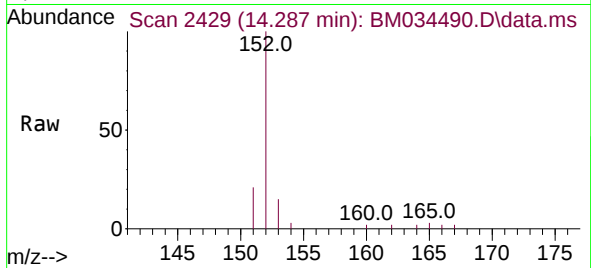




#10
Acenaphthylene
Concen: 0.412 ng/ul
RT: 14.287 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BM034490.D
Acq: 04 Apr 2022 16:57

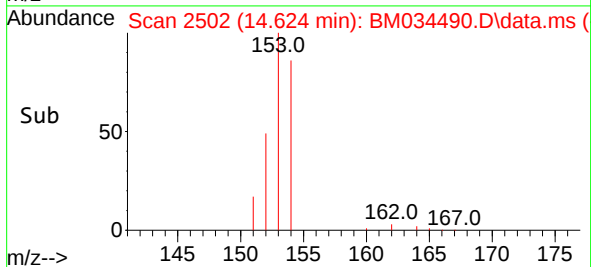
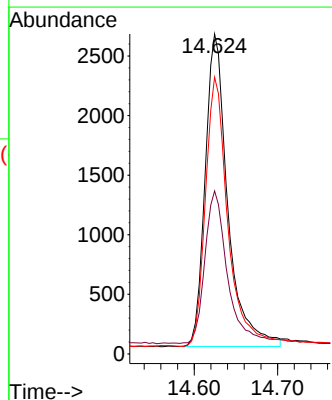
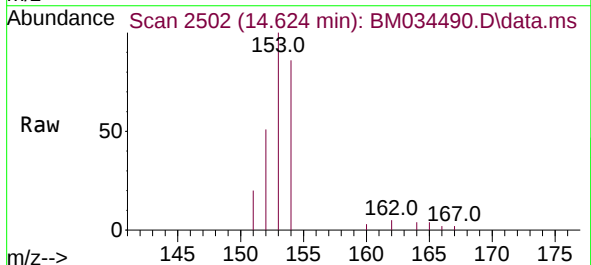
Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

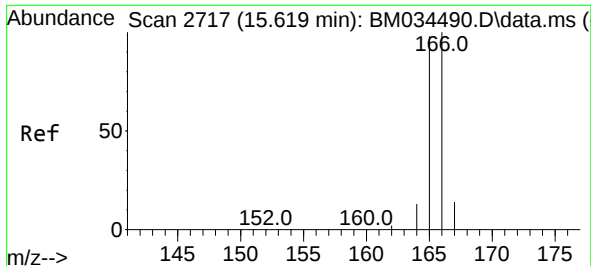
Tgt Ion:152 Resp: 6175
Ion Ratio Lower Upper
152 100
151 20.6 19.9 29.9
153 14.7 15.0 22.4#



#11
Acenaphthene
Concen: 0.408 ng/ul
RT: 14.624 min Scan# 2502
Delta R.T. 0.000 min
Lab File: BM034490.D
Acq: 04 Apr 2022 16:57

Tgt Ion:153 Resp: 4949
Ion Ratio Lower Upper
153 100
152 50.9 42.4 63.6
154 86.5 66.2 99.2

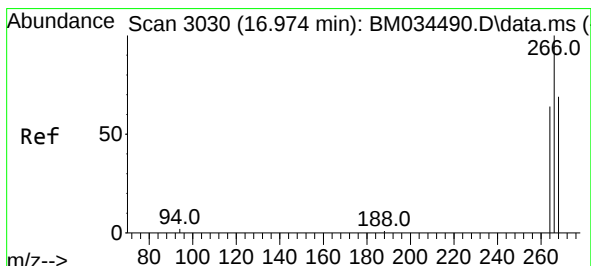
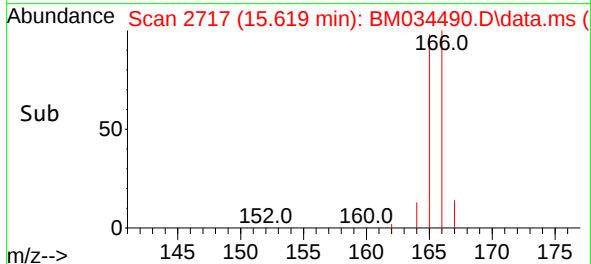
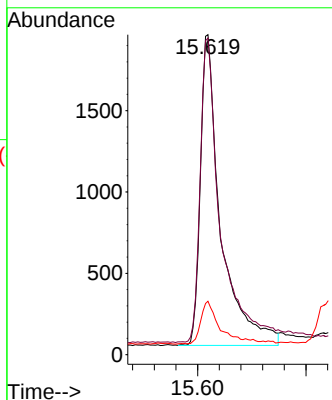
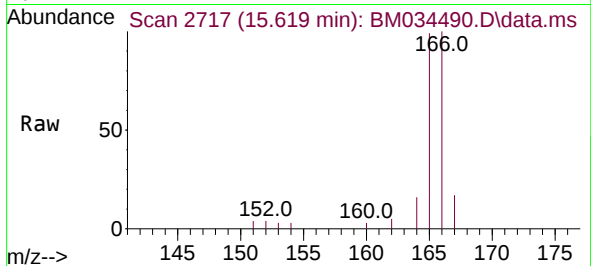




#12
Fluorene
Concen: 0.399 ng/ul
RT: 15.619 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034490.D
Acq: 04 Apr 2022 16:57

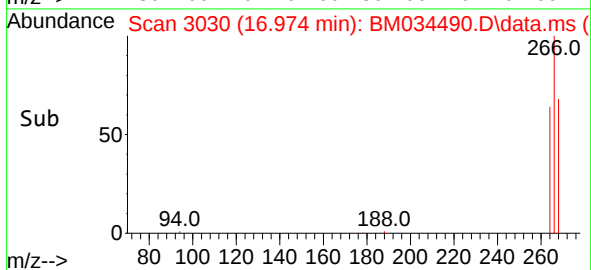
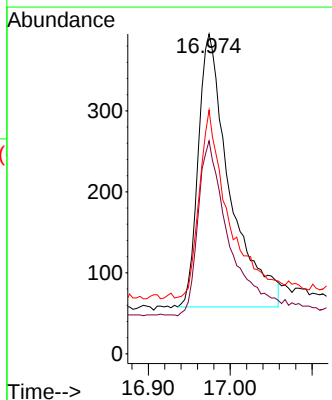
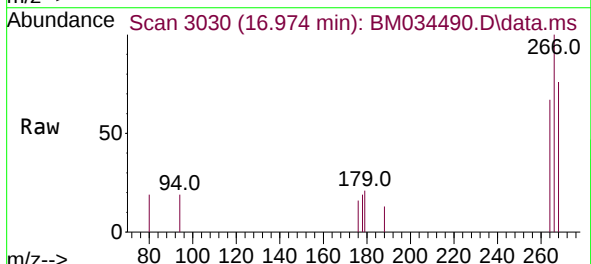
Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

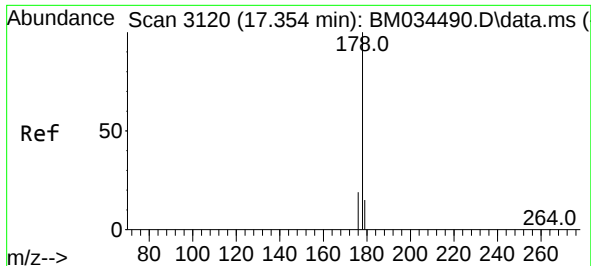
Tgt Ion:166	Resp:	4989
Ion Ratio	Lower	Upper
166	100	
165	98.9	81.1 121.7
167	16.7	14.9 22.3



#14
Pentachlorophenol
Concen: 0.439 ng/ul
RT: 16.974 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BM034490.D
Acq: 04 Apr 2022 16:57

Tgt Ion:266	Resp:	900
Ion Ratio	Lower	Upper
266	100	
264	63.9	51.4 77.0
268	63.9	53.1 79.7

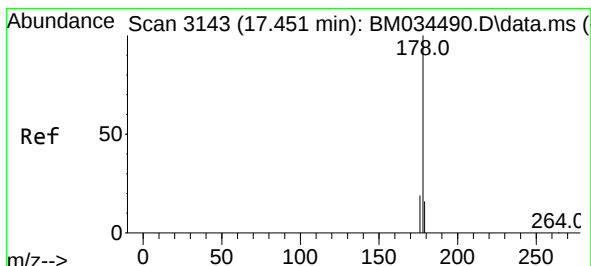
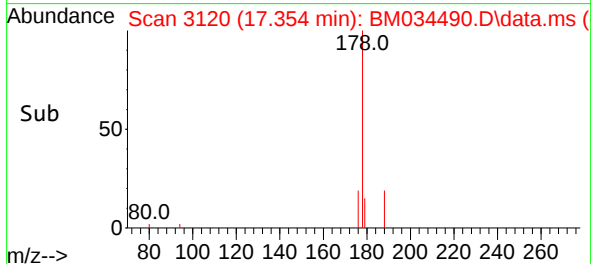
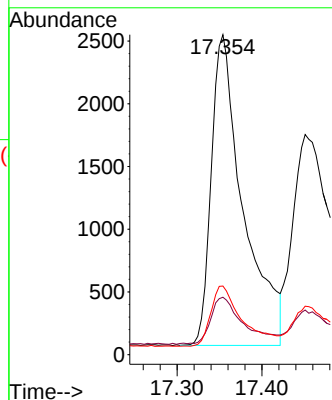
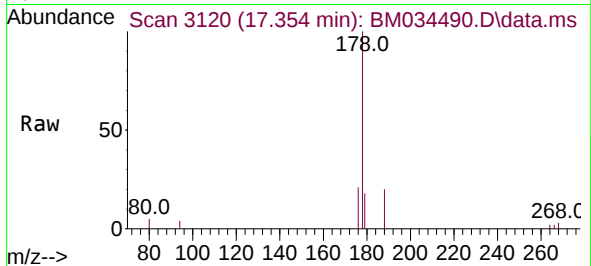




#15
Phenanthrene
Concen: 0.410 ng/ul
RT: 17.354 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BM034490.D
Acq: 04 Apr 2022 16:57

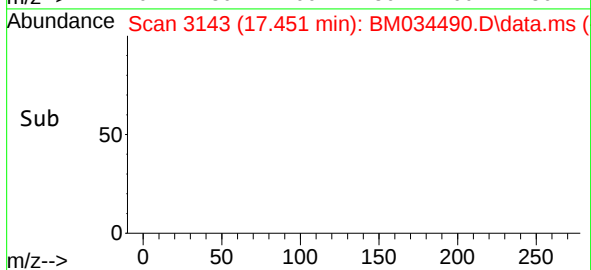
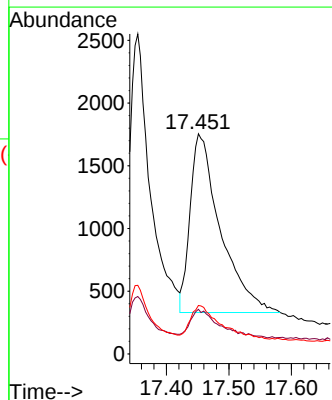
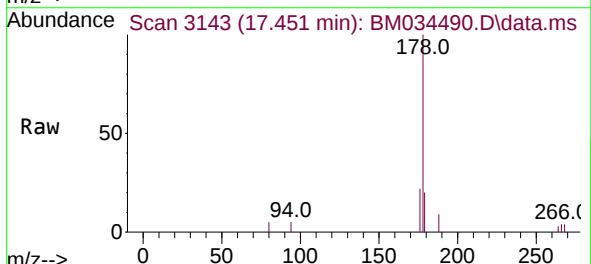
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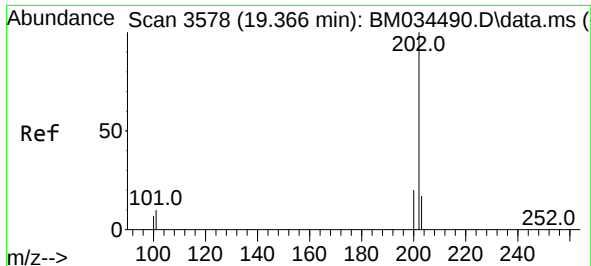
Tgt Ion:	178	Resp:	6447
Ion Ratio	Lower	Upper	
178	100		
179	17.9	15.0	22.6
176	21.4	17.9	26.9



#16
Anthracene
Concen: 0.399 ng/ul
RT: 17.451 min Scan# 3143
Delta R.T. 0.000 min
Lab File: BM034490.D
Acq: 04 Apr 2022 16:57

Tgt Ion:	178	Resp:	4799
Ion Ratio	Lower	Upper	
178	100		
179	20.2	16.5	24.7
176	22.0	18.3	27.5

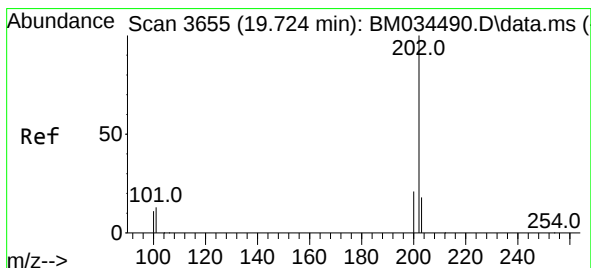
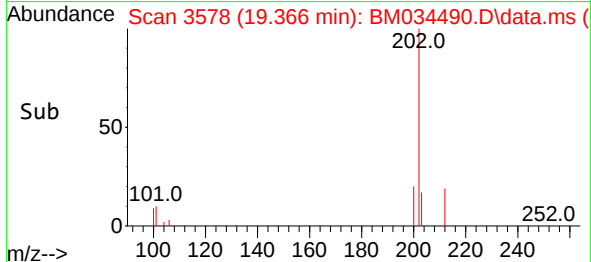
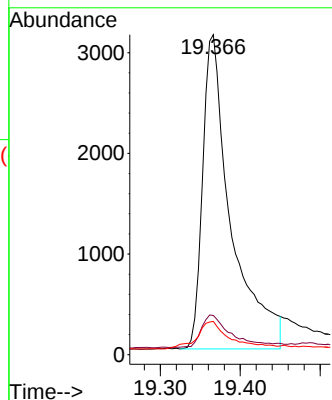
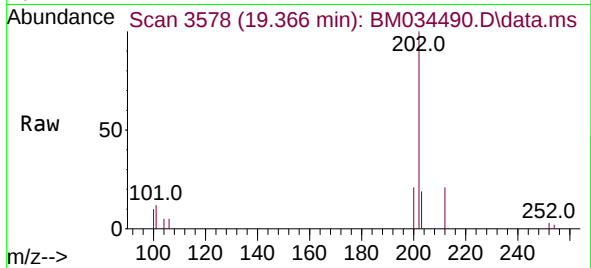




#19
Fluoranthene
Concen: 0.359 ng/u1
RT: 19.366 min Scan# 3578
Delta R.T. 0.000 min
Lab File: BM034490.D
Acq: 04 Apr 2022 16:57

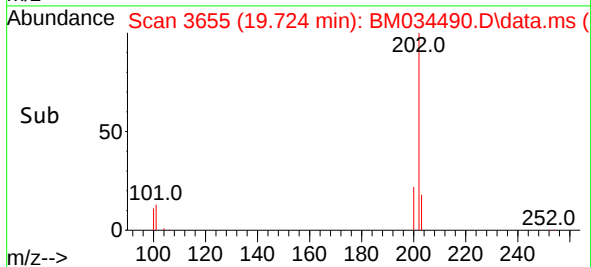
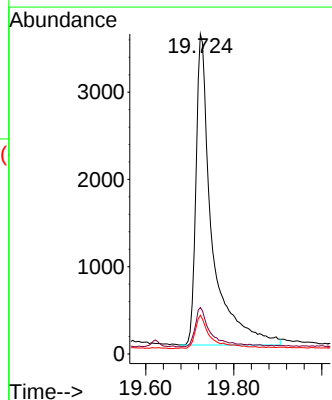
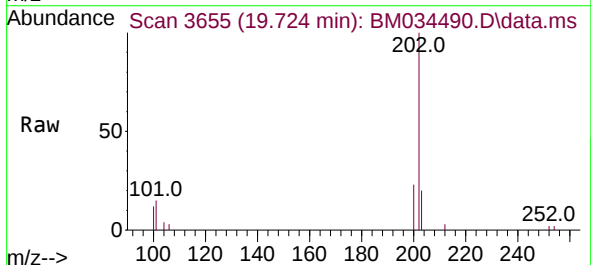
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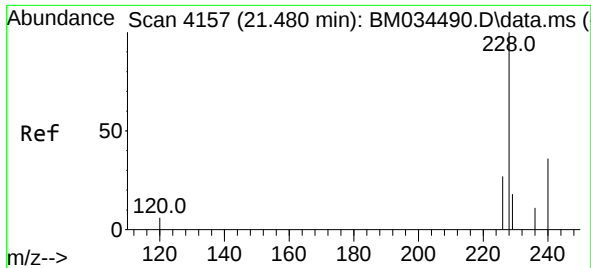
Tgt Ion:202 Resp: 7706
Ion Ratio Lower Upper
202 100
101 12.3 9.2 13.8
100 10.4 7.2 10.8



#20
Pyrene
Concen: 0.359 ng/u1
RT: 19.724 min Scan# 3655
Delta R.T. 0.000 min
Lab File: BM034490.D
Acq: 04 Apr 2022 16:57

Tgt Ion:202 Resp: 9016
Ion Ratio Lower Upper
202 100
101 14.5 9.3 13.9#
100 12.1 7.8 11.6#

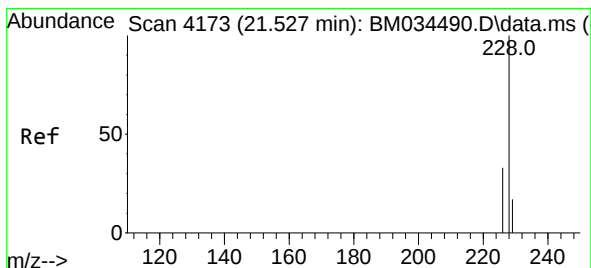
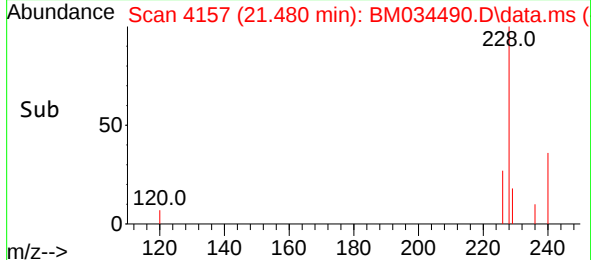
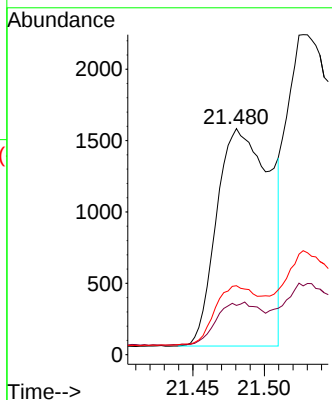
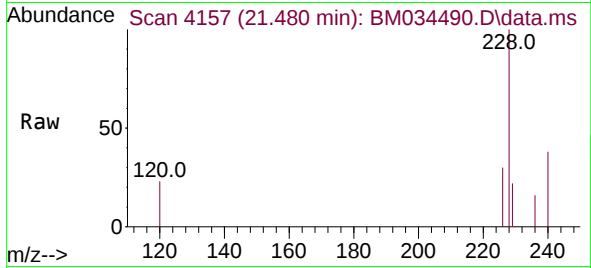




#21
Benzo(a)anthracene
Concen: 0.347 ng/ul
RT: 21.480 min Scan# 4157
Delta R.T. 0.000 min
Lab File: BM034490.D
Acq: 04 Apr 2022 16:57

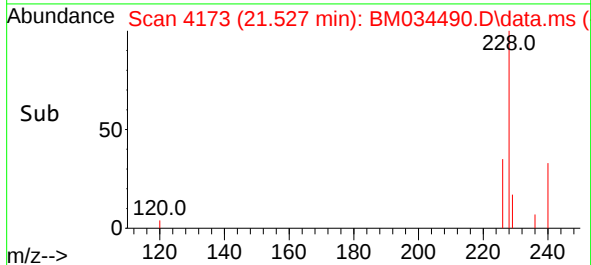
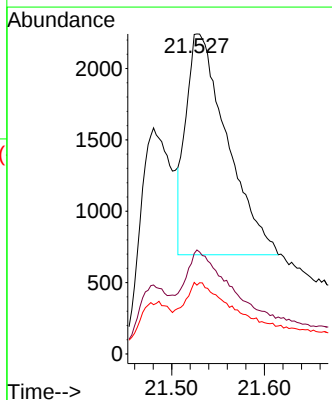
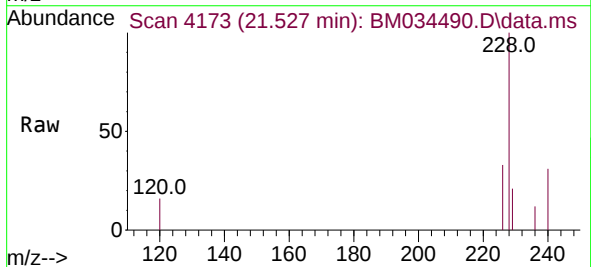
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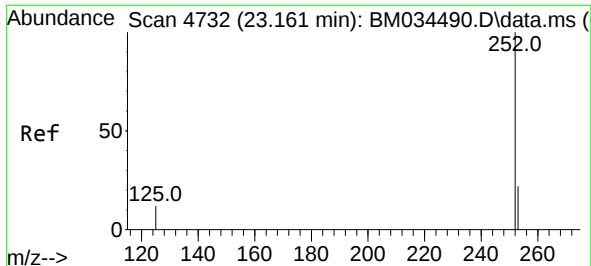
Tgt Ion:	228	Resp:	3935
Ion Ratio	Lower	Upper	
228	100		
229	21.8	17.3	25.9
226	30.5	23.2	34.8



#22
Chrysene
Concen: 0.363 ng/ul
RT: 21.527 min Scan# 4173
Delta R.T. 0.000 min
Lab File: BM034490.D
Acq: 04 Apr 2022 16:57

Tgt Ion:	228	Resp:	4779
Ion Ratio	Lower	Upper	
228	100		
226	32.5	25.8	38.8
229	21.5	16.7	25.1

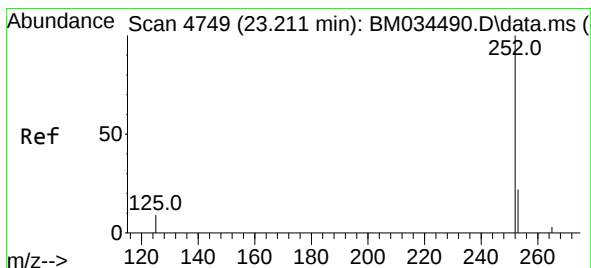
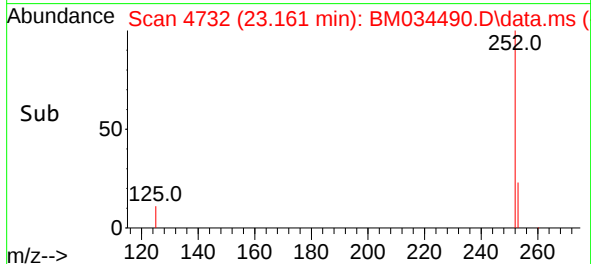
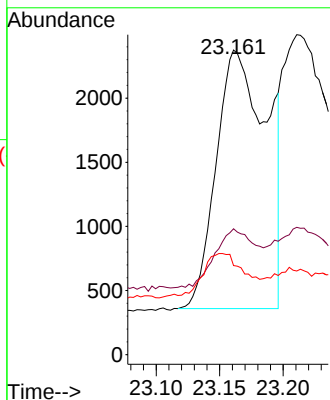
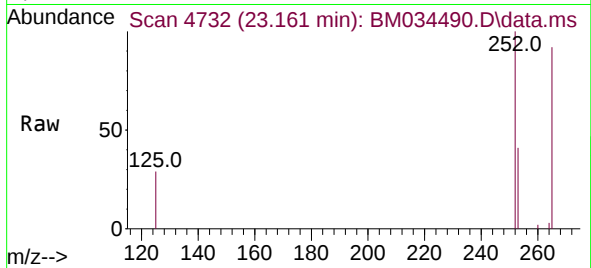




#24
Benzo(b)fluoranthene
Concen: 0.448 ng/ul
RT: 23.161 min Scan# 4732
Delta R.T. -0.000 min
Lab File: BM034490.D
Acq: 04 Apr 2022 16:57

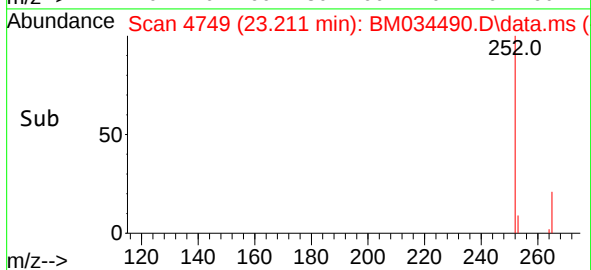
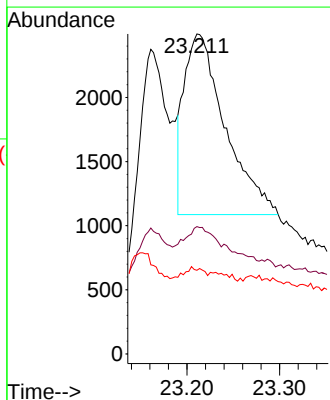
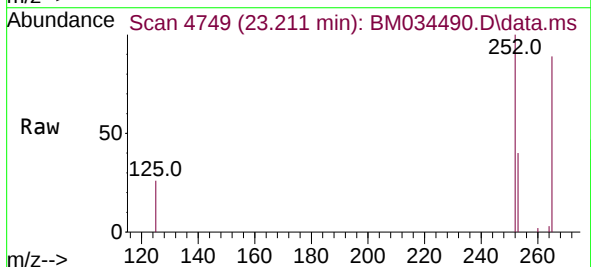
Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

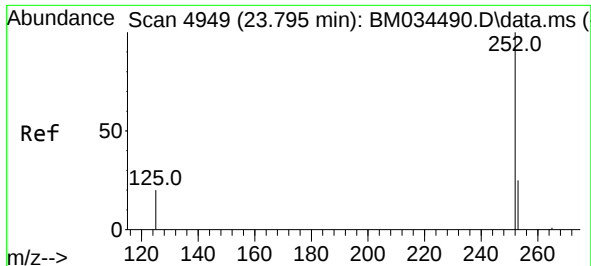
Tgt Ion:252 Resp: 5588
Ion Ratio Lower Upper
252 100
253 41.3 0.0 64.2
125 29.3 0.0 28.8#



#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 23.211 min Scan# 4749
Delta R.T. -0.000 min
Lab File: BM034490.D
Acq: 04 Apr 2022 16:57

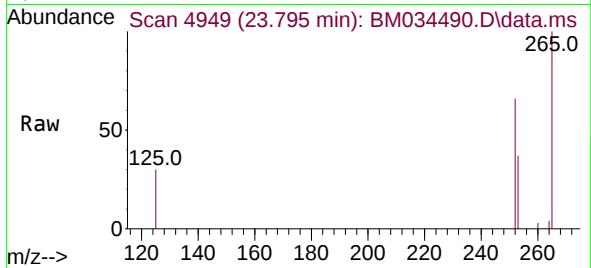
Tgt Ion:252 Resp: 4330
Ion Ratio Lower Upper
252 100
253 39.8 26.8 40.2
125 26.1 12.0 18.0#



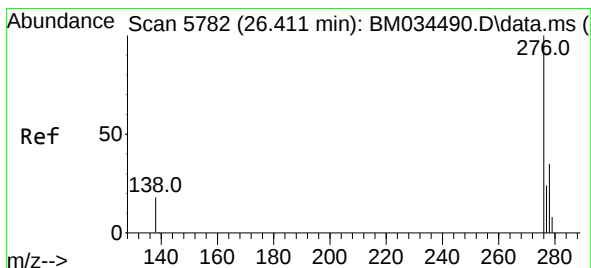
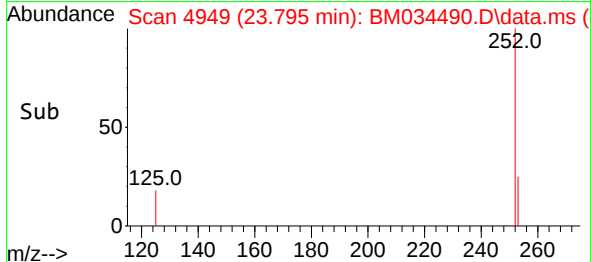
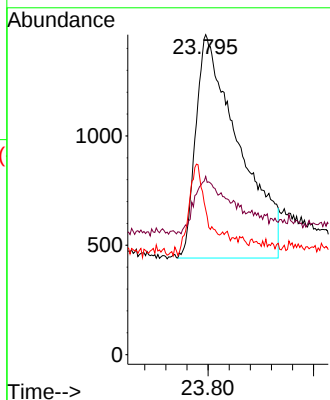


#26
Benzo(a)pyrene
Concen: 0.397 ng/ul
RT: 23.795 min Scan# 4949
Delta R.T. 0.000 min
Lab File: BM034490.D
Acq: 04 Apr 2022 16:57

Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

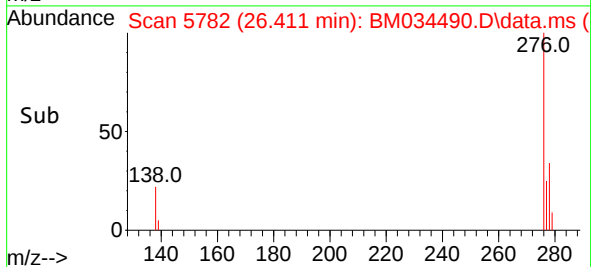
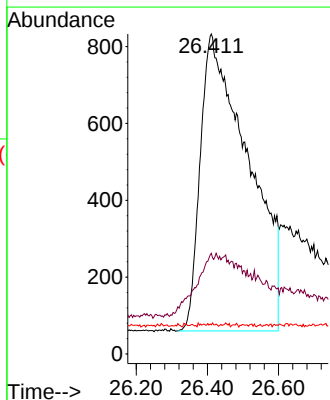
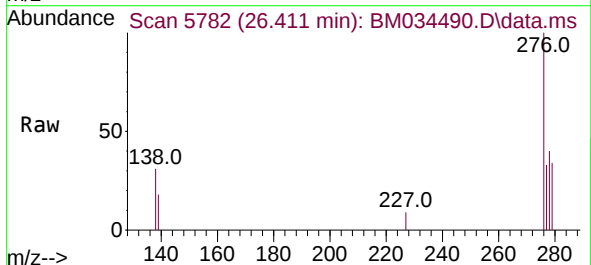


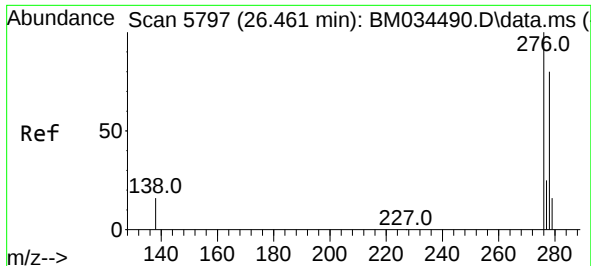
Tgt Ion:252 Resp: 5762
Ion Ratio Lower Upper
252 100
253 55.7 32.0 48.0#
125 45.3 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng/ul
RT: 26.411 min Scan# 5782
Delta R.T. 0.000 min
Lab File: BM034490.D
Acq: 04 Apr 2022 16:57

Tgt Ion:276 Resp: 7202
Ion Ratio Lower Upper
276 100
138 24.8 15.8 23.6#
227 0.1 0.0 0.0#

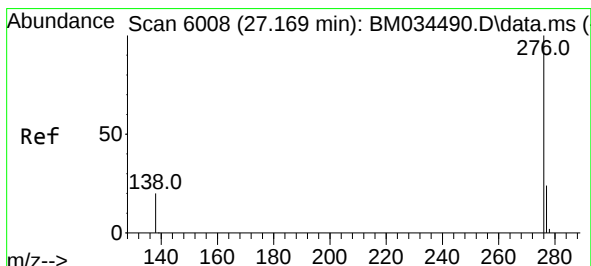
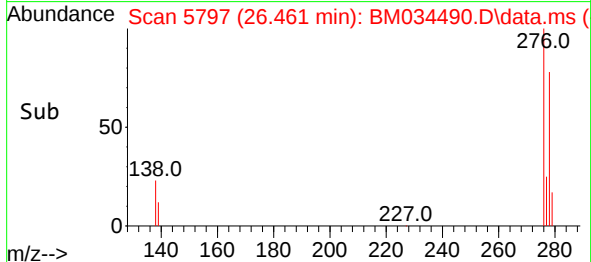
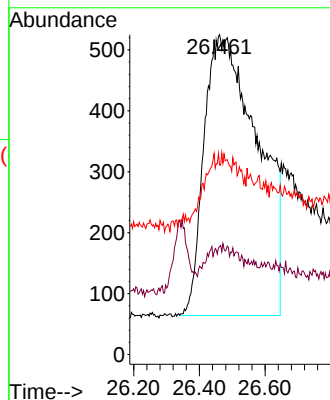
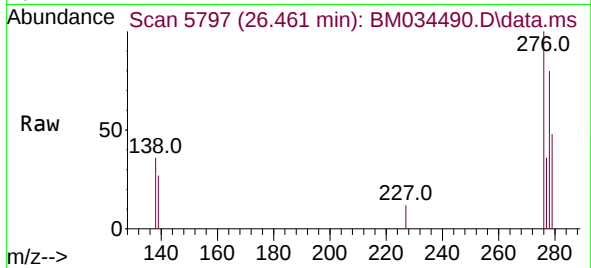




#28
Dibenzo(a,h)anthracene
Concen: 0.411 ng/ul
RT: 26.461 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM034490.D
Acq: 04 Apr 2022 16:57

Instrument :
BNA_M
ClientSampleId :
SSTD0.4017

Tgt Ion:278 Resp: 5243
Ion Ratio Lower Upper
278 100
139 33.7 18.0 27.0#
279 59.2 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.416 ng/ul
RT: 27.169 min Scan# 6008
Delta R.T. 0.000 min
Lab File: BM034490.D
Acq: 04 Apr 2022 16:57

Tgt Ion:276 Resp: 7871
Ion Ratio Lower Upper
276 100
138 27.1 17.4 26.0#
277 30.0 22.6 33.8

