

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040422\
 Data File : BM034489.D
 Acq On : 04 Apr 2022 16:21
 Operator : CG/JU
 Sample : SST0.216
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

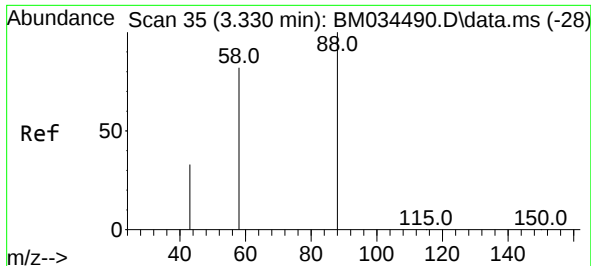
Instrument :
 BNA_M
 ClientSampleId :
 SST0.2016

Quant Time: Apr 05 11:27:08 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	2100	0.400	ng/ul	0.00
4) Naphthalene-d8	10.741	136	6361	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.564	164	3168	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.312	188	4913	0.400	ng/ul	0.00
17) Chrysene-d12	21.492	240	4783	0.400	ng/ul #	0.00
23) Perylene-d12	23.898	264	3881	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	871	0.248	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	1650	0.198	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	2860	0.178	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.330	88	848	0.178	ng/ul#	64
5) Naphthalene	10.790	128	4173	0.210	ng/ul	96
7) 2-Methylnaphthalene	12.412	142	2147	0.198	ng/ul	97
8) 1-Methylnaphthalene	12.616	142	2191	0.201	ng/ul	100
10) Acenaphthylene	14.287	152	3050	0.208	ng/ul	98
11) Acenaphthene	14.624	153	2464	0.208	ng/ul	97
12) Fluorene	15.619	166	2469	0.202	ng/ul	98
14) Pentachlorophenol	16.978	266	474	0.228	ng/ul	99
15) Phenanthrene	17.354	178	3298	0.207	ng/ul	95
16) Anthracene	17.460	178	2360	0.193	ng/ul	96
19) Fluoranthene	19.366	202	4070	0.177	ng/ul#	90
20) Pyrene	19.729	202	4857	0.180	ng/ul#	89
21) Benzo(a)anthracene	21.475	228	2029	0.167	ng/ul	92
22) Chrysene	21.527	228	2317	0.164	ng/ul	97
24) Benzo(b)fluoranthene	23.164	252	2835	0.223	ng/ul#	44
25) Benzo(k)fluoranthene	23.214	252	2132	0.188	ng/ul#	55
26) Benzo(a)pyrene	23.790	252	2969	0.200	ng/ul#	17
27) Indeno(1,2,3-cd)pyrene	26.411	276	3545	0.198	ng/ul#	57
28) Dibenzo(a,h)anthracene	26.475	278	2523	0.194	ng/ul#	18
29) Benzo(g,h,i)perylene	27.176	276	4005	0.207	ng/ul#	84

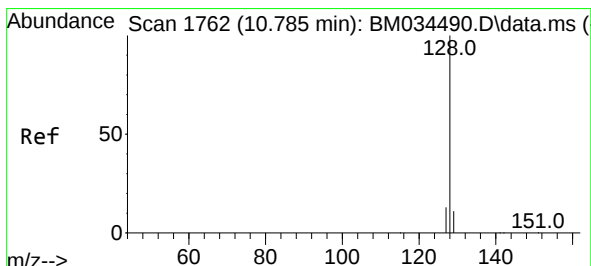
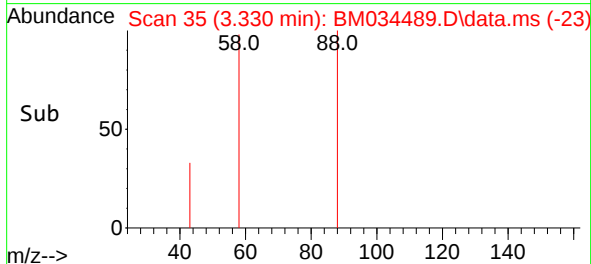
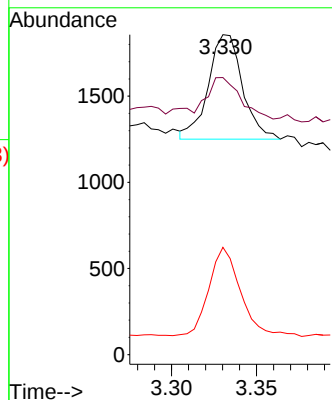
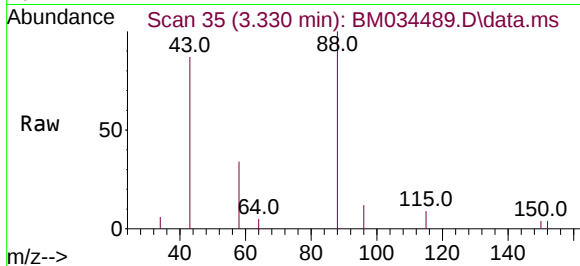
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.178 ng/ul
RT: 3.330 min Scan# 35
Delta R.T. 0.000 min
Lab File: BM034489.D
Acq: 04 Apr 2022 16:21

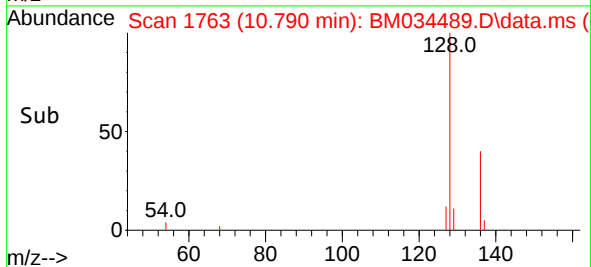
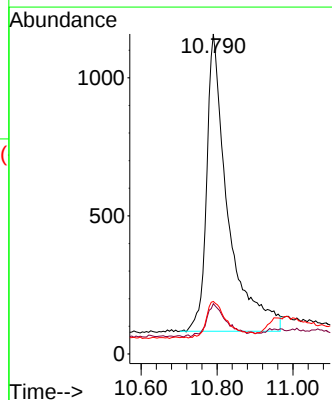
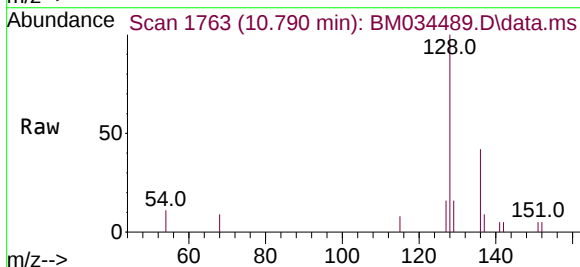
Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

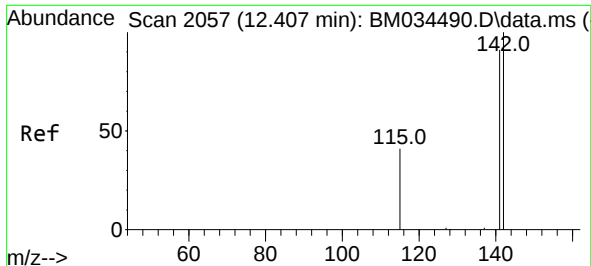
Tgt Ion: 88 Resp: 848
Ion Ratio Lower Upper
88 100
43 86.6 49.7 74.5#
58 33.5 52.5 78.7#



#5
Naphthalene
Concen: 0.210 ng/ul
RT: 10.790 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BM034489.D
Acq: 04 Apr 2022 16:21

Tgt Ion: 128 Resp: 4173
Ion Ratio Lower Upper
128 100
129 15.7 13.4 20.2
127 16.4 15.2 22.8

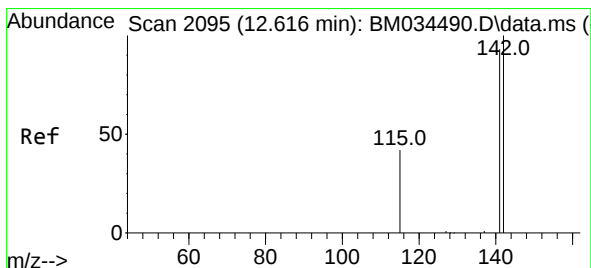
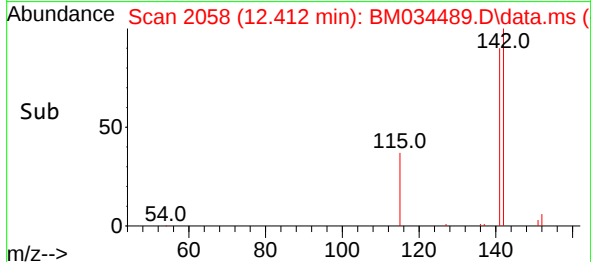
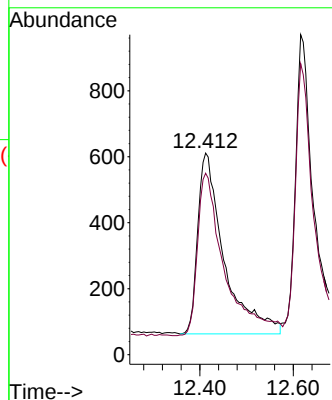
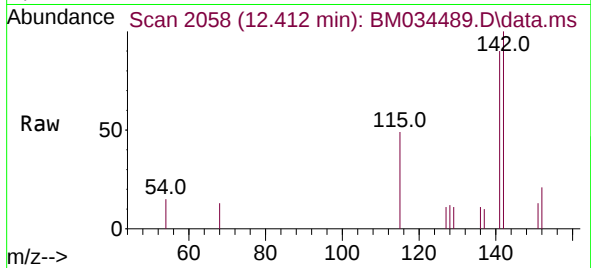




#7
2-Methylnaphthalene
Concen: 0.198 ng/ul
RT: 12.412 min Scan# 2058
Delta R.T. 0.006 min
Lab File: BM034489.D
Acq: 04 Apr 2022 16:21

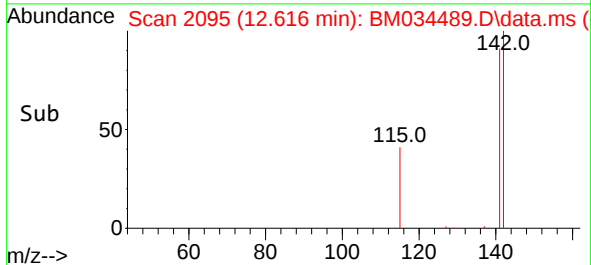
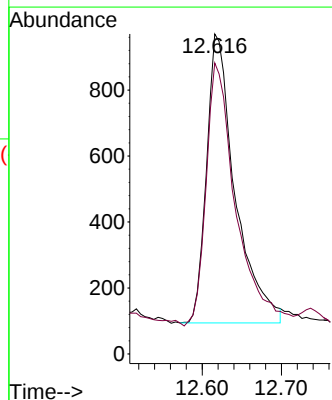
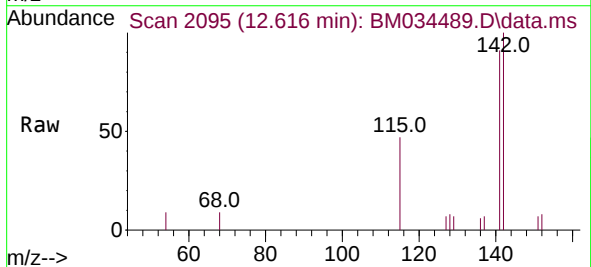
Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

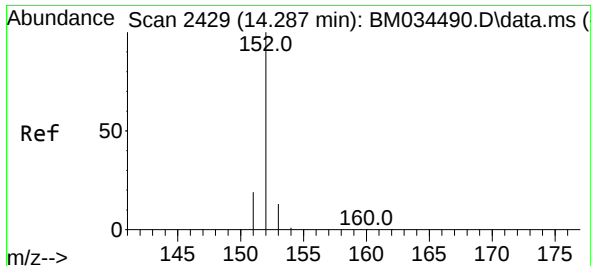
Tgt Ion:142 Resp: 2147
Ion Ratio Lower Upper
142 100
141 92.5 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.201 ng/ul
RT: 12.616 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BM034489.D
Acq: 04 Apr 2022 16:21

Tgt Ion:142 Resp: 2191
Ion Ratio Lower Upper
142 100
141 94.0 75.0 112.4

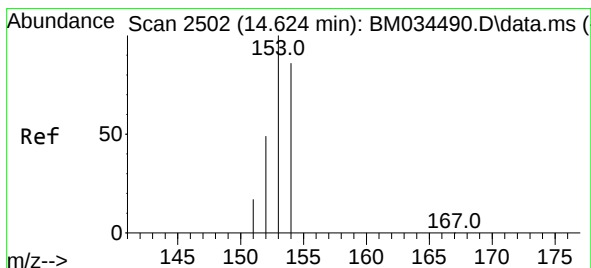
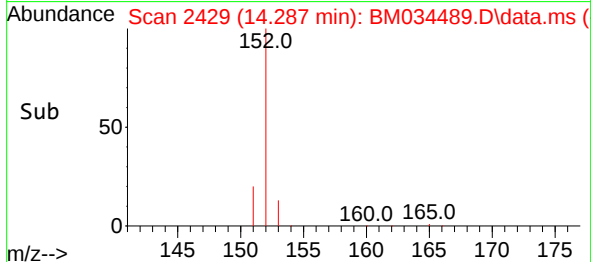
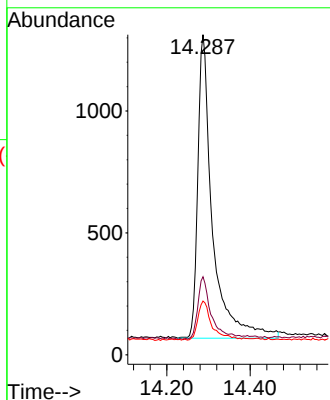
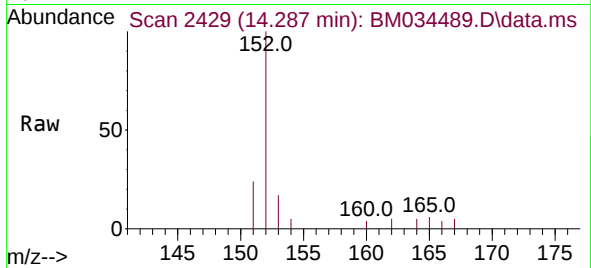




#10
Acenaphthylene
Concen: 0.208 ng/ul
RT: 14.287 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BM034489.D
Acq: 04 Apr 2022 16:21

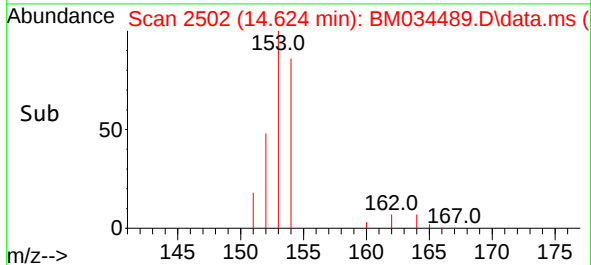
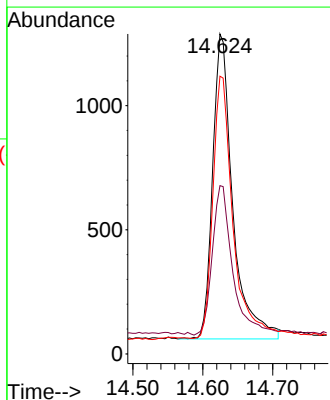
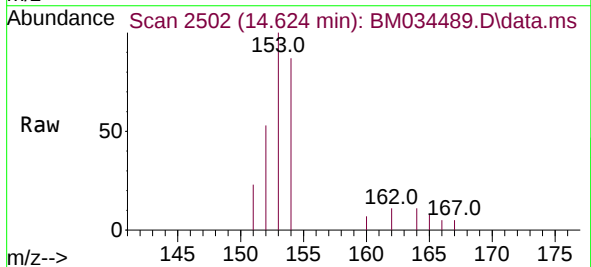
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BNA_M
ClientSampleId :
SSTD0.2016

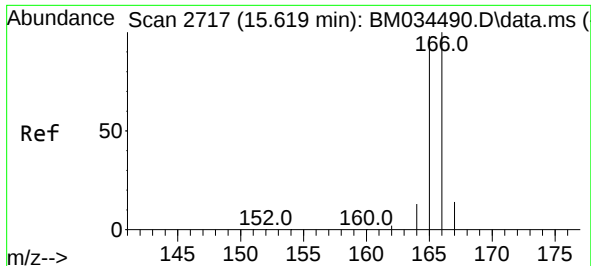
Tgt Ion:	152	Resp:	3050
Ion Ratio	Lower	Upper	
152	100		
151	24.4	19.9	29.9
153	16.8	15.0	22.4



#11
Acenaphthene
Concen: 0.208 ng/ul
RT: 14.624 min Scan# 2502
Delta R.T. 0.000 min
Lab File: BM034489.D
Acq: 04 Apr 2022 16:21

Tgt Ion:	153	Resp:	2464
Ion Ratio	Lower	Upper	
153	100		
152	52.6	42.4	63.6
154	86.8	66.2	99.2

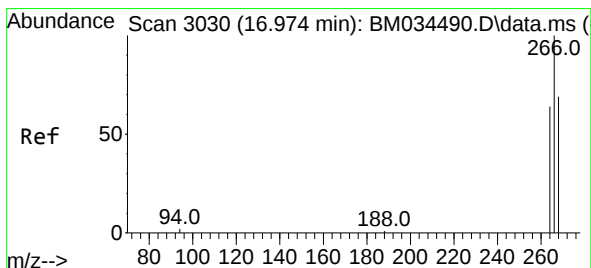
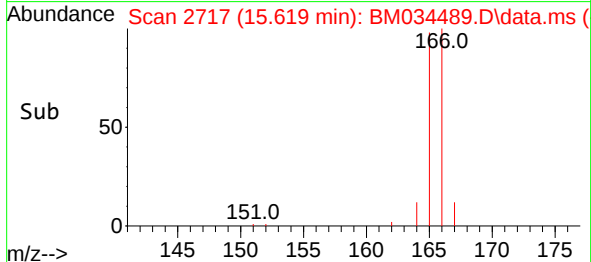
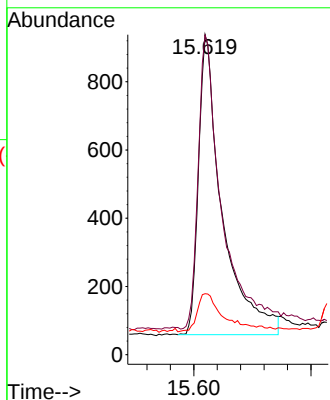
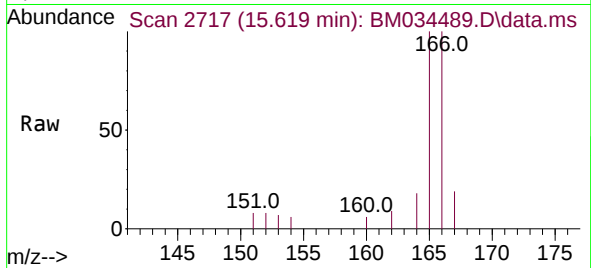




#12
Fluorene
Concen: 0.202 ng/ul
RT: 15.619 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034489.D
Acq: 04 Apr 2022 16:21

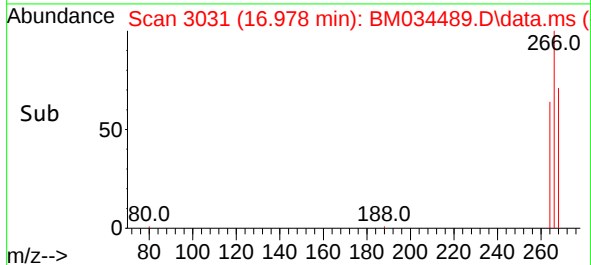
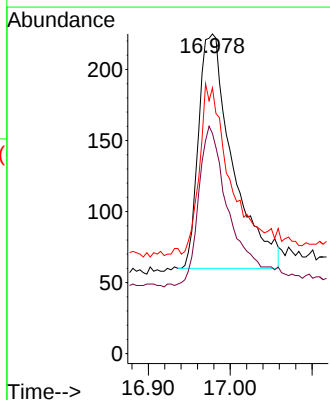
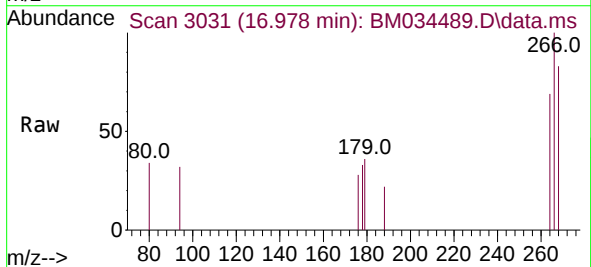
Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

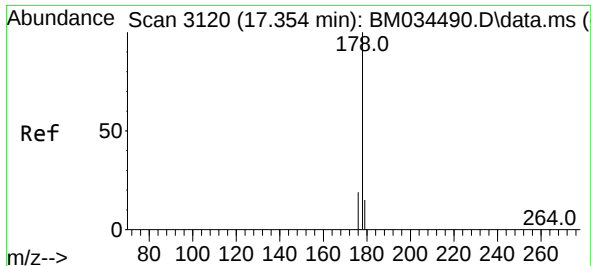
Tgt Ion:166 Resp: 2469
Ion Ratio Lower Upper
166 100
165 99.8 81.1 121.7
167 19.1 14.9 22.3



#14
Pentachlorophenol
Concen: 0.228 ng/ul
RT: 16.978 min Scan# 3031
Delta R.T. 0.004 min
Lab File: BM034489.D
Acq: 04 Apr 2022 16:21

Tgt Ion:266 Resp: 474
Ion Ratio Lower Upper
266 100
264 63.1 51.4 77.0
268 66.0 53.1 79.7

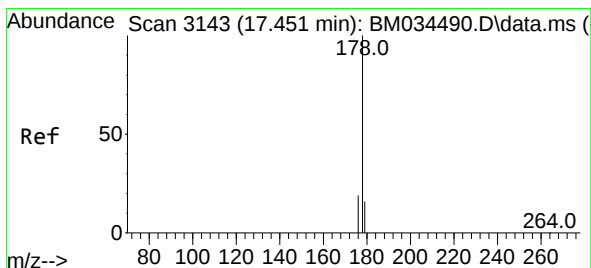
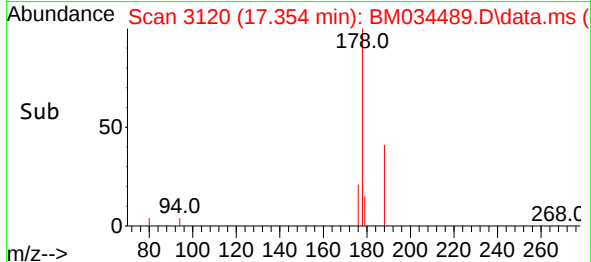
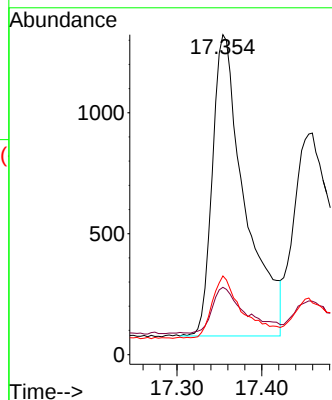
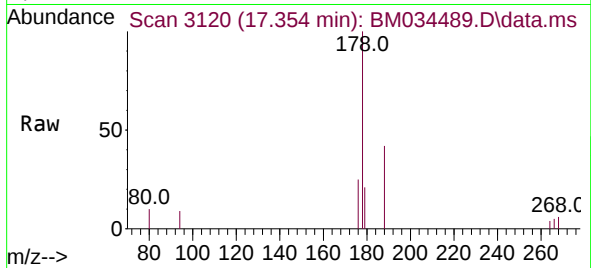




#15
Phenanthrene
Concen: 0.207 ng/ul
RT: 17.354 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BM034489.D
Acq: 04 Apr 2022 16:21

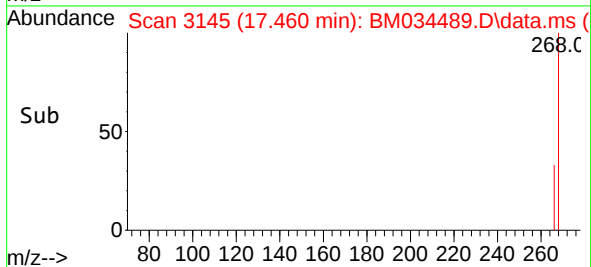
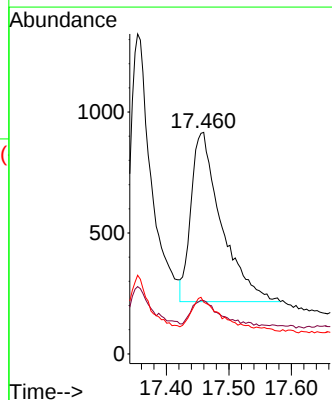
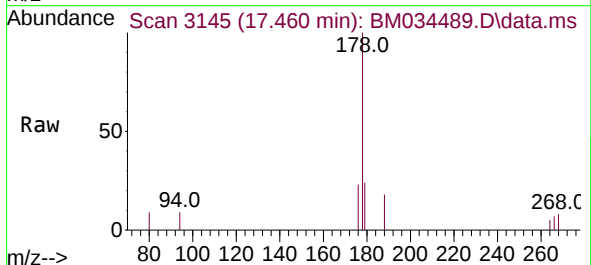
Instrument :
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ClientSampleId :
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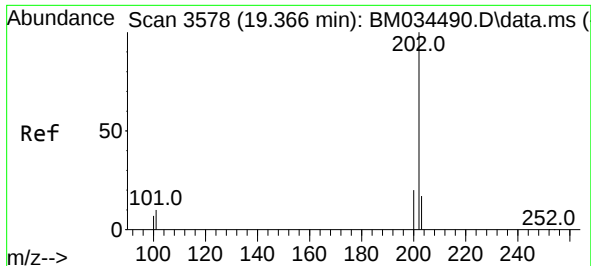
Tgt Ion:178 Resp: 3298
Ion Ratio Lower Upper
178 100
179 21.0 15.0 22.6
176 24.6 17.9 26.9



#16
Anthracene
Concen: 0.193 ng/ul
RT: 17.460 min Scan# 3145
Delta R.T. 0.009 min
Lab File: BM034489.D
Acq: 04 Apr 2022 16:21

Tgt Ion:178 Resp: 2360
Ion Ratio Lower Upper
178 100
179 24.1 16.5 24.7
176 23.4 18.3 27.5

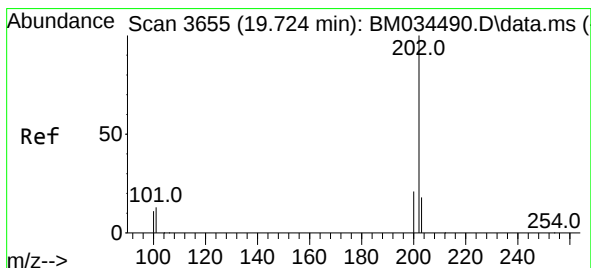
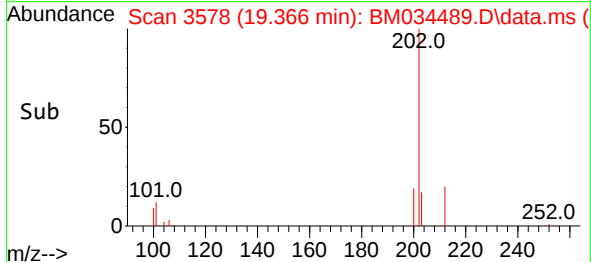
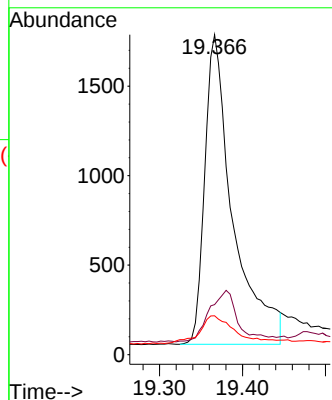
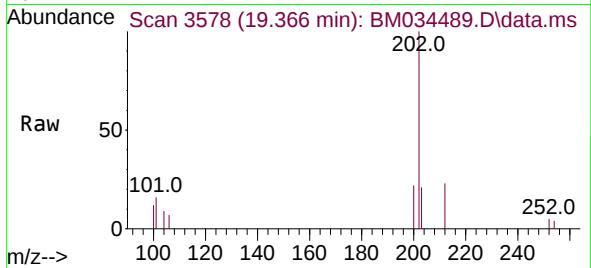




#19
Fluoranthene
Concen: 0.177 ng/u1
RT: 19.366 min Scan# 3578
Delta R.T. 0.000 min
Lab File: BM034489.D
Acq: 04 Apr 2022 16:21

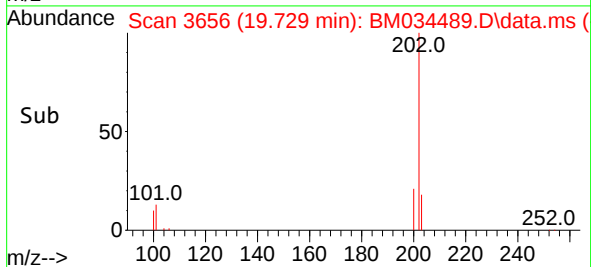
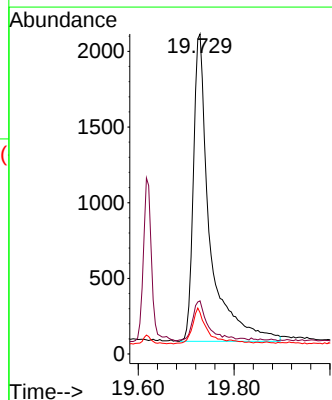
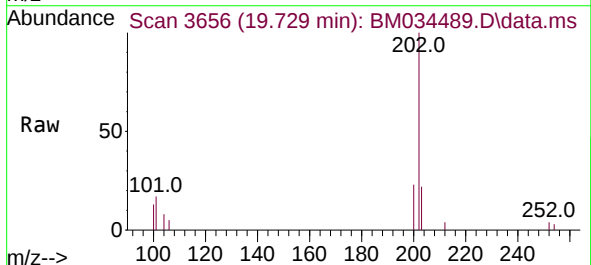
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SSTD0.2016

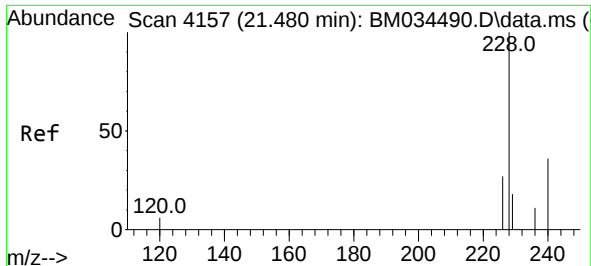
Tgt Ion:202 Resp: 4070
Ion Ratio Lower Upper
202 100
101 15.7 9.2 13.8#
100 12.1 7.2 10.8#



#20
Pyrene
Concen: 0.180 ng/u1
RT: 19.729 min Scan# 3656
Delta R.T. 0.005 min
Lab File: BM034489.D
Acq: 04 Apr 2022 16:21

Tgt Ion:202 Resp: 4857
Ion Ratio Lower Upper
202 100
101 16.6 9.3 13.9#
100 12.9 7.8 11.6#

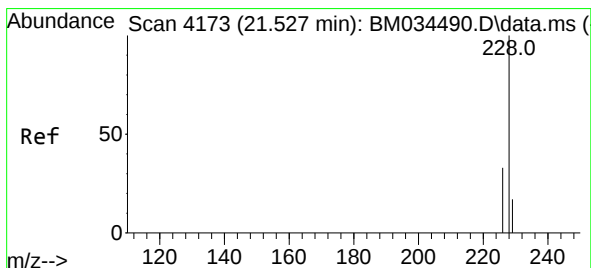
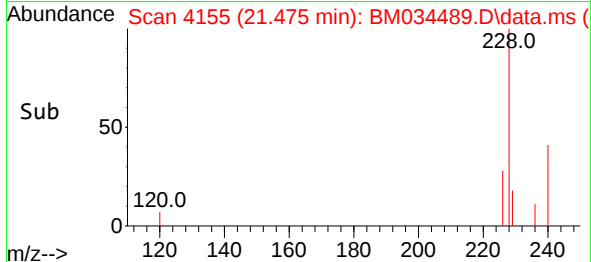
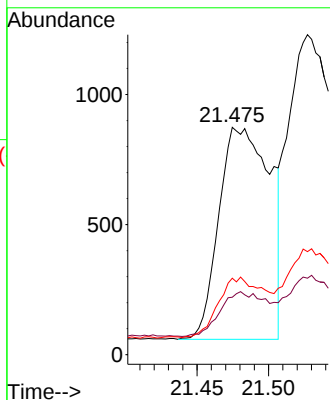
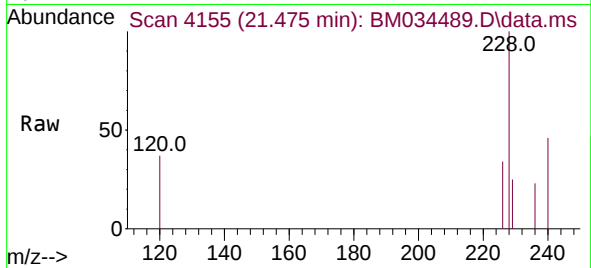




#21
Benzo(a)anthracene
Concen: 0.167 ng/ul
RT: 21.475 min Scan# 4155
Delta R.T. -0.005 min
Lab File: BM034489.D
Acq: 04 Apr 2022 16:21

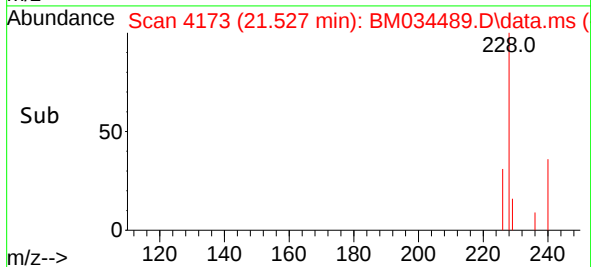
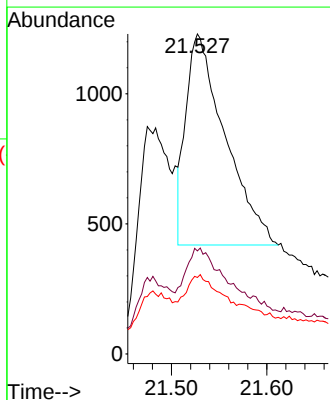
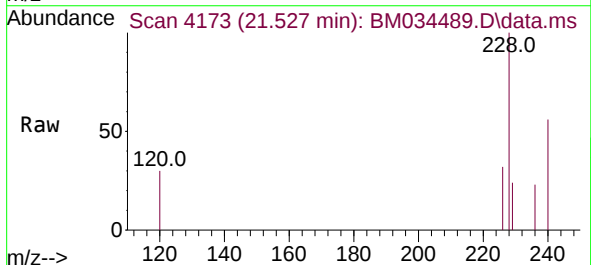
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ClientSampleId :
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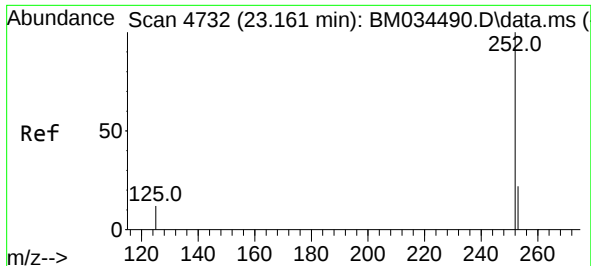
Tgt Ion:228 Resp: 2029
Ion Ratio Lower Upper
228 100
229 25.3 17.3 25.9
226 33.6 23.2 34.8



#22
Chrysene
Concen: 0.164 ng/ul
RT: 21.527 min Scan# 4173
Delta R.T. 0.000 min
Lab File: BM034489.D
Acq: 04 Apr 2022 16:21

Tgt Ion:228 Resp: 2317
Ion Ratio Lower Upper
228 100
226 32.2 25.8 38.8
229 23.9 16.7 25.1

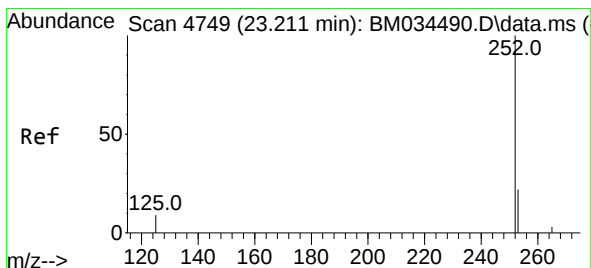
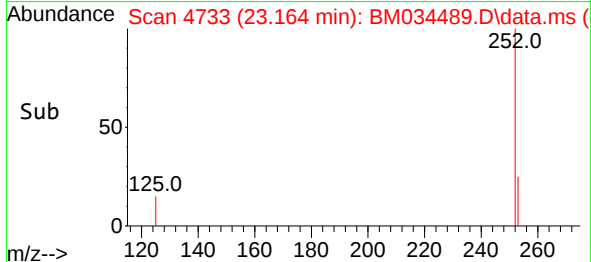
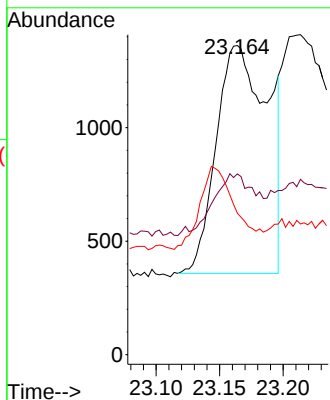
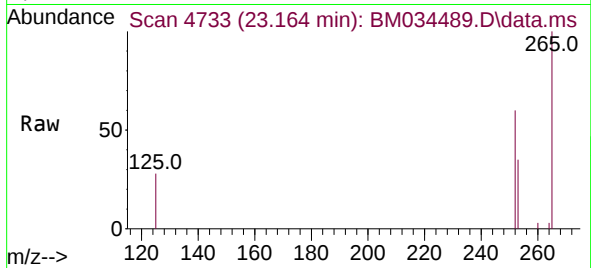




#24
Benzo(b)fluoranthene
Concen: 0.223 ng/ul
RT: 23.164 min Scan# 4732
Delta R.T. 0.003 min
Lab File: BM034489.D
Acq: 04 Apr 2022 16:21

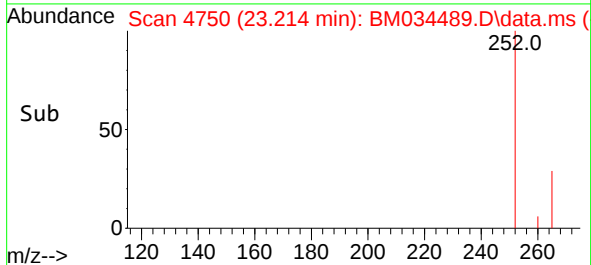
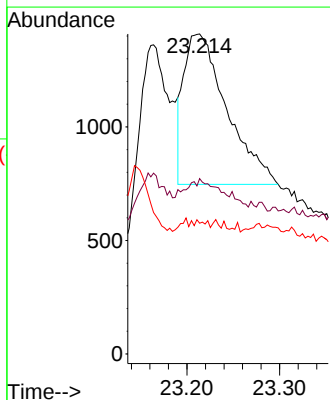
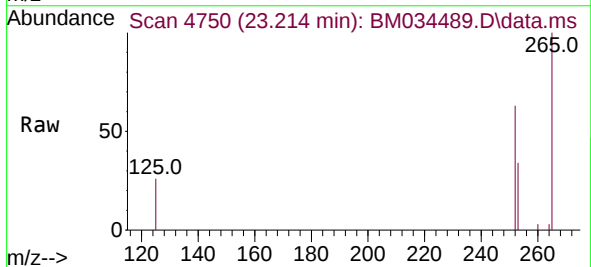
Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

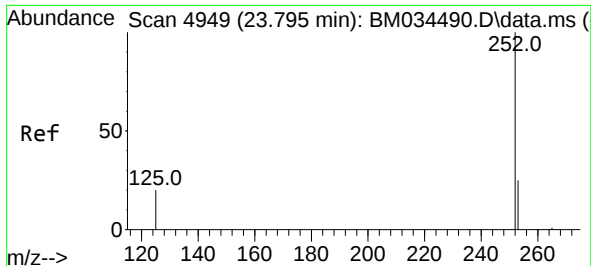
Tgt Ion:252 Resp: 2835
Ion Ratio Lower Upper
252 100
253 58.5 0.0 64.2
125 45.8 0.0 28.8#



#25
Benzo(k)fluoranthene
Concen: 0.188 ng/ul
RT: 23.214 min Scan# 4750
Delta R.T. 0.003 min
Lab File: BM034489.D
Acq: 04 Apr 2022 16:21

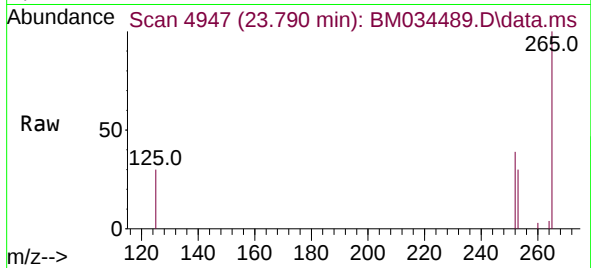
Tgt Ion:252 Resp: 2132
Ion Ratio Lower Upper
252 100
253 54.8 26.8 40.2#
125 40.9 12.0 18.0#



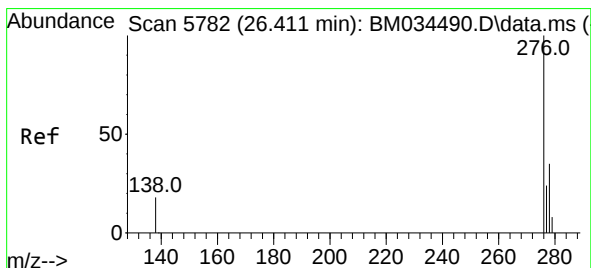
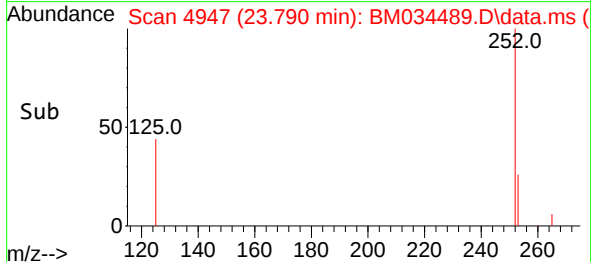
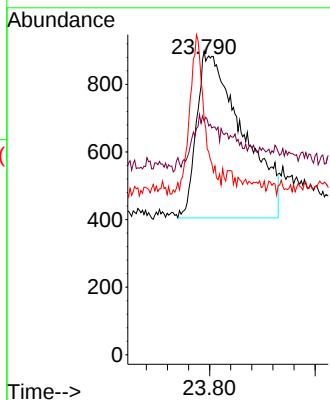


#26
Benzo(a)pyrene
Concen: 0.200 ng/ul
RT: 23.790 min Scan# 4949
Delta R.T. -0.006 min
Lab File: BM034489.D
Acq: 04 Apr 2022 16:21

Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

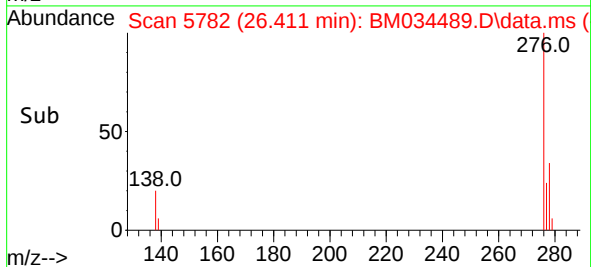
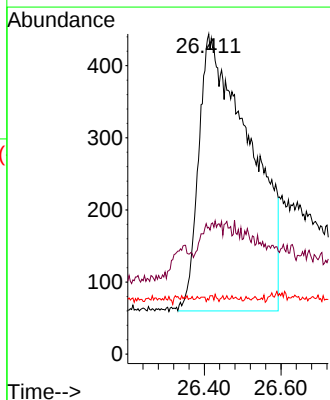
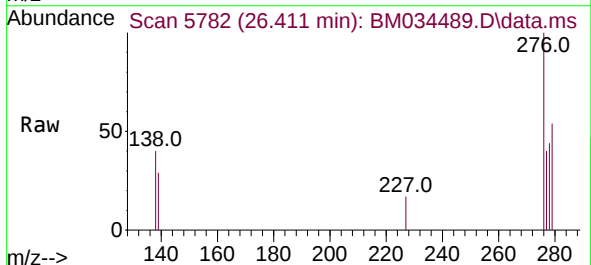


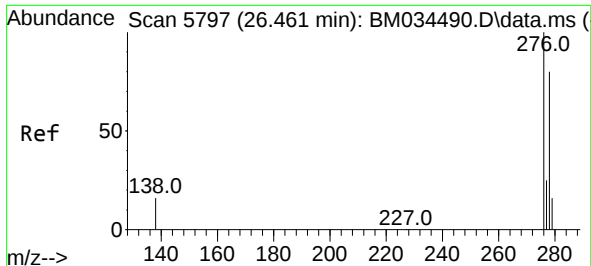
Tgt Ion:252 Resp: 2969
Ion Ratio Lower Upper
252 100
253 77.1 32.0 48.0#
125 77.5 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.198 ng/ul
RT: 26.411 min Scan# 5782
Delta R.T. 0.000 min
Lab File: BM034489.D
Acq: 04 Apr 2022 16:21

Tgt Ion:276 Resp: 3545
Ion Ratio Lower Upper
276 100
138 0.0 15.8 23.6#
227 0.2 0.0 0.0#

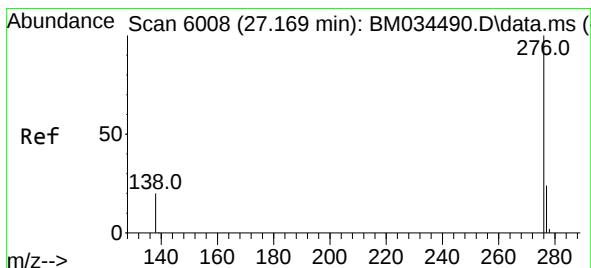
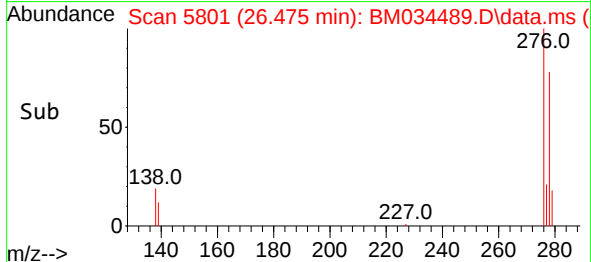
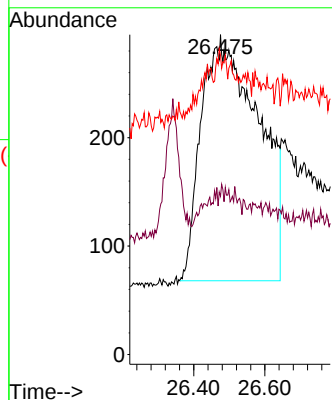
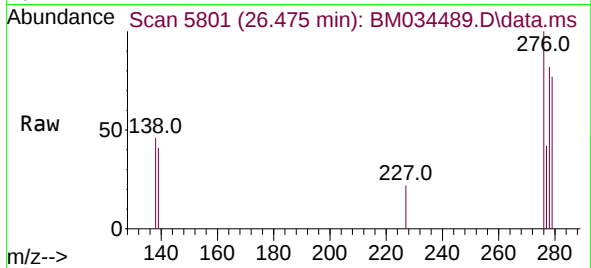




#28
Dibenzo(a,h)anthracene
Concen: 0.194 ng/ul
RT: 26.475 min Scan# 51
Delta R.T. 0.014 min
Lab File: BM034489.D
Acq: 04 Apr 2022 16:21

Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

Tgt Ion:278 Resp: 2523
Ion Ratio Lower Upper
278 100
139 49.5 18.0 27.0#
279 93.6 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.207 ng/ul
RT: 27.176 min Scan# 6010
Delta R.T. 0.007 min
Lab File: BM034489.D
Acq: 04 Apr 2022 16:21

Tgt Ion:276 Resp: 4005
Ion Ratio Lower Upper
276 100
138 33.1 17.4 26.0#
277 33.0 22.6 33.8

