

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032979.D
 Acq On : 11 Nov 2021 07:44
 Operator : CG/JU
 Sample : PB140355BS
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS355

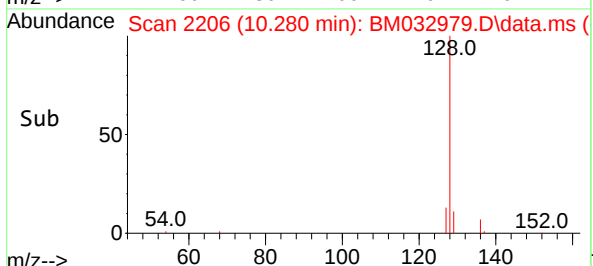
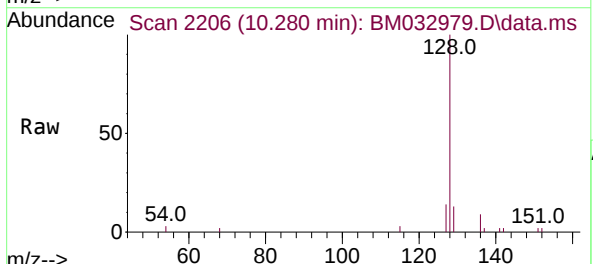
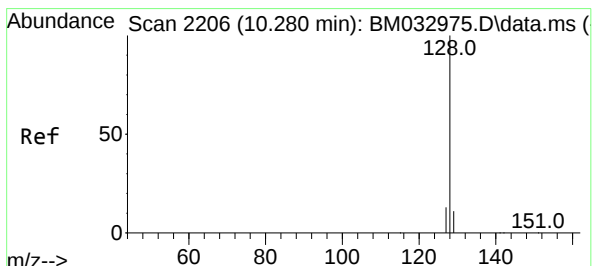
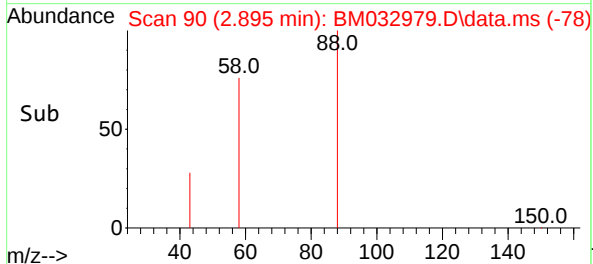
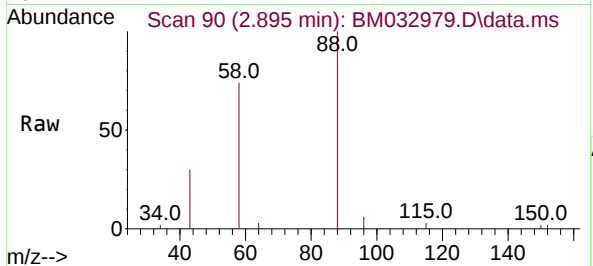
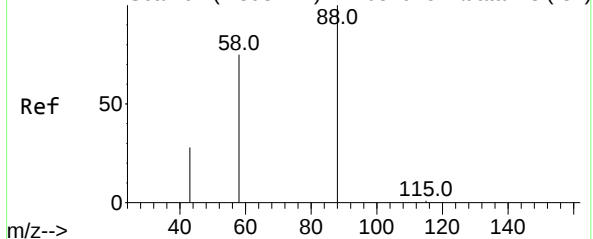
Quant Time: Nov 11 09:38:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 09 13:31:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.462	152	1541	0.400	ng/ul	0.00
4) Naphthalene-d8	10.235	136	5916	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.118	164	3428	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.858	188	7074	0.400	ng/ul	0.00
17) Chrysene-d12	21.047	240	5820	0.400	ng/ul	0.00
23) Perylene-d12	23.156	264	4635	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.860	96	1616	0.821	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.831	152	3206	0.382	ng/ul	0.00
18) Fluoranthene-d10	18.889	212	7097	0.402	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.895	88	4582	2.267	ng/ul#	88
5) Naphthalene	10.280	128	6919	0.403	ng/ul	99
7) 2-Methylnaphthalene	11.908	142	4352	0.366	ng/ul	99
8) 1-Methylnaphthalene	12.128	142	4212	0.361	ng/ul	99
10) Acenaphthylene	13.837	152	5371	0.360	ng/ul	99
11) Acenaphthene	14.178	153	5026	0.386	ng/ul	99
12) Fluorene	15.172	166	5611	0.366	ng/ul	99
14) Pentachlorophenol	16.536	266	980	0.532	ng/ul	97
15) Phenanthrene	16.900	178	8861	0.377	ng/ul	100
16) Anthracene	16.990	178	7108	0.344	ng/ul	99
19) Fluoranthene	18.919	202	10348	0.379	ng/ul	98
20) Pyrene	19.285	202	10720	0.377	ng/ul	99
21) Benzo(a)anthracene	21.033	228	7617	0.354	ng/ul	99
22) Chrysene	21.084	228	9515	0.393	ng/ul	99
24) Benzo(b)fluoranthene	22.534	252	8655	0.407	ng/ul	98
25) Benzo(k)fluoranthene	22.572	252	9454	0.415	ng/ul	96
26) Benzo(a)pyrene	23.067	252	6771	0.386	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.218	276	8347	0.414	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.221	278	6665	0.417	ng/ul	98
29) Benzo(g,h,i)perylene	25.846	276	7587	0.433	ng/ul	100

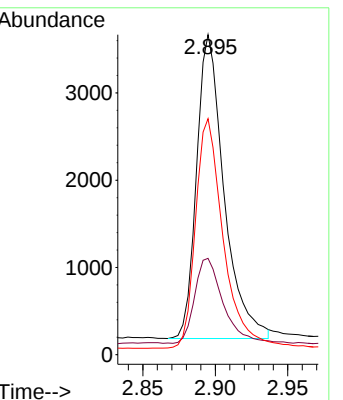
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Abundance Scan 91 (2.898 min): BM032975.D\data.ms (-81)



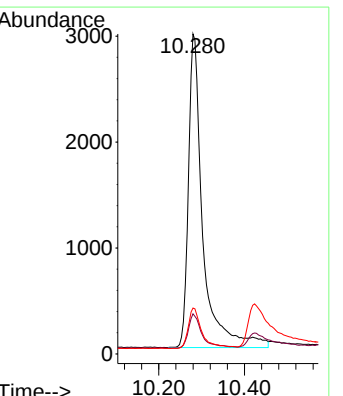
#2
1,4-Dioxane
Concen: 2.267 ng/ul
RT: 2.895 min Scan# 90
Delta R.T. -0.008 min
Lab File: BM032979.D
Acq: 11 Nov 2021 07:44

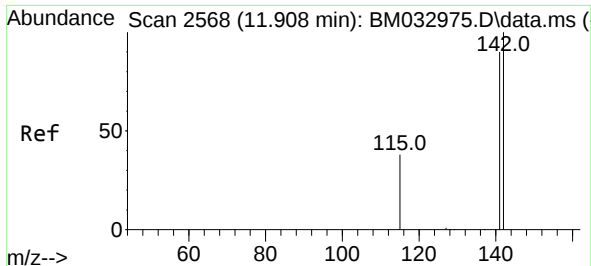
Tgt Ion: 88 Resp: 4582
Ion Ratio Lower Upper
88 100
43 30.1 35.8 53.8#
58 73.7 55.8 83.8



#5
Naphthalene
Concen: 0.403 ng/ul
RT: 10.280 min Scan# 2206
Delta R.T. -0.010 min
Lab File: BM032979.D
Acq: 11 Nov 2021 07:44

Tgt Ion: 128 Resp: 6919
Ion Ratio Lower Upper
128 100
129 12.5 9.8 14.6
127 14.4 11.8 17.8

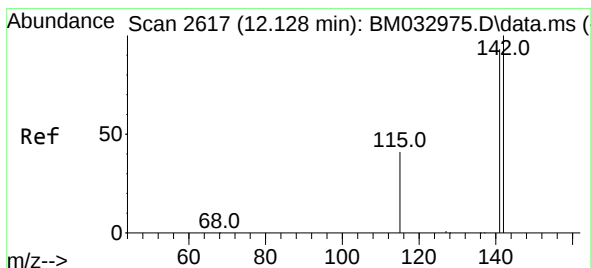
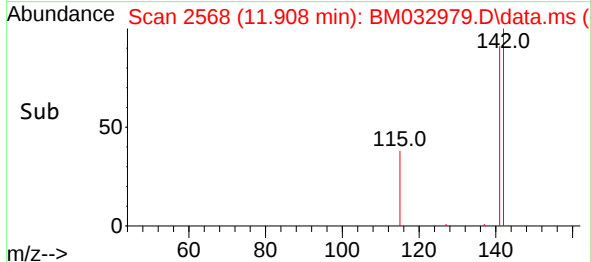
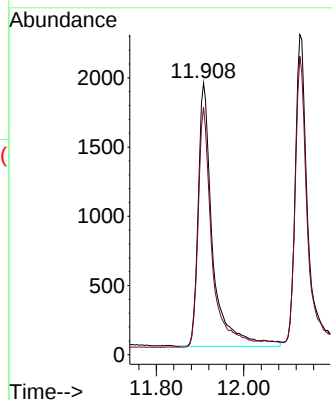
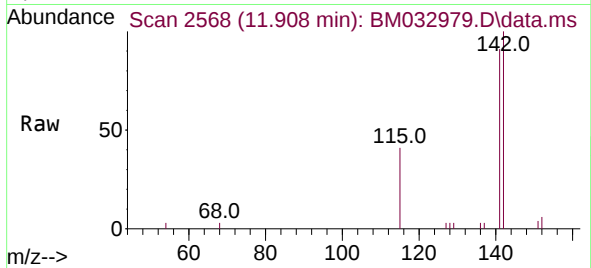




#7
2-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 11.908 min Scan# 2568
Delta R.T. -0.005 min
Lab File: BM032979.D
Acq: 11 Nov 2021 07:44

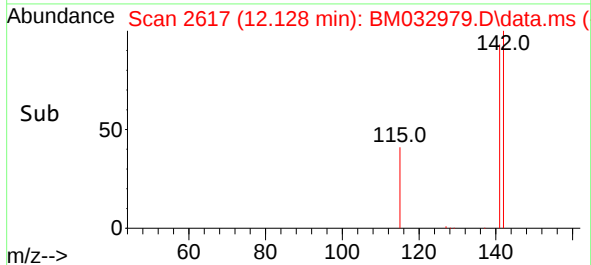
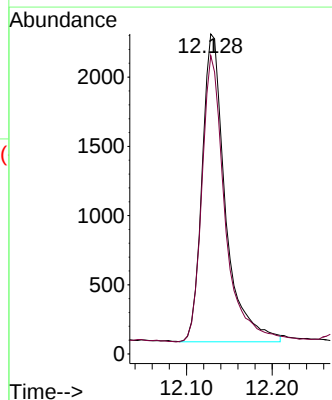
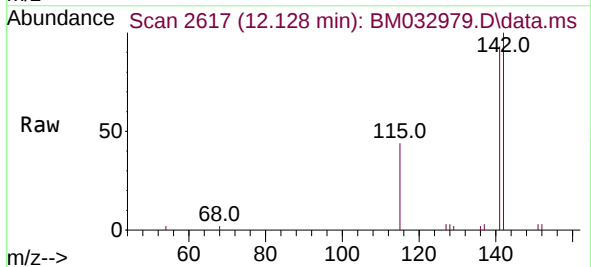
Instrument :
BNA_M
ClientSampleId :
SLCS355

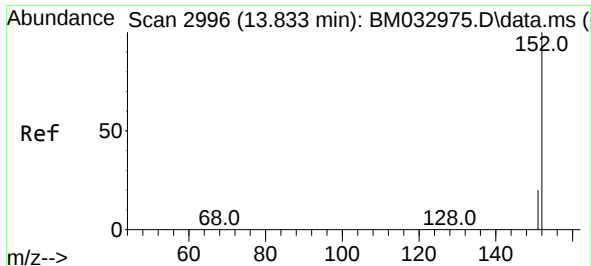
Tgt Ion:142 Resp: 4352
Ion Ratio Lower Upper
142 100
141 90.7 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.128 min Scan# 2617
Delta R.T. -0.010 min
Lab File: BM032979.D
Acq: 11 Nov 2021 07:44

Tgt Ion:142 Resp: 4212
Ion Ratio Lower Upper
142 100
141 91.9 74.5 111.7

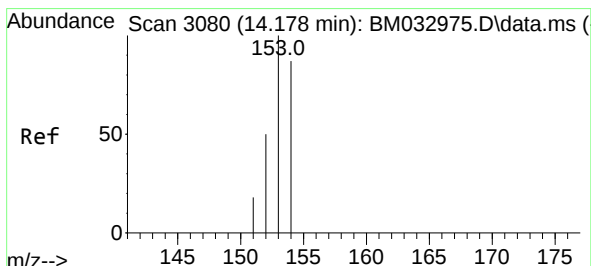
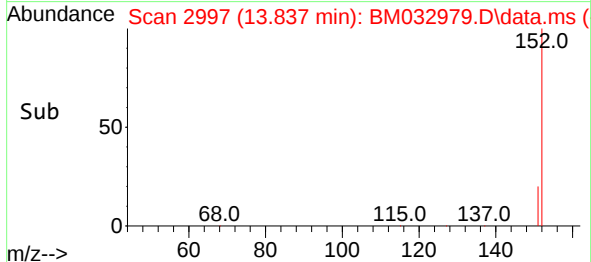
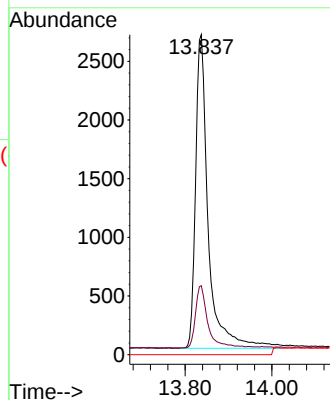
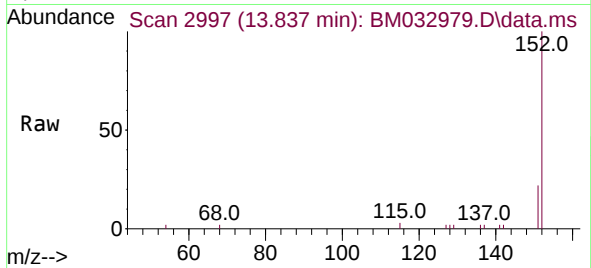




#10
Acenaphthylene
Concen: 0.360 ng/ul
RT: 13.837 min Scan# 2996
Delta R.T. -0.005 min
Lab File: BM032979.D
Acq: 11 Nov 2021 07:44

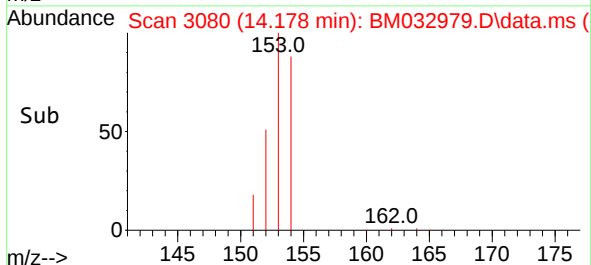
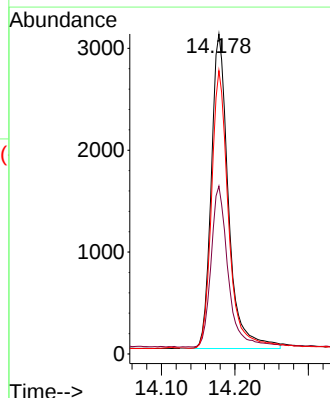
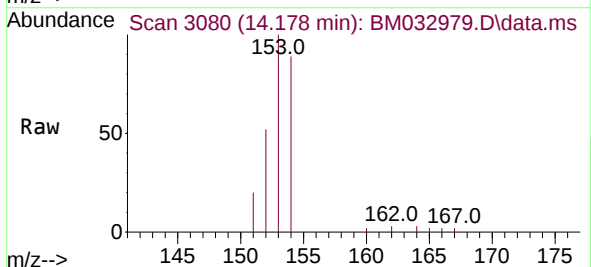
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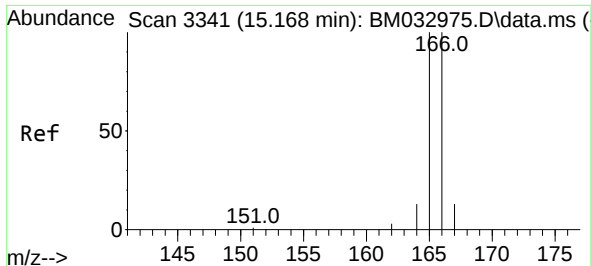
Tgt Ion:152 Resp: 5371
Ion Ratio Lower Upper
152 100
151 21.5 16.7 25.1
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.386 ng/ul
RT: 14.178 min Scan# 3080
Delta R.T. -0.008 min
Lab File: BM032979.D
Acq: 11 Nov 2021 07:44

Tgt Ion:153 Resp: 5026
Ion Ratio Lower Upper
153 100
152 52.5 40.6 60.8
154 88.6 70.8 106.2

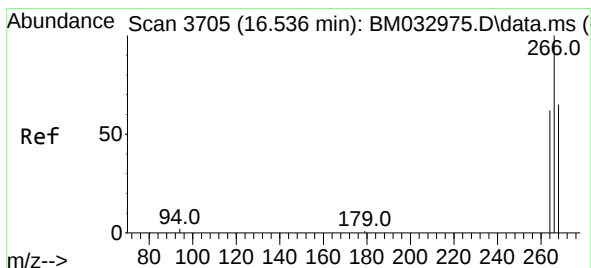
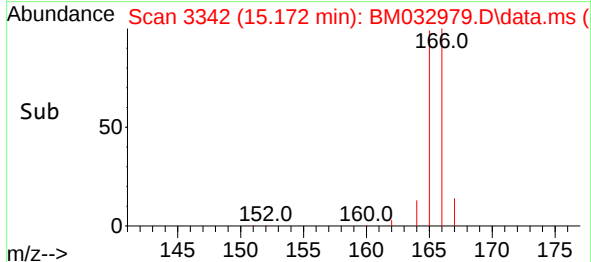
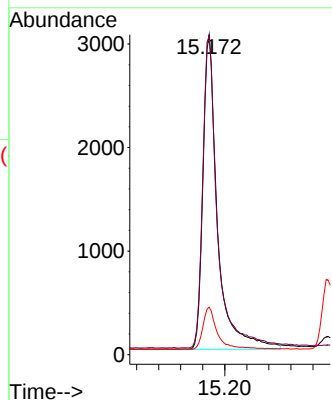
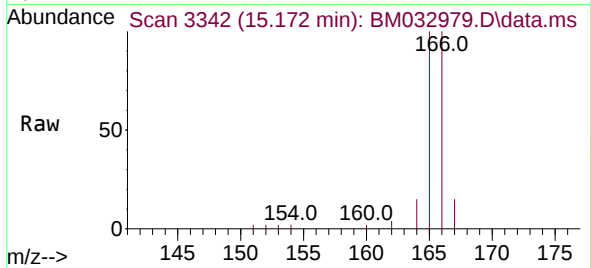




#12
Fluorene
Concen: 0.366 ng/ul
RT: 15.172 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM032979.D
Acq: 11 Nov 2021 07:44

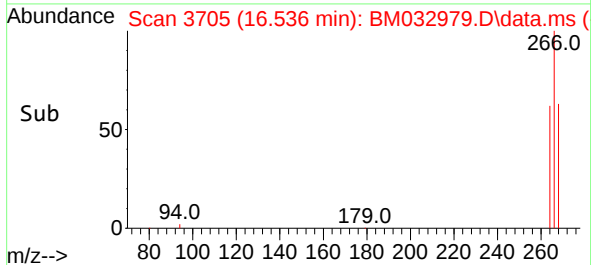
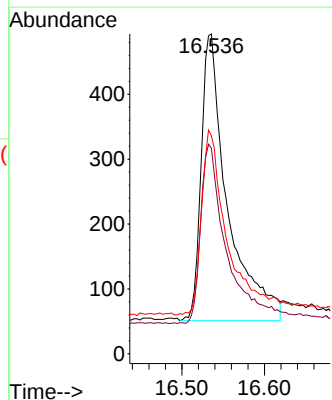
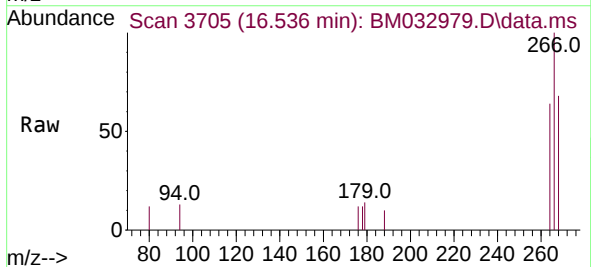
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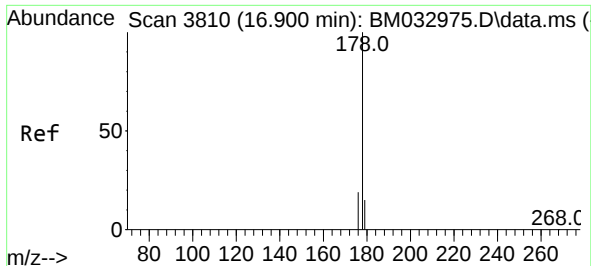
Tgt Ion:166 Resp: 5611
Ion Ratio Lower Upper
166 100
165 99.6 80.8 121.2
167 14.9 11.7 17.5



#14
Pentachlorophenol
Concen: 0.532 ng/ul
RT: 16.536 min Scan# 3705
Delta R.T. -0.008 min
Lab File: BM032979.D
Acq: 11 Nov 2021 07:44

Tgt Ion:266 Resp: 980
Ion Ratio Lower Upper
266 100
264 62.2 51.2 76.8
268 63.9 52.9 79.3

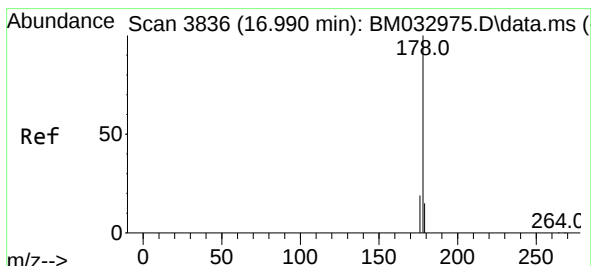
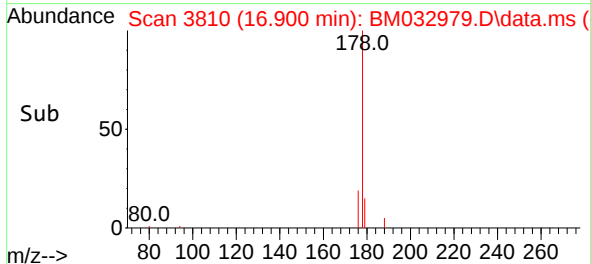
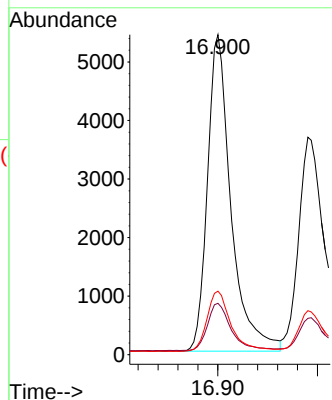
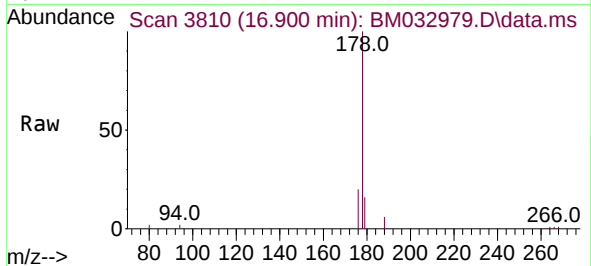




#15
Phenanthrene
Concen: 0.377 ng/ul
RT: 16.900 min Scan# 3810
Delta R.T. -0.008 min
Lab File: BM032979.D
Acq: 11 Nov 2021 07:44

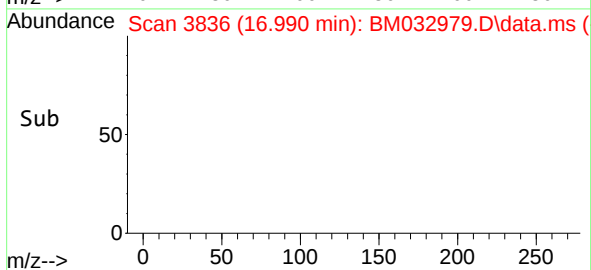
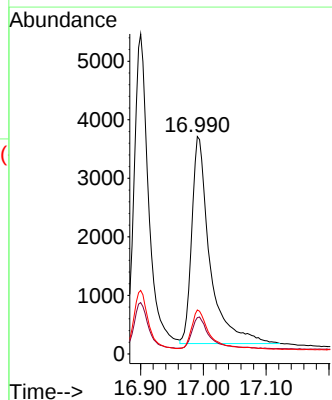
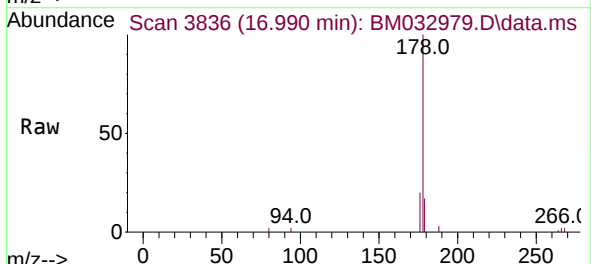
Instrument :
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ClientSampleId :
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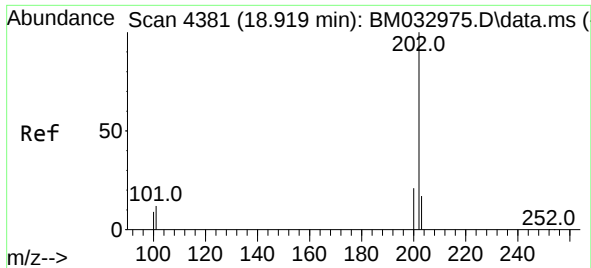
Tgt Ion:	178	Resp:	8861
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.9	19.3
176	19.8	16.0	24.0



#16
Anthracene
Concen: 0.344 ng/ul
RT: 16.990 min Scan# 3836
Delta R.T. -0.008 min
Lab File: BM032979.D
Acq: 11 Nov 2021 07:44

Tgt Ion:	178	Resp:	7108
Ion Ratio	Lower	Upper	
178	100		
179	16.7	13.0	19.6
176	20.3	15.6	23.4

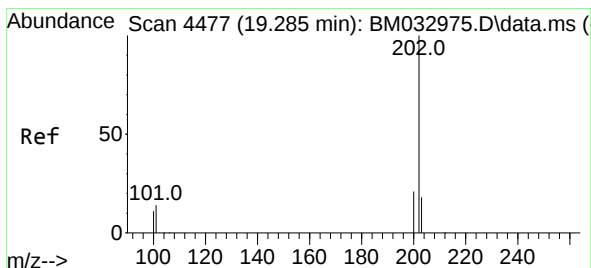
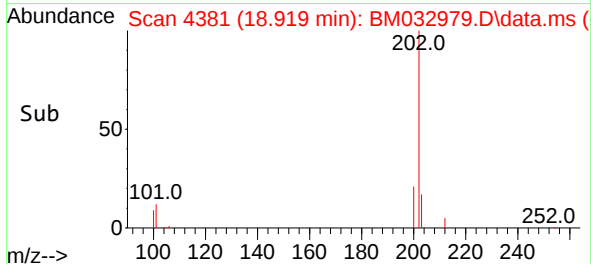
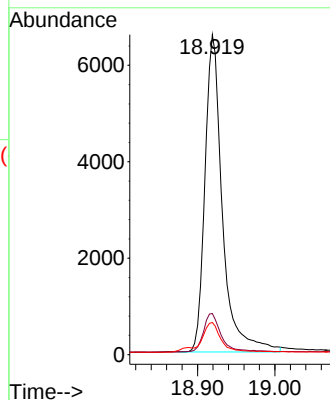
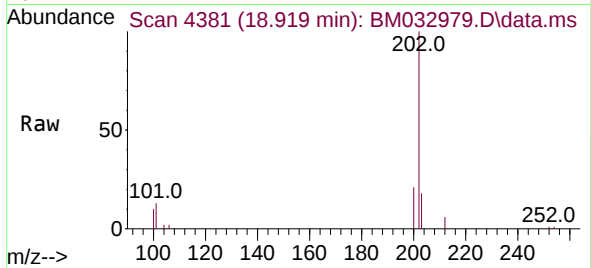




#19
Fluoranthene
Concen: 0.379 ng/ul
RT: 18.919 min Scan# 4381
Delta R.T. -0.008 min
Lab File: BM032979.D
Acq: 11 Nov 2021 07:44

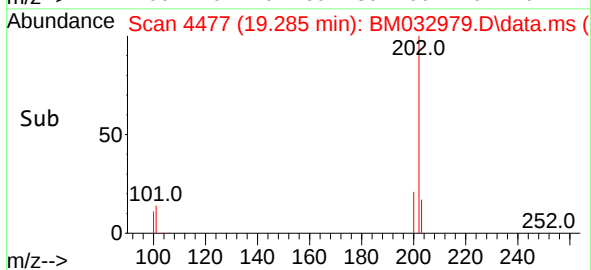
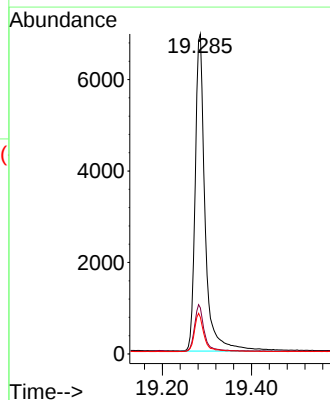
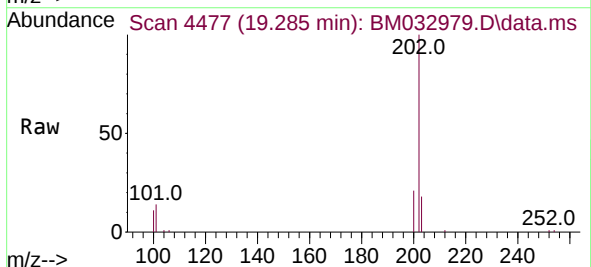
Instrument :
BNA_M
ClientSampleId :
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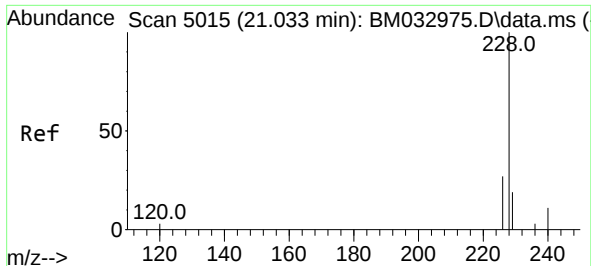
Tgt Ion:	202	Resp:	10348
Ion Ratio	Lower	Upper	
202	100		
101	12.9	9.9	14.9
100	10.1	7.3	10.9



#20
Pyrene
Concen: 0.377 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. -0.005 min
Lab File: BM032979.D
Acq: 11 Nov 2021 07:44

Tgt Ion:	202	Resp:	10720
Ion Ratio	Lower	Upper	
202	100		
101	14.4	11.8	17.6
100	11.4	9.5	14.3

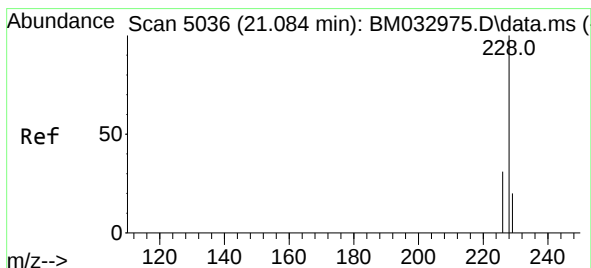
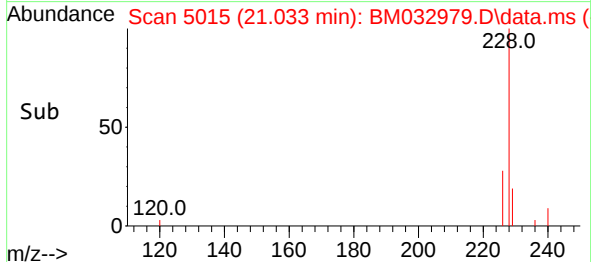
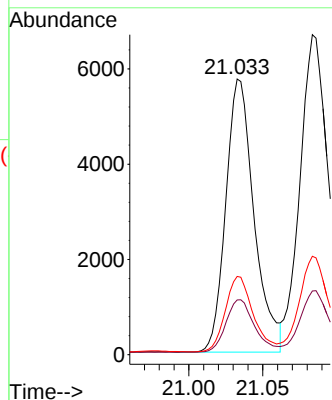
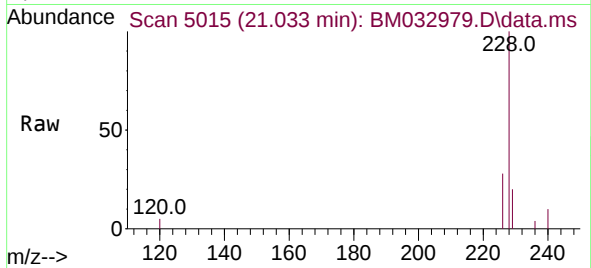




#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.033 min Scan# 5015
Delta R.T. -0.006 min
Lab File: BM032979.D
Acq: 11 Nov 2021 07:44

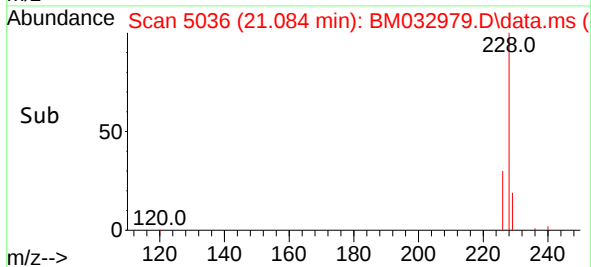
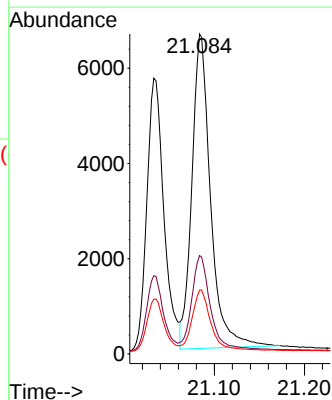
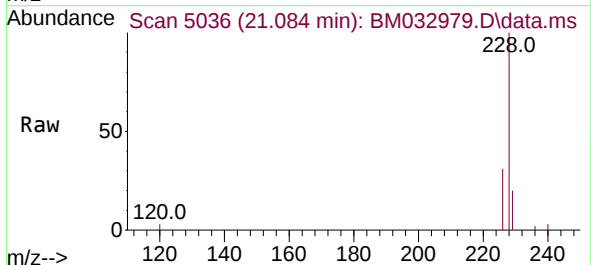
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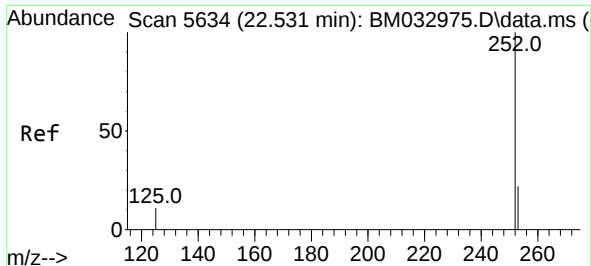
Tgt Ion:228 Resp: 7617
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 28.4 22.4 33.6



#22
Chrysene
Concen: 0.393 ng/ul
RT: 21.084 min Scan# 5036
Delta R.T. -0.008 min
Lab File: BM032979.D
Acq: 11 Nov 2021 07:44

Tgt Ion:228 Resp: 9515
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 19.9 16.1 24.1

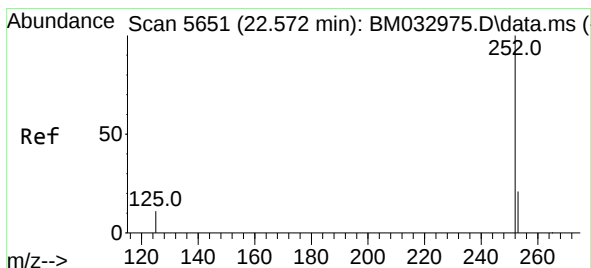
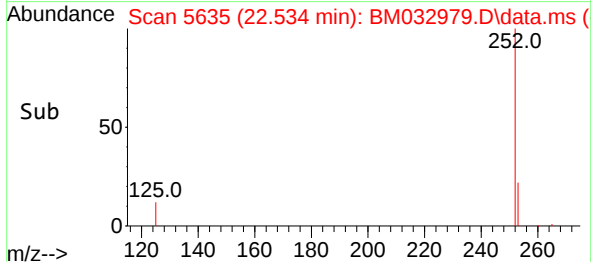
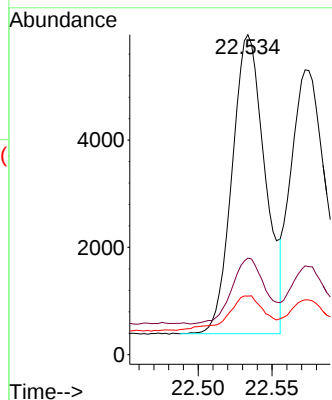
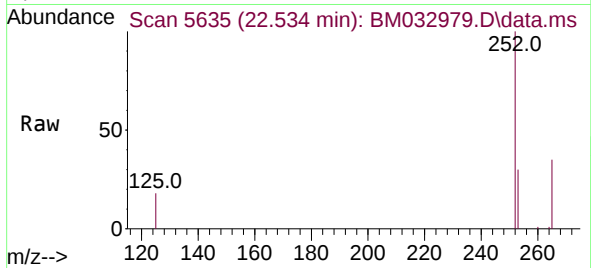




#24
Benzo(b)fluoranthene
Concen: 0.407 ng/ul
RT: 22.534 min Scan# 5634
Delta R.T. -0.008 min
Lab File: BM032979.D
Acq: 11 Nov 2021 07:44

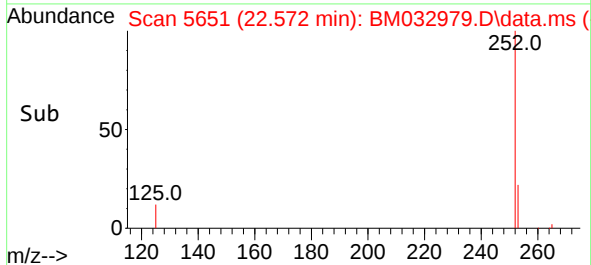
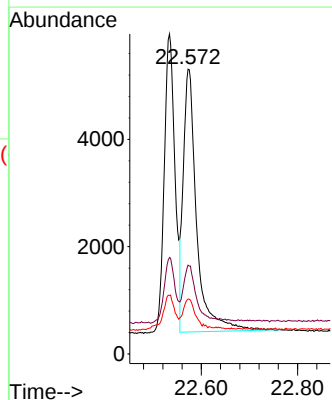
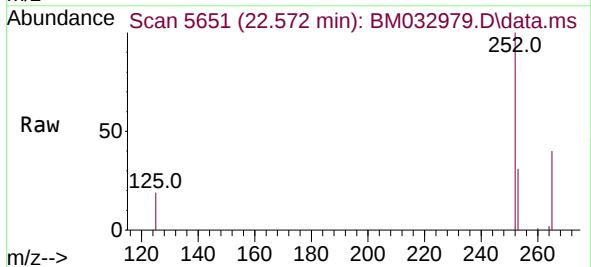
Instrument :
BNA_M
ClientSampleId :
SLCS355

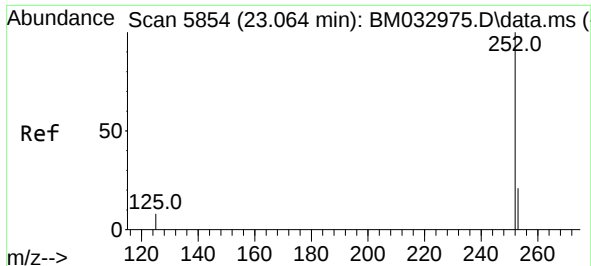
Tgt Ion:252 Resp: 8655
Ion Ratio Lower Upper
252 100
253 30.2 0.0 59.2
125 18.3 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.415 ng/ul
RT: 22.572 min Scan# 5651
Delta R.T. -0.010 min
Lab File: BM032979.D
Acq: 11 Nov 2021 07:44

Tgt Ion:252 Resp: 9454
Ion Ratio Lower Upper
252 100
253 31.2 23.1 34.7
125 19.3 14.6 21.8

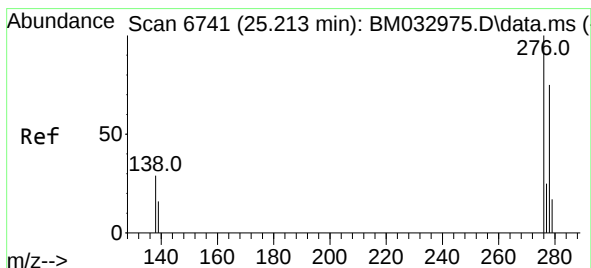
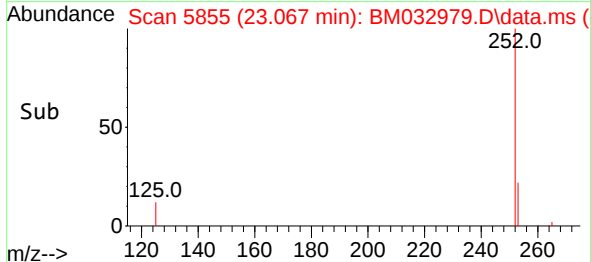
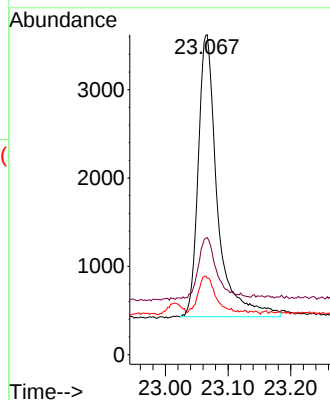
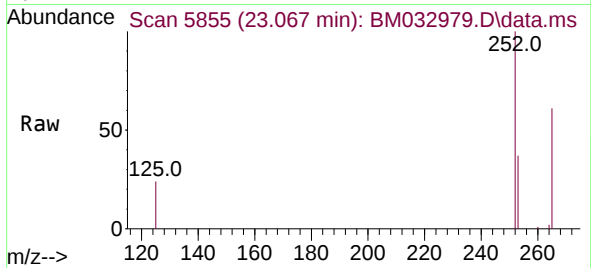




#26
Benzo(a)pyrene
Concen: 0.386 ng/ul
RT: 23.067 min Scan# 5855
Delta R.T. -0.006 min
Lab File: BM032979.D
Acq: 11 Nov 2021 07:44

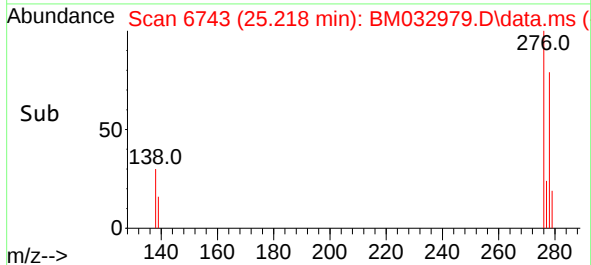
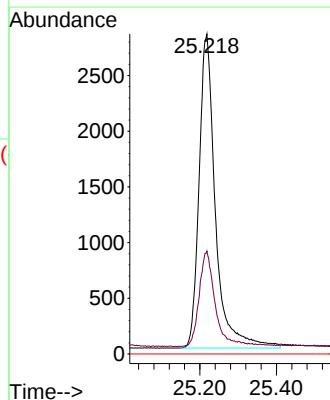
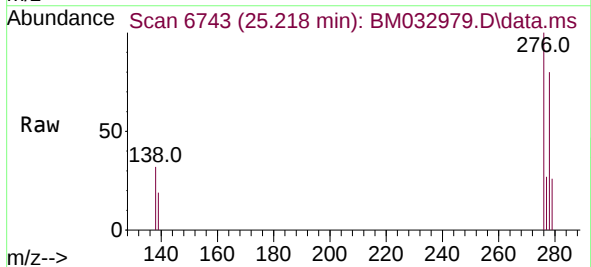
Instrument :
BNA_M
ClientSampleId :
SLCS355

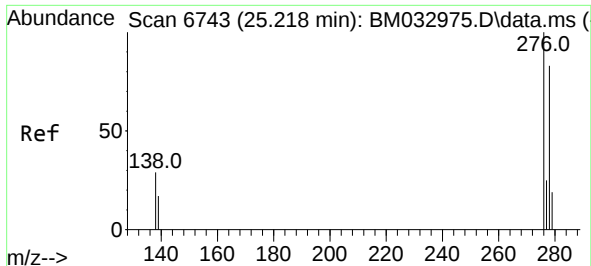
Tgt Ion:252 Resp: 6771
Ion Ratio Lower Upper
252 100
253 36.6 27.1 40.7
125 23.9 17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.414 ng/ul
RT: 25.218 min Scan# 6743
Delta R.T. -0.015 min
Lab File: BM032979.D
Acq: 11 Nov 2021 07:44

Tgt Ion:276 Resp: 8347
Ion Ratio Lower Upper
276 100
138 30.4 22.9 34.3
227 0.0 0.0 0.0

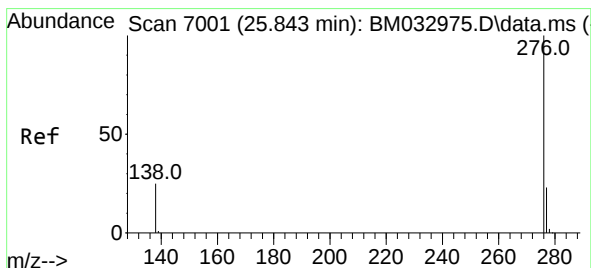
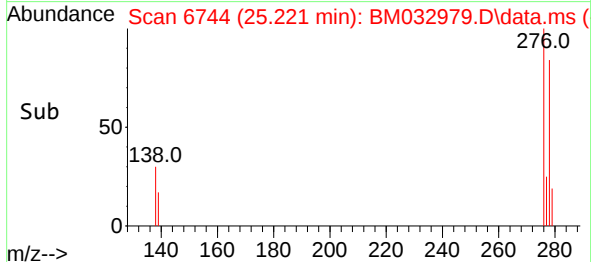
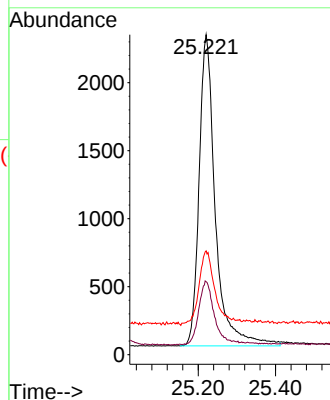
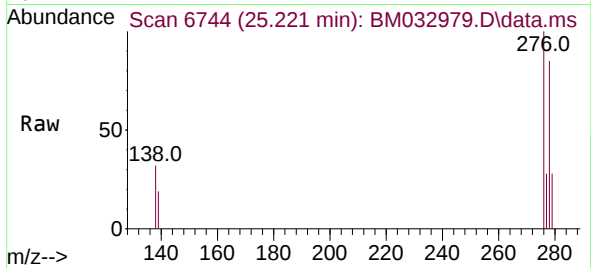




#28
Dibenzo(a,h)anthracene
Concen: 0.417 ng/ul
RT: 25.221 min Scan# 61
Delta R.T. -0.015 min
Lab File: BM032979.D
Acq: 11 Nov 2021 07:44

Instrument :
BNA_M
ClientSampleId :
SLCS355

Tgt Ion:278 Resp: 6665
Ion Ratio Lower Upper
278 100
139 22.8 18.2 27.2
279 32.4 24.6 36.8



#29
Benzo(g,h,i)perylene
Concen: 0.433 ng/ul
RT: 25.846 min Scan# 7002
Delta R.T. -0.015 min
Lab File: BM032979.D
Acq: 11 Nov 2021 07:44

Tgt Ion:276 Resp: 7587
Ion Ratio Lower Upper
276 100
138 27.7 22.2 33.2
277 26.4 21.0 31.4

