

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
 Data File : BM032277.D
 Acq On : 29 Sep 2021 18:13
 Operator : CG/JU
 Sample : PB139241BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS241

Quant Time: Sep 29 18:43:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 27 13:37:22 2021
 Response via : Initial Calibration

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

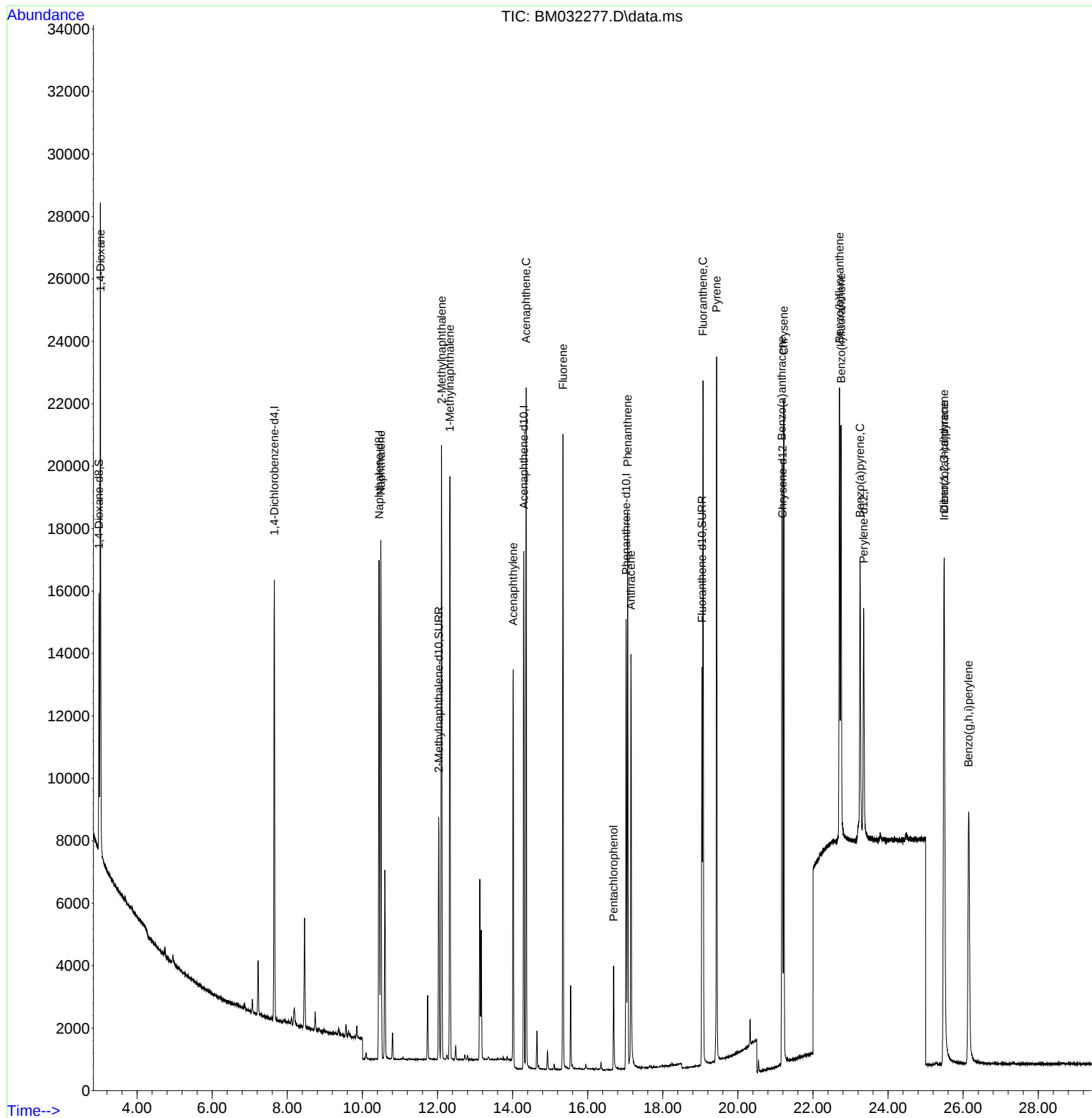
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.653	152	6497	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.447	136	19700	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.300	164	8440	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.022	188	14995	0.400	ng/ul	-0.01
17) Chrysene-d12	21.188	240	10854	0.400	ng/ul	0.00
23) Perylene-d12	23.349	264	8928	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.986	96	4757	0.681	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152	9280	0.354	ng/ul	-0.01
18) Fluoranthene-d10	19.042	212	12584	0.427	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.024	88	12690	1.766	ng/ul	90
5) Naphthalene	10.492	128	21138	0.362	ng/ul	100
7) 2-Methylnaphthalene	12.111	142	12936	0.346	ng/ul	99
8) 1-Methylnaphthalene	12.332	142	12124	0.332	ng/ul	100
10) Acenaphthylene	14.016	152	13384	0.396	ng/ul	100
11) Acenaphthene	14.361	153	11451	0.368	ng/ul	99
12) Fluorene	15.343	166	11845	0.335	ng/ul	99
14) Pentachlorophenol	16.693	266	2214	0.584	ng/ul	98
15) Phenanthrene	17.064	178	17398	0.356	ng/ul	99
16) Anthracene	17.154	178	14115	0.351	ng/ul	99
19) Fluoranthene	19.072	202	17591	0.388	ng/ul	97
20) Pyrene	19.435	202	17314	0.381	ng/ul	99
21) Benzo(a)anthracene	21.171	228	14238	0.371	ng/ul	99
22) Chrysene	21.222	228	16845	0.375	ng/ul	100
24) Benzo(b)fluoranthene	22.707	252	16746	0.362	ng/ul	93
25) Benzo(k)fluoranthene	22.748	252	16500	0.369	ng/ul#	93
26) Benzo(a)pyrene	23.254	252	12857	0.370	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.490	276	16907	0.380	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.495	278	13739	0.379	ng/ul	97
29) Benzo(g,h,i)perylene	26.145	276	16244	0.385	ng/ul	98

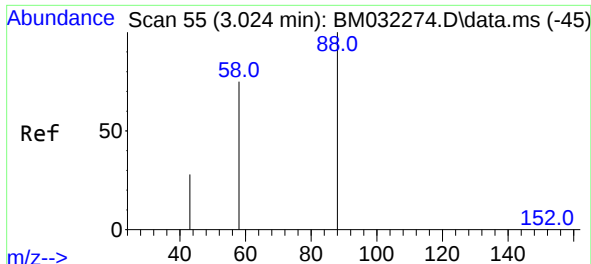
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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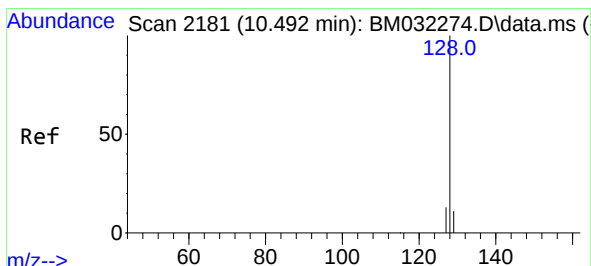
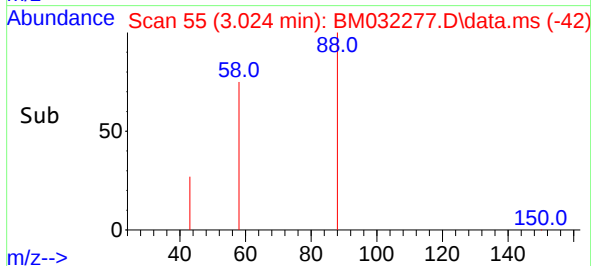
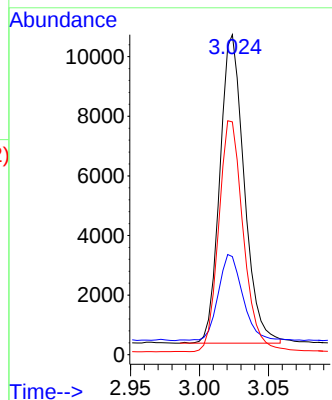
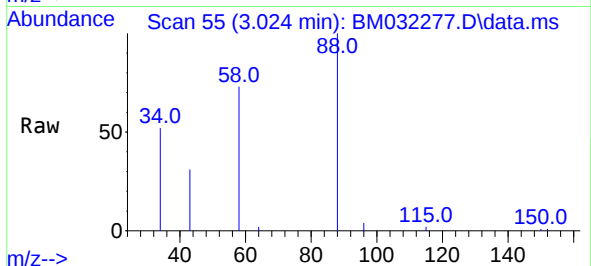




#2
1,4-Dioxane
Concen: 1.766 ng/ul
RT: 3.024 min Scan# 55
Delta R.T. -0.003 min
Lab File: BM032277.D
Acq: 29 Sep 2021 18:13

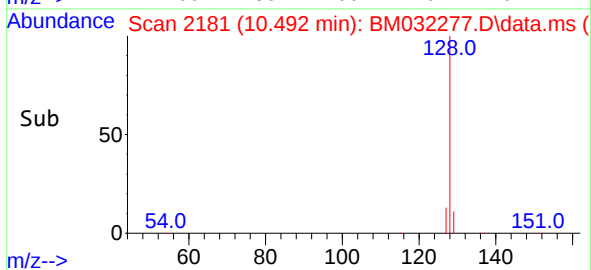
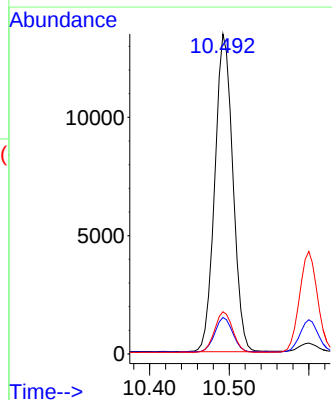
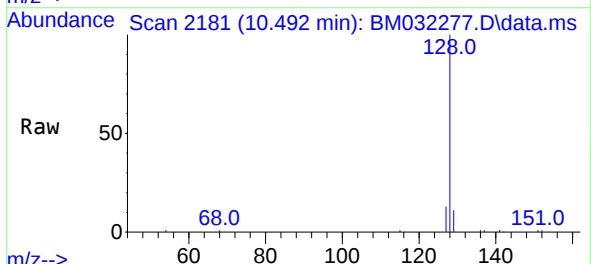
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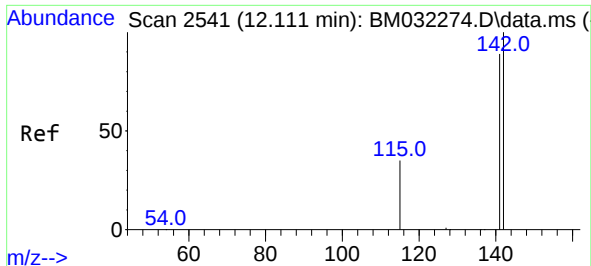
Tgt Ion: 88 Resp: 12690
Ion Ratio Lower Upper
88 100
43 30.6 26.1 39.1
58 72.8 50.2 75.2



#5
Naphthalene
Concen: 0.362 ng/ul
RT: 10.492 min Scan# 2181
Delta R.T. -0.013 min
Lab File: BM032277.D
Acq: 29 Sep 2021 18:13

Tgt Ion: 128 Resp: 21138
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.2 10.5 15.7

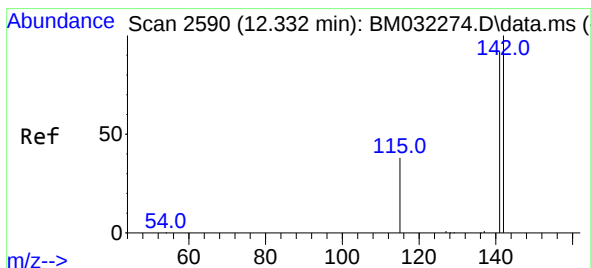
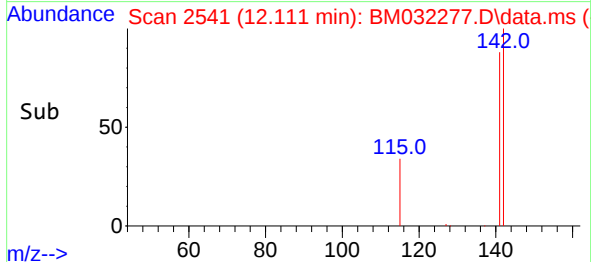
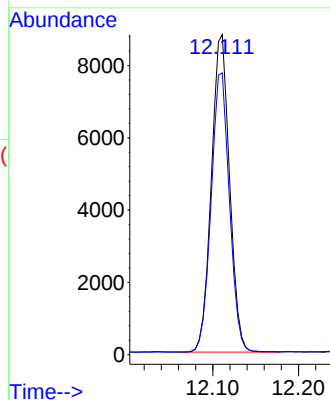
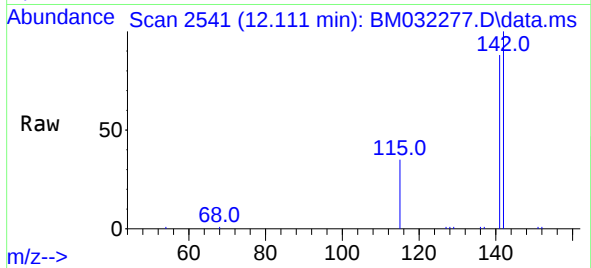




#7
2-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.111 min Scan# 2541
Delta R.T. -0.009 min
Lab File: BM032277.D
Acq: 29 Sep 2021 18:13

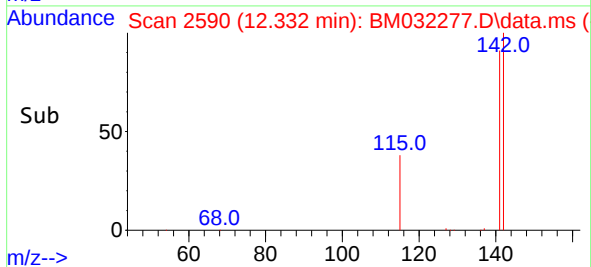
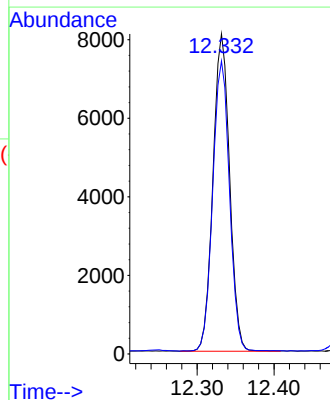
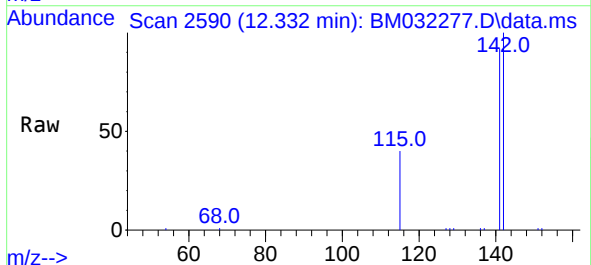
Instrument :
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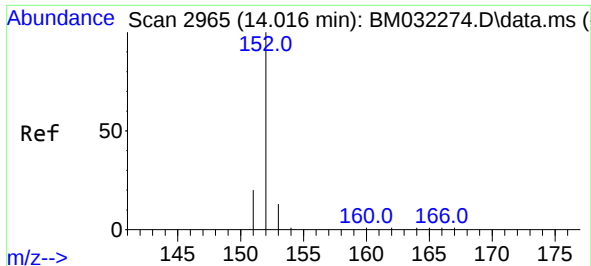
Tgt Ion:142 Resp: 12936
Ion Ratio Lower Upper
142 100
141 88.5 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.332 min Scan# 2590
Delta R.T. -0.009 min
Lab File: BM032277.D
Acq: 29 Sep 2021 18:13

Tgt Ion:142 Resp: 12124
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6

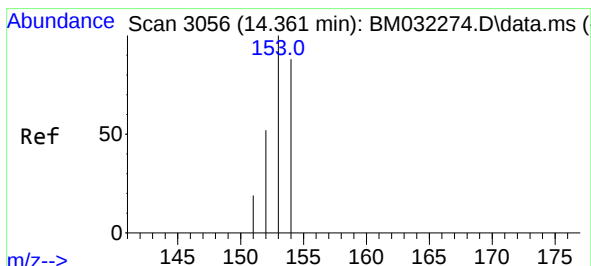
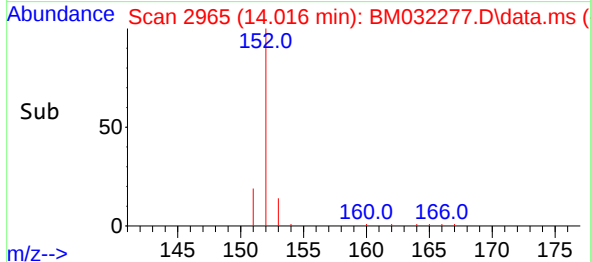
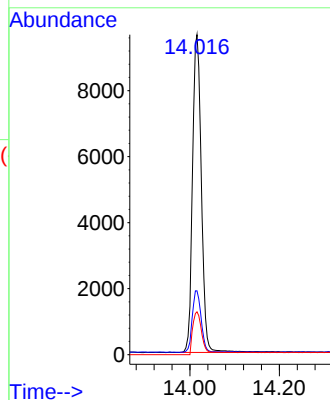
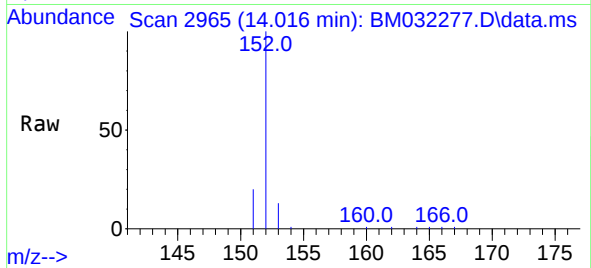




#10
Acenaphthylene
Concen: 0.396 ng/ul
RT: 14.016 min Scan# 2965
Delta R.T. -0.008 min
Lab File: BM032277.D
Acq: 29 Sep 2021 18:13

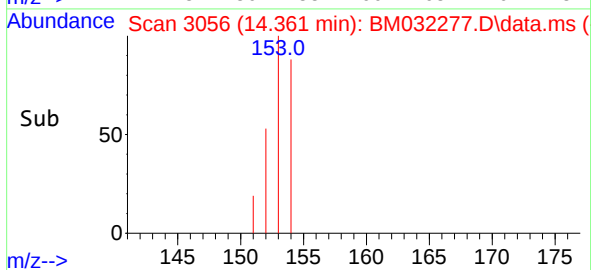
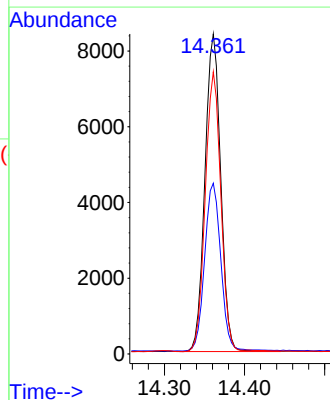
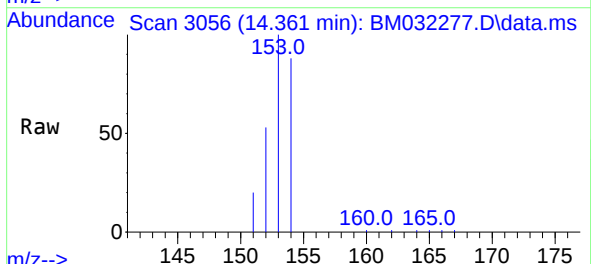
Instrument :
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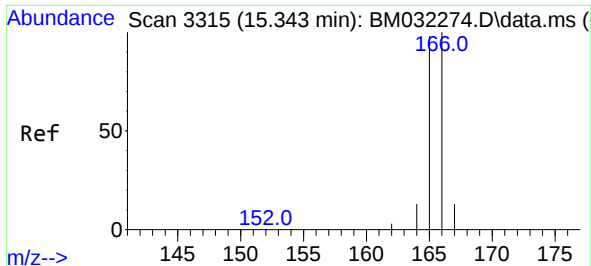
Tgt Ion:152 Resp: 13384
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.4 10.7 16.1



#11
Acenaphthene
Concen: 0.368 ng/ul
RT: 14.361 min Scan# 3056
Delta R.T. -0.008 min
Lab File: BM032277.D
Acq: 29 Sep 2021 18:13

Tgt Ion:153 Resp: 11451
Ion Ratio Lower Upper
153 100
152 53.4 41.6 62.4
154 88.1 71.2 106.8

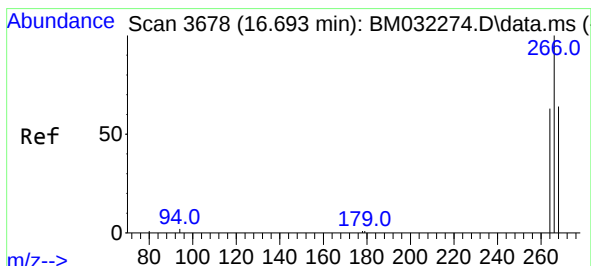
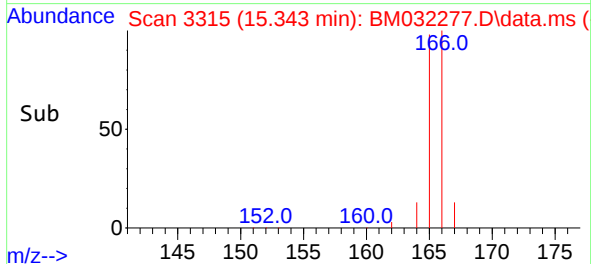
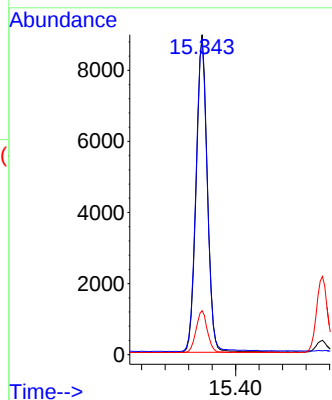
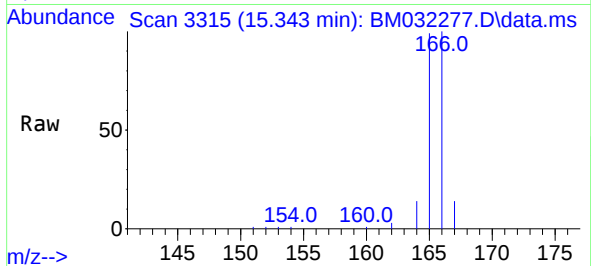




#12
Fluorene
Concen: 0.335 ng/ul
RT: 15.343 min Scan# 3315
Delta R.T. -0.008 min
Lab File: BM032277.D
Acq: 29 Sep 2021 18:13

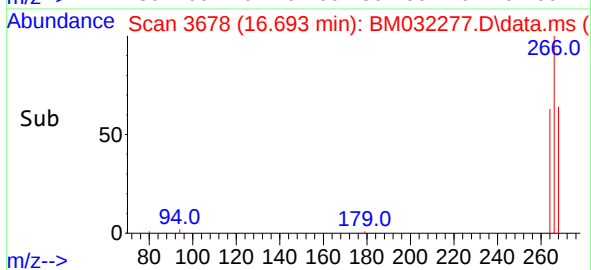
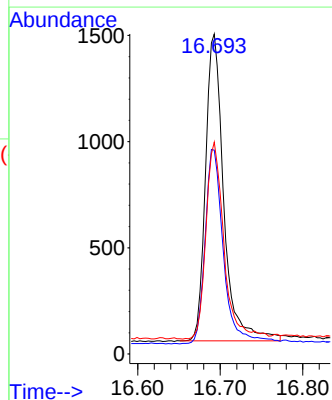
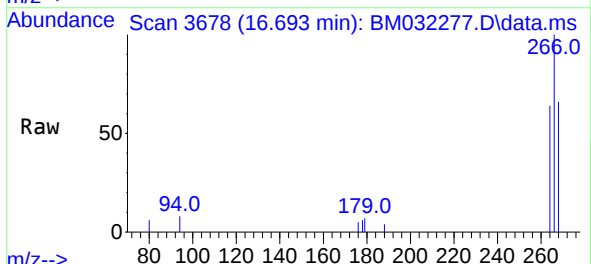
Instrument :
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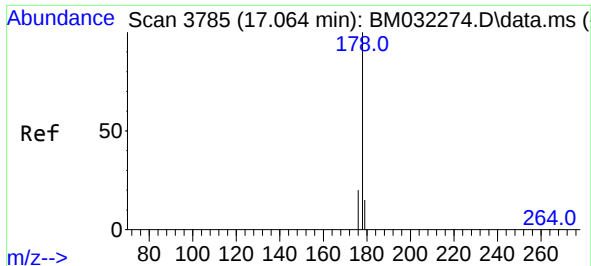
Tgt Ion:	166	Resp:	11845
Ion Ratio	Lower	Upper	
166	100		
165	98.7	79.4	119.2
167	13.7	10.8	16.2



#14
Pentachlorophenol
Concen: 0.584 ng/ul
RT: 16.693 min Scan# 3678
Delta R.T. -0.007 min
Lab File: BM032277.D
Acq: 29 Sep 2021 18:13

Tgt Ion:	266	Resp:	2214
Ion Ratio	Lower	Upper	
266	100		
264	64.2	49.8	74.8
268	63.8	50.4	75.6

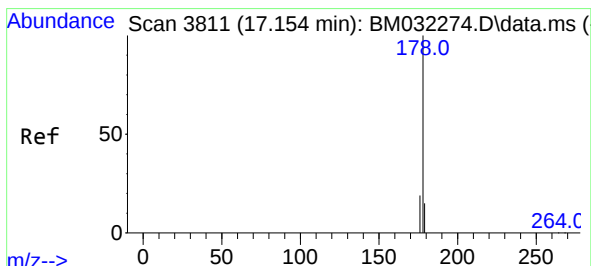
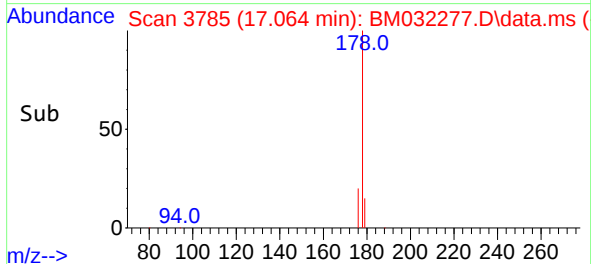
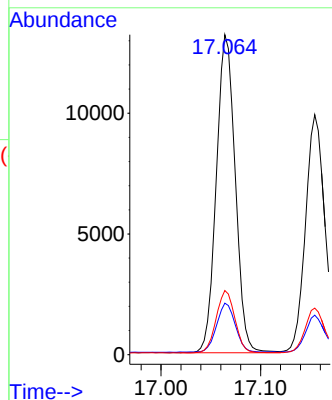
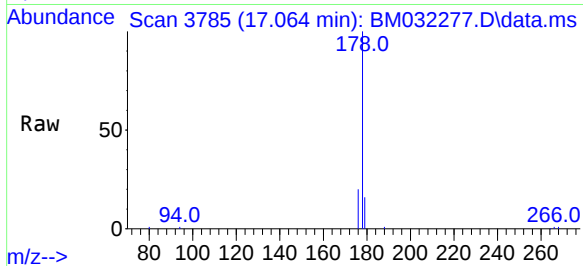




#15
Phenanthrene
Concen: 0.356 ng/ul
RT: 17.064 min Scan# 3785
Delta R.T. -0.010 min
Lab File: BM032277.D
Acq: 29 Sep 2021 18:13

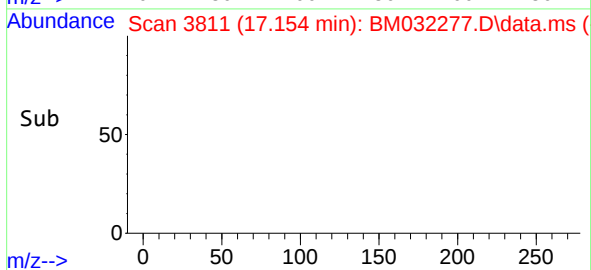
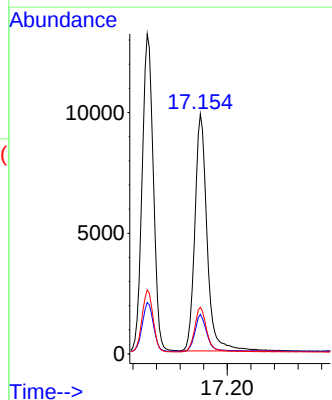
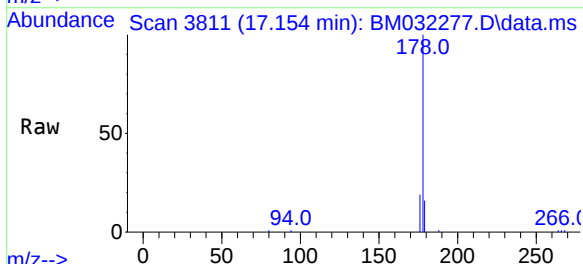
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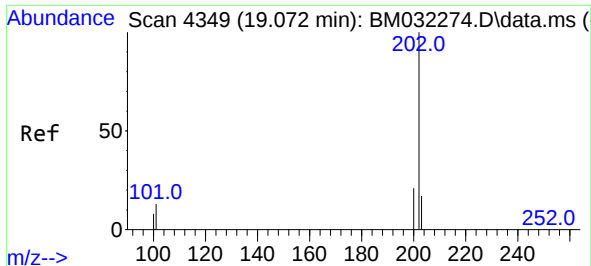
Tgt Ion:	178	Resp:	17398
Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	18.8
176	20.0	15.8	23.6



#16
Anthracene
Concen: 0.351 ng/ul
RT: 17.154 min Scan# 3811
Delta R.T. -0.010 min
Lab File: BM032277.D
Acq: 29 Sep 2021 18:13

Tgt Ion:	178	Resp:	14115
Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.7	19.1
176	19.4	15.3	22.9

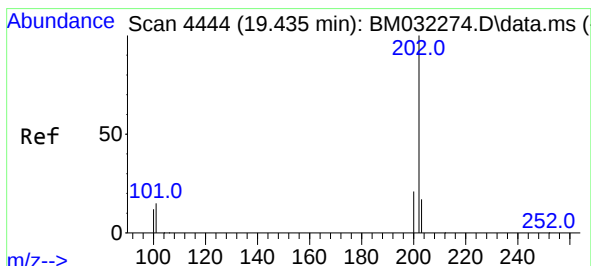
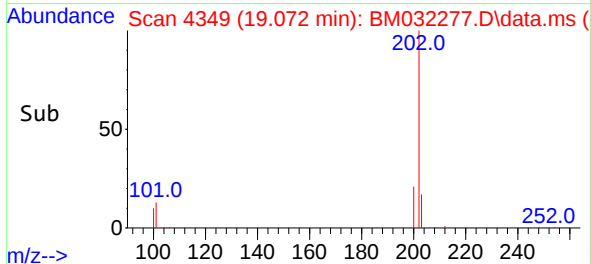
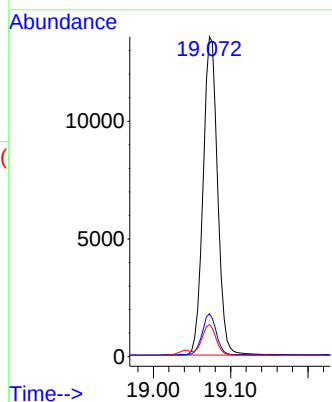
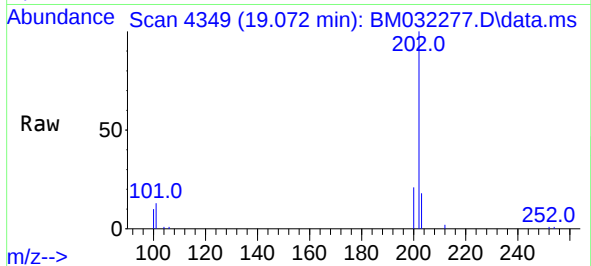




#19
Fluoranthene
Concen: 0.388 ng/u1
RT: 19.072 min Scan# 4349
Delta R.T. -0.011 min
Lab File: BM032277.D
Acq: 29 Sep 2021 18:13

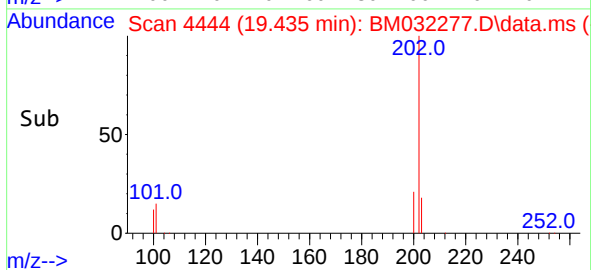
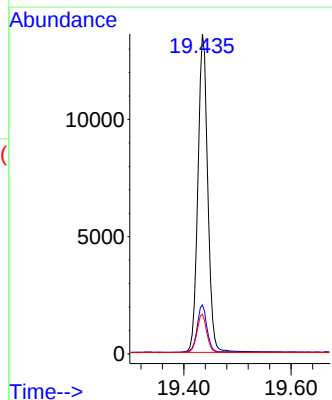
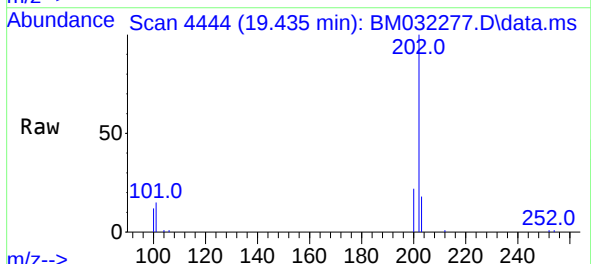
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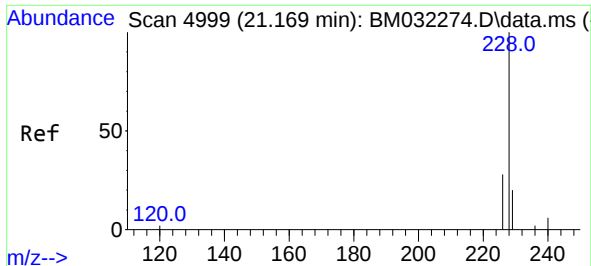
Tgt Ion:202	Resp:	17591
Ion Ratio	Lower	Upper
202	100	
101	13.4	9.8 14.8
100	10.0	7.2 10.8



#20
Pyrene
Concen: 0.381 ng/u1
RT: 19.435 min Scan# 4444
Delta R.T. -0.008 min
Lab File: BM032277.D
Acq: 29 Sep 2021 18:13

Tgt Ion:202	Resp:	17314
Ion Ratio	Lower	Upper
202	100	
101	15.3	12.1 18.1
100	12.4	9.8 14.6

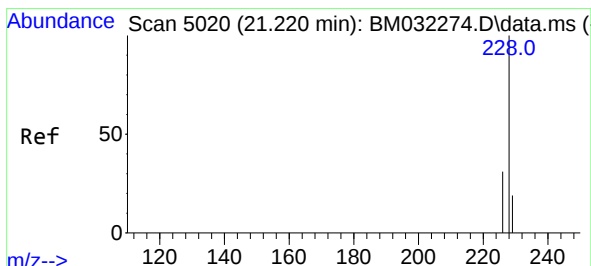
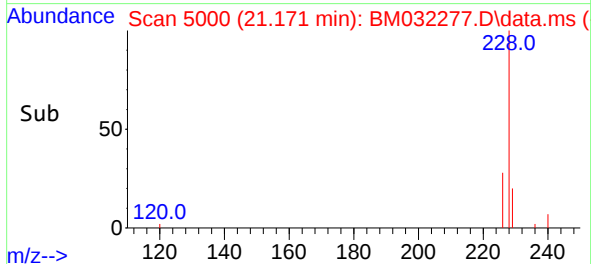
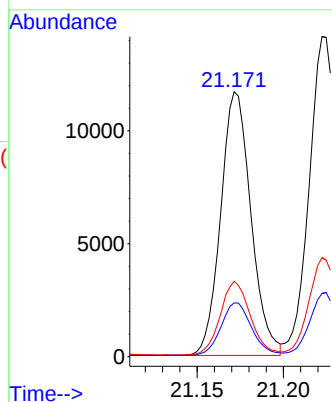
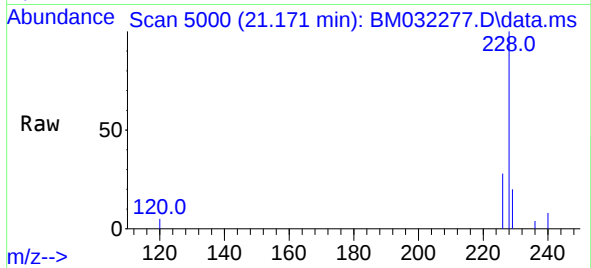




#21
Benzo(a)anthracene
Concen: 0.371 ng/ul
RT: 21.171 min Scan# 5000
Delta R.T. -0.007 min
Lab File: BM032277.D
Acq: 29 Sep 2021 18:13

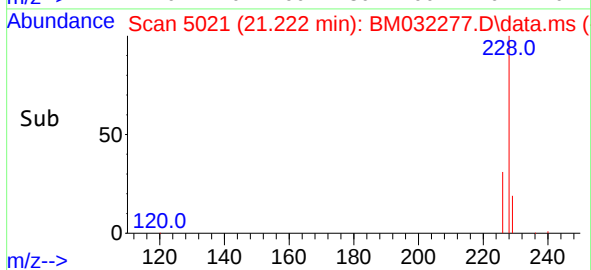
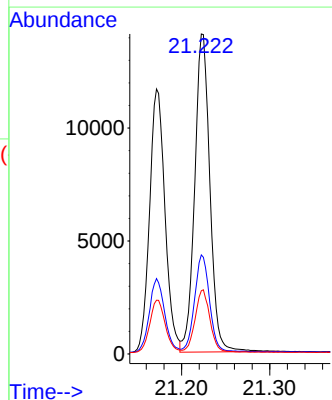
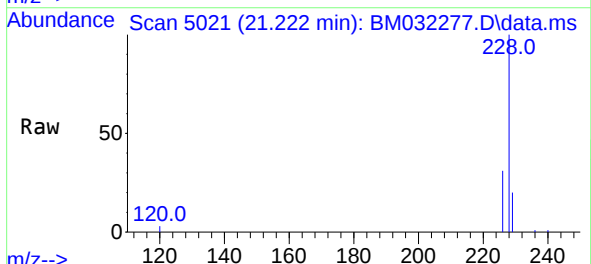
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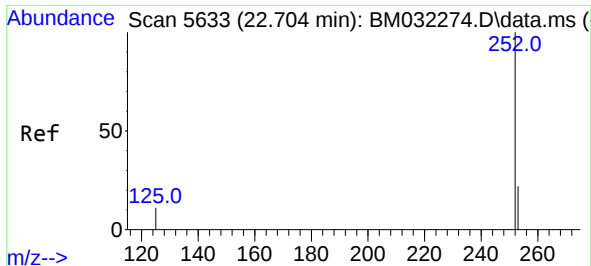
Tgt Ion:228	Resp:	14238
Ion Ratio	Lower	Upper
228	100	
229	20.3	16.0 24.0
226	28.4	22.3 33.5



#22
Chrysene
Concen: 0.375 ng/ul
RT: 21.222 min Scan# 5021
Delta R.T. -0.007 min
Lab File: BM032277.D
Acq: 29 Sep 2021 18:13

Tgt Ion:228	Resp:	16845
Ion Ratio	Lower	Upper
228	100	
226	31.0	24.6 37.0
229	19.8	15.6 23.4

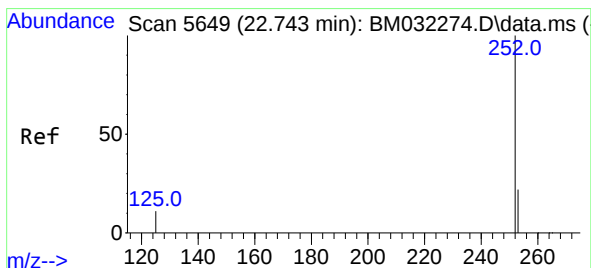
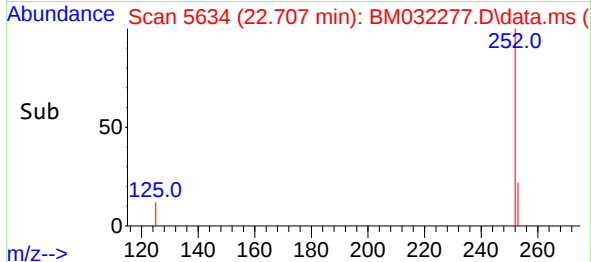
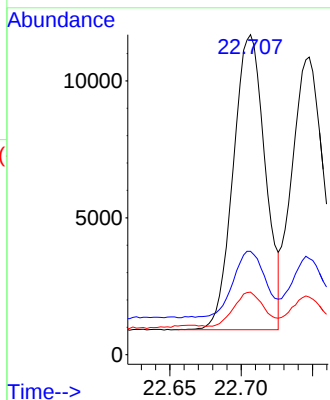
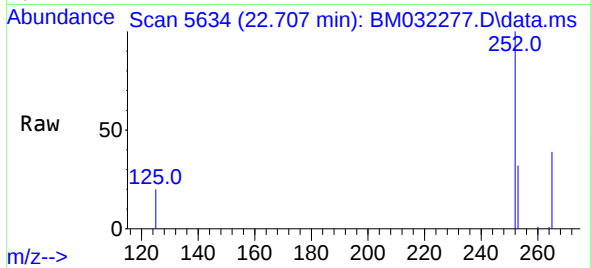




#24
Benzo(b)fluoranthene
Concen: 0.362 ng/ul
RT: 22.707 min Scan# 5634
Delta R.T. -0.007 min
Lab File: BM032277.D
Acq: 29 Sep 2021 18:13

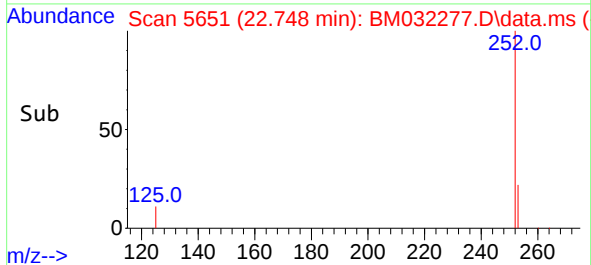
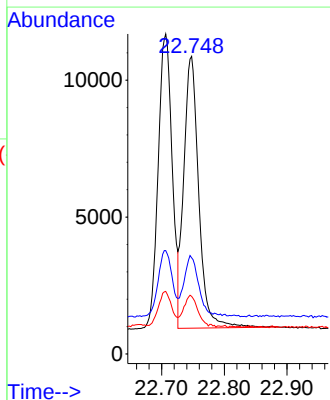
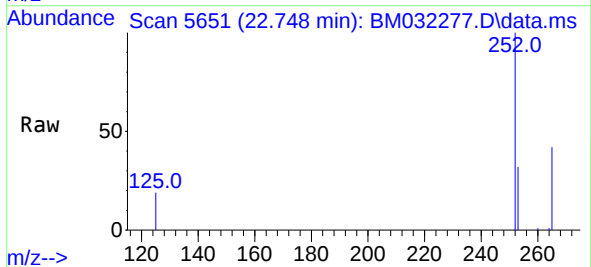
Instrument :
BNA_M
ClientSampleId :
SLCS241

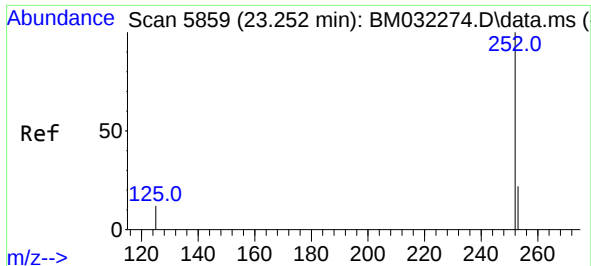
Tgt Ion:252 Resp: 16746
Ion Ratio Lower Upper
252 100
253 32.3 0.0 58.0
125 19.6 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.369 ng/ul
RT: 22.748 min Scan# 5651
Delta R.T. -0.007 min
Lab File: BM032277.D
Acq: 29 Sep 2021 18:13

Tgt Ion:252 Resp: 16500
Ion Ratio Lower Upper
252 100
253 32.3 22.9 34.3
125 19.3 12.9 19.3#

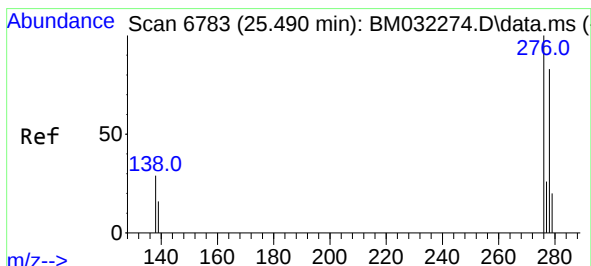
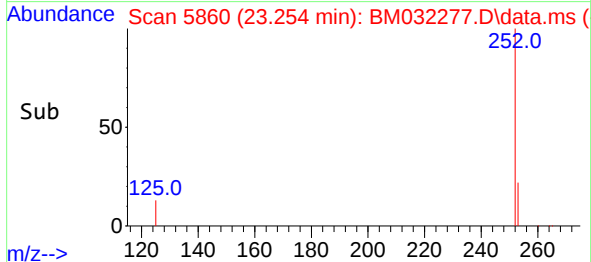
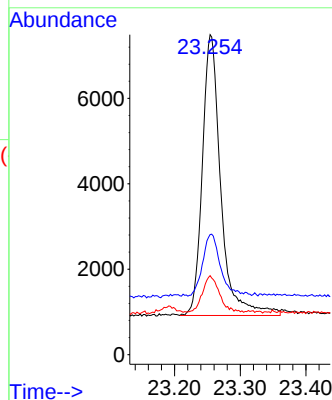
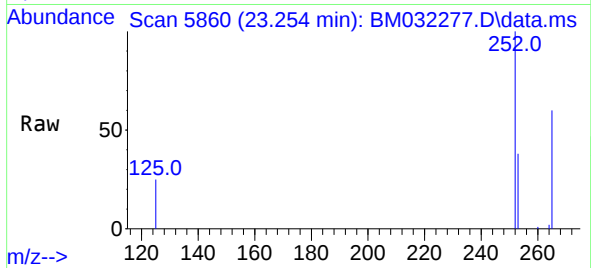




#26
Benzo(a)pyrene
Concen: 0.370 ng/ul
RT: 23.254 min Scan# 5860
Delta R.T. -0.010 min
Lab File: BM032277.D
Acq: 29 Sep 2021 18:13

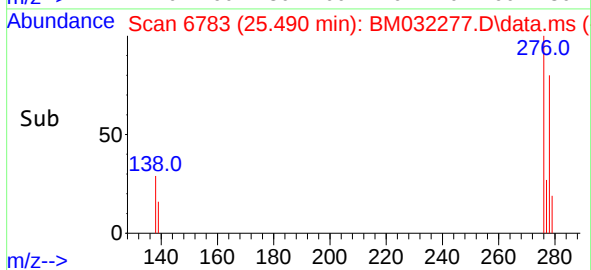
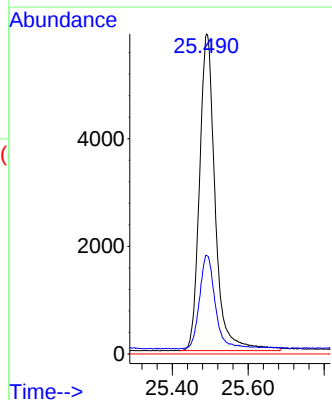
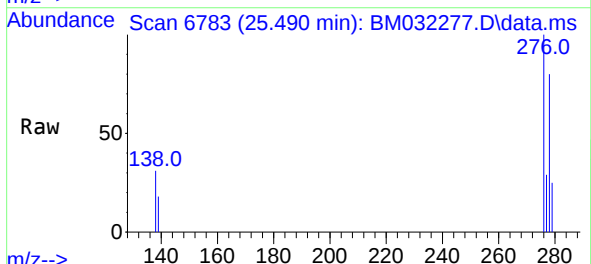
Instrument :
BNA_M
ClientSampleId :
SLCS241

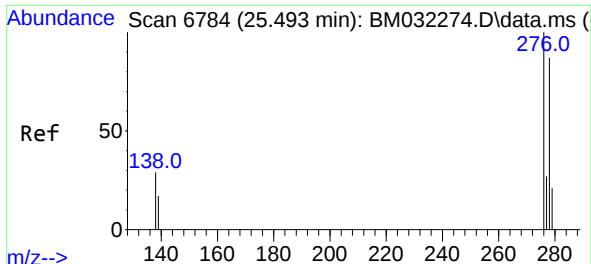
Tgt Ion:252	Resp:	12857
Ion Ratio	Lower	Upper
252	100	
253	37.5	25.8 38.8
125	24.7	15.4 23.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng/ul
RT: 25.490 min Scan# 6783
Delta R.T. -0.015 min
Lab File: BM032277.D
Acq: 29 Sep 2021 18:13

Tgt Ion:276	Resp:	16907
Ion Ratio	Lower	Upper
276	100	
138	29.8	24.3 36.5
227	0.0	0.0 0.0

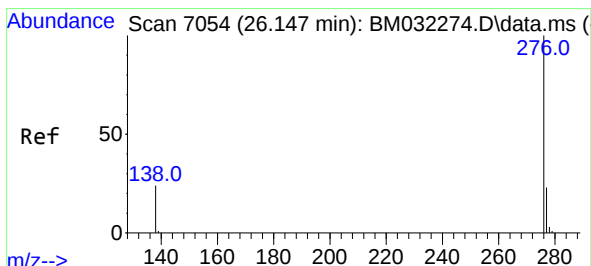
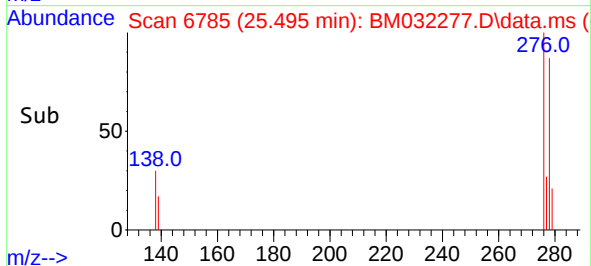
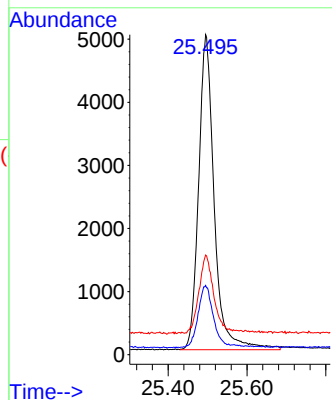
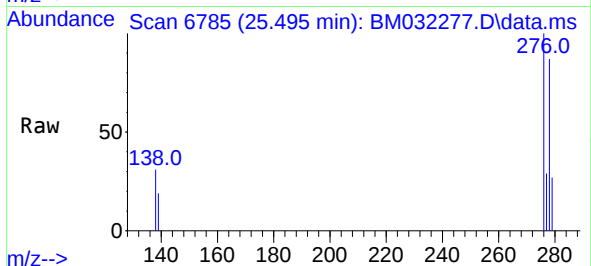




#28
Dibenzo(a,h)anthracene
Concen: 0.379 ng/ul
RT: 25.495 min Scan# 6785
Delta R.T. -0.015 min
Lab File: BM032277.D
Acq: 29 Sep 2021 18:13

Instrument :
BNA_M
ClientSampleId :
SLCS241

Tgt Ion:278 Resp: 13739
Ion Ratio Lower Upper
278 100
139 21.6 16.6 24.8
279 31.2 23.0 34.6



#29
Benzo(g,h,i)perylene
Concen: 0.385 ng/ul
RT: 26.145 min Scan# 7053
Delta R.T. -0.019 min
Lab File: BM032277.D
Acq: 29 Sep 2021 18:13

Tgt Ion:276 Resp: 16244
Ion Ratio Lower Upper
276 100
138 26.7 21.0 31.4
277 26.0 19.8 29.8

