

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
 Data File : BM032229.D
 Acq On : 28 Sep 2021 06:22
 Operator : CG/JU
 Sample : PB139379BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS379

Quant Time: Sep 28 07:25:37 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)

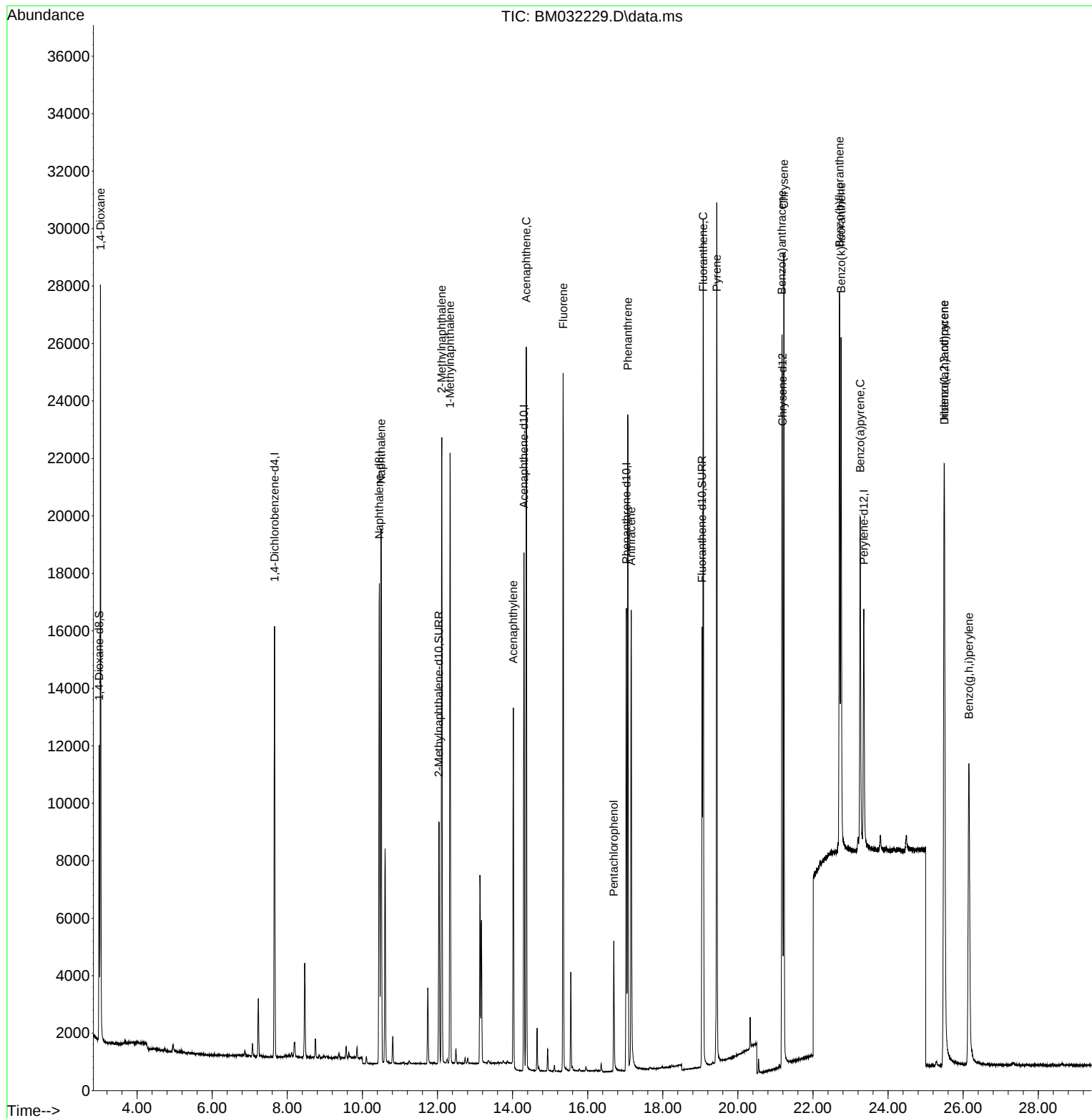
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	7030	0.400	ng/ul	0.00
4) Naphthalene-d8	10.452	136	20643	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.304	164	9101	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.029	188	17195	0.400	ng/ul	0.00
17) Chrysene-d12	21.188	240	13145	0.400	ng/ul	0.00
23) Perylene-d12	23.353	264	10364	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.989	96	5812	0.769	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.039	152	10281	0.374	ng/ul	0.00
18) Fluoranthene-d10	19.046	212	15488	0.434	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.027	88	16117	2.073	ng/ul	91
5) Naphthalene	10.501	128	24009	0.392	ng/ul	99
7) 2-Methylnaphthalene	12.116	142	14538	0.371	ng/ul	100
8) 1-Methylnaphthalene	12.336	142	13825	0.361	ng/ul	99
10) Acenaphthylene	14.020	152	13835	0.379	ng/ul	100
11) Acenaphthene	14.365	153	13351	0.398	ng/ul	99
12) Fluorene	15.347	166	14405	0.378	ng/ul	99
14) Pentachlorophenol	16.696	266	2949	0.678	ng/ul	99
15) Phenanthrene	17.068	178	22181	0.396	ng/ul	100
16) Anthracene	17.158	178	17676	0.383	ng/ul	99
19) Fluoranthene	19.076	202	23213	0.423	ng/ul	97
20) Pyrene	19.438	202	23338	0.424	ng/ul	100
21) Benzo(a)anthracene	21.174	228	18809	0.405	ng/ul	100
22) Chrysene	21.225	228	22695	0.417	ng/ul	100
24) Benzo(b)fluoranthene	22.707	252	22639	0.421	ng/ul	96
25) Benzo(k)fluoranthene	22.750	252	22185	0.427	ng/ul	96
26) Benzo(a)pyrene	23.259	252	16798	0.416	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.493	276	22146	0.429	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.500	278	18263	0.435	ng/ul	97
29) Benzo(g,h,i)perylene	26.152	276	21077	0.431	ng/ul	99

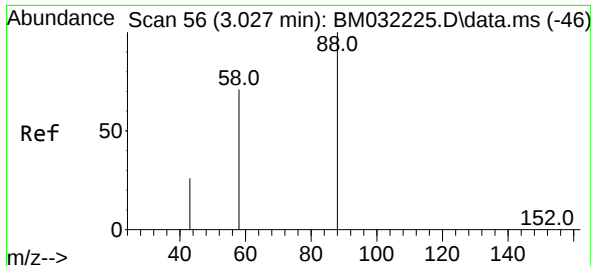
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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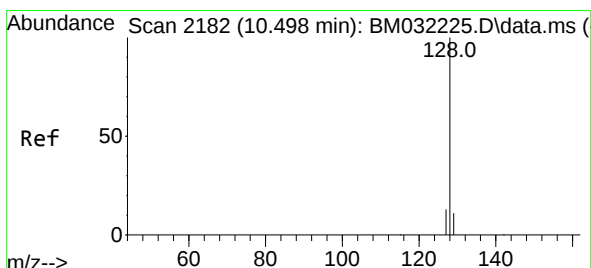
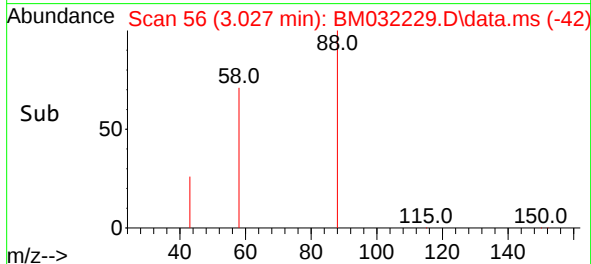
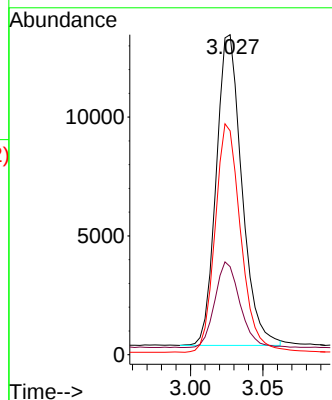
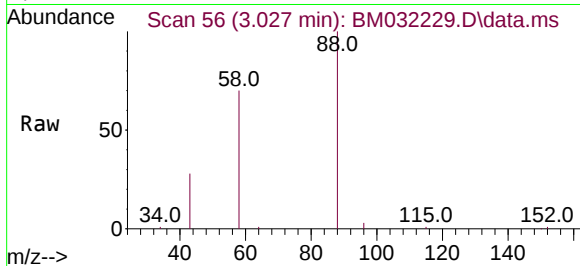




#2
1,4-Dioxane
Concen: 2.073 ng/ul
RT: 3.027 min Scan# 56
Delta R.T. 0.000 min
Lab File: BM032229.D
Acq: 28 Sep 2021 06:22

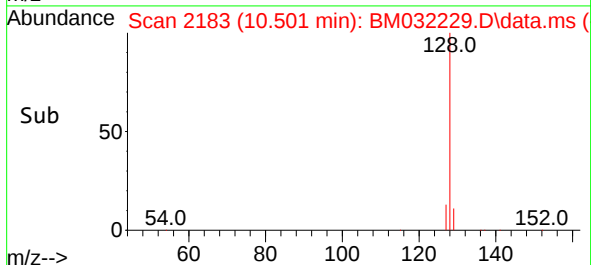
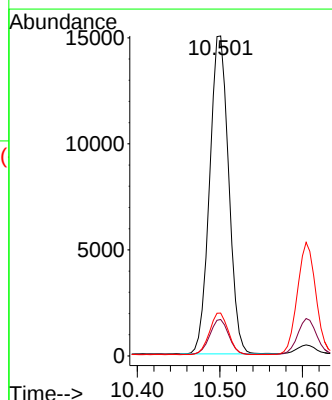
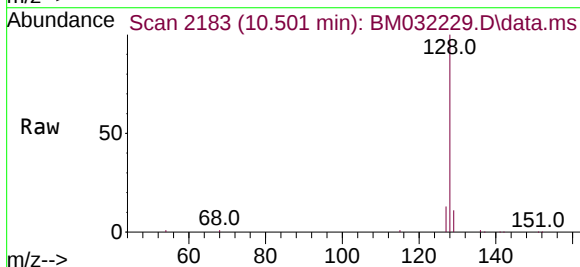
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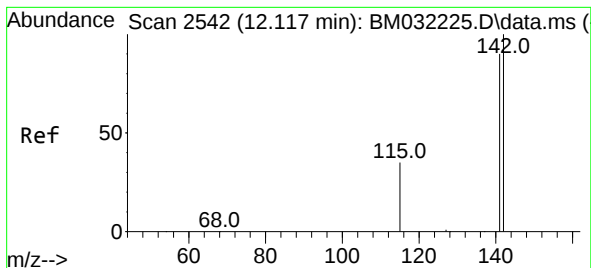
Tgt Ion: 88	Resp: 16117
Ion Ratio	Lower Upper
88 100	
43 27.5	26.1 39.1
58 69.9	50.2 75.2



#5
Naphthalene
Concen: 0.392 ng/ul
RT: 10.501 min Scan# 2183
Delta R.T. -0.005 min
Lab File: BM032229.D
Acq: 28 Sep 2021 06:22

Tgt Ion: 128	Resp: 24009
Ion Ratio	Lower Upper
128 100	
129 11.4	9.0 13.4
127 13.4	10.5 15.7

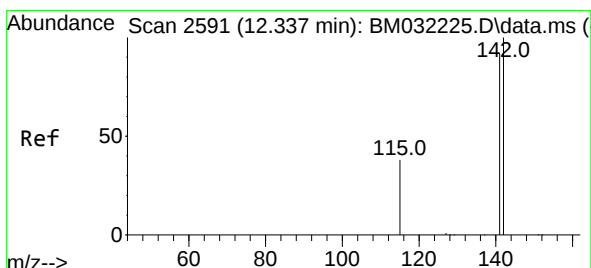
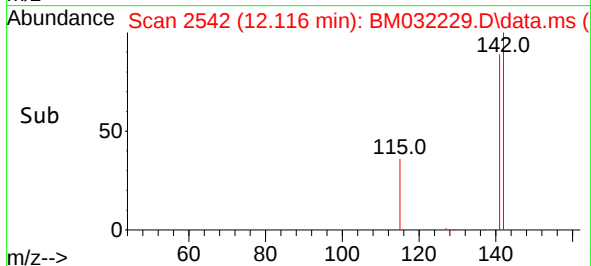
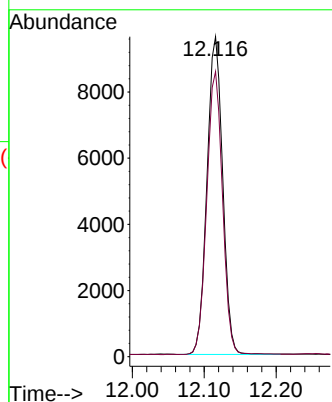
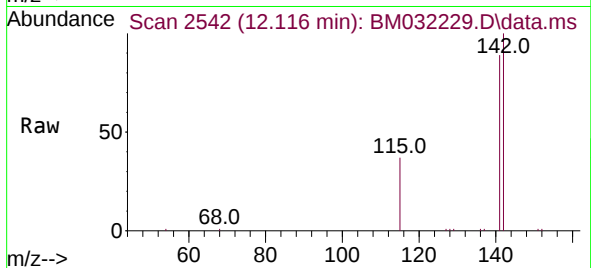




#7
2-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.116 min Scan# 2542
Delta R.T. -0.005 min
Lab File: BM032229.D
Acq: 28 Sep 2021 06:22

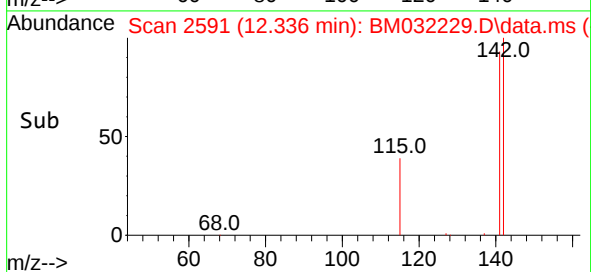
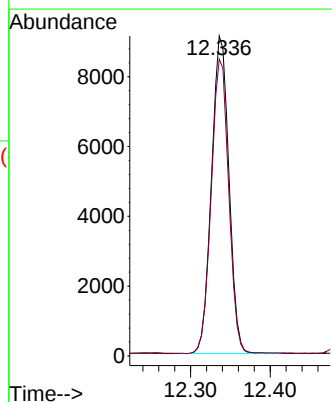
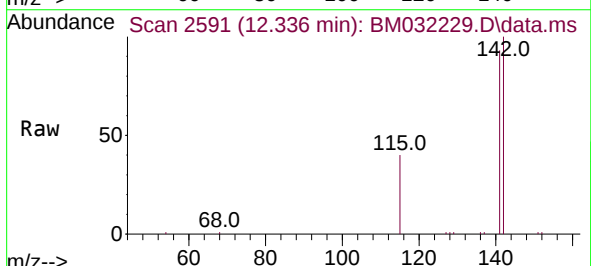
Instrument :
BNA_M
ClientSampled :
SLCS379

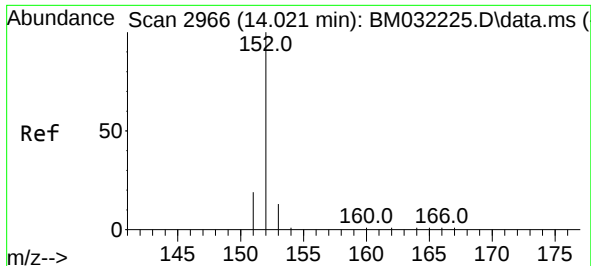
Tgt Ion:142 Resp: 14538
Ion Ratio Lower Upper
142 100
141 89.3 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.336 min Scan# 2591
Delta R.T. -0.005 min
Lab File: BM032229.D
Acq: 28 Sep 2021 06:22

Tgt Ion:142 Resp: 13825
Ion Ratio Lower Upper
142 100
141 92.8 73.8 110.6

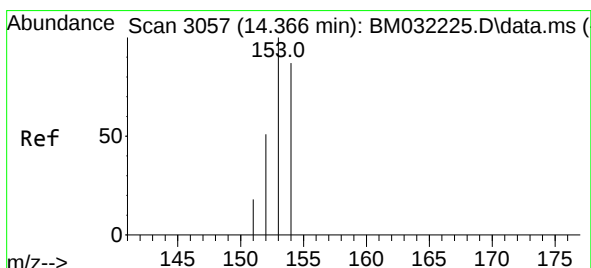
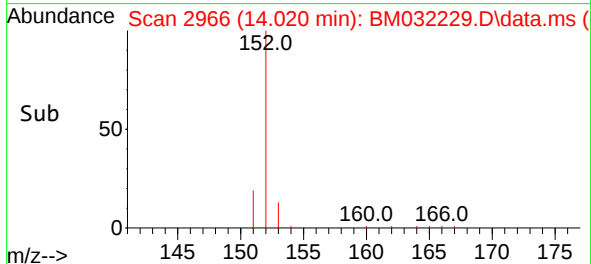
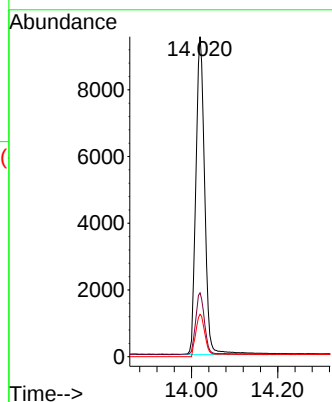
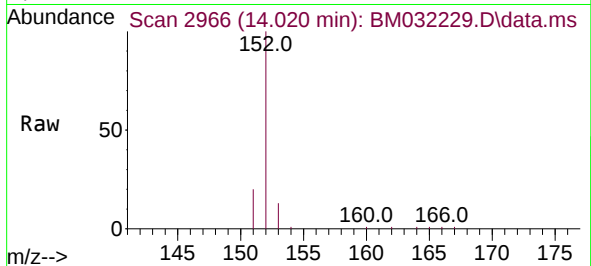




#10
Acenaphthylene
Concen: 0.379 ng/ul
RT: 14.020 min Scan# 2966
Delta R.T. -0.004 min
Lab File: BM032229.D
Acq: 28 Sep 2021 06:22

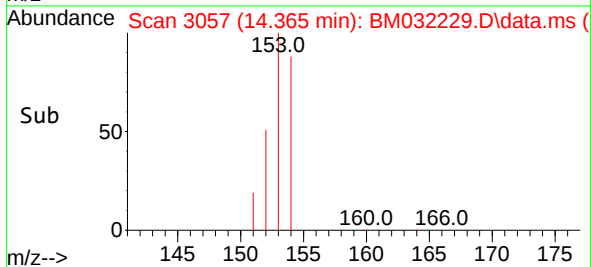
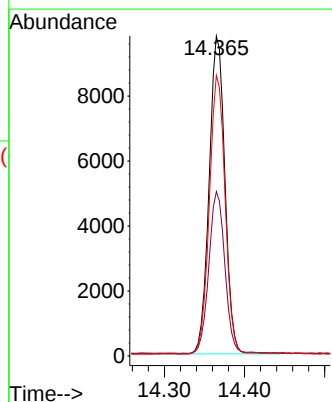
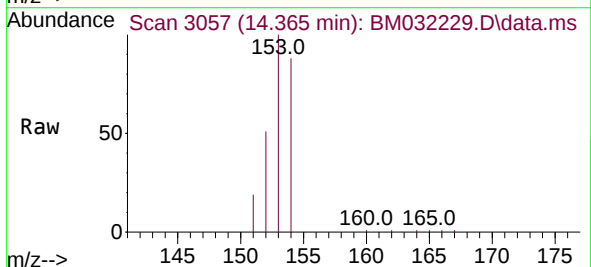
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BNA_M
ClientSampleId :
SLCS379

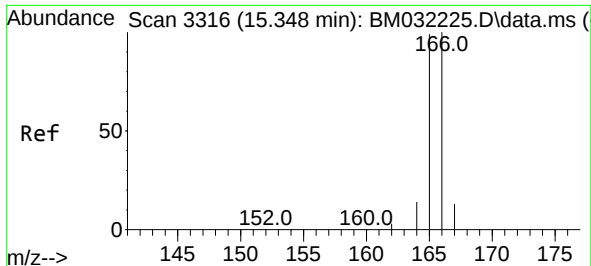
Tgt Ion:152	Resp:	13835
Ion Ratio	Lower	Upper
152	100	
151	20.0	16.0 24.0
153	13.2	10.7 16.1



#11
Acenaphthene
Concen: 0.398 ng/ul
RT: 14.365 min Scan# 3057
Delta R.T. -0.004 min
Lab File: BM032229.D
Acq: 28 Sep 2021 06:22

Tgt Ion:153	Resp:	13351
Ion Ratio	Lower	Upper
153	100	
152	51.4	41.6 62.4
154	87.7	71.2 106.8

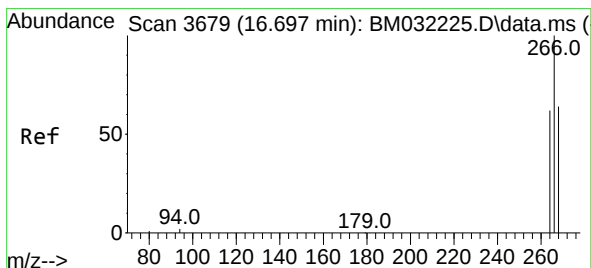
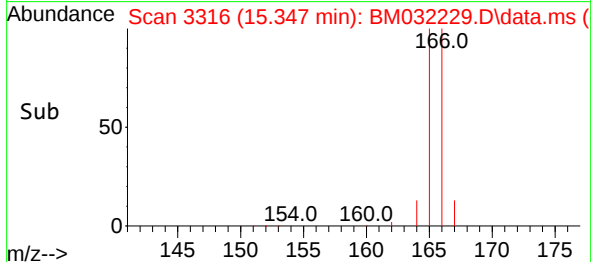
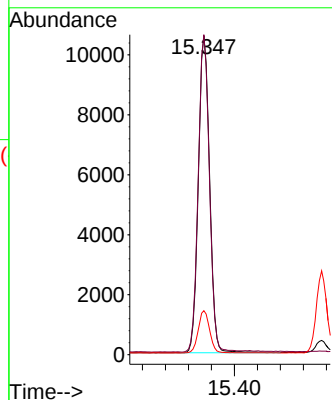
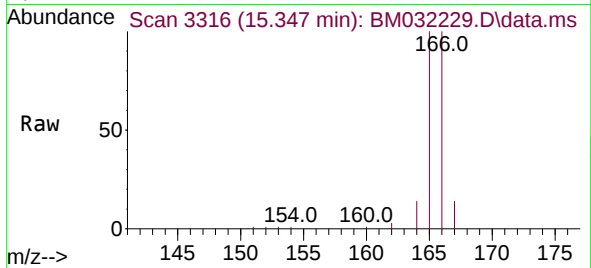




#12
Fluorene
Concen: 0.378 ng/ul
RT: 15.347 min Scan# 3316
Delta R.T. -0.004 min
Lab File: BM032229.D
Acq: 28 Sep 2021 06:22

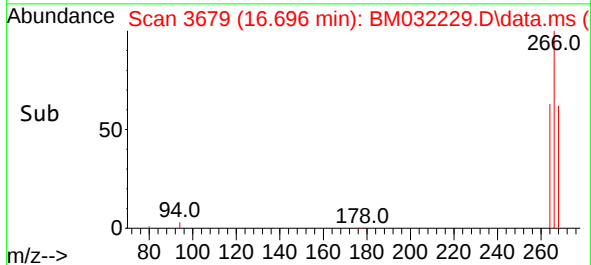
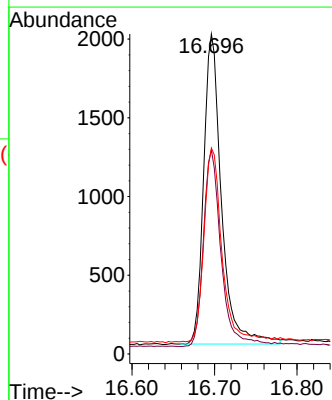
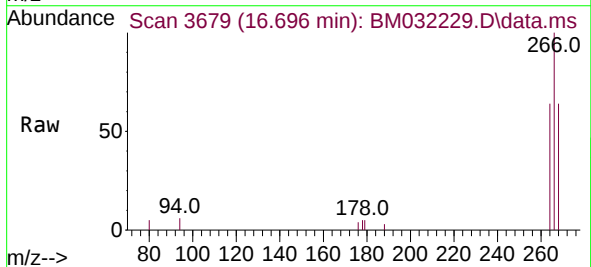
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ClientSampleId :
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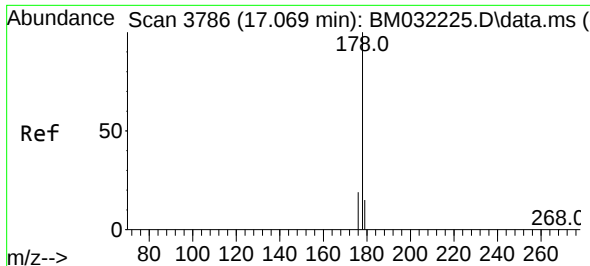
Tgt Ion:166 Resp: 14405
Ion Ratio Lower Upper
166 100
165 100.3 79.4 119.2
167 13.8 10.8 16.2



#14
Pentachlorophenol
Concen: 0.678 ng/ul
RT: 16.696 min Scan# 3679
Delta R.T. -0.003 min
Lab File: BM032229.D
Acq: 28 Sep 2021 06:22

Tgt Ion:266 Resp: 2949
Ion Ratio Lower Upper
266 100
264 63.4 49.8 74.8
268 63.8 50.4 75.6

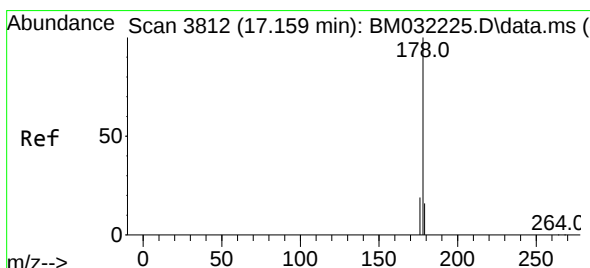
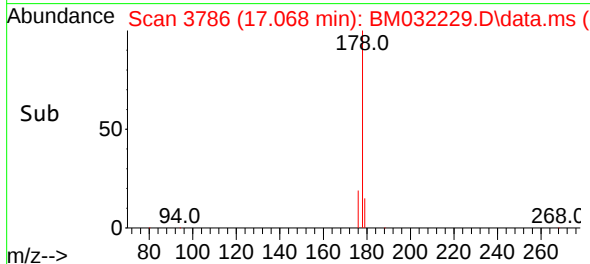
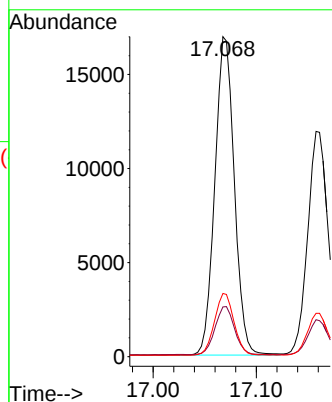
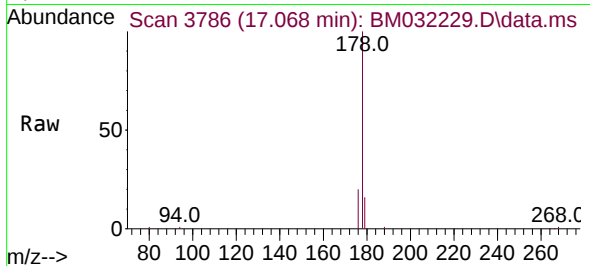




#15
Phenanthrene
Concen: 0.396 ng/ul
RT: 17.068 min Scan# 3786
Delta R.T. -0.007 min
Lab File: BM032229.D
Acq: 28 Sep 2021 06:22

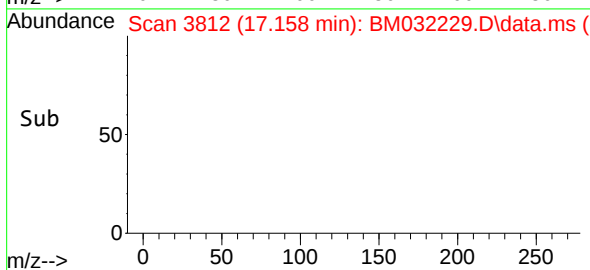
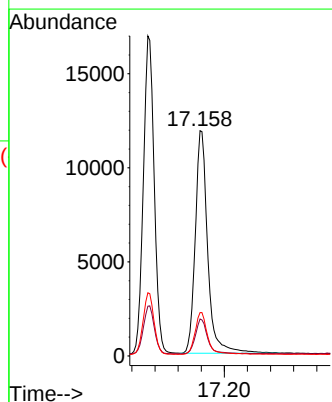
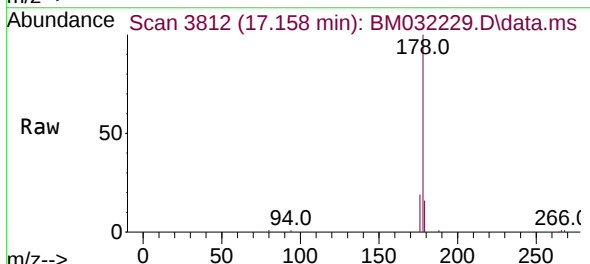
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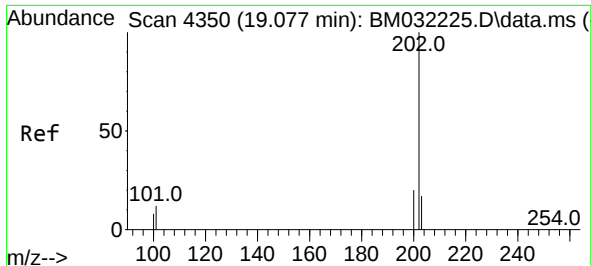
Tgt Ion:178	Resp:	22181
Ion Ratio	Lower	Upper
178	100	
179	15.5	12.6 18.8
176	19.8	15.8 23.6



#16
Anthracene
Concen: 0.383 ng/ul
RT: 17.158 min Scan# 3812
Delta R.T. -0.007 min
Lab File: BM032229.D
Acq: 28 Sep 2021 06:22

Tgt Ion:178	Resp:	17676
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.7 19.1
176	19.3	15.3 22.9

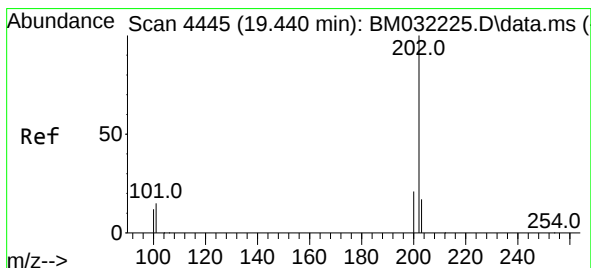
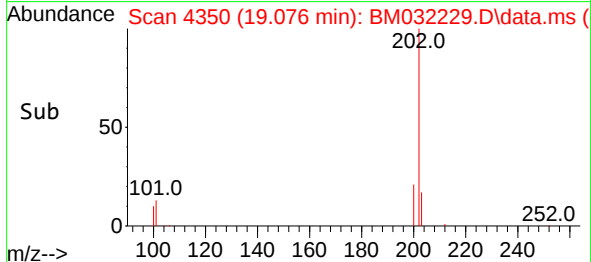
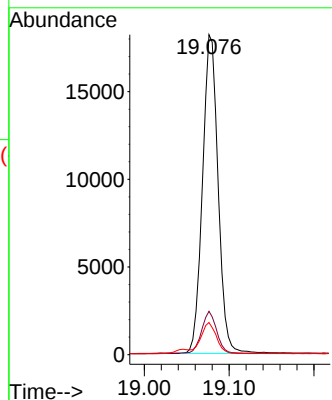
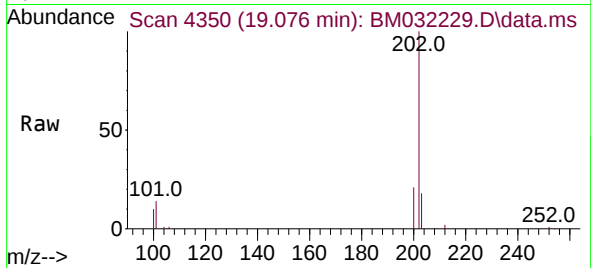




#19
Fluoranthene
Concen: 0.423 ng/ul
RT: 19.076 min Scan# 4350
Delta R.T. -0.008 min
Lab File: BM032229.D
Acq: 28 Sep 2021 06:22

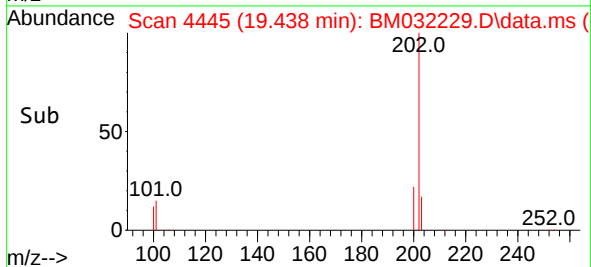
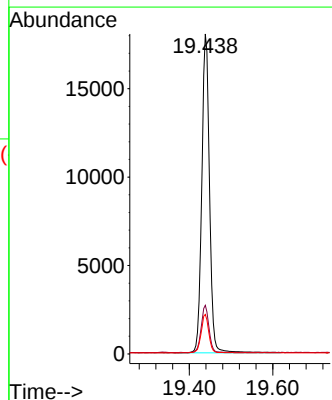
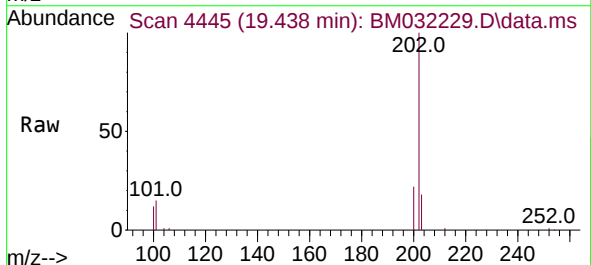
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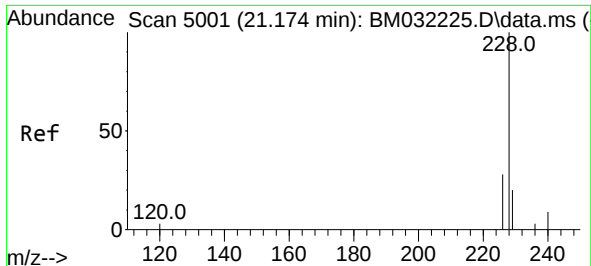
Tgt Ion:202 Resp: 23213
Ion Ratio Lower Upper
202 100
101 13.5 9.8 14.8
100 10.0 7.2 10.8



#20
Pyrene
Concen: 0.424 ng/ul
RT: 19.438 min Scan# 4445
Delta R.T. -0.004 min
Lab File: BM032229.D
Acq: 28 Sep 2021 06:22

Tgt Ion:202 Resp: 23338
Ion Ratio Lower Upper
202 100
101 15.2 12.1 18.1
100 12.3 9.8 14.6

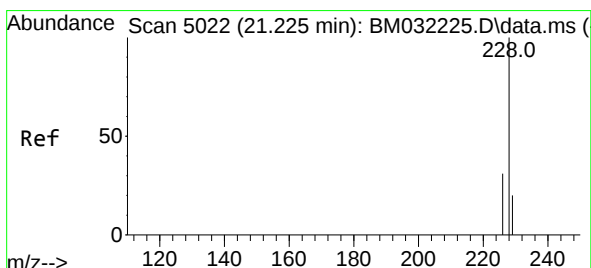
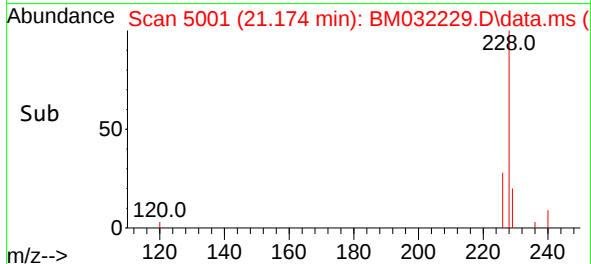
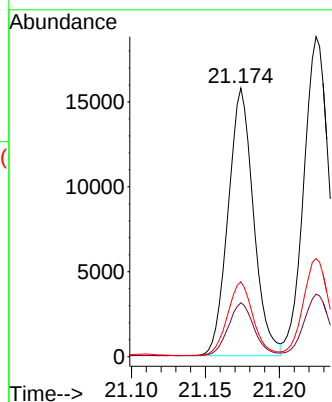
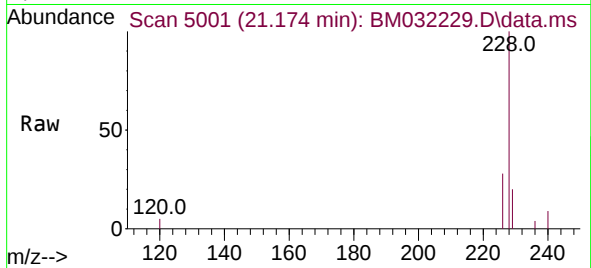




#21
Benzo(a)anthracene
Concen: 0.405 ng/ul
RT: 21.174 min Scan# 5001
Delta R.T. -0.005 min
Lab File: BM032229.D
Acq: 28 Sep 2021 06:22

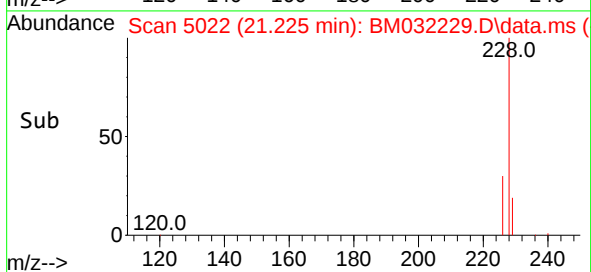
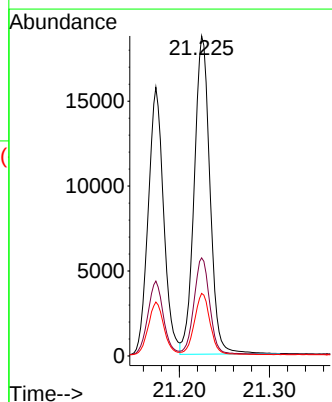
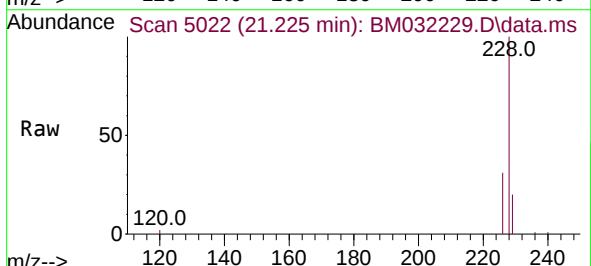
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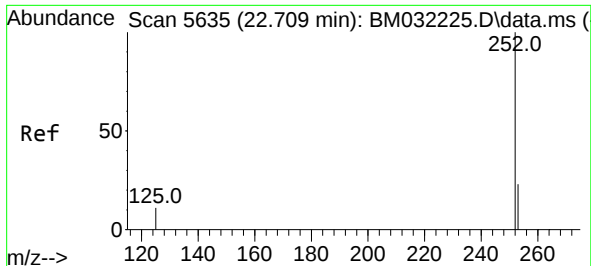
Tgt Ion:228 Resp: 18809
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 27.9 22.3 33.5



#22
Chrysene
Concen: 0.417 ng/ul
RT: 21.225 min Scan# 5022
Delta R.T. -0.005 min
Lab File: BM032229.D
Acq: 28 Sep 2021 06:22

Tgt Ion:228 Resp: 22695
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 19.5 15.6 23.4

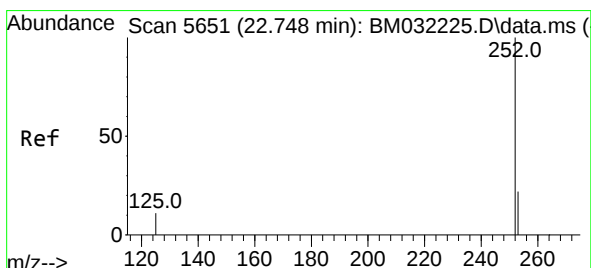
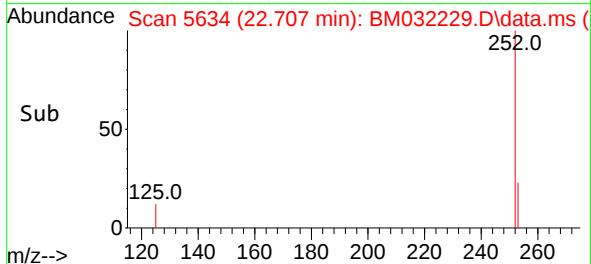
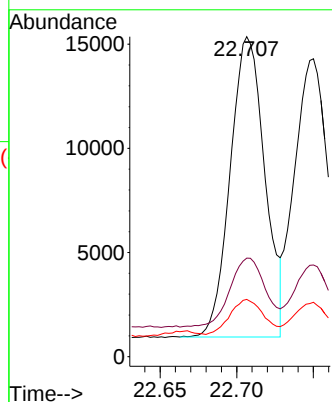
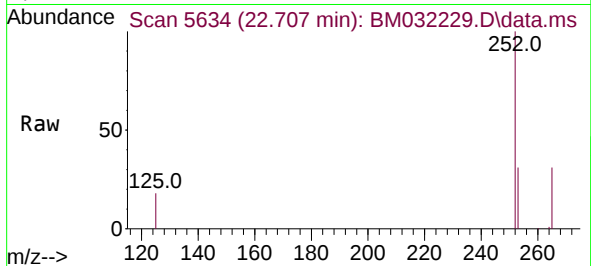




#24
Benzo(b)fluoranthene
Concen: 0.421 ng/ul
RT: 22.707 min Scan# 5634
Delta R.T. -0.007 min
Lab File: BM032229.D
Acq: 28 Sep 2021 06:22

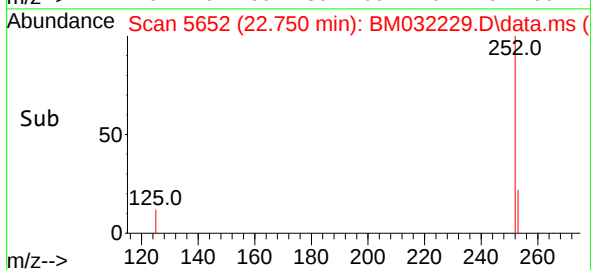
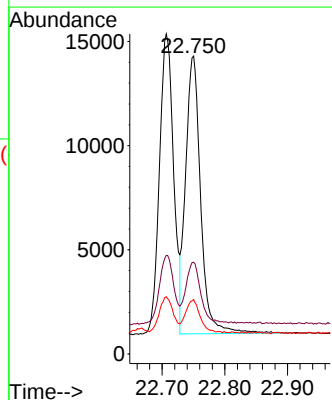
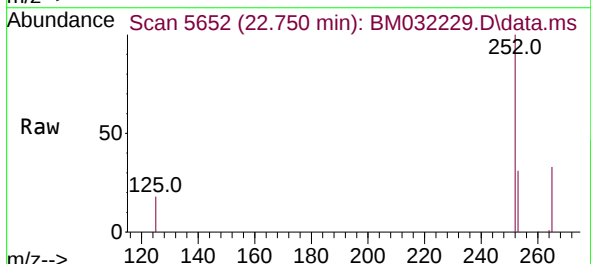
Instrument :
BNA_M
ClientSampled :
SLCS379

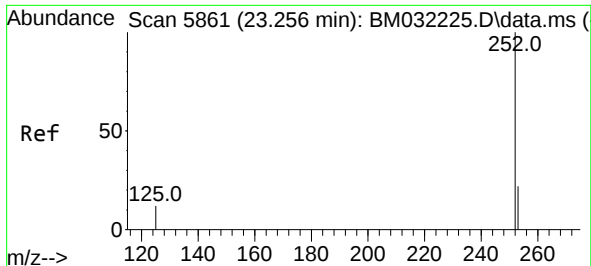
Tgt Ion:252 Resp: 22639
Ion Ratio Lower Upper
252 100
253 30.8 0.0 58.0
125 17.9 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.427 ng/ul
RT: 22.750 min Scan# 5652
Delta R.T. -0.005 min
Lab File: BM032229.D
Acq: 28 Sep 2021 06:22

Tgt Ion:252 Resp: 22185
Ion Ratio Lower Upper
252 100
253 30.8 22.9 34.3
125 18.3 12.9 19.3

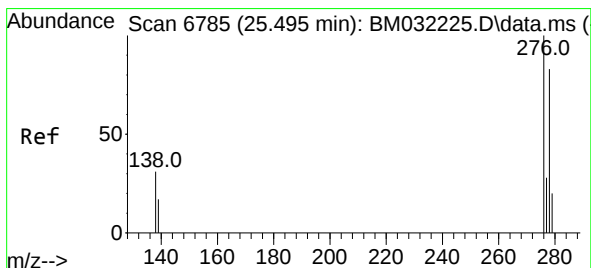
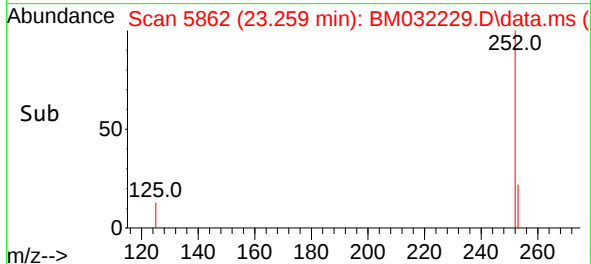
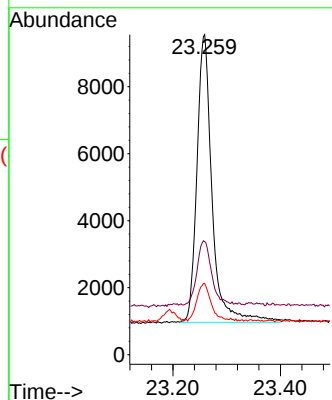
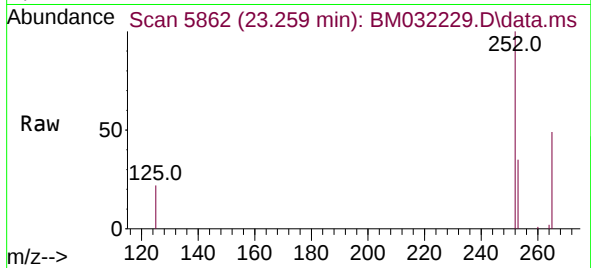




#26
Benzo(a)pyrene
Concen: 0.416 ng/ul
RT: 23.259 min Scan# 5862
Delta R.T. -0.005 min
Lab File: BM032229.D
Acq: 28 Sep 2021 06:22

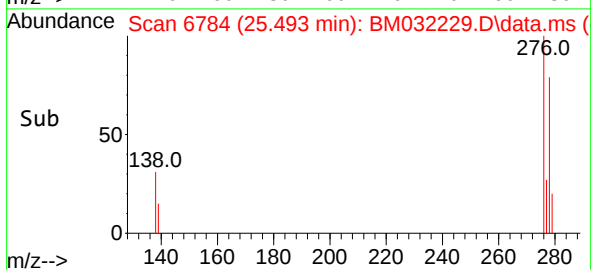
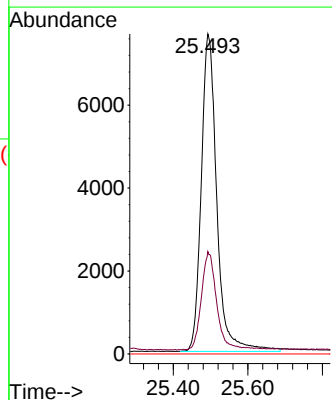
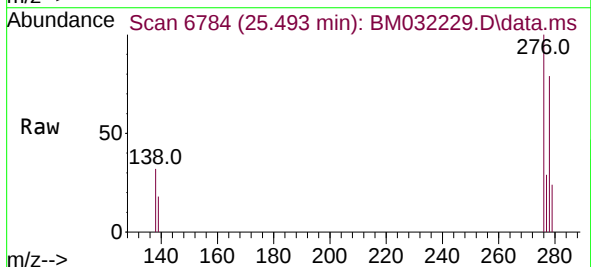
Instrument :
BNA_M
ClientSampleId :
SLCS379

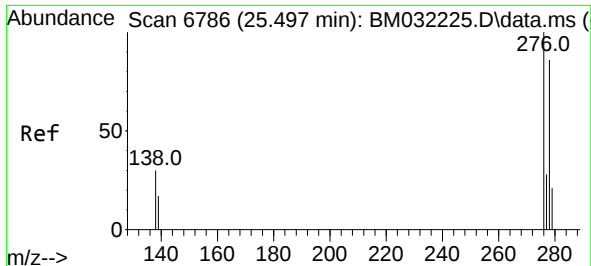
Tgt Ion:	252	Resp:	16798
Ion Ratio	Lower	Upper	
252	100		
253	35.4	25.8	38.8
125	22.2	15.4	23.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.429 ng/ul
RT: 25.493 min Scan# 6784
Delta R.T. -0.012 min
Lab File: BM032229.D
Acq: 28 Sep 2021 06:22

Tgt Ion:	276	Resp:	22146
Ion Ratio	Lower	Upper	
276	100		
138	30.6	24.3	36.5
227	0.0	0.0	0.0

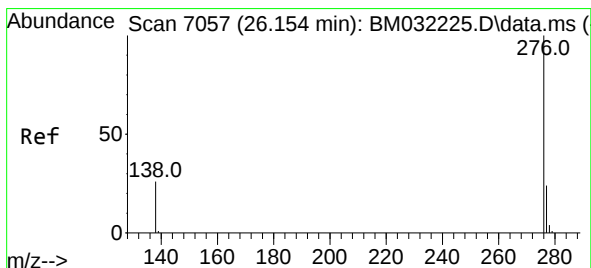
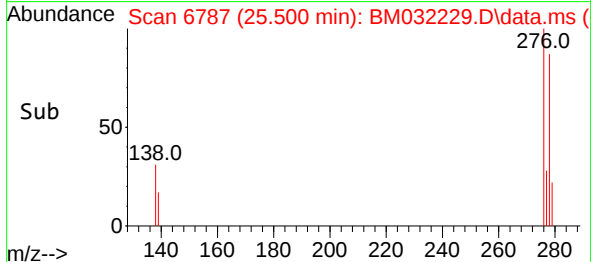
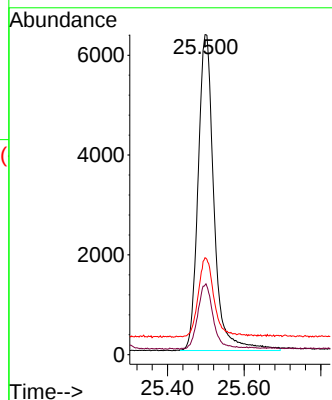
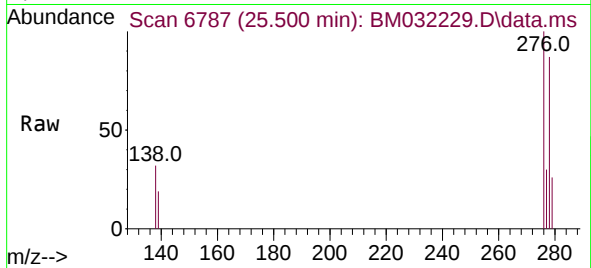




#28
Dibenzo(a,h)anthracene
Concen: 0.435 ng/ul
RT: 25.500 min Scan# 6787
Delta R.T. -0.010 min
Lab File: BM032229.D
Acq: 28 Sep 2021 06:22

Instrument :
BNA_M
ClientSampleId :
SLCS379

Tgt Ion:278 Resp: 18263
Ion Ratio Lower Upper
278 100
139 22.2 16.6 24.8
279 30.2 23.0 34.6



#29
Benzo(g,h,i)perylene
Concen: 0.431 ng/ul
RT: 26.152 min Scan# 7056
Delta R.T. -0.012 min
Lab File: BM032229.D
Acq: 28 Sep 2021 06:22

Tgt Ion:276 Resp: 21077
Ion Ratio Lower Upper
276 100
138 26.4 21.0 31.4
277 25.8 19.8 29.8

