

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
 Data File : BM032228.D
 Acq On : 28 Sep 2021 05:46
 Operator : CG/JU
 Sample : PB139360BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS360

Quant Time: Sep 28 06:27:43 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)

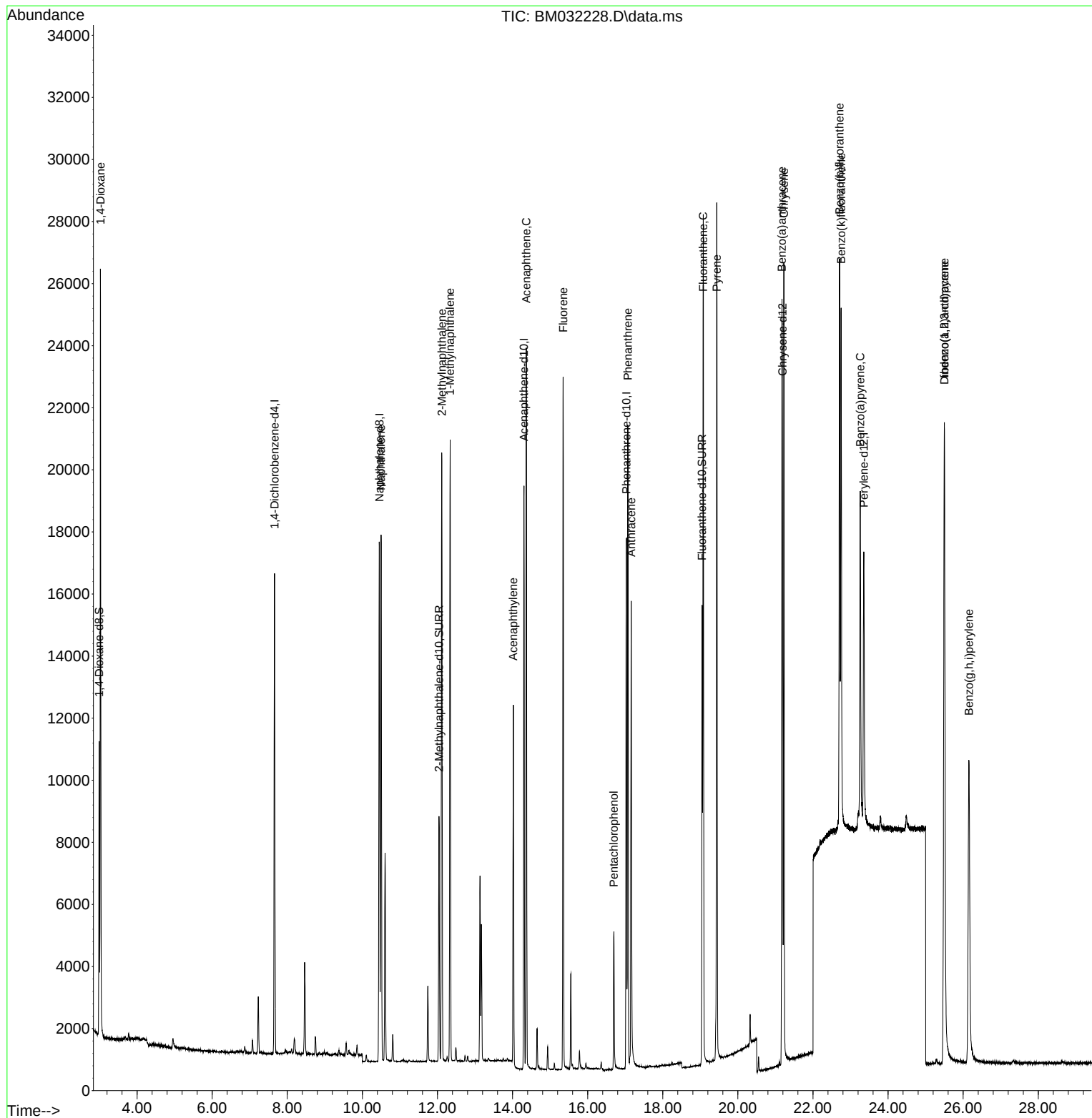
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	7231	0.400	ng/ul	0.00
4) Naphthalene-d8	10.453	136	21311	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.306	164	9432	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.031	188	18015	0.400	ng/ul	0.00
17) Chrysene-d12	21.188	240	13986	0.400	ng/ul	0.00
23) Perylene-d12	23.353	264	11089	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.990	96	5363	0.690	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.041	152	9532	0.336	ng/ul	0.00
18) Fluoranthene-d10	19.047	212	14746	0.388	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.024	88	14904	1.864	ng/ul	89
5) Naphthalene	10.498	128	21794	0.345	ng/ul	100
7) 2-Methylnaphthalene	12.117	142	13210	0.326	ng/ul	100
8) 1-Methylnaphthalene	12.337	142	12542	0.317	ng/ul	100
10) Acenaphthylene	14.021	152	12581	0.333	ng/ul	100
11) Acenaphthene	14.366	153	12188	0.350	ng/ul	99
12) Fluorene	15.348	166	13304	0.337	ng/ul	99
14) Pentachlorophenol	16.698	266	2912	0.639	ng/ul	99
15) Phenanthrene	17.069	178	20499	0.349	ng/ul	100
16) Anthracene	17.159	178	16342	0.338	ng/ul	99
19) Fluoranthene	19.078	202	21538	0.369	ng/ul	99
20) Pyrene	19.440	202	21571	0.368	ng/ul	100
21) Benzo(a)anthracene	21.174	228	17657	0.357	ng/ul	100
22) Chrysene	21.225	228	21253	0.367	ng/ul	100
24) Benzo(b)fluoranthene	22.709	252	20846	0.363	ng/ul	95
25) Benzo(k)fluoranthene	22.750	252	20513	0.369	ng/ul	95
26) Benzo(a)pyrene	23.259	252	15792	0.365	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.498	276	20636	0.373	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.502	278	17030	0.379	ng/ul	98
29) Benzo(g,h,i)perylene	26.152	276	19652	0.375	ng/ul	99

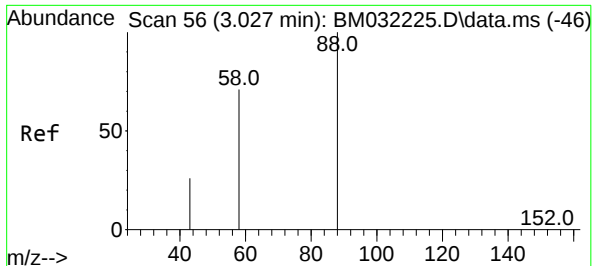
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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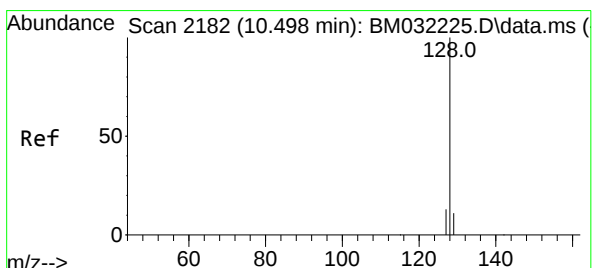
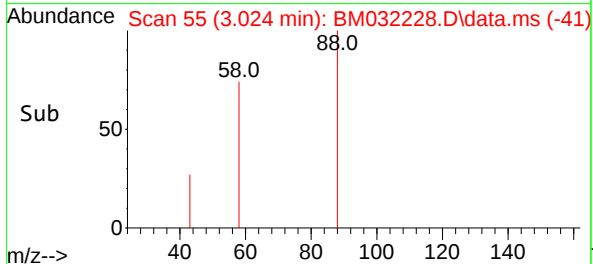
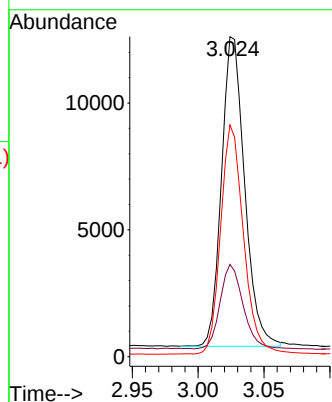
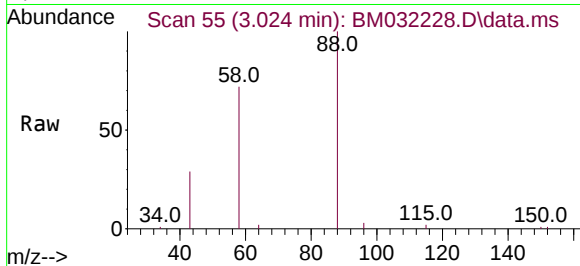




#2
1,4-Dioxane
Concen: 1.864 ng/ul
RT: 3.024 min Scan# 55
Delta R.T. -0.003 min
Lab File: BM032228.D
Acq: 28 Sep 2021 05:46

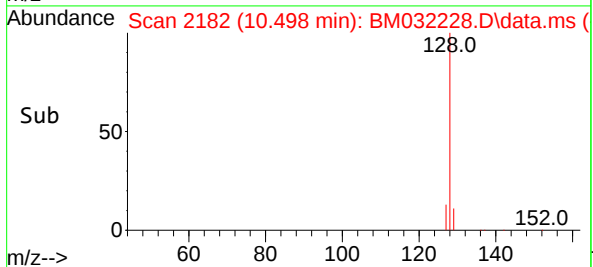
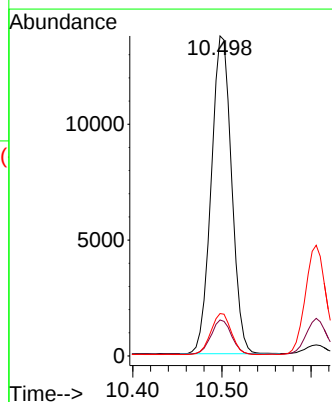
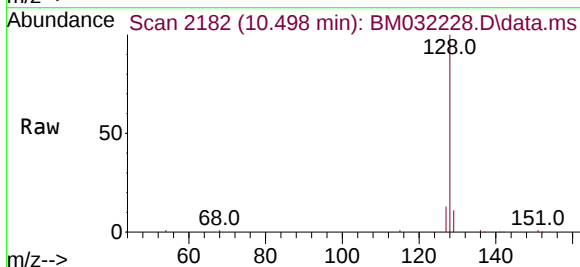
Instrument :
BNA_M
ClientSampleId :
SLCS360

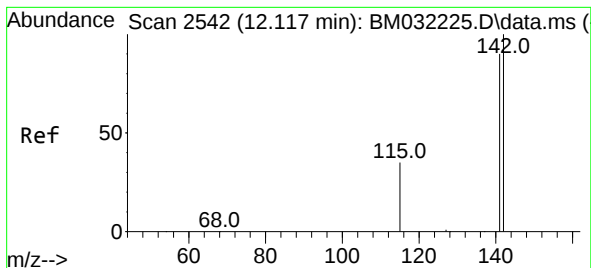
Tgt Ion: 88 Resp: 14904
Ion Ratio Lower Upper
88 100
43 28.9 26.1 39.1
58 72.4 50.2 75.2



#5
Naphthalene
Concen: 0.345 ng/ul
RT: 10.498 min Scan# 2182
Delta R.T. -0.008 min
Lab File: BM032228.D
Acq: 28 Sep 2021 05:46

Tgt Ion: 128 Resp: 21794
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.2 10.5 15.7

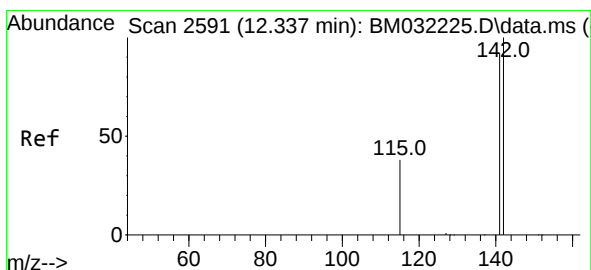
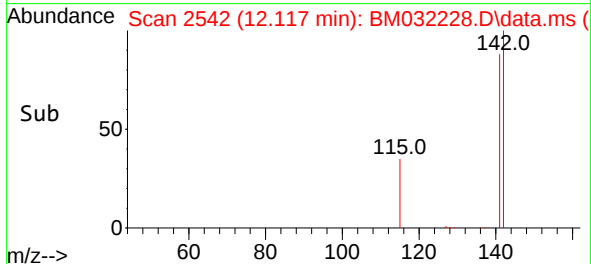
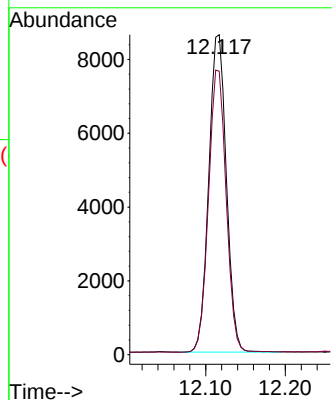
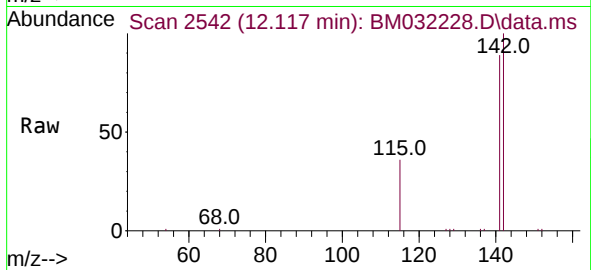




#7
2-Methylnaphthalene
Concen: 0.326 ng/ul
RT: 12.117 min Scan# 2542
Delta R.T. -0.003 min
Lab File: BM032228.D
Acq: 28 Sep 2021 05:46

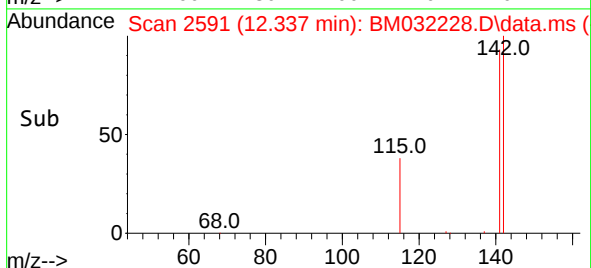
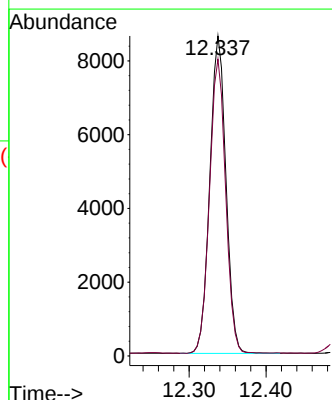
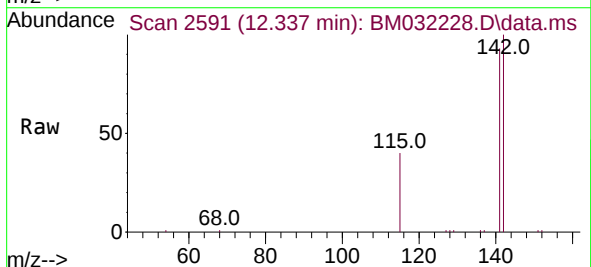
Instrument :
BNA_M
ClientSampleId :
SLCS360

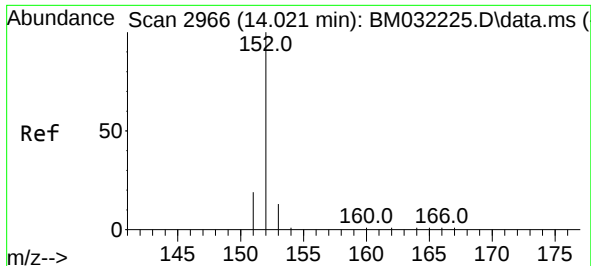
Tgt Ion:142 Resp: 13210
Ion Ratio Lower Upper
142 100
141 89.3 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.337 min Scan# 2591
Delta R.T. -0.003 min
Lab File: BM032228.D
Acq: 28 Sep 2021 05:46

Tgt Ion:142 Resp: 12542
Ion Ratio Lower Upper
142 100
141 92.7 73.8 110.6

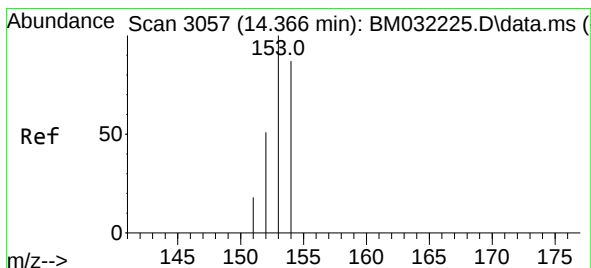
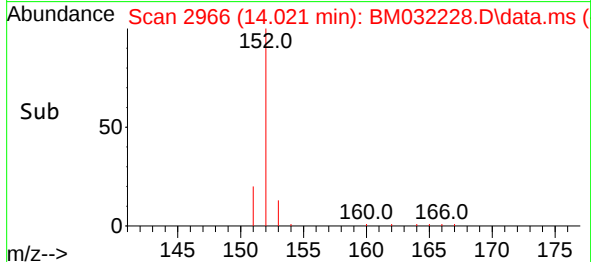
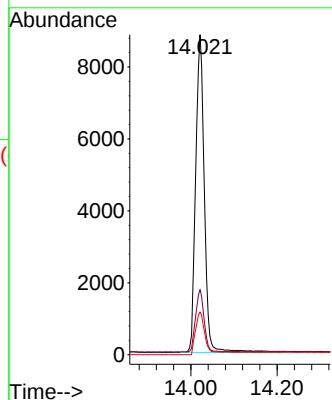
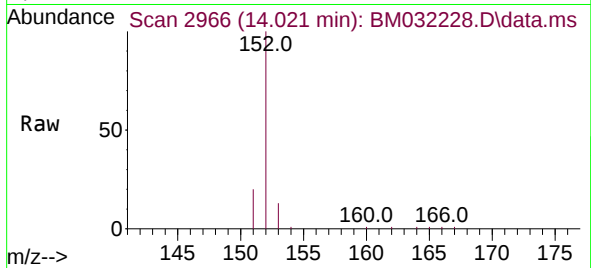




#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 14.021 min Scan# 2966
Delta R.T. -0.002 min
Lab File: BM032228.D
Acq: 28 Sep 2021 05:46

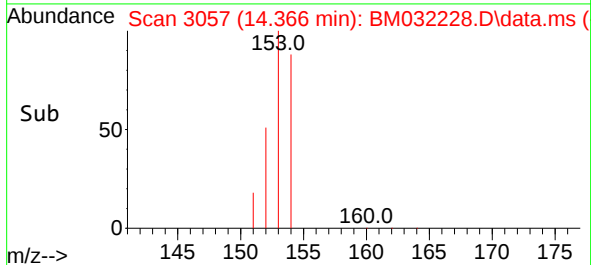
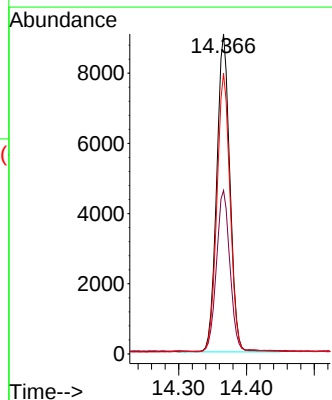
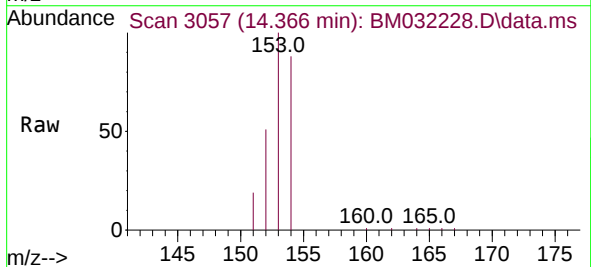
Instrument :
BNA_M
ClientSampleId :
SLCS360

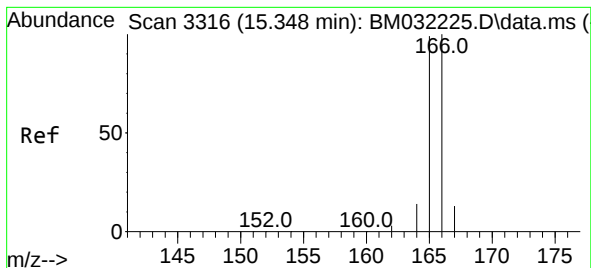
Tgt Ion:	152	Resp:	12581
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.0	24.0
153	13.3	10.7	16.1



#11
Acenaphthene
Concen: 0.350 ng/ul
RT: 14.366 min Scan# 3057
Delta R.T. -0.002 min
Lab File: BM032228.D
Acq: 28 Sep 2021 05:46

Tgt Ion:	153	Resp:	12188
Ion Ratio	Lower	Upper	
153	100		
152	51.1	41.6	62.4
154	87.6	71.2	106.8





#12

Fluorene

Concen: 0.337 ng/ul

RT: 15.348 min Scan# 3316

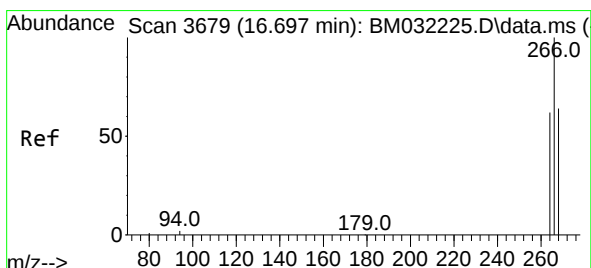
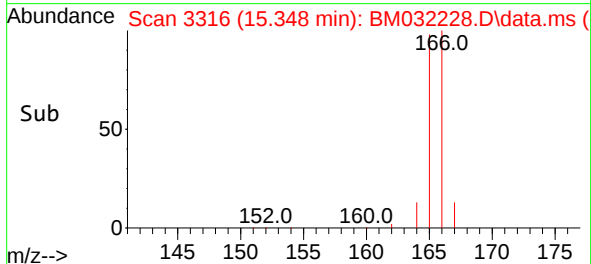
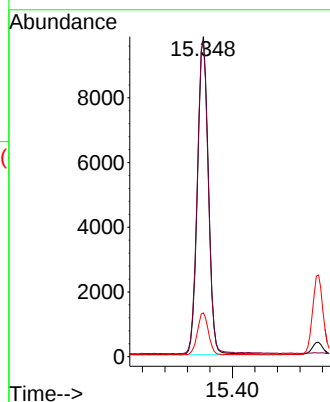
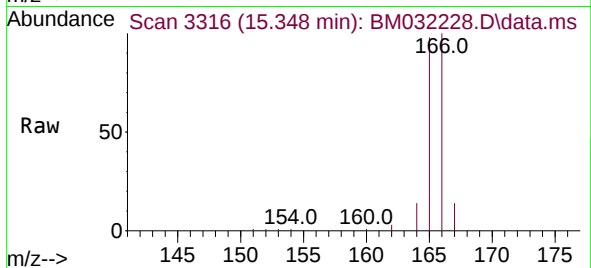
Delta R.T. -0.002 min

Lab File: BM032228.D

Acq: 28 Sep 2021 05:46

Tgt Ion:	166	Resp:	13304
Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.4	119.2
167	13.7	10.8	16.2

Instrument :
BNA_M
ClientSampleId :
SLCS360



#14

Pentachlorophenol

Concen: 0.639 ng/ul

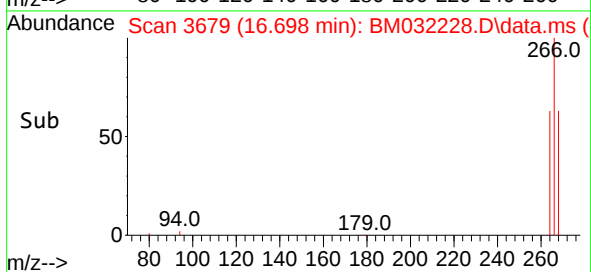
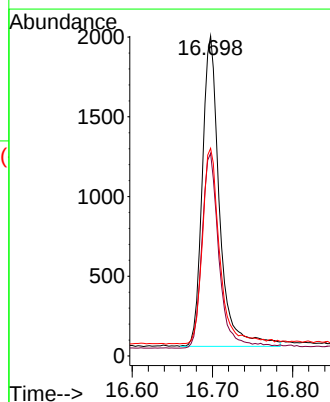
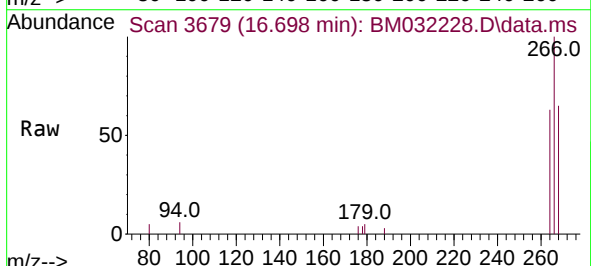
RT: 16.698 min Scan# 3679

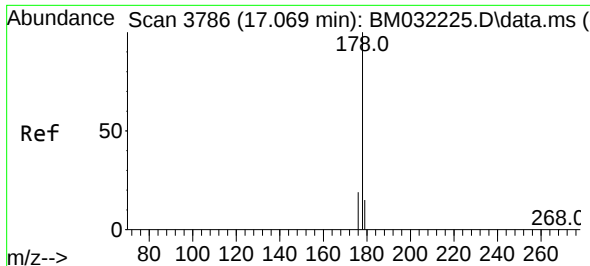
Delta R.T. -0.002 min

Lab File: BM032228.D

Acq: 28 Sep 2021 05:46

Tgt Ion:	266	Resp:	2912
Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.8	74.8
268	63.5	50.4	75.6

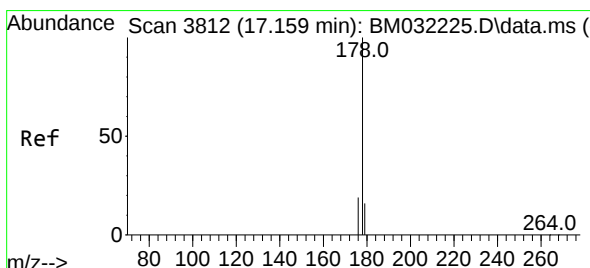
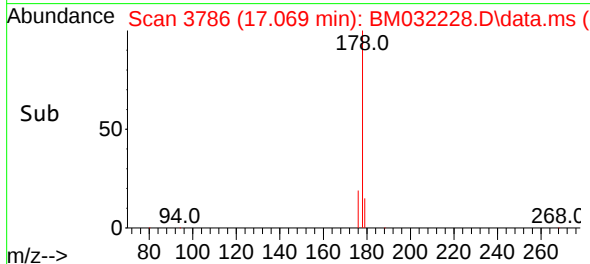
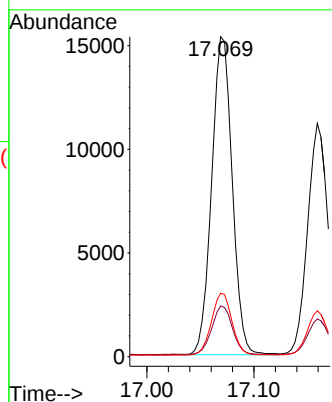
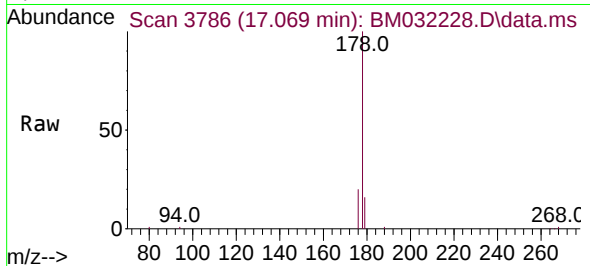




#15
Phenanthrene
Concen: 0.349 ng/ul
RT: 17.069 min Scan# 3786
Delta R.T. -0.006 min
Lab File: BM032228.D
Acq: 28 Sep 2021 05:46

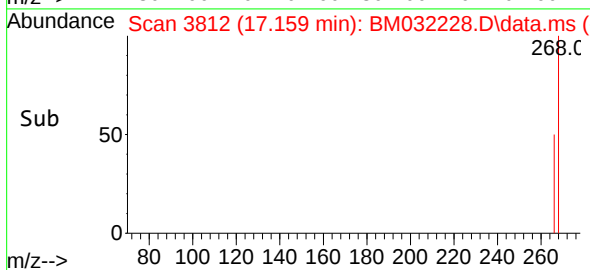
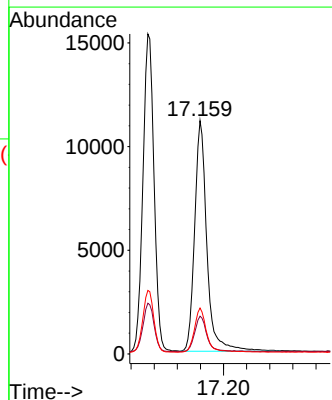
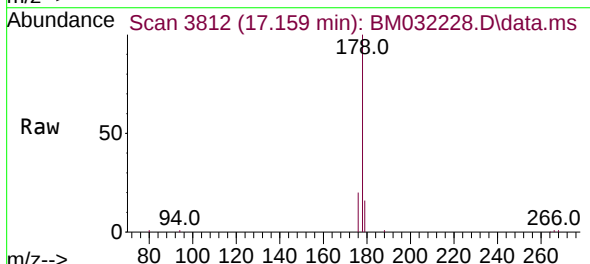
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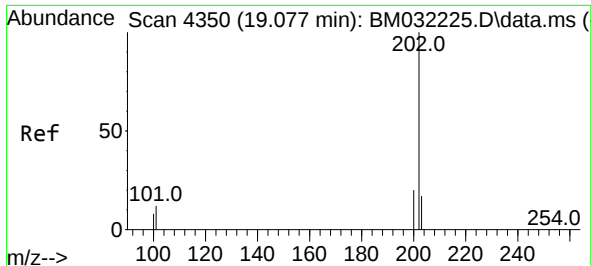
Tgt Ion:178	Resp:	20499
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.6 18.8
176	19.8	15.8 23.6



#16
Anthracene
Concen: 0.338 ng/ul
RT: 17.159 min Scan# 3812
Delta R.T. -0.006 min
Lab File: BM032228.D
Acq: 28 Sep 2021 05:46

Tgt Ion:178	Resp:	16342
Ion Ratio	Lower	Upper
178	100	
179	16.2	12.7 19.1
176	19.7	15.3 22.9

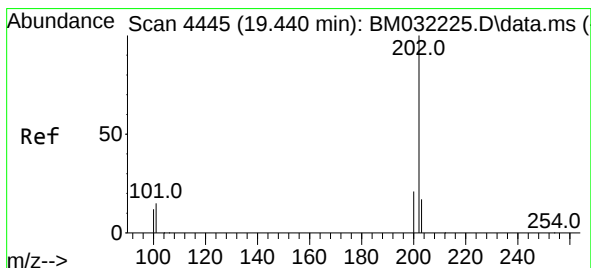
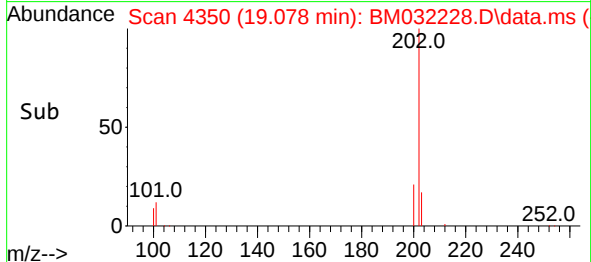
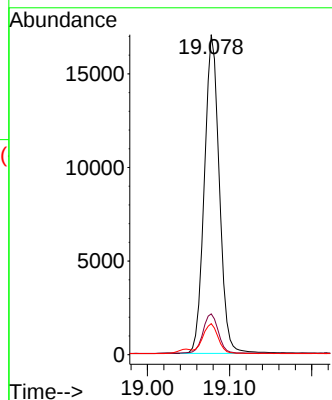
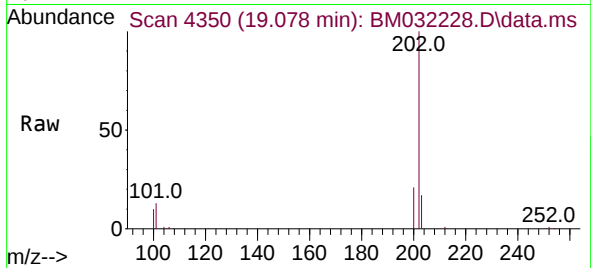




#19
Fluoranthene
Concen: 0.369 ng/ul
RT: 19.078 min Scan# 4350
Delta R.T. -0.006 min
Lab File: BM032228.D
Acq: 28 Sep 2021 05:46

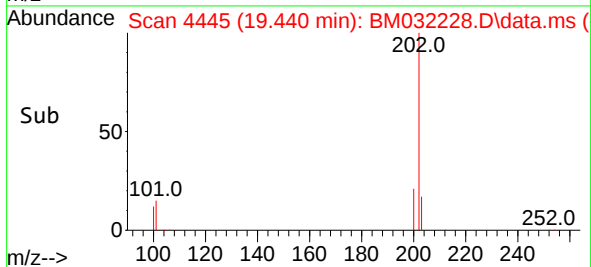
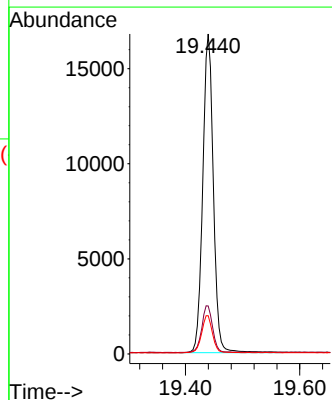
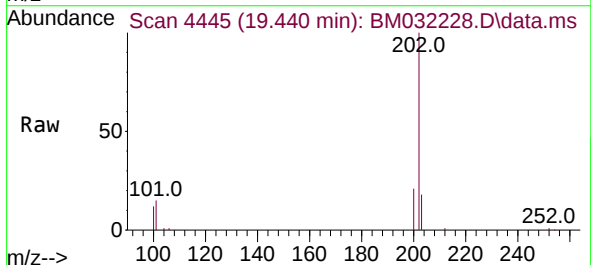
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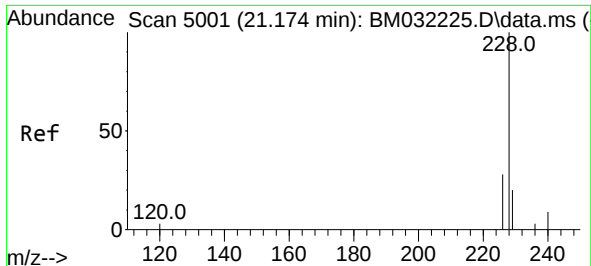
Tgt Ion:202 Resp: 21538
Ion Ratio Lower Upper
202 100
101 12.7 9.8 14.8
100 9.7 7.2 10.8



#20
Pyrene
Concen: 0.368 ng/ul
RT: 19.440 min Scan# 4445
Delta R.T. -0.002 min
Lab File: BM032228.D
Acq: 28 Sep 2021 05:46

Tgt Ion:202 Resp: 21571
Ion Ratio Lower Upper
202 100
101 15.0 12.1 18.1
100 11.9 9.8 14.6

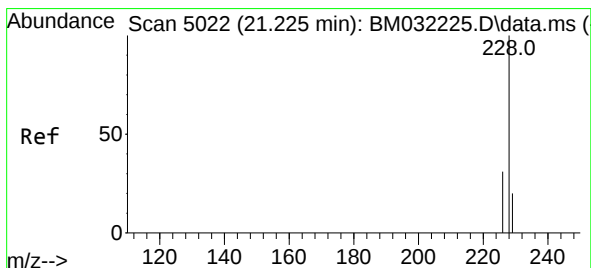
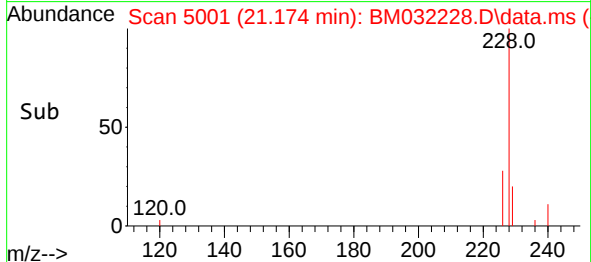
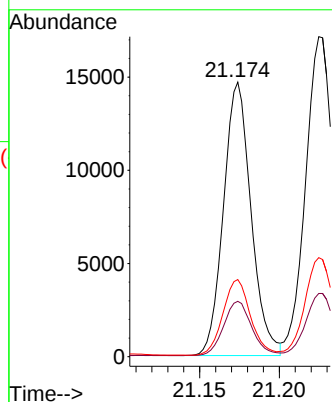
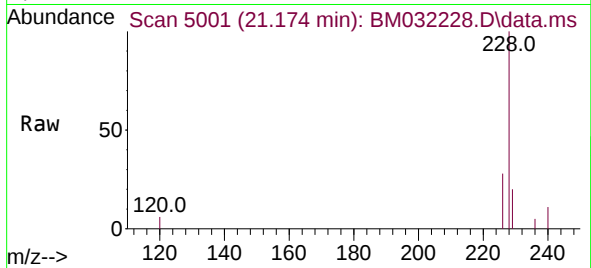




#21
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.174 min Scan# 5001
Delta R.T. -0.005 min
Lab File: BM032228.D
Acq: 28 Sep 2021 05:46

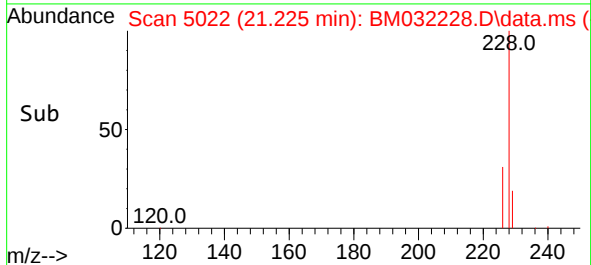
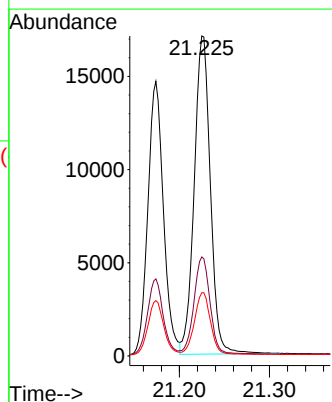
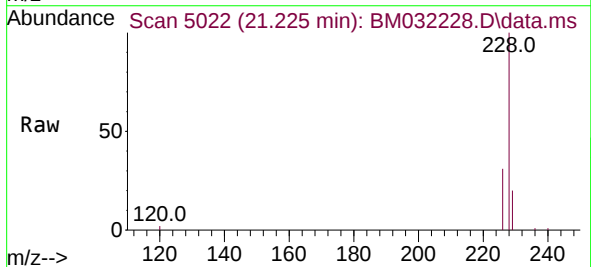
Instrument :
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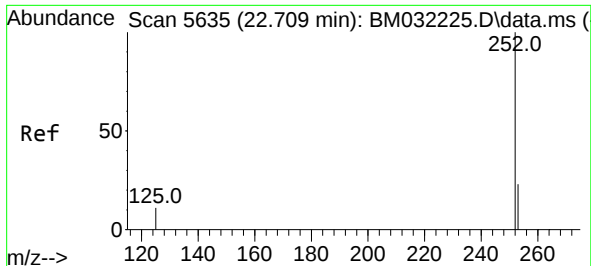
Tgt Ion:228 Resp: 17657
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 28.1 22.3 33.5



#22
Chrysene
Concen: 0.367 ng/ul
RT: 21.225 min Scan# 5022
Delta R.T. -0.005 min
Lab File: BM032228.D
Acq: 28 Sep 2021 05:46

Tgt Ion:228 Resp: 21253
Ion Ratio Lower Upper
228 100
226 31.0 24.6 37.0
229 19.7 15.6 23.4

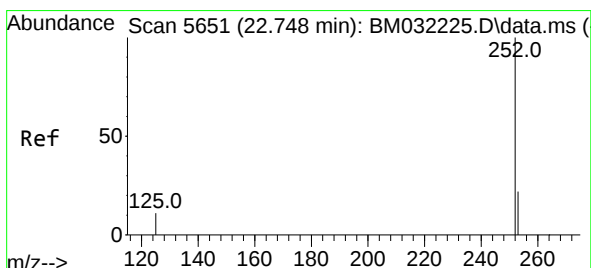
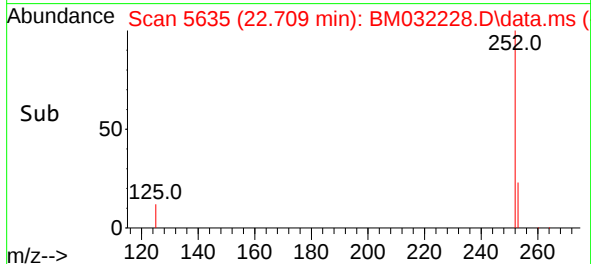
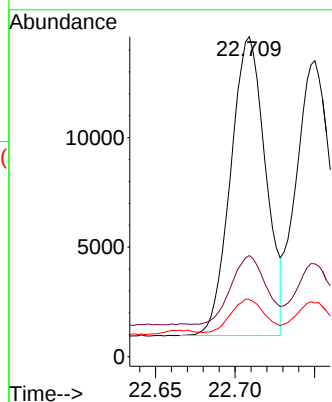
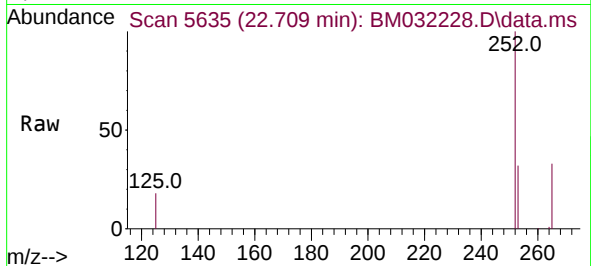




#24
Benzo(b)fluoranthene
Concen: 0.363 ng/ul
RT: 22.709 min Scan# 5635
Delta R.T. -0.005 min
Lab File: BM032228.D
Acq: 28 Sep 2021 05:46

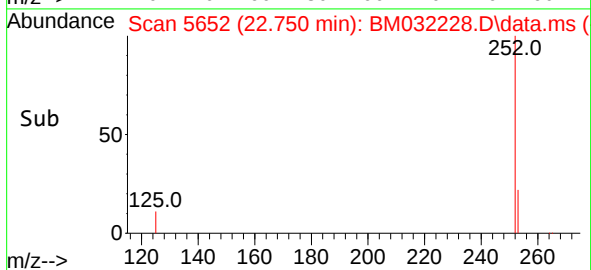
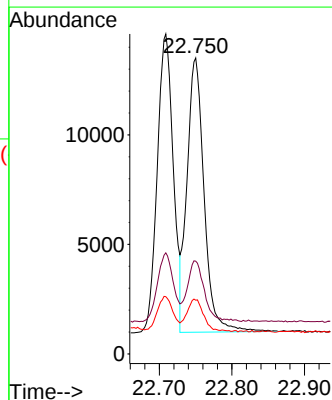
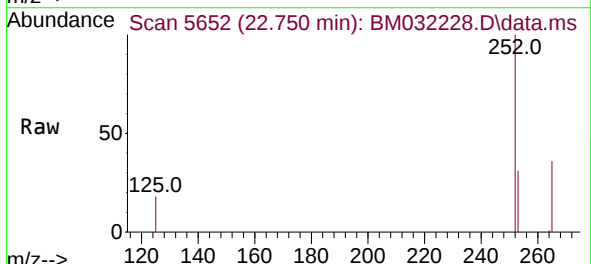
Instrument :
BNA_M
ClientSampleId :
SLCS360

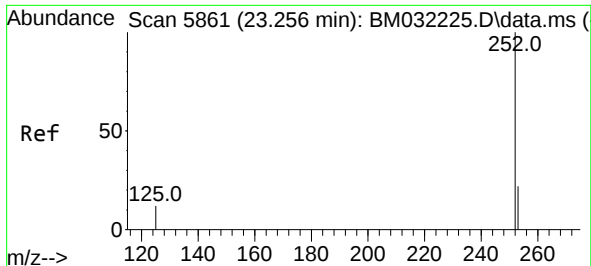
Tgt Ion:252	Resp:	20846
Ion Ratio	Lower	Upper
252	100	
253	31.6	0.0 58.0
125	17.9	0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.369 ng/ul
RT: 22.750 min Scan# 5652
Delta R.T. -0.005 min
Lab File: BM032228.D
Acq: 28 Sep 2021 05:46

Tgt Ion:252	Resp:	20513
Ion Ratio	Lower	Upper
252	100	
253	31.3	22.9 34.3
125	18.2	12.9 19.3

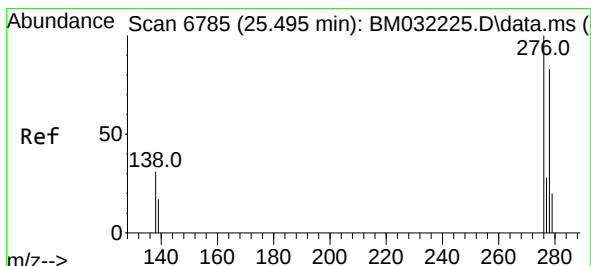
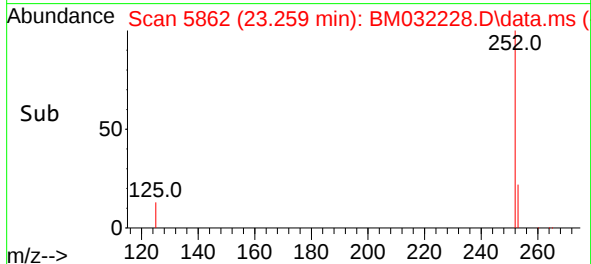
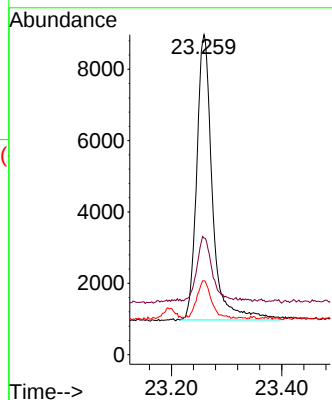
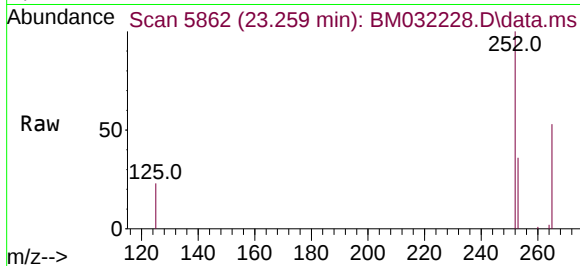




#26
Benzo(a)pyrene
Concen: 0.365 ng/ul
RT: 23.259 min Scan# 5862
Delta R.T. -0.005 min
Lab File: BM032228.D
Acq: 28 Sep 2021 05:46

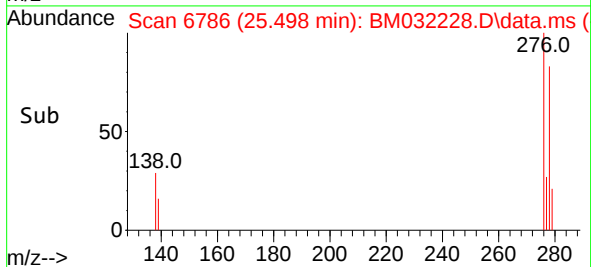
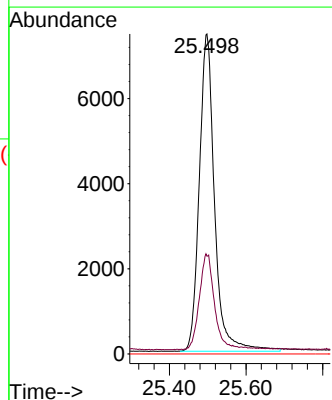
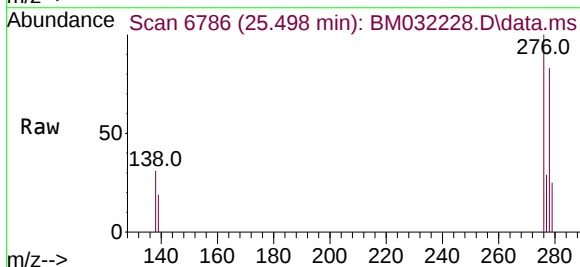
Instrument :
BNA_M
ClientSampleId :
SLCS360

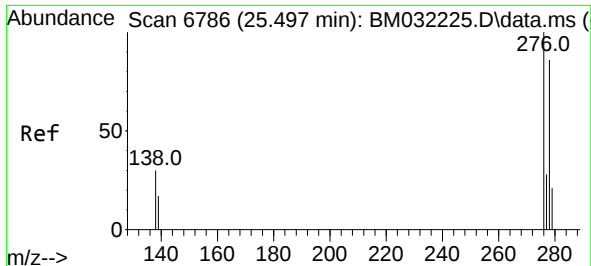
Tgt Ion:252	Resp:	15792
Ion Ratio	Lower	Upper
252	100	
253	36.5	25.8 38.8
125	23.1	15.4 23.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng/ul
RT: 25.498 min Scan# 6786
Delta R.T. -0.007 min
Lab File: BM032228.D
Acq: 28 Sep 2021 05:46

Tgt Ion:276	Resp:	20636
Ion Ratio	Lower	Upper
276	100	
138	30.2	24.3 36.5
227	0.0	0.0 0.0

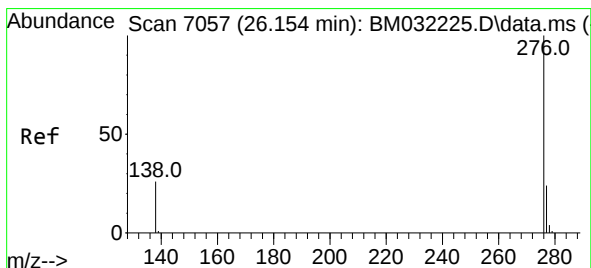
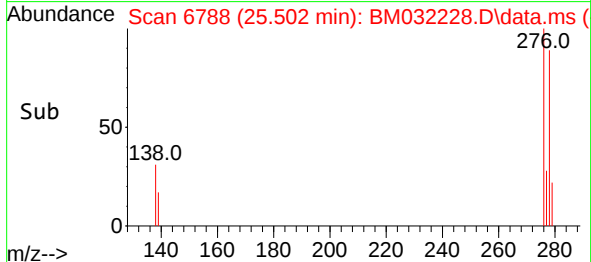
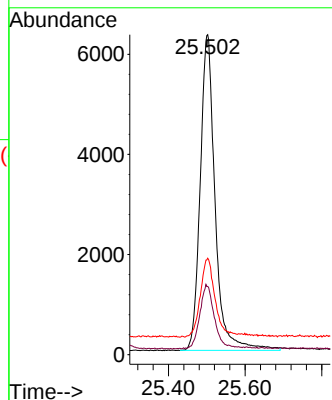
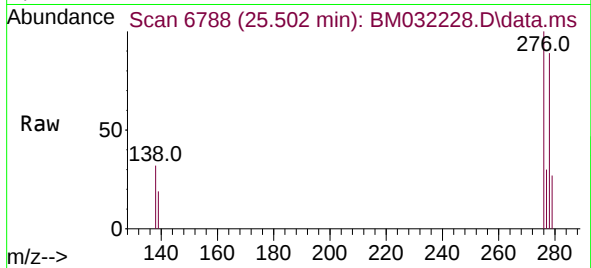




#28
Dibenzo(a,h)anthracene
Concen: 0.379 ng/ul
RT: 25.502 min Scan# 6788
Delta R.T. -0.007 min
Lab File: BM032228.D
Acq: 28 Sep 2021 05:46

Instrument :
BNA_M
ClientSampleId :
SLCS360

Tgt Ion:278 Resp: 17030
Ion Ratio Lower Upper
278 100
139 21.4 16.6 24.8
279 30.1 23.0 34.6



#29
Benzo(g,h,i)perylene
Concen: 0.375 ng/ul
RT: 26.152 min Scan# 7056
Delta R.T. -0.012 min
Lab File: BM032228.D
Acq: 28 Sep 2021 05:46

Tgt Ion:276 Resp: 19652
Ion Ratio Lower Upper
276 100
138 26.4 21.0 31.4
277 26.0 19.8 29.8

