

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111722\
 Data File : BM037533.D
 Acq On : 17 Nov 2022 18:50
 Operator : CG/JU
 Sample : PB149121BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS121

Quant Time: Nov 17 22:51:04 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 00:46:50 2022
 Response via : Initial Calibration

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

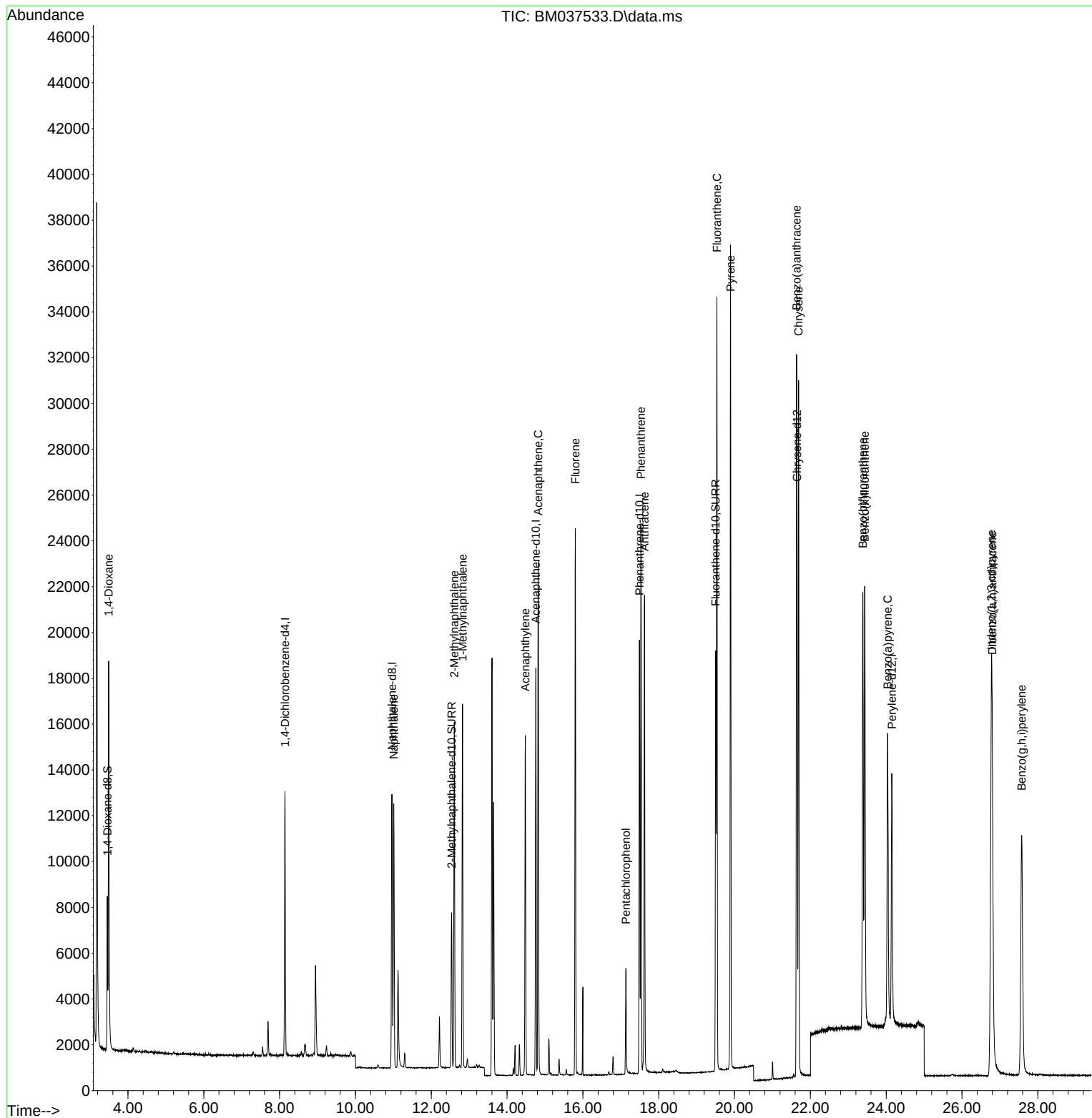
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	5636	0.400	ng/ul	0.00
4) Naphthalene-d8	10.963	136	15296	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.760	164	9284	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.491	188	21204	0.400	ng/ul	0.00
17) Chrysene-d12	21.652	240	16219	0.400	ng/ul	0.00
23) Perylene-d12	24.151	264	15480	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.457	96	4180	0.638	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.536	152	8089	0.319	ng/ul	0.00
18) Fluoranthene-d10	19.503	212	18289	0.341	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.491	88	10671	1.565	ng/ul#	53
5) Naphthalene	11.012	128	15302	0.329	ng/ul	99
7) 2-Methylnaphthalene	12.607	142	9896	0.313	ng/ul	100
8) 1-Methylnaphthalene	12.827	142	10573	0.327	ng/ul	99
10) Acenaphthylene	14.482	152	15978	0.310	ng/ul	100
11) Acenaphthene	14.820	153	12069	0.335	ng/ul	98
12) Fluorene	15.801	166	14323	0.331	ng/ul	100
14) Pentachlorophenol	17.136	266	3089	0.649	ng/ul	99
15) Phenanthrene	17.533	178	24530	0.338	ng/ul	100
16) Anthracene	17.626	178	22265	0.318	ng/ul	100
19) Fluoranthene	19.535	202	27909	0.357	ng/ul	99
20) Pyrene	19.893	202	28509	0.350	ng/ul	98
21) Benzo(a)anthracene	21.637	228	24541	0.338	ng/ul	100
22) Chrysene	21.690	228	26505	0.368	ng/ul	100
24) Benzo(b)fluoranthene	23.385	252	26127	0.370	ng/ul	98
25) Benzo(k)fluoranthene	23.435	252	26934	0.378	ng/ul	98
26) Benzo(a)pyrene	24.037	252	22053	0.359	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	26.772	276	28809	0.354	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.796	278	23101	0.362	ng/ul	97
29) Benzo(g,h,i)perylene	27.574	276	24806	0.359	ng/ul	98

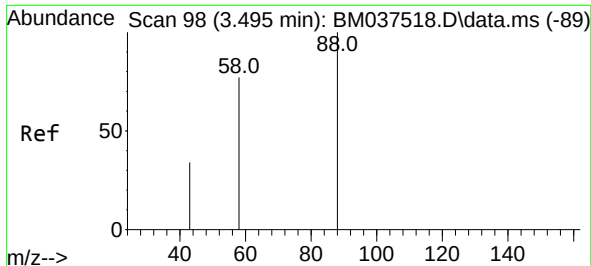
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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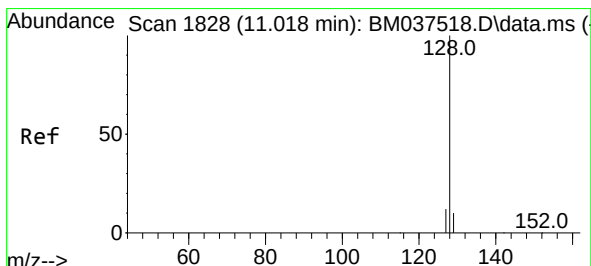
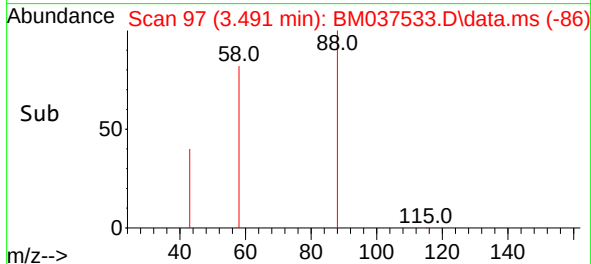
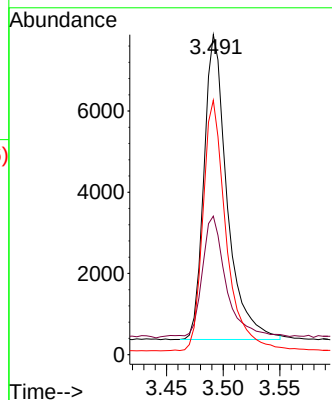
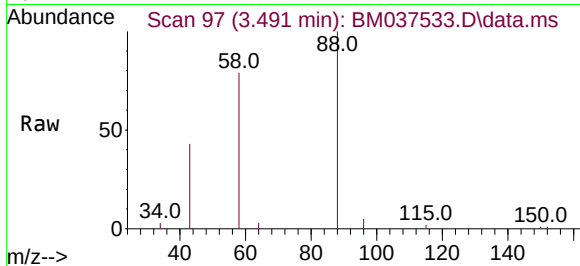




#2
1,4-Dioxane
Concen: 1.565 ng/ul
RT: 3.491 min Scan# 91
Delta R.T. -0.004 min
Lab File: BM037533.D
Acq: 17 Nov 2022 18:50

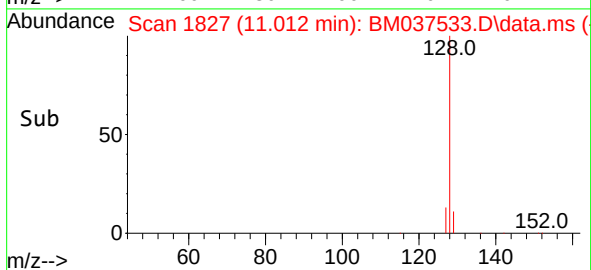
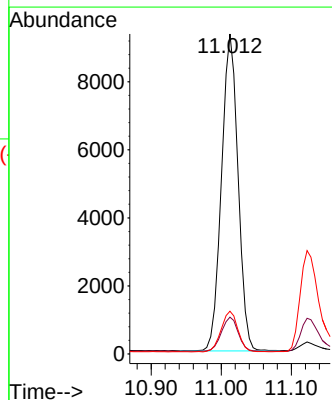
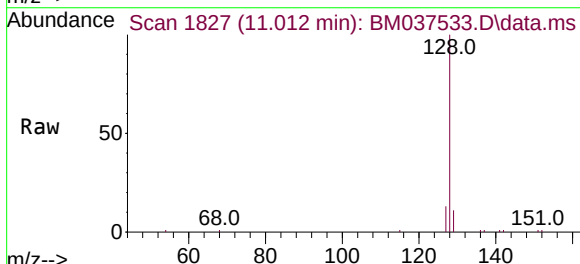
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BNA_M
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SLCS121

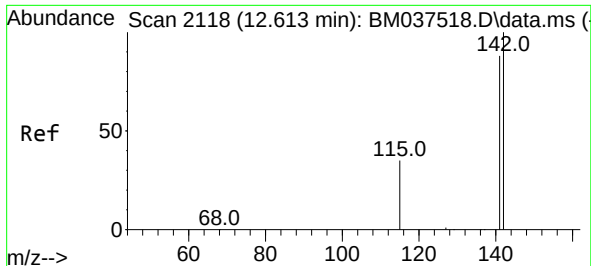
Tgt Ion: 88 Resp: 10671
Ion Ratio Lower Upper
88 100
43 43.3 102.8 154.2#
58 79.5 67.3 100.9



#5
Naphthalene
Concen: 0.329 ng/ul
RT: 11.012 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BM037533.D
Acq: 17 Nov 2022 18:50

Tgt Ion: 128 Resp: 15302
Ion Ratio Lower Upper
128 100
129 11.5 9.8 14.8
127 13.3 11.0 16.4

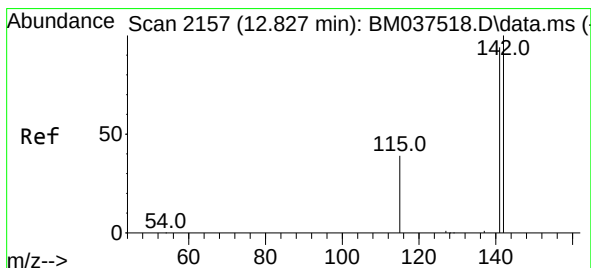
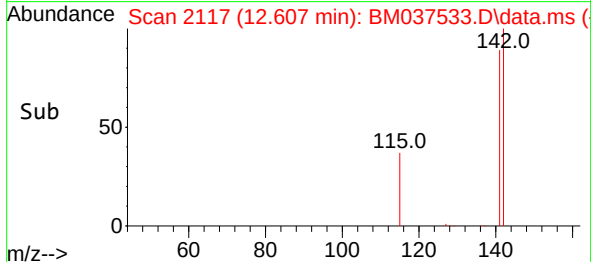
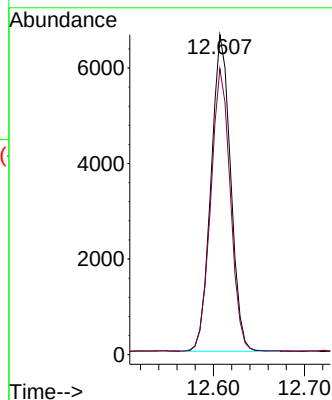
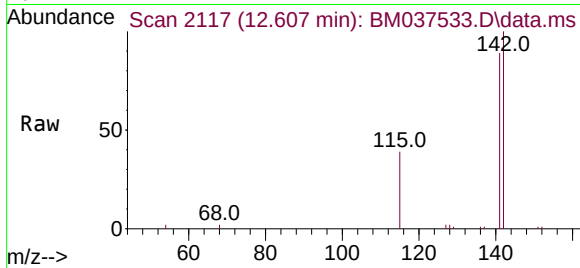




#7
2-Methylnaphthalene
Concen: 0.313 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM037533.D
Acq: 17 Nov 2022 18:50

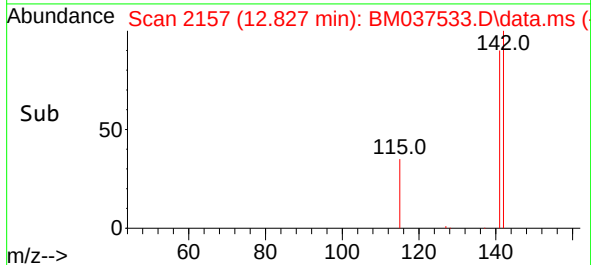
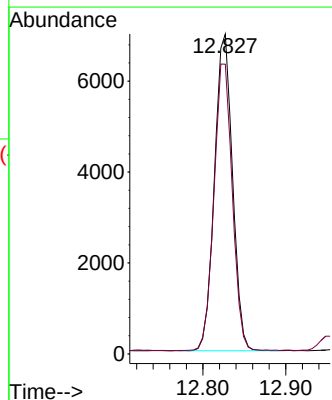
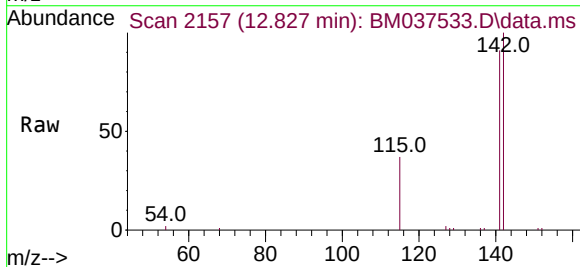
Instrument :
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ClientSampleId :
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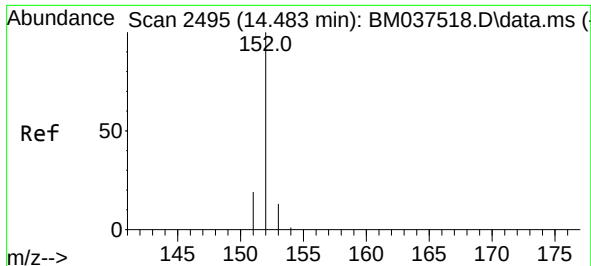
Tgt Ion:142 Resp: 9896
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.827 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM037533.D
Acq: 17 Nov 2022 18:50

Tgt Ion:142 Resp: 10573
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.0

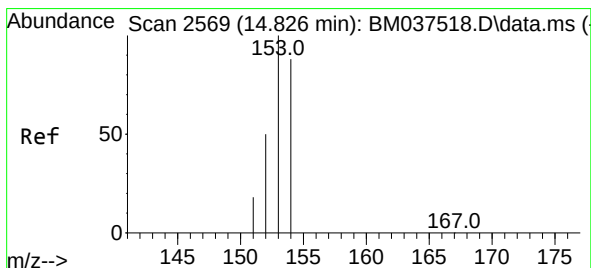
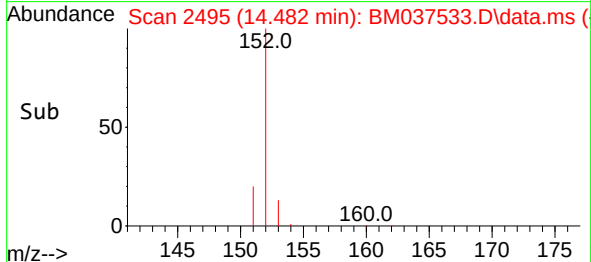
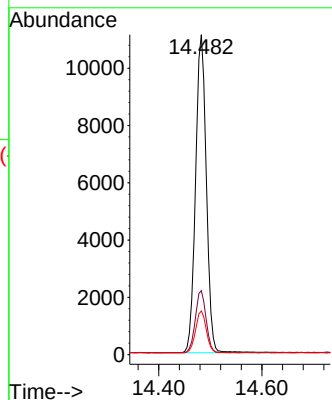
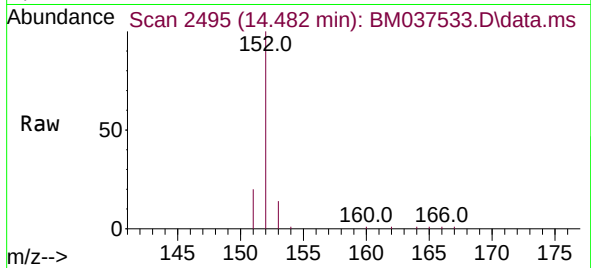




#10
Acenaphthylene
Concen: 0.310 ng/ul
RT: 14.482 min Scan# 2495
Delta R.T. -0.005 min
Lab File: BM037533.D
Acq: 17 Nov 2022 18:50

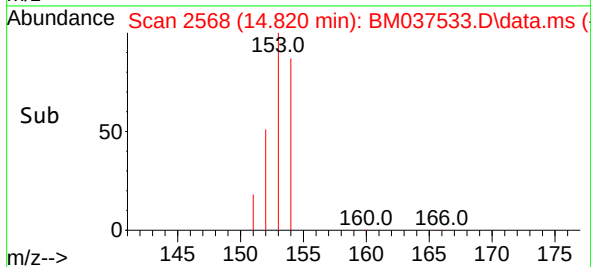
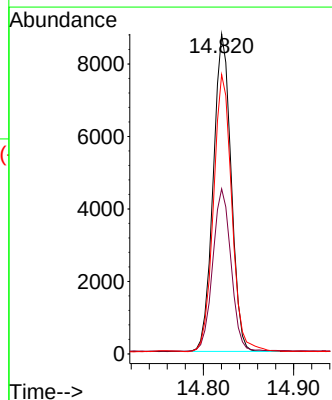
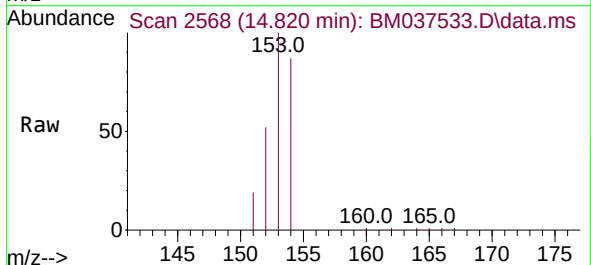
Instrument :
BNA_M
ClientSampleId :
SLCS121

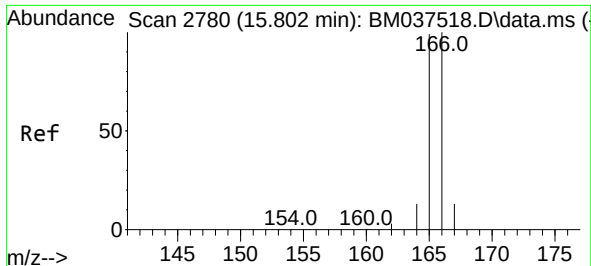
Tgt Ion:152 Resp: 15978
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.6 11.0 16.4



#11
Acenaphthene
Concen: 0.335 ng/ul
RT: 14.820 min Scan# 2568
Delta R.T. -0.005 min
Lab File: BM037533.D
Acq: 17 Nov 2022 18:50

Tgt Ion:153 Resp: 12069
Ion Ratio Lower Upper
153 100
152 51.6 39.4 59.0
154 87.3 69.5 104.3

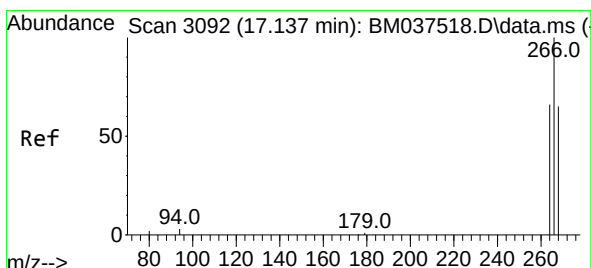
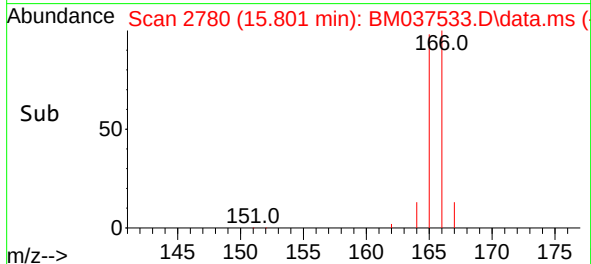
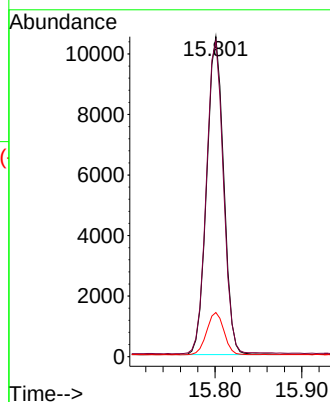
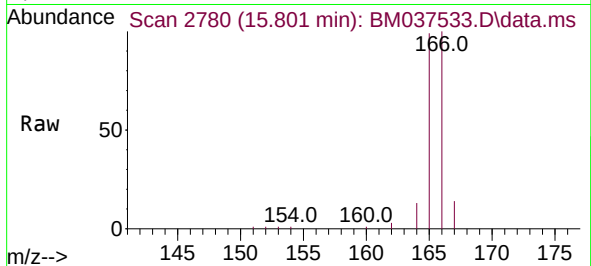




#12
 Fluorene
 Concen: 0.331 ng/ul
 RT: 15.801 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM037533.D
 Acq: 17 Nov 2022 18:50

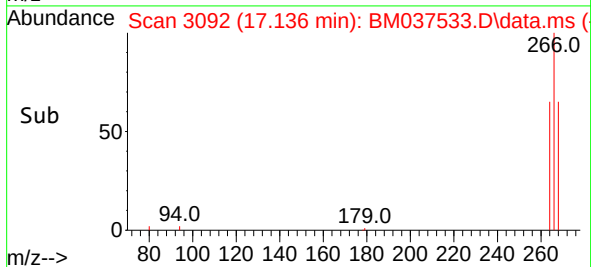
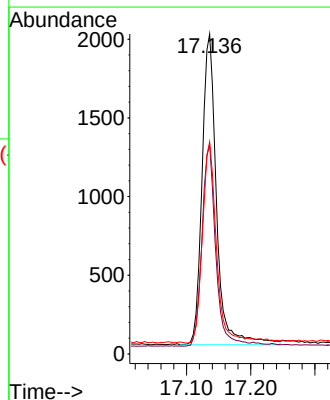
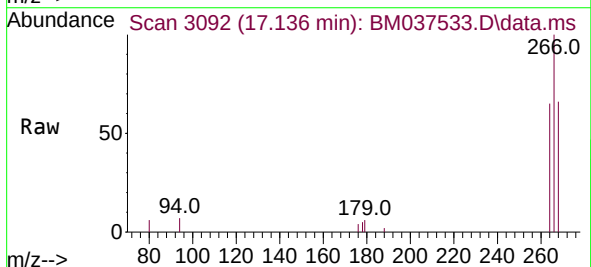
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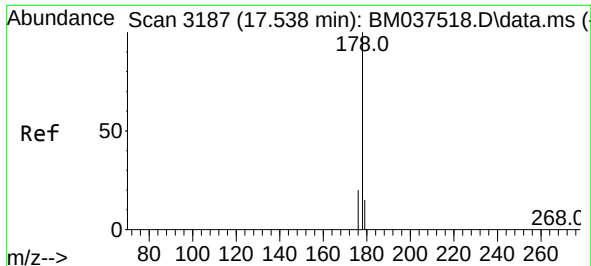
Tgt Ion:	166	Resp:	14323
Ion Ratio	Lower	Upper	
166	100		
165	98.6	78.7	118.1
167	13.8	11.3	16.9



#14
 Pentachlorophenol
 Concen: 0.649 ng/ul
 RT: 17.136 min Scan# 3092
 Delta R.T. -0.004 min
 Lab File: BM037533.D
 Acq: 17 Nov 2022 18:50

Tgt Ion:	266	Resp:	3089
Ion Ratio	Lower	Upper	
266	100		
264	62.5	50.2	75.2
268	64.0	52.0	78.0

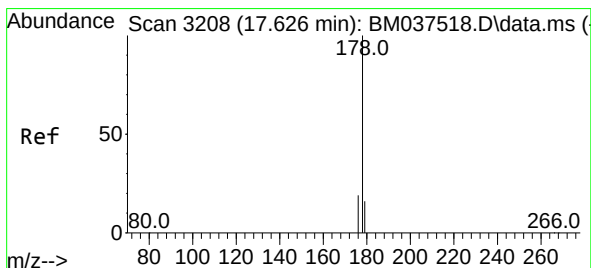
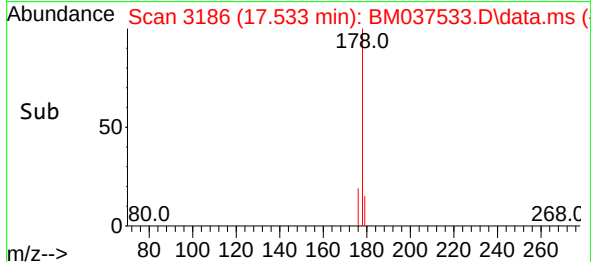
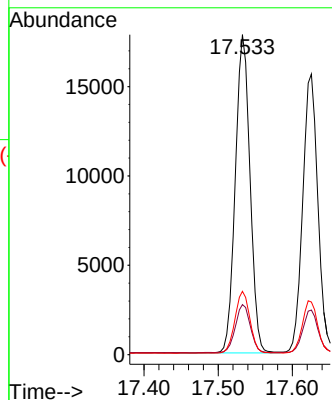
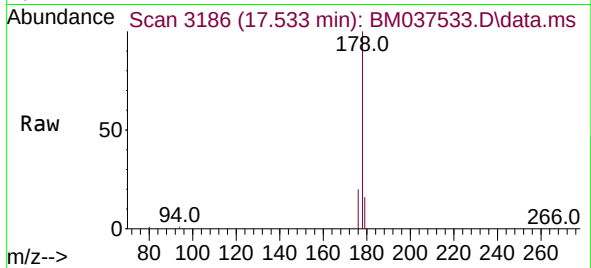




#15
Phenanthrene
Concen: 0.338 ng/ul
RT: 17.533 min Scan# 3186
Delta R.T. -0.004 min
Lab File: BM037533.D
Acq: 17 Nov 2022 18:50

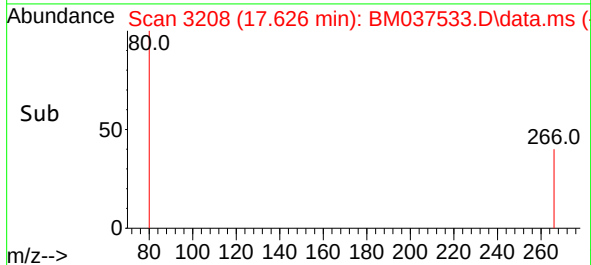
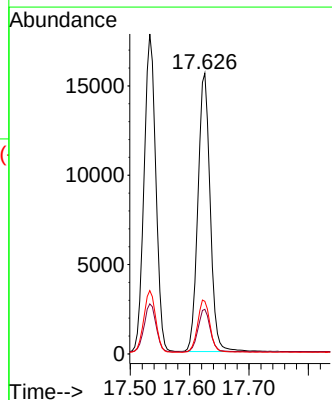
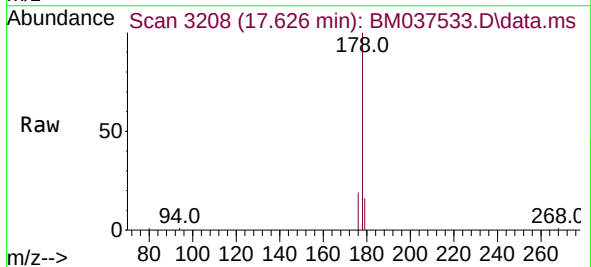
Instrument :
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SLCS121

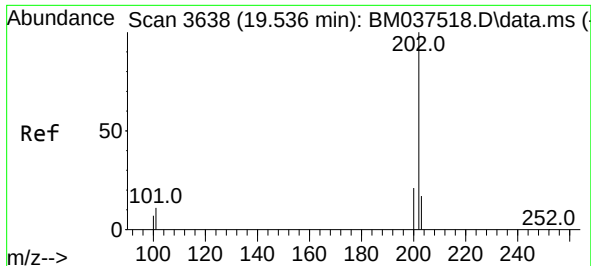
Tgt Ion:178 Resp: 24530
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.8 16.0 24.0



#16
Anthracene
Concen: 0.318 ng/ul
RT: 17.626 min Scan# 3208
Delta R.T. -0.004 min
Lab File: BM037533.D
Acq: 17 Nov 2022 18:50

Tgt Ion:178 Resp: 22265
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 18.7 15.0 22.6

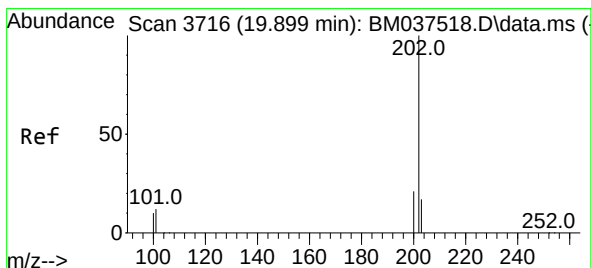
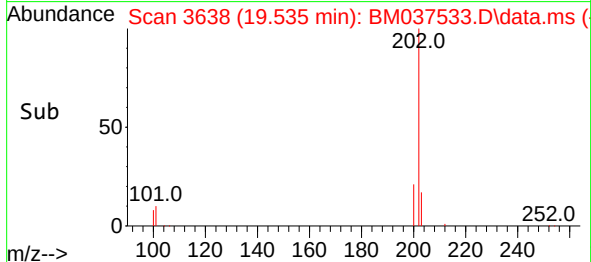
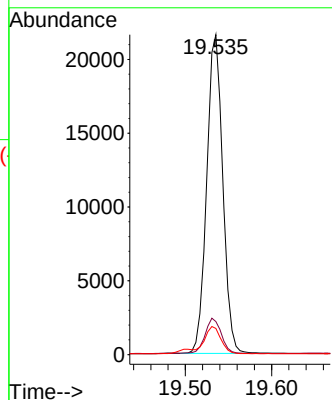
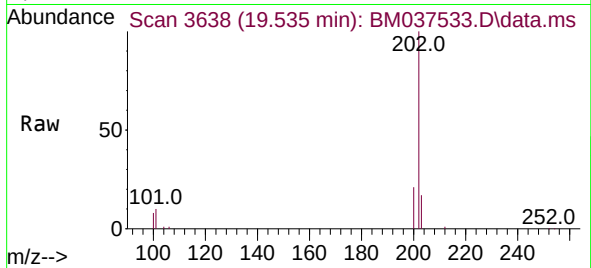




#19
Fluoranthene
Concen: 0.357 ng/ul
RT: 19.535 min Scan# 3638
Delta R.T. -0.005 min
Lab File: BM037533.D
Acq: 17 Nov 2022 18:50

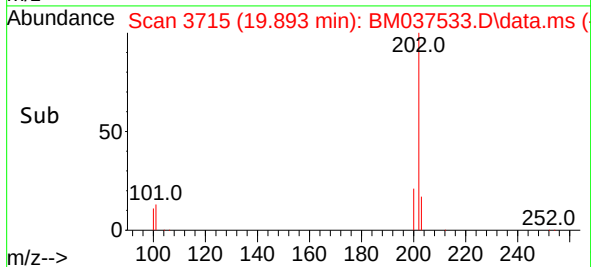
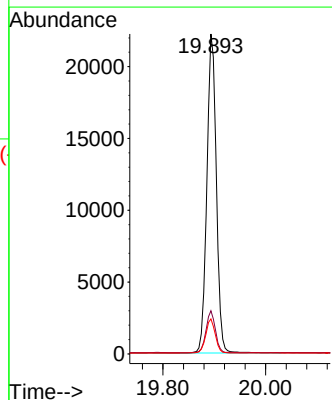
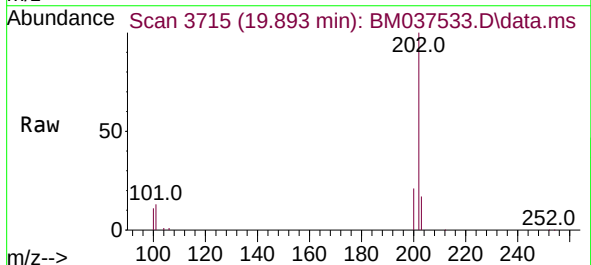
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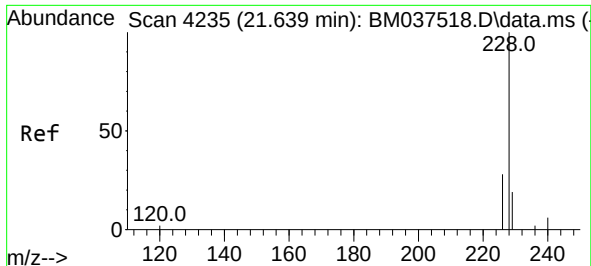
Tgt Ion:202 Resp: 27909
Ion Ratio Lower Upper
202 100
101 10.3 8.2 12.2
100 8.2 6.1 9.1



#20
Pyrene
Concen: 0.350 ng/ul
RT: 19.893 min Scan# 3715
Delta R.T. -0.005 min
Lab File: BM037533.D
Acq: 17 Nov 2022 18:50

Tgt Ion:202 Resp: 28509
Ion Ratio Lower Upper
202 100
101 13.5 10.1 15.1
100 10.9 8.0 12.0

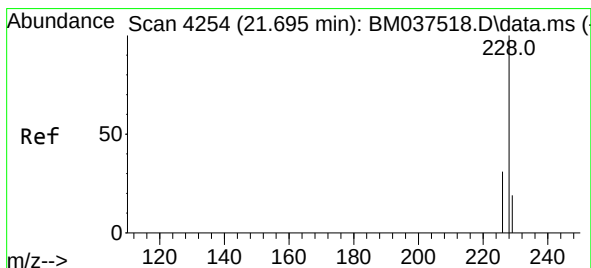
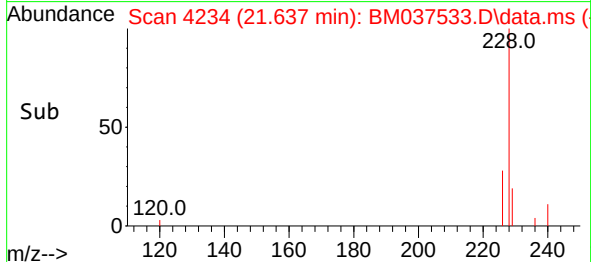
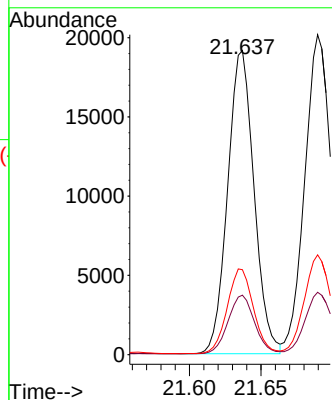
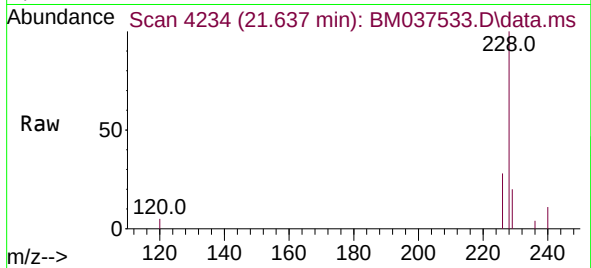




#21
Benzo(a)anthracene
Concen: 0.338 ng/ul
RT: 21.637 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM037533.D
Acq: 17 Nov 2022 18:50

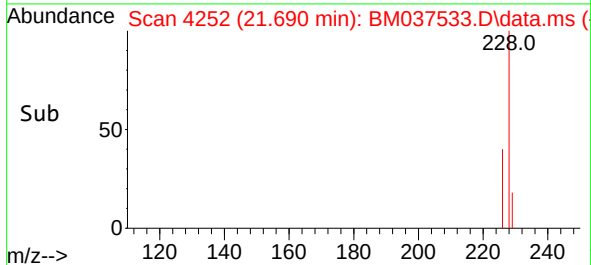
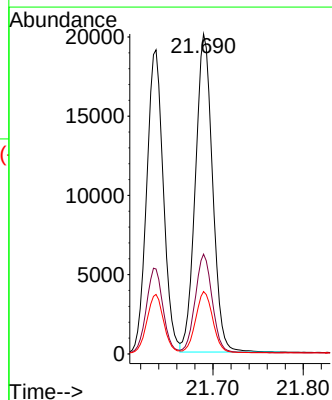
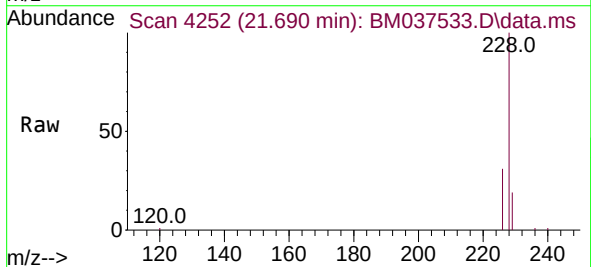
Instrument :
BNA_M
ClientSampleId :
SLCS121

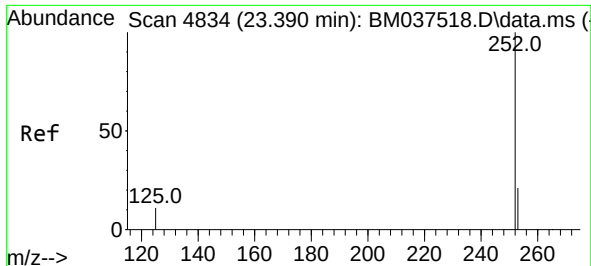
Tgt Ion:228 Resp: 24541
Ion Ratio Lower Upper
228 100
229 19.5 15.7 23.5
226 27.9 22.2 33.2



#22
Chrysene
Concen: 0.368 ng/ul
RT: 21.690 min Scan# 4252
Delta R.T. -0.003 min
Lab File: BM037533.D
Acq: 17 Nov 2022 18:50

Tgt Ion:228 Resp: 26505
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 19.5 15.5 23.3

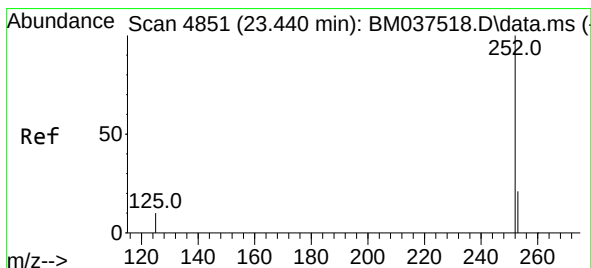
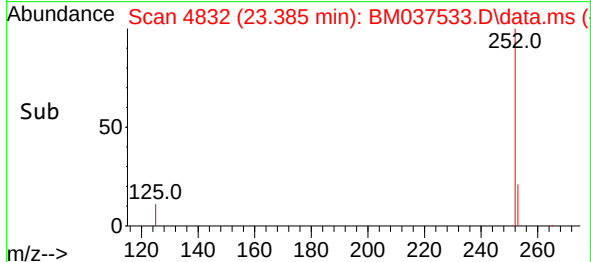
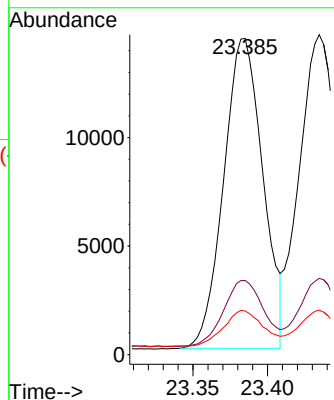
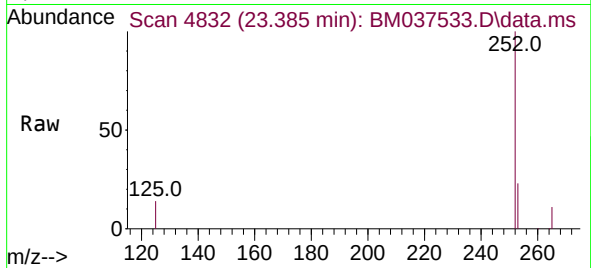




#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul
RT: 23.385 min Scan# 4832
Delta R.T. -0.003 min
Lab File: BM037533.D
Acq: 17 Nov 2022 18:50

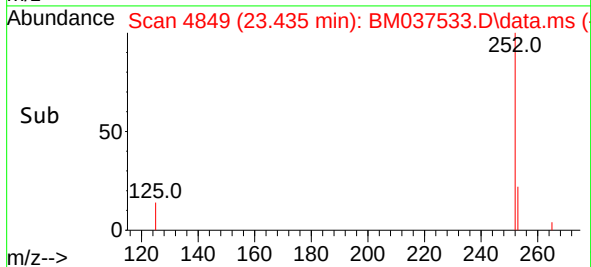
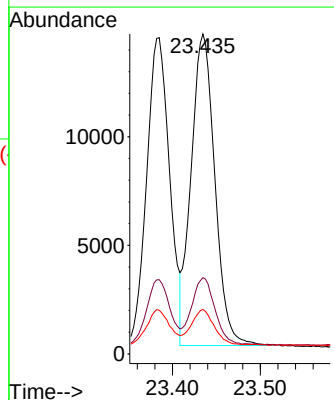
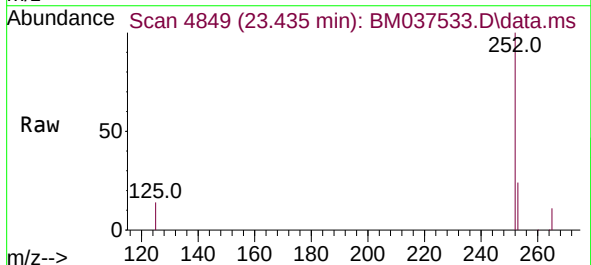
Instrument :
BNA_M
ClientSampleId :
SLCS121

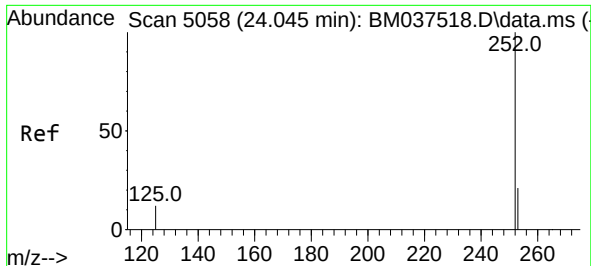
Tgt Ion:252 Resp: 26127
Ion Ratio Lower Upper
252 100
253 23.4 0.0 46.2
125 13.8 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 23.435 min Scan# 4849
Delta R.T. -0.003 min
Lab File: BM037533.D
Acq: 17 Nov 2022 18:50

Tgt Ion:252 Resp: 26934
Ion Ratio Lower Upper
252 100
253 23.8 18.8 28.2
125 13.9 9.8 14.6

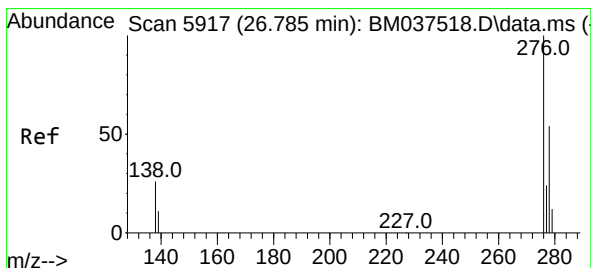
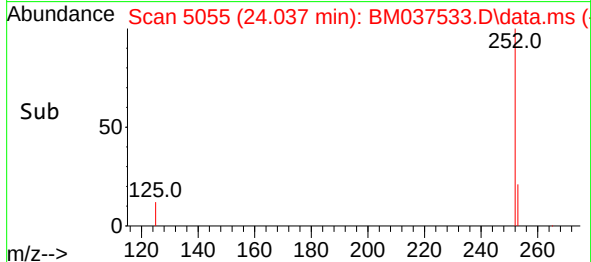
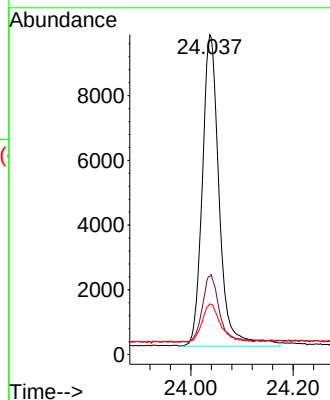
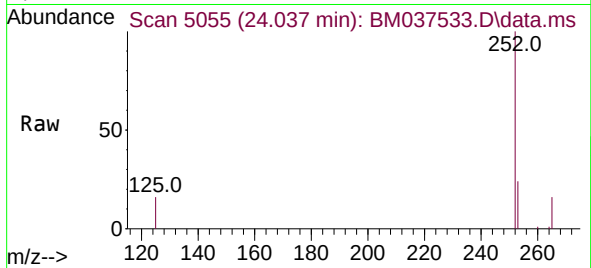




#26
Benzo(a)pyrene
Concen: 0.359 ng/ul
RT: 24.037 min Scan# 5055
Delta R.T. -0.006 min
Lab File: BM037533.D
Acq: 17 Nov 2022 18:50

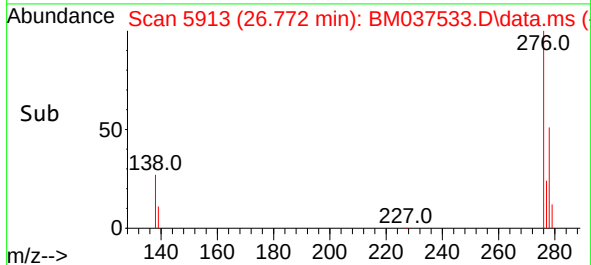
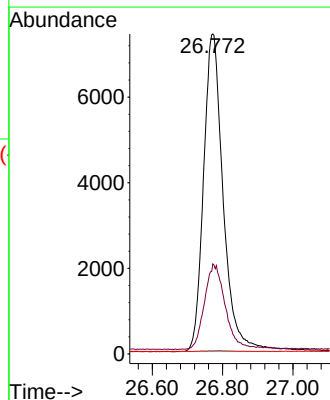
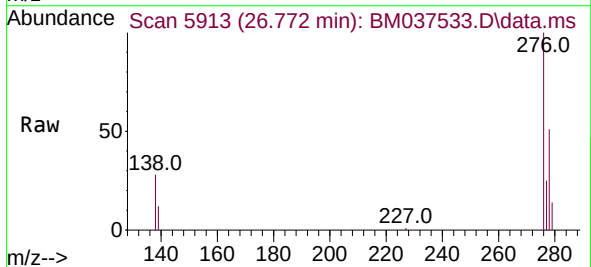
Instrument :
BNA_M
ClientSampleId :
SLCS121

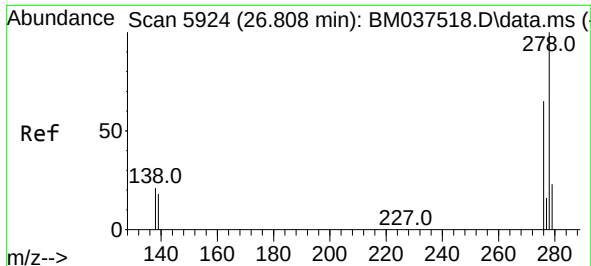
Tgt Ion:	252	Resp:	22053
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.8	28.2
125	15.8	10.5	15.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.354 ng/ul
RT: 26.772 min Scan# 5913
Delta R.T. -0.006 min
Lab File: BM037533.D
Acq: 17 Nov 2022 18:50

Tgt Ion:	276	Resp:	28809
Ion Ratio	Lower	Upper	
276	100		
138	28.6	21.2	31.8
227	0.0	0.1	0.1#

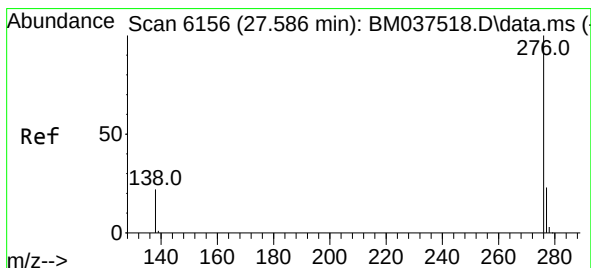
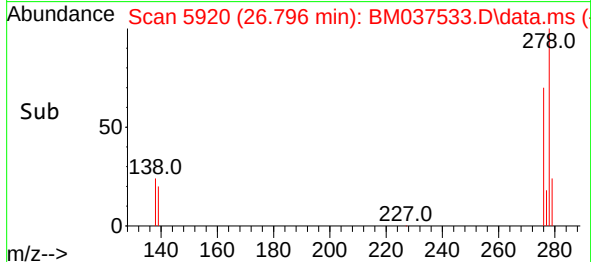
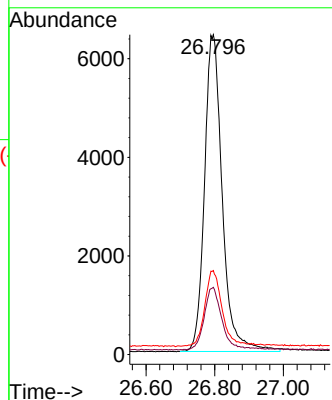
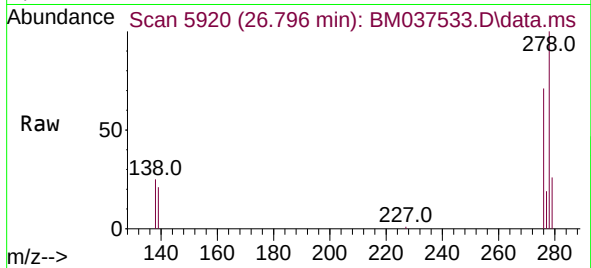




#28
Dibenzo(a,h)anthracene
Concen: 0.362 ng/ul
RT: 26.796 min Scan# 5920
Delta R.T. -0.010 min
Lab File: BM037533.D
Acq: 17 Nov 2022 18:50

Instrument :
BNA_M
ClientSampleId :
SLCS121

Tgt Ion:278 Resp: 23101
Ion Ratio Lower Upper
278 100
139 21.0 15.2 22.8
279 26.3 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.359 ng/ul
RT: 27.574 min Scan# 6152
Delta R.T. -0.013 min
Lab File: BM037533.D
Acq: 17 Nov 2022 18:50

Tgt Ion:276 Resp: 24806
Ion Ratio Lower Upper
276 100
138 24.7 19.0 28.4
277 23.8 19.4 29.2

