

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111321\
 Data File : BM033095.D
 Acq On : 15 Nov 2021 00:46
 Operator : CG/JU
 Sample : PB140684BS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS684

Quant Time: Nov 15 04:08:17 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 : Mon Nov 15 03:11:31 2021
 Response via : Initial Calibration

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

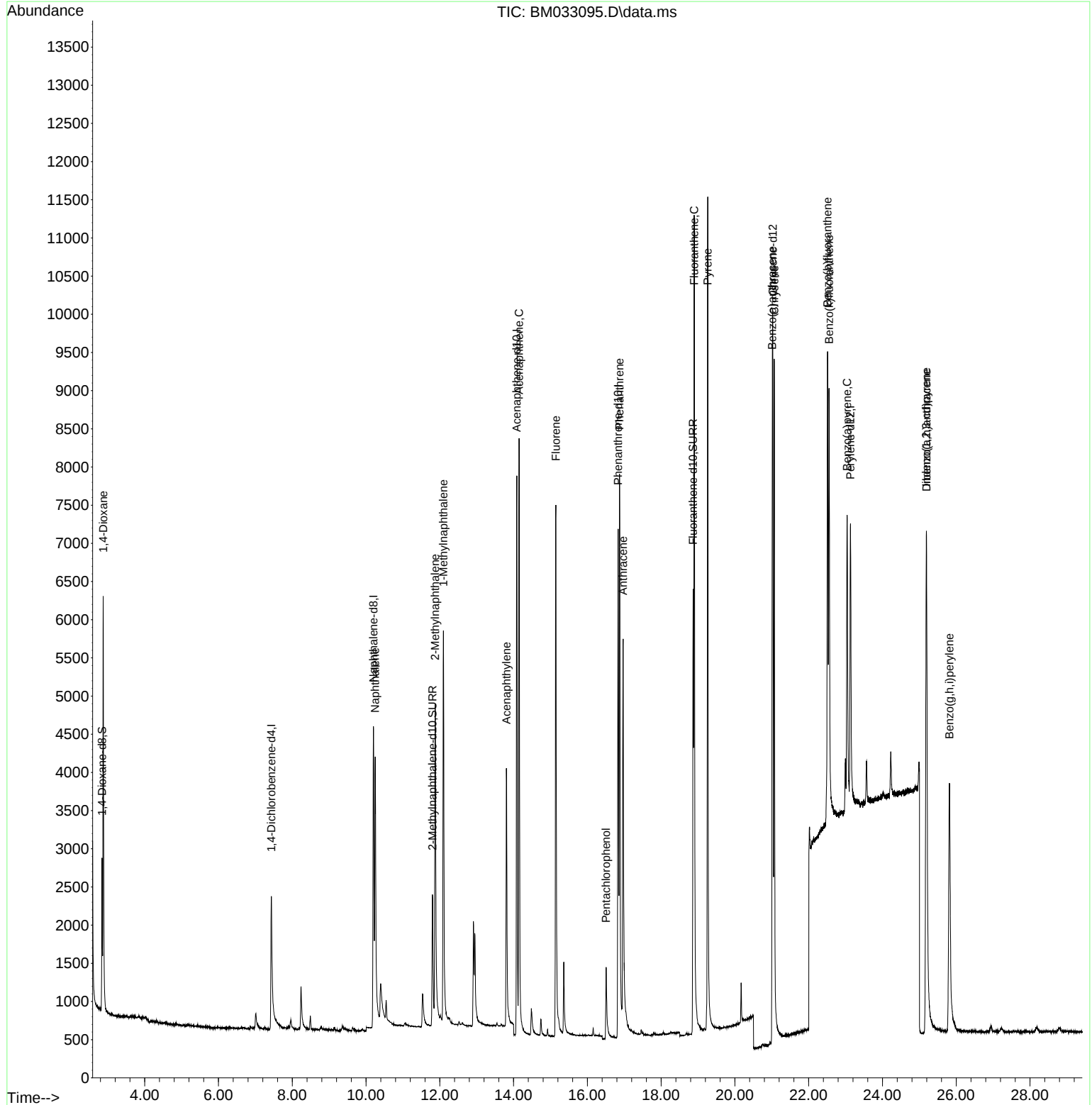
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	1580	0.400	ng/ul	0.00
4) Naphthalene-d8	10.199	136	6644	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.087	164	4225	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.834	188	8491	0.400	ng/ul	0.00
17) Chrysene-d12	21.028	240	6188	0.400	ng/ul	0.00
23) Perylene-d12	23.132	264	5043	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.843	96	1241	0.615	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.800	152	3004	0.318	ng/ul	0.00
18) Fluoranthene-d10	18.866	212	6778	0.361	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.874	88	3513	1.695	ng/ul#	88
5) Naphthalene	10.248	128	6052	0.314	ng/ul	100
7) 2-Methylnaphthalene	11.876	142	4103	0.307	ng/ul	99
8) 1-Methylnaphthalene	12.097	142	3937	0.301	ng/ul	100
10) Acenaphthylene	13.806	152	5437	0.296	ng/ul	98
11) Acenaphthene	14.148	153	4847	0.302	ng/ul	99
12) Fluorene	15.145	166	5495	0.291	ng/ul	98
14) Pentachlorophenol	16.508	266	888	0.401	ng/ul	98
15) Phenanthrene	16.872	178	8520	0.302	ng/ul	99
16) Anthracene	16.970	178	7089	0.286	ng/ul	99
19) Fluoranthene	18.896	202	9884	0.341	ng/ul	99
20) Pyrene	19.262	202	10046	0.333	ng/ul	99
21) Benzo(a)anthracene	21.013	228	7012	0.307	ng/ul	99
22) Chrysene	21.064	228	8320	0.323	ng/ul	100
24) Benzo(b)fluoranthene	22.512	252	7471	0.323	ng/ul	97
25) Benzo(k)fluoranthene	22.553	252	8158	0.329	ng/ul	97
26) Benzo(a)pyrene	23.042	252	6029	0.316	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.192	276	7713	0.351	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.194	278	6092	0.350	ng/ul	96
29) Benzo(g,h,i)perylene	25.817	276	7016	0.368	ng/ul	97

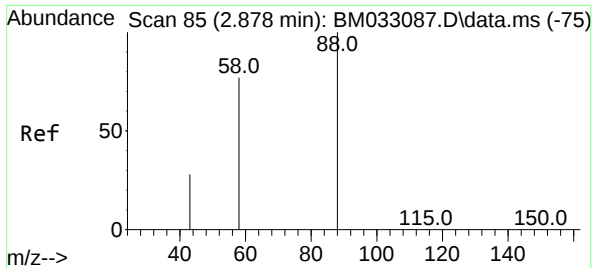
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111321\
Data File : BM033095.D
Acq On : 15 Nov 2021 00:46
Operator : CG/JU
Sample : PB140684BS
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS684

Quant Time: Nov 15 04:08:17 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 : Mon Nov 15 03:11:31 2021
Response via : Initial Calibration

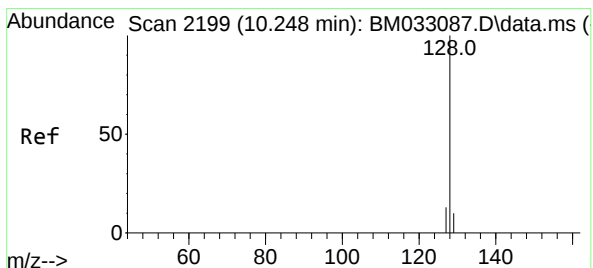
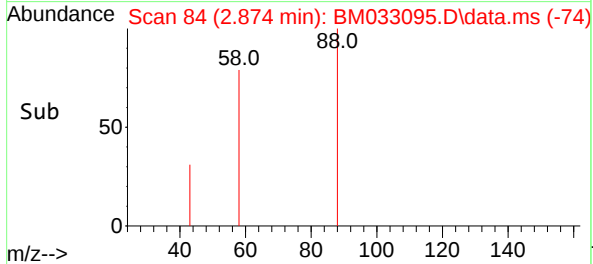
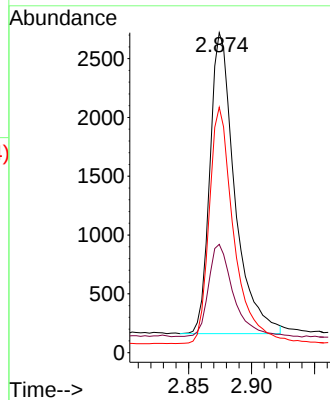
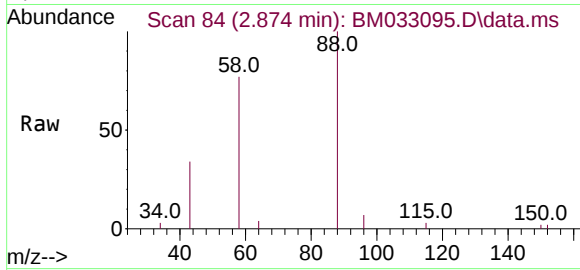




#2
1,4-Dioxane
Concen: 1.695 ng/ul
RT: 2.874 min Scan# 84
Delta R.T. -0.014 min
Lab File: BM033095.D
Acq: 15 Nov 2021 00:46

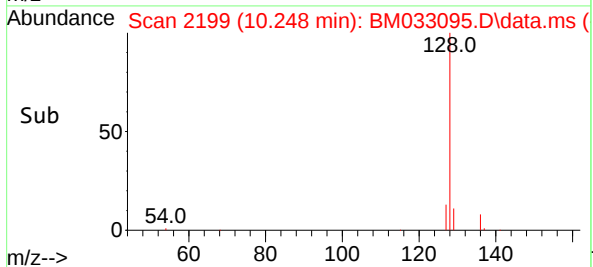
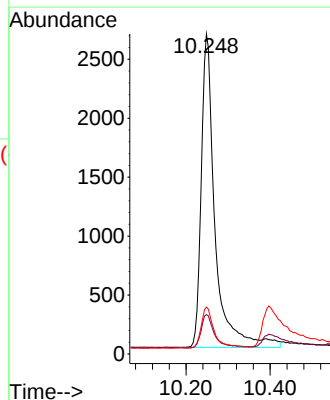
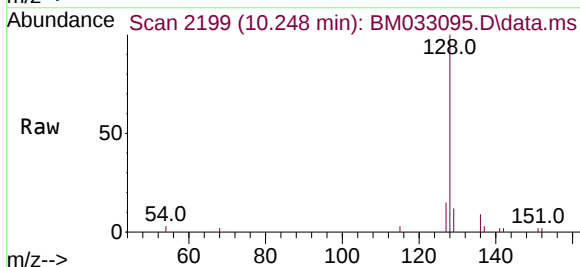
Instrument :
BNA_M
ClientSampleId :
SLCS684

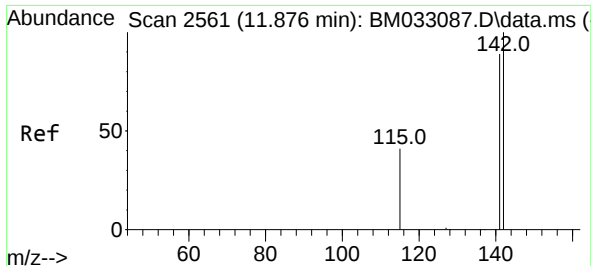
Tgt Ion: 88 Resp: 3513
Ion Ratio Lower Upper
88 100
43 33.8 35.8 53.8#
58 76.7 55.8 83.8



#5
Naphthalene
Concen: 0.314 ng/ul
RT: 10.248 min Scan# 2199
Delta R.T. -0.009 min
Lab File: BM033095.D
Acq: 15 Nov 2021 00:46

Tgt Ion: 128 Resp: 6052
Ion Ratio Lower Upper
128 100
129 12.3 9.8 14.6
127 14.7 11.8 17.8

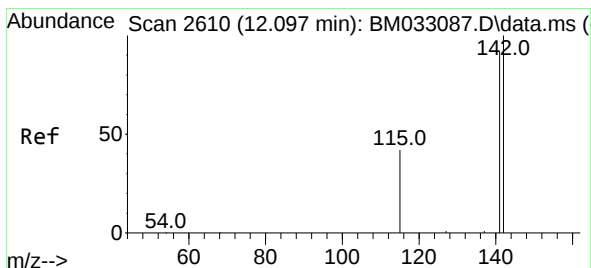
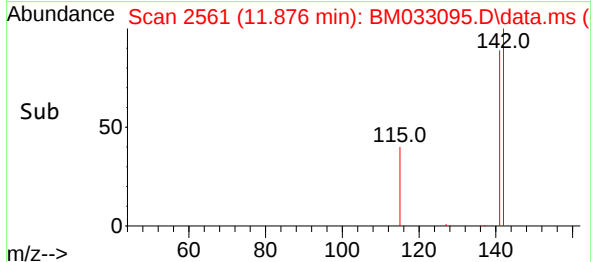
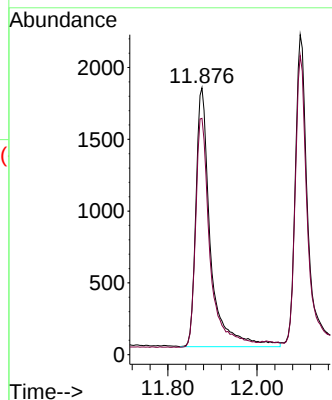
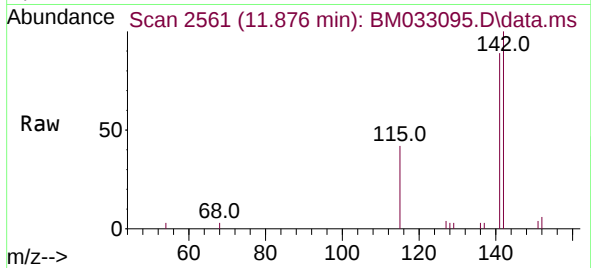




#7
2-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 11.876 min Scan# 2561
Delta R.T. -0.009 min
Lab File: BM033095.D
Acq: 15 Nov 2021 00:46

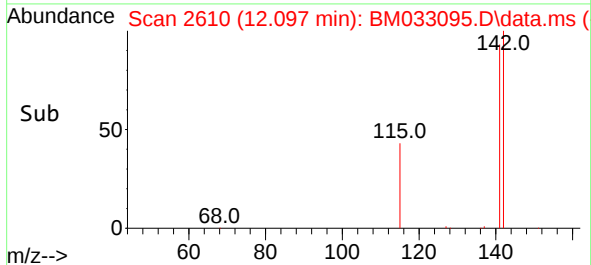
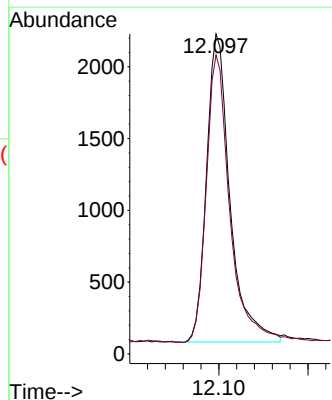
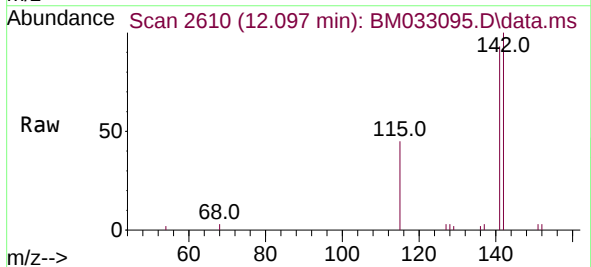
Instrument :
BNA_M
ClientSampleId :
SLCS684

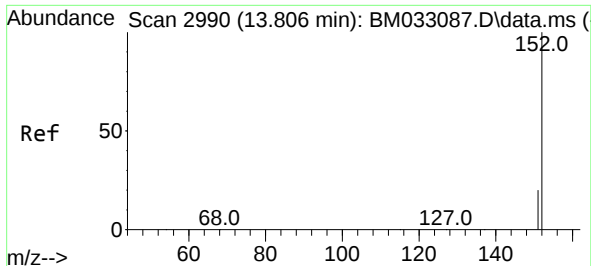
Tgt Ion:142 Resp: 4103
Ion Ratio Lower Upper
142 100
141 90.7 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.097 min Scan# 2610
Delta R.T. -0.009 min
Lab File: BM033095.D
Acq: 15 Nov 2021 00:46

Tgt Ion:142 Resp: 3937
Ion Ratio Lower Upper
142 100
141 93.2 74.5 111.7

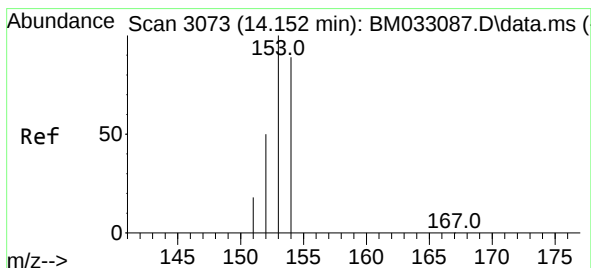
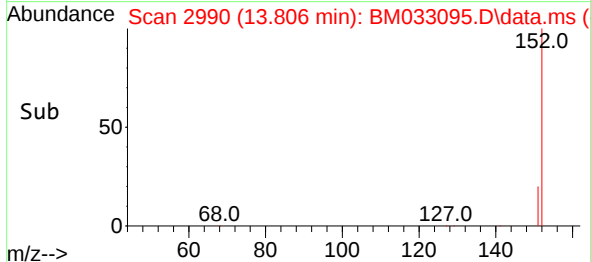
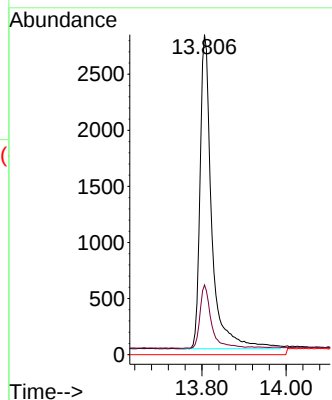
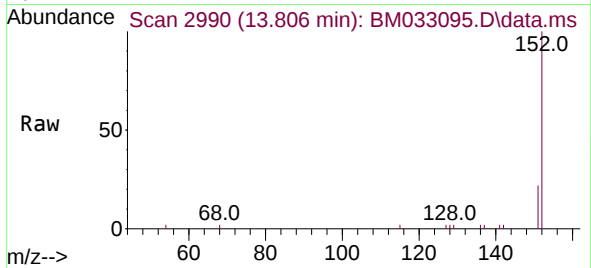




#10
Acenaphthylene
Concen: 0.296 ng/ul
RT: 13.806 min Scan# 2990
Delta R.T. -0.009 min
Lab File: BM033095.D
Acq: 15 Nov 2021 00:46

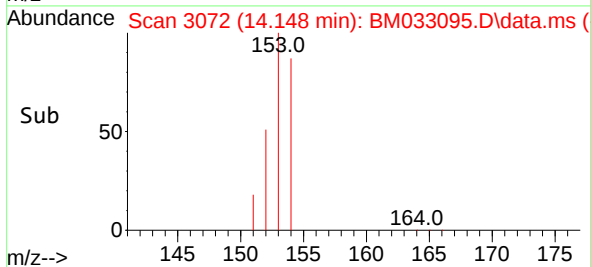
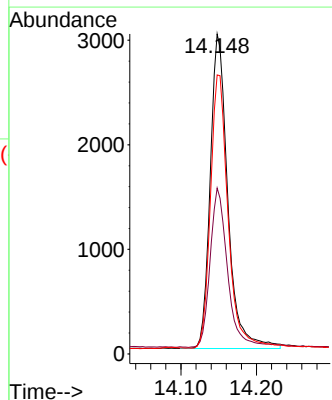
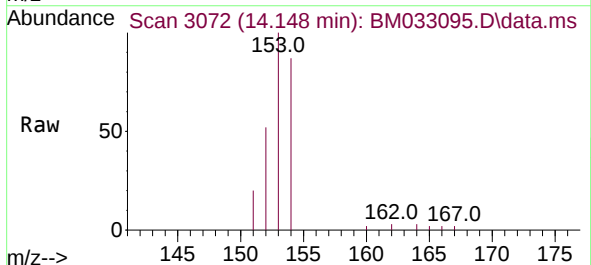
Instrument :
BNA_M
ClientSampleId :
SLCS684

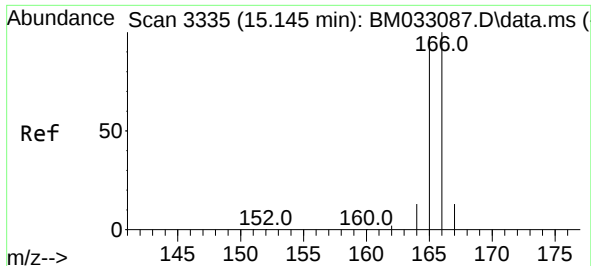
Tgt Ion:152 Resp: 5437
Ion Ratio Lower Upper
152 100
151 21.8 16.7 25.1
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.302 ng/ul
RT: 14.148 min Scan# 3072
Delta R.T. -0.011 min
Lab File: BM033095.D
Acq: 15 Nov 2021 00:46

Tgt Ion:153 Resp: 4847
Ion Ratio Lower Upper
153 100
152 51.8 40.6 60.8
154 87.2 70.8 106.2

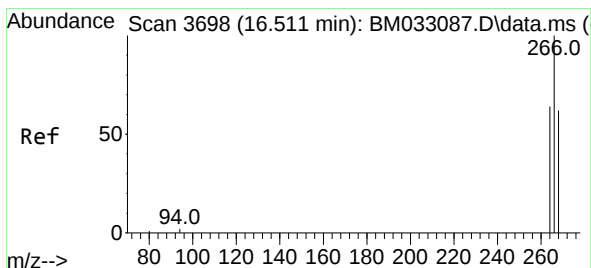
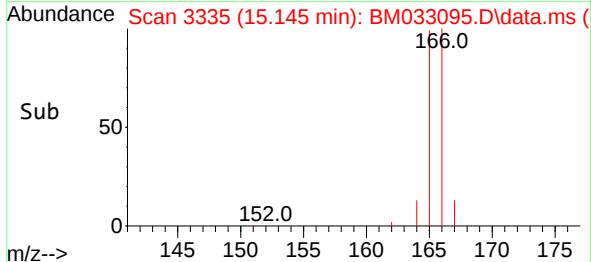
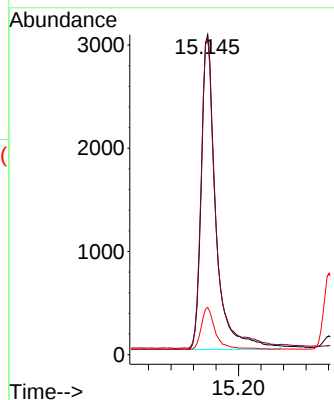
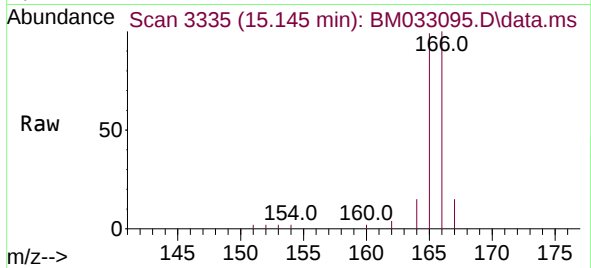




#12
 Fluorene
 Concen: 0.291 ng/ul
 RT: 15.145 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BM033095.D
 Acq: 15 Nov 2021 00:46

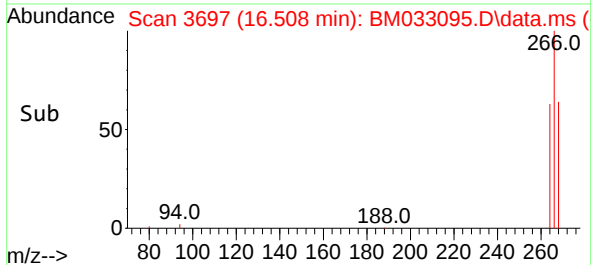
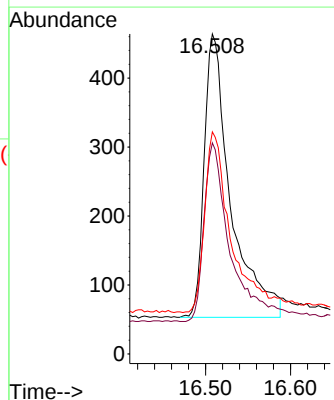
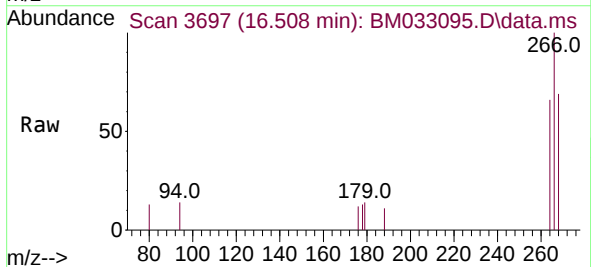
Instrument :
 BNA_M
 ClientSampleId :
 SLCS684

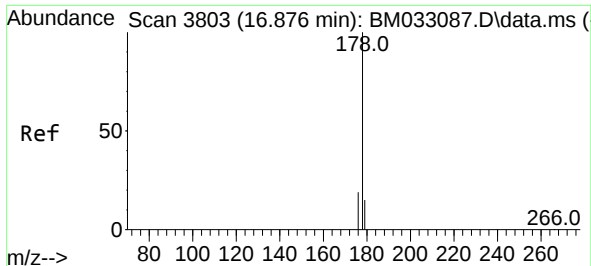
Tgt Ion:	166	Resp:	5495
Ion Ratio	Lower	Upper	
166	100		
165	99.0	80.8	121.2
167	14.7	11.7	17.5



#14
 Pentachlorophenol
 Concen: 0.401 ng/ul
 RT: 16.508 min Scan# 3697
 Delta R.T. -0.003 min
 Lab File: BM033095.D
 Acq: 15 Nov 2021 00:46

Tgt Ion:	266	Resp:	888
Ion Ratio	Lower	Upper	
266	100		
264	62.7	51.2	76.8
268	64.8	52.9	79.3

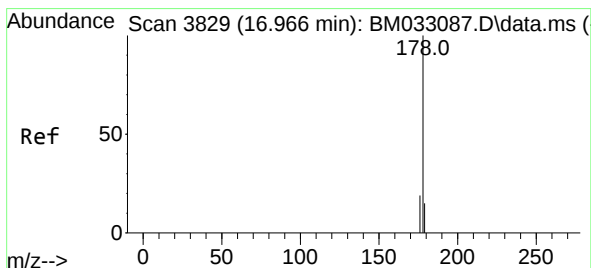
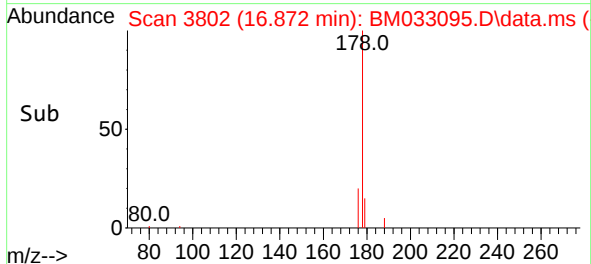
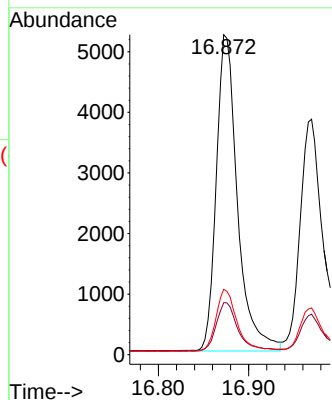
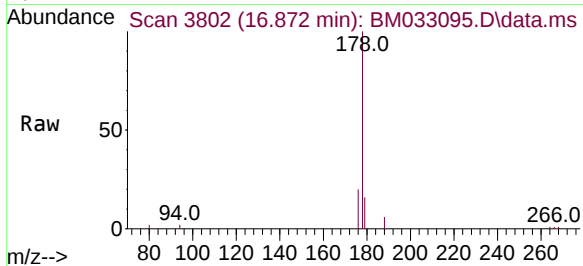




#15
Phenanthrene
Concen: 0.302 ng/ul
RT: 16.872 min Scan# 3802
Delta R.T. -0.010 min
Lab File: BM033095.D
Acq: 15 Nov 2021 00:46

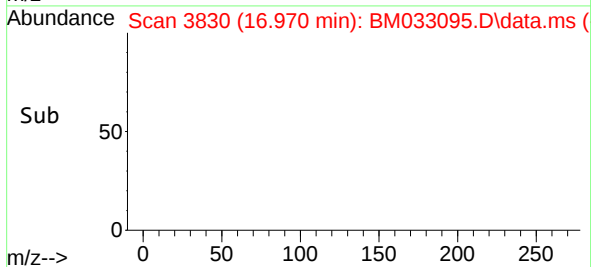
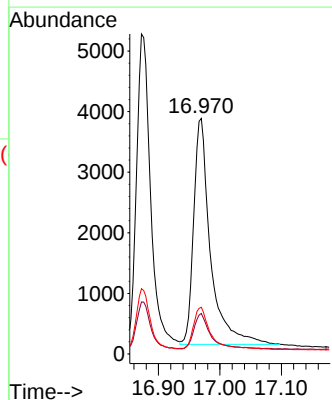
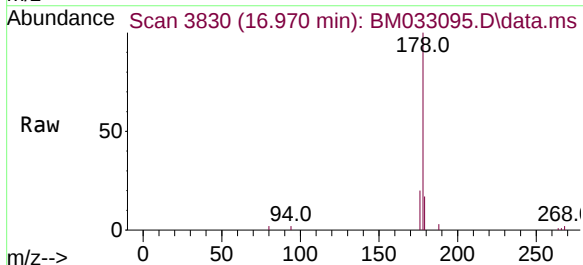
Instrument :
BNA_M
ClientSampleId :
SLCS684

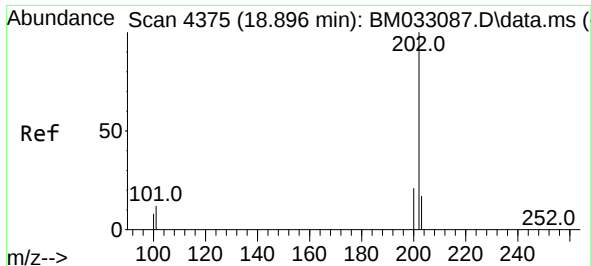
Tgt Ion:178 Resp: 8520
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 20.4 16.0 24.0



#16
Anthracene
Concen: 0.286 ng/ul
RT: 16.970 min Scan# 3830
Delta R.T. -0.003 min
Lab File: BM033095.D
Acq: 15 Nov 2021 00:46

Tgt Ion:178 Resp: 7089
Ion Ratio Lower Upper
178 100
179 17.2 13.0 19.6
176 19.8 15.6 23.4

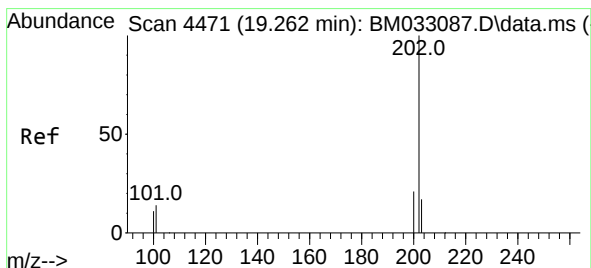
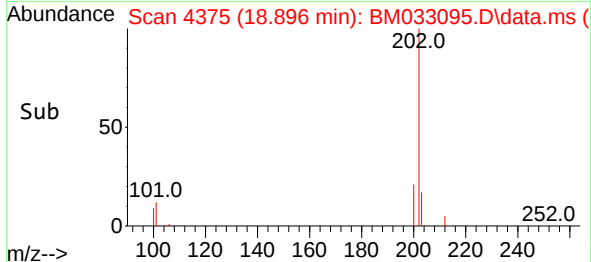
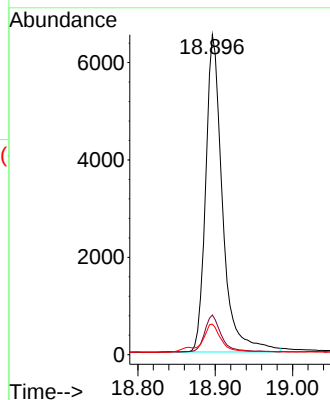
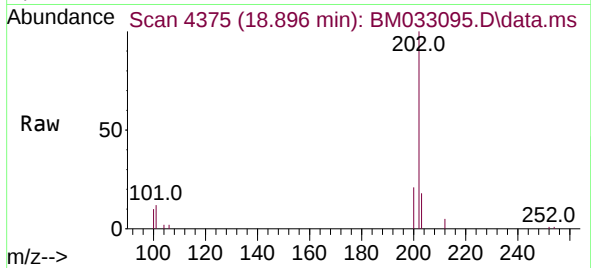




#19
Fluoranthene
Concen: 0.341 ng/ul
RT: 18.896 min Scan# 41
Delta R.T. -0.008 min
Lab File: BM033095.D
Acq: 15 Nov 2021 00:46

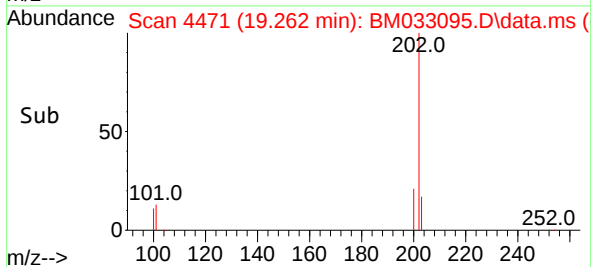
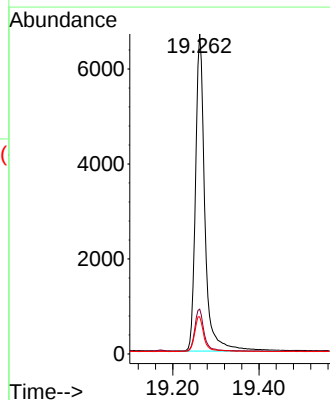
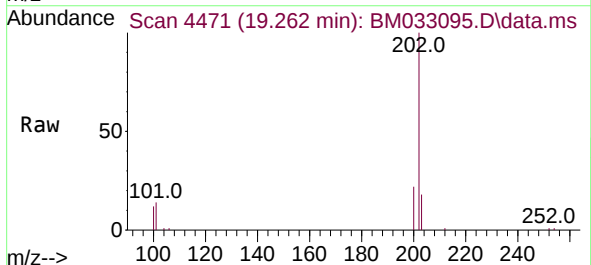
Instrument :
BNA_M
ClientSampleId :
SLCS684

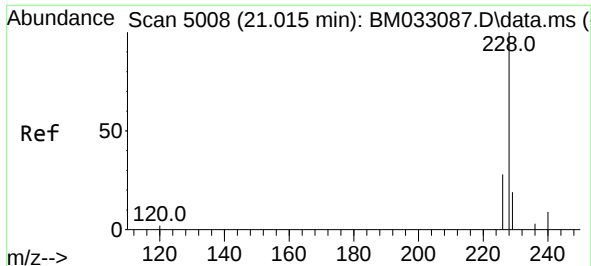
Tgt Ion:202 Resp: 9884
Ion Ratio Lower Upper
202 100
101 12.4 9.9 14.9
100 9.5 7.3 10.9



#20
Pyrene
Concen: 0.333 ng/ul
RT: 19.262 min Scan# 4471
Delta R.T. -0.008 min
Lab File: BM033095.D
Acq: 15 Nov 2021 00:46

Tgt Ion:202 Resp: 10046
Ion Ratio Lower Upper
202 100
101 14.0 11.8 17.6
100 11.6 9.5 14.3

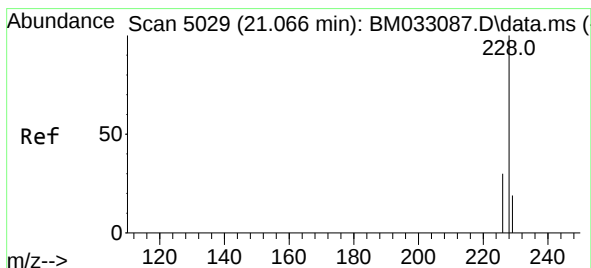
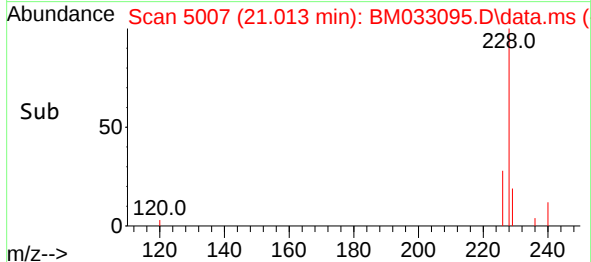
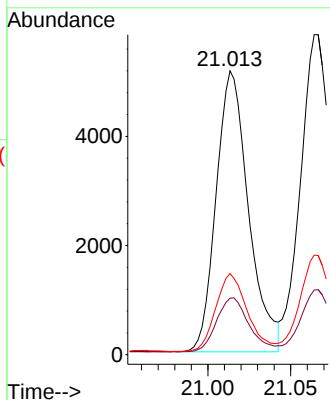
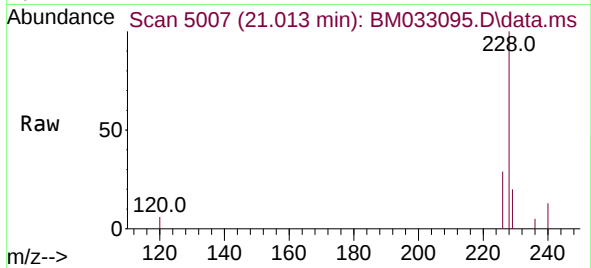




#21
Benzo(a)anthracene
Concen: 0.307 ng/ul
RT: 21.013 min Scan# 5008
Delta R.T. -0.007 min
Lab File: BM033095.D
Acq: 15 Nov 2021 00:46

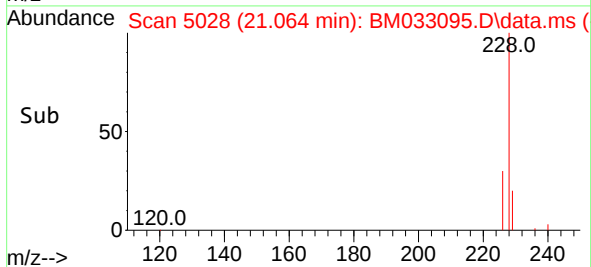
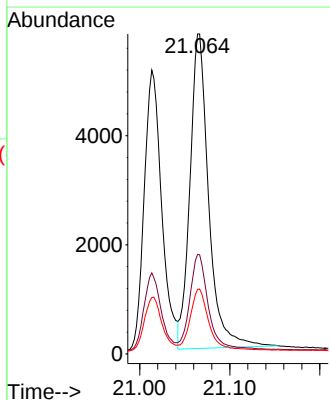
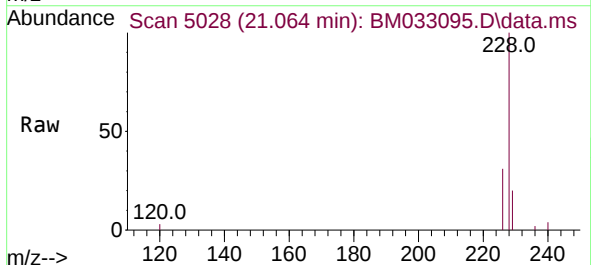
Instrument :
BNA_M
ClientSampleId :
SLCS684

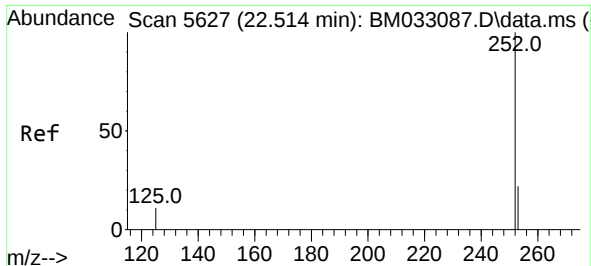
Tgt Ion:228	Resp:	7012
Ion Ratio	Lower	Upper
228	100	
229	19.9	15.7 23.5
226	28.6	22.4 33.6



#22
Chrysene
Concen: 0.323 ng/ul
RT: 21.064 min Scan# 5028
Delta R.T. -0.007 min
Lab File: BM033095.D
Acq: 15 Nov 2021 00:46

Tgt Ion:228	Resp:	8320
Ion Ratio	Lower	Upper
228	100	
226	31.1	24.9 37.3
229	20.2	16.1 24.1

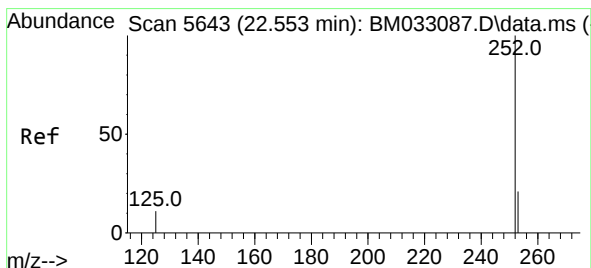
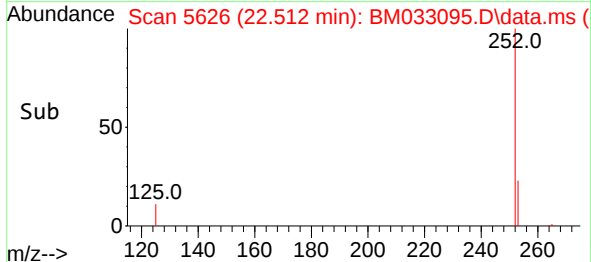
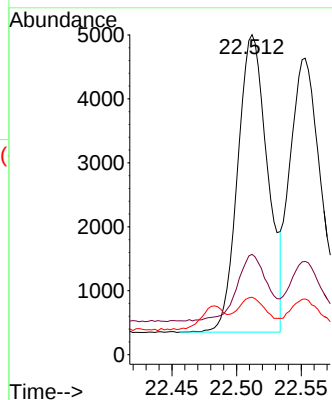
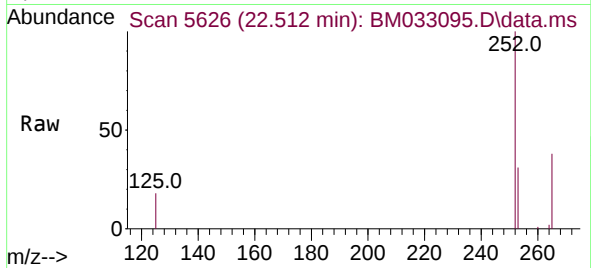




#24
Benzo(b)fluoranthene
Concen: 0.323 ng/ul
RT: 22.512 min Scan# 5626
Delta R.T. -0.007 min
Lab File: BM033095.D
Acq: 15 Nov 2021 00:46

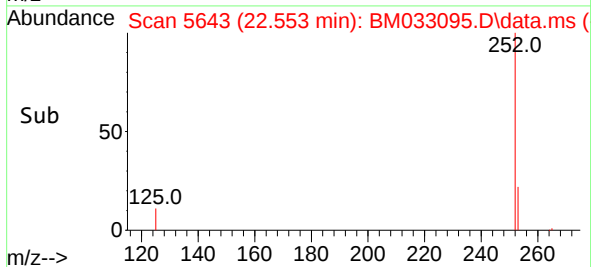
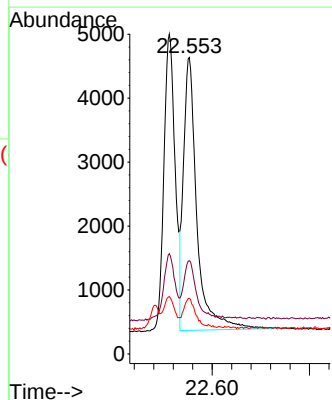
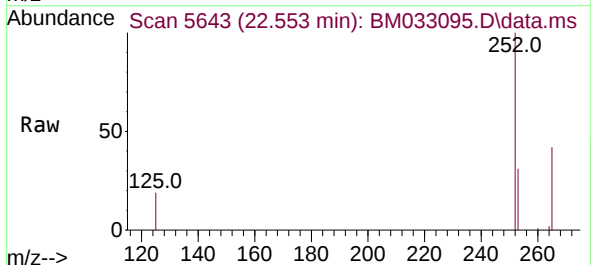
Instrument :
BNA_M
ClientSampleId :
SLCS684

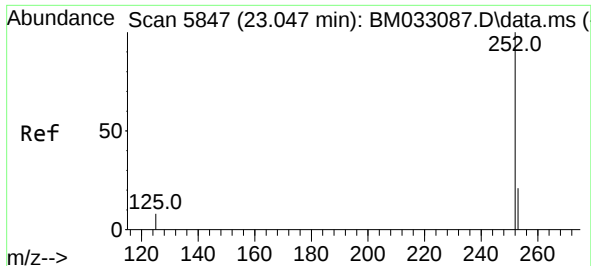
Tgt Ion:252 Resp: 7471
Ion Ratio Lower Upper
252 100
253 31.3 0.0 59.2
125 18.0 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.329 ng/ul
RT: 22.553 min Scan# 5643
Delta R.T. -0.007 min
Lab File: BM033095.D
Acq: 15 Nov 2021 00:46

Tgt Ion:252 Resp: 8158
Ion Ratio Lower Upper
252 100
253 31.5 23.1 34.7
125 18.8 14.6 21.8

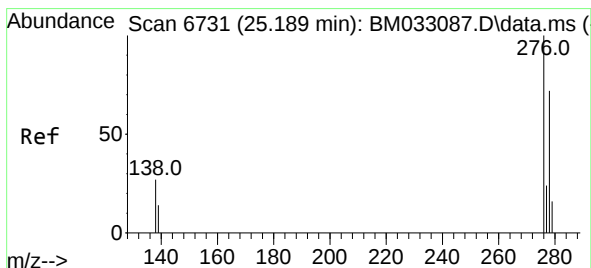
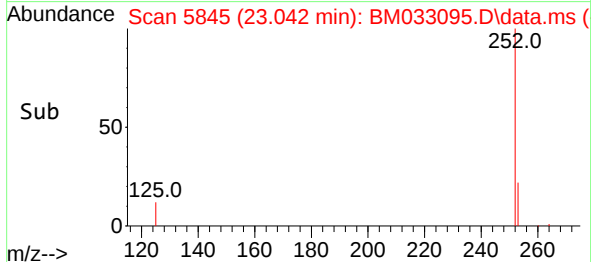
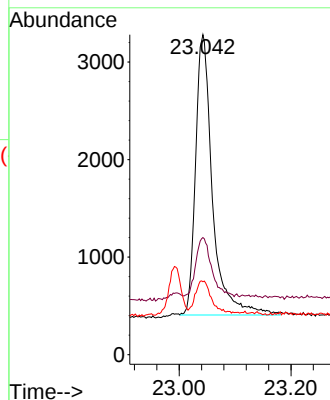
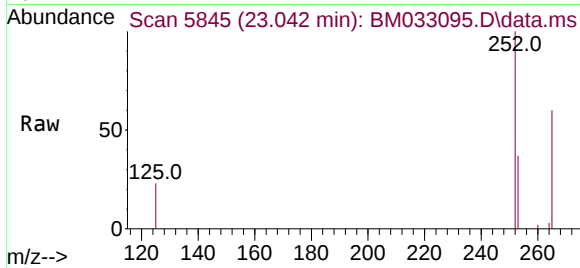




#26
Benzo(a)pyrene
Concen: 0.316 ng/ul
RT: 23.042 min Scan# 5845
Delta R.T. -0.010 min
Lab File: BM033095.D
Acq: 15 Nov 2021 00:46

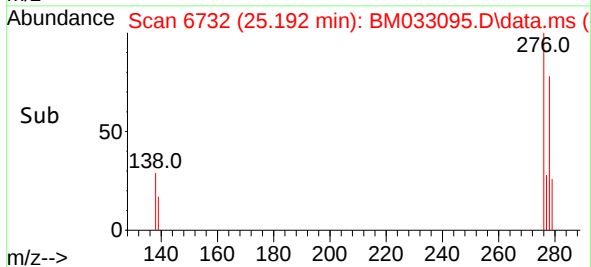
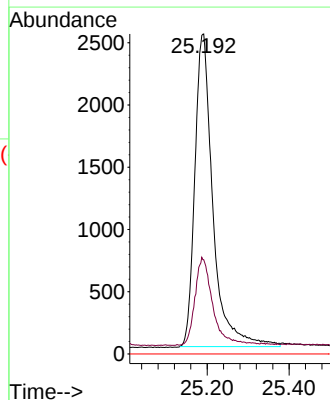
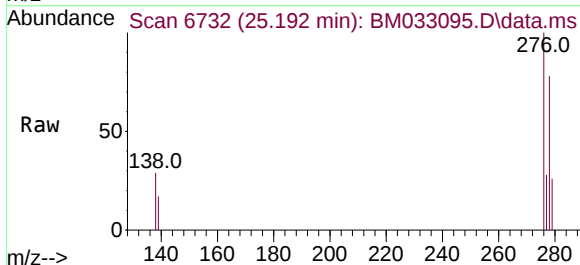
Instrument :
BNA_M
ClientSampleId :
SLCS684

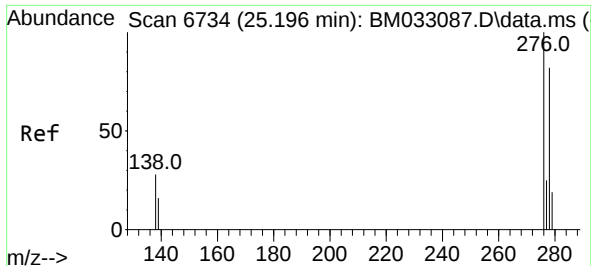
Tgt Ion:252	Resp:	6029
Ion Ratio	Lower	Upper
252	100	
253	36.6	27.1 40.7
125	22.8	17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.351 ng/ul
RT: 25.192 min Scan# 6732
Delta R.T. -0.007 min
Lab File: BM033095.D
Acq: 15 Nov 2021 00:46

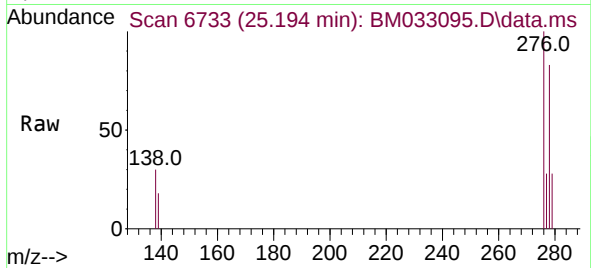
Tgt Ion:276	Resp:	7713
Ion Ratio	Lower	Upper
276	100	
138	31.1	22.9 34.3
227	0.0	0.0 0.0



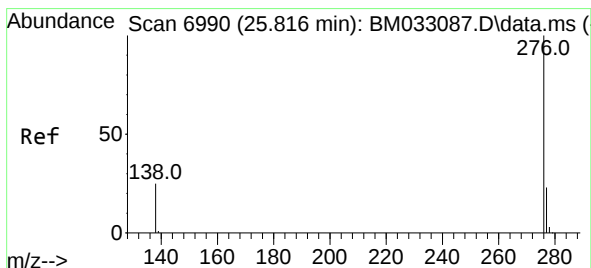
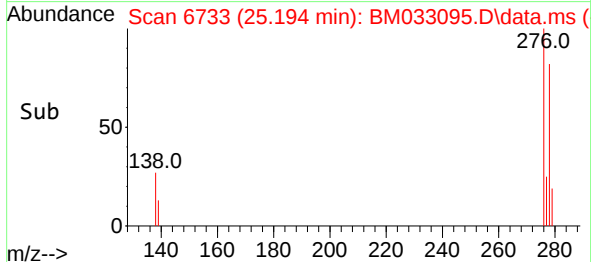
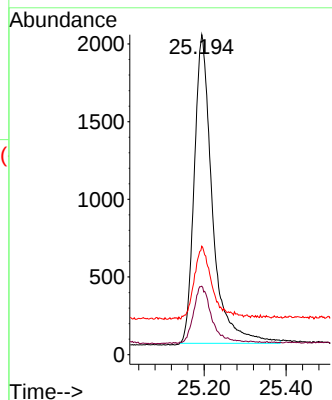


#28
Dibenzo(a,h)anthracene
Concen: 0.350 ng/ul
RT: 25.194 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM033095.D
Acq: 15 Nov 2021 00:46

Instrument :
BNA_M
ClientSampleId :
SLCS684



Tgt Ion:278 Resp: 6092
Ion Ratio Lower Upper
278 100
139 21.4 18.2 27.2
279 33.9 24.6 36.8



#29
Benzo(g,h,i)perylene
Concen: 0.368 ng/ul
RT: 25.817 min Scan# 6990
Delta R.T. -0.012 min
Lab File: BM033095.D
Acq: 15 Nov 2021 00:46

Tgt Ion:276 Resp: 7016
Ion Ratio Lower Upper
276 100
138 25.4 22.2 33.2
277 27.0 21.0 31.4

