

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111321\
 Data File : BM033092.D
 Acq On : 14 Nov 2021 22:57
 Operator : CG/JU
 Sample : PB140485BS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS485

Quant Time: Nov 15 04:06:04 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

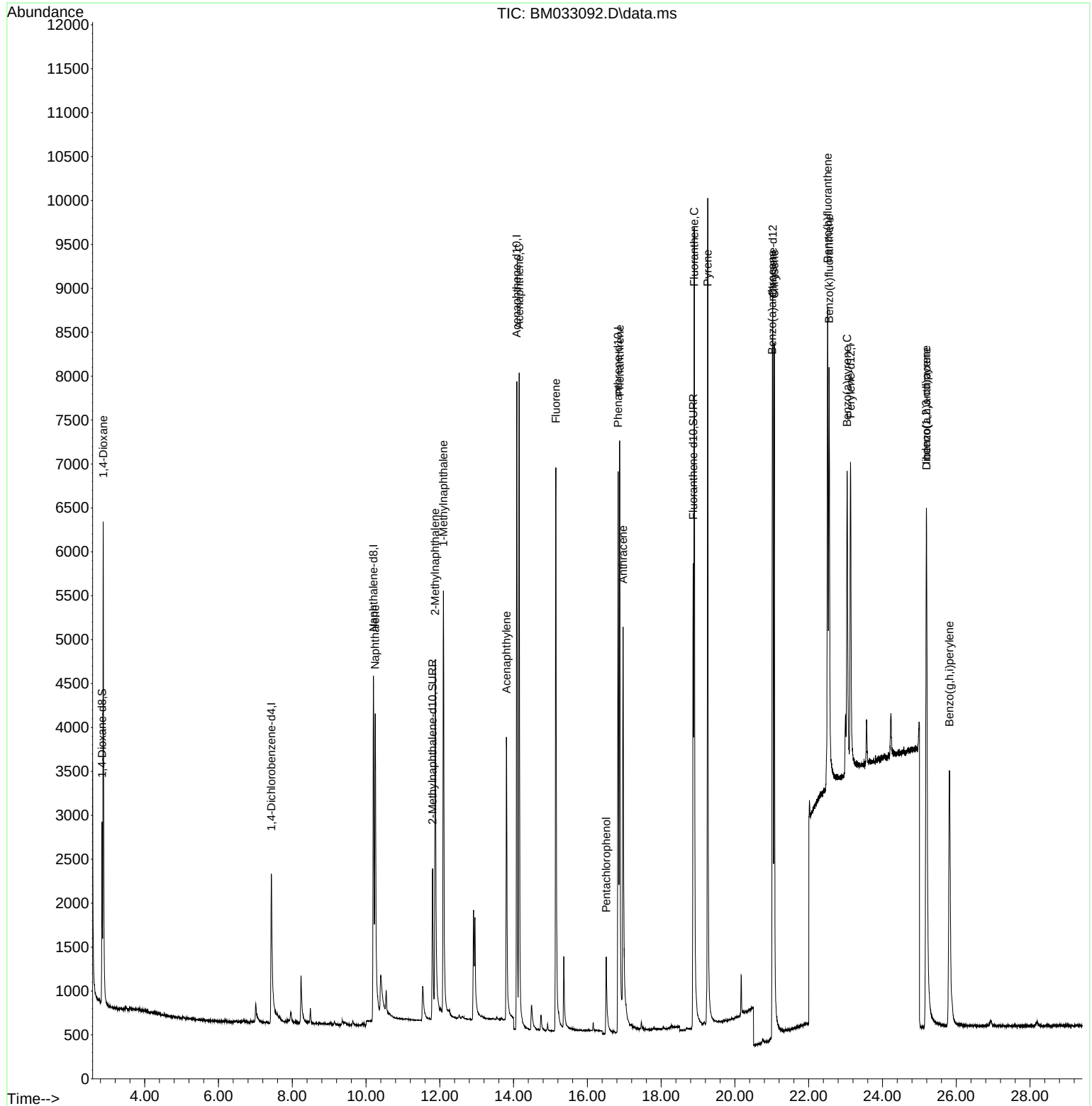
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	1545	0.400	ng/ul	0.00
4) Naphthalene-d8	10.199	136	6439	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.087	164	4058	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.834	188	8037	0.400	ng/ul	0.00
17) Chrysene-d12	21.030	240	5798	0.400	ng/ul	0.00
23) Perylene-d12	23.134	264	4686	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.843	96	1262	0.640	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.804	152	3008	0.329	ng/ul	0.00
18) Fluoranthene-d10	18.869	212	6259	0.356	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.874	88	3540	1.747	ng/ul#	89
5) Naphthalene	10.248	128	5853	0.313	ng/ul	99
7) 2-Methylnaphthalene	11.876	142	3904	0.301	ng/ul	100
8) 1-Methylnaphthalene	12.097	142	3780	0.298	ng/ul	100
10) Acenaphthylene	13.806	152	5140	0.291	ng/ul	99
11) Acenaphthene	14.151	153	4565	0.296	ng/ul	100
12) Fluorene	15.145	166	5092	0.280	ng/ul	98
14) Pentachlorophenol	16.511	266	863	0.412	ng/ul	98
15) Phenanthrene	16.876	178	7746	0.290	ng/ul	100
16) Anthracene	16.969	178	6400	0.273	ng/ul	99
19) Fluoranthene	18.896	202	8628	0.317	ng/ul	99
20) Pyrene	19.262	202	8804	0.311	ng/ul	100
21) Benzo(a)anthracene	21.013	228	6119	0.286	ng/ul	99
22) Chrysene	21.066	228	7337	0.304	ng/ul	100
24) Benzo(b)fluoranthene	22.514	252	6337	0.295	ng/ul	96
25) Benzo(k)fluoranthene	22.553	252	7199	0.312	ng/ul	94
26) Benzo(a)pyrene	23.042	252	5271	0.297	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.191	276	6796	0.333	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.194	278	5423	0.336	ng/ul	95
29) Benzo(g,h,i)perylene	25.816	276	6263	0.354	ng/ul	97

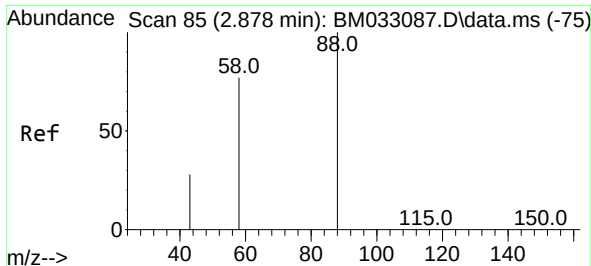
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111321\
Data File : BM033092.D
Acq On : 14 Nov 2021 22:57
Operator : CG/JU
Sample : PB140485BS
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS485

Quant Time: Nov 15 04:06:04 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

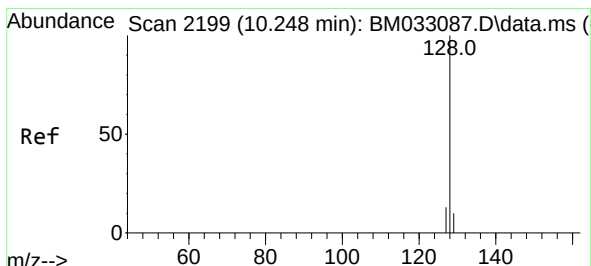
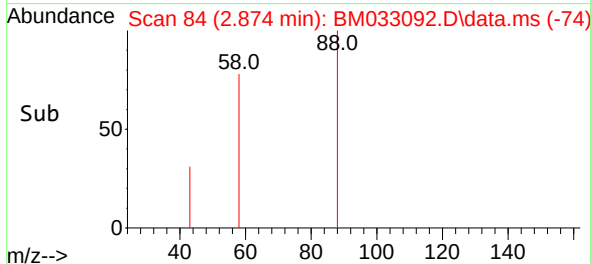
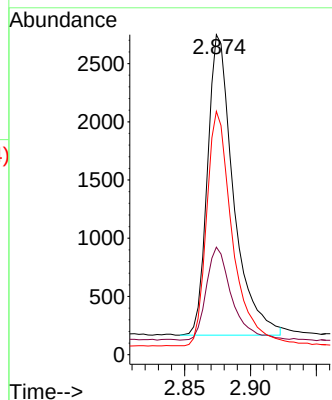
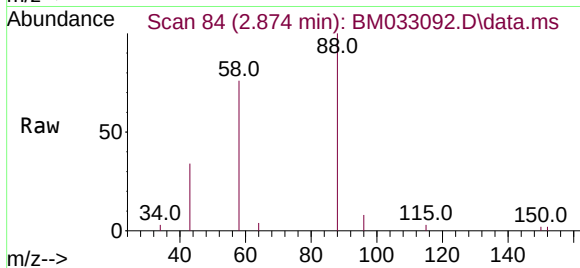




#2
1,4-Dioxane
Concen: 1.747 ng/ul
RT: 2.874 min Scan# 84
Delta R.T. -0.014 min
Lab File: BM033092.D
Acq: 14 Nov 2021 22:57

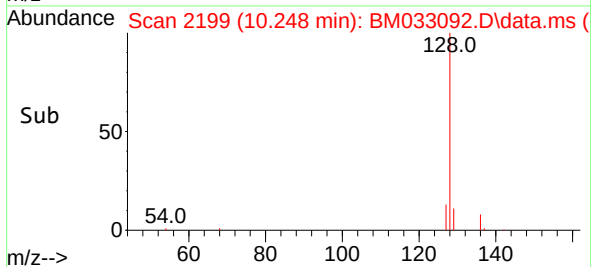
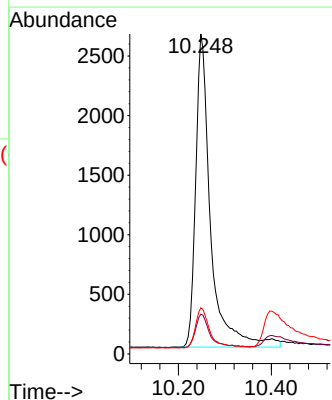
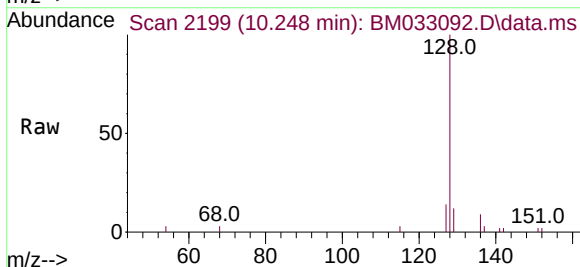
Instrument :
BNA_M
ClientSampleId :
SLCS485

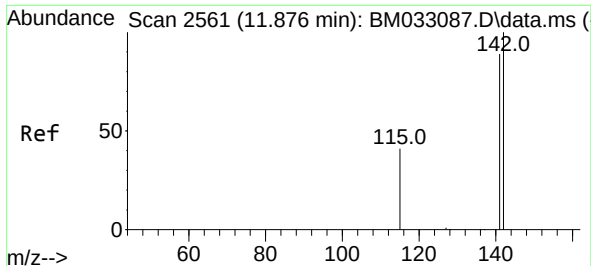
Tgt Ion: 88 Resp: 3540
Ion Ratio Lower Upper
88 100
43 33.6 35.8 53.8#
58 76.1 55.8 83.8



#5
Naphthalene
Concen: 0.313 ng/ul
RT: 10.248 min Scan# 2199
Delta R.T. -0.009 min
Lab File: BM033092.D
Acq: 14 Nov 2021 22:57

Tgt Ion: 128 Resp: 5853
Ion Ratio Lower Upper
128 100
129 12.4 9.8 14.6
127 14.5 11.8 17.8

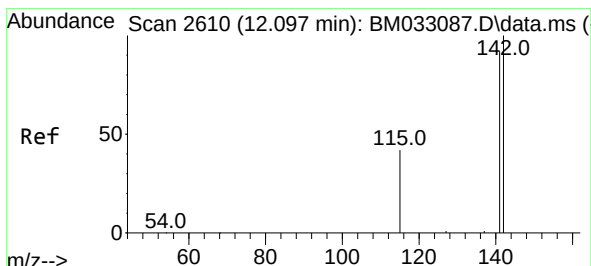
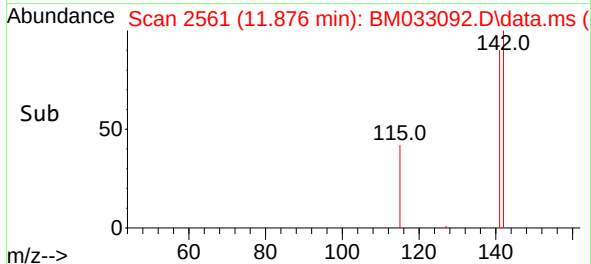
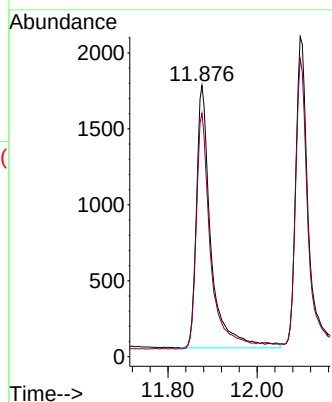
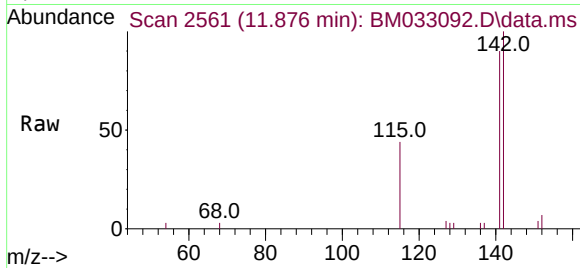




#7
2-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 11.876 min Scan# 2561
Delta R.T. -0.009 min
Lab File: BM033092.D
Acq: 14 Nov 2021 22:57

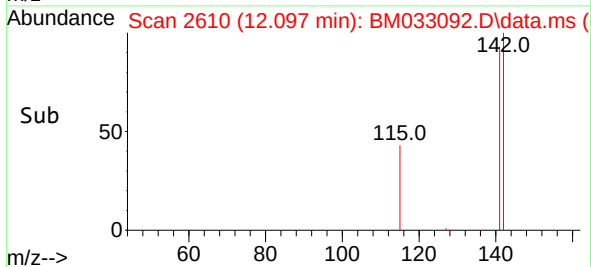
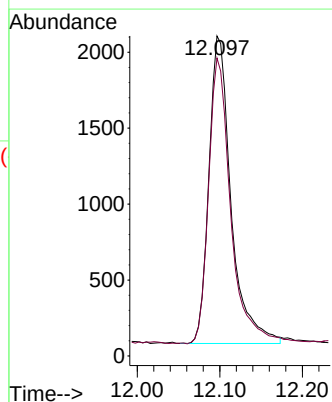
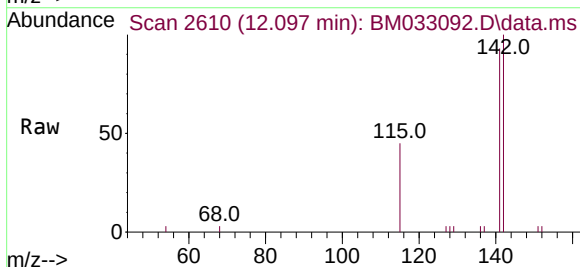
Instrument :
BNA_M
ClientSampleId :
SLCS485

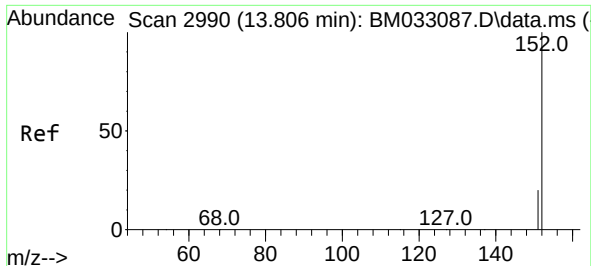
Tgt Ion:142 Resp: 3904
Ion Ratio Lower Upper
142 100
141 91.3 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.298 ng/ul
RT: 12.097 min Scan# 2610
Delta R.T. -0.009 min
Lab File: BM033092.D
Acq: 14 Nov 2021 22:57

Tgt Ion:142 Resp: 3780
Ion Ratio Lower Upper
142 100
141 92.7 74.5 111.7

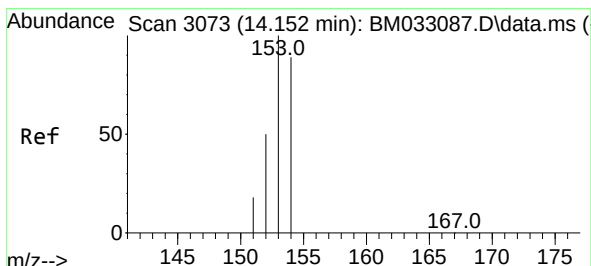
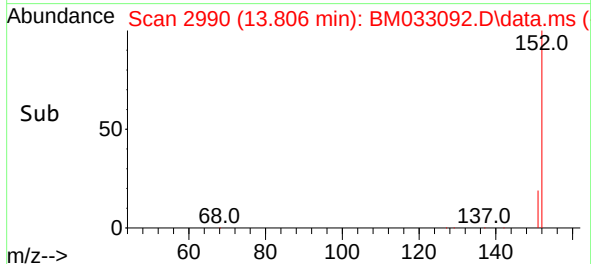
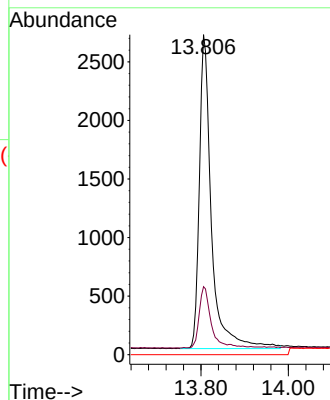
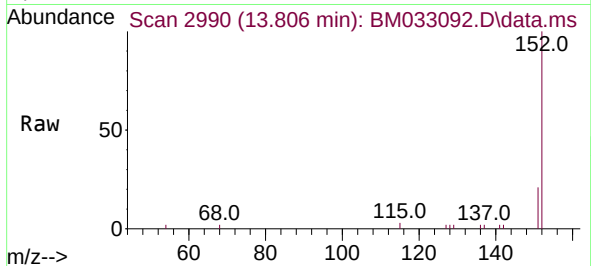




#10
Acenaphthylene
Concen: 0.291 ng/ul
RT: 13.806 min Scan# 2990
Delta R.T. -0.009 min
Lab File: BM033092.D
Acq: 14 Nov 2021 22:57

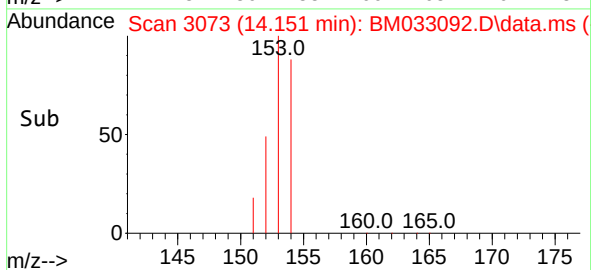
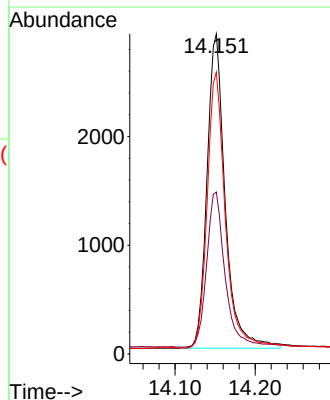
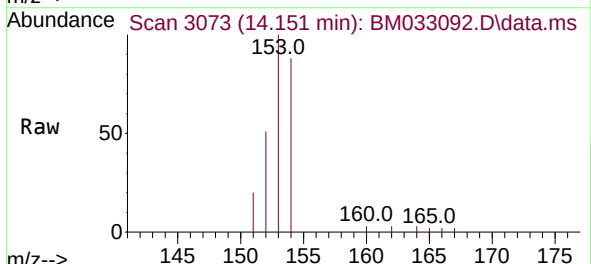
Instrument :
BNA_M
ClientSampleId :
SLCS485

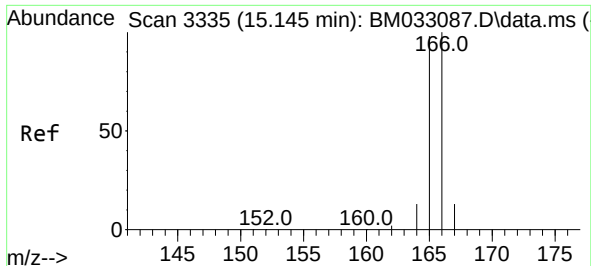
Tgt Ion:152	Resp:	5140
Ion Ratio	Lower	Upper
152	100	
151	21.2	16.7 25.1
153	0.0	0.0 0.0



#11
Acenaphthene
Concen: 0.296 ng/ul
RT: 14.151 min Scan# 3073
Delta R.T. -0.008 min
Lab File: BM033092.D
Acq: 14 Nov 2021 22:57

Tgt Ion:153	Resp:	4565
Ion Ratio	Lower	Upper
153	100	
152	50.6	40.6 60.8
154	88.1	70.8 106.2

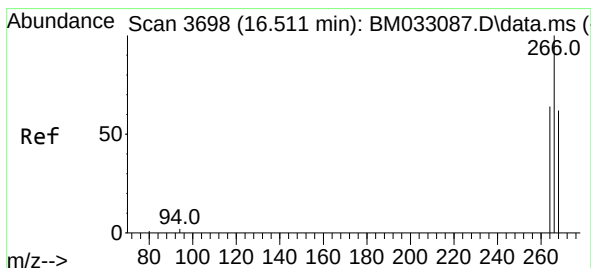
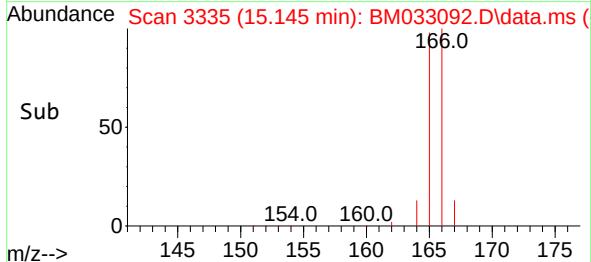
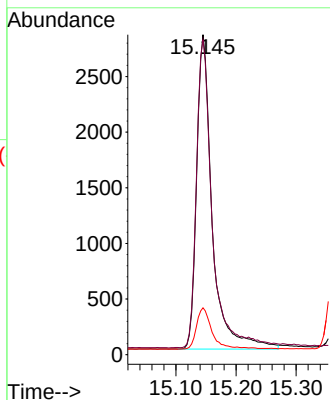
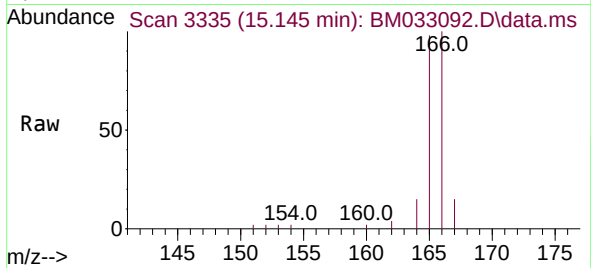




#12
Fluorene
Concen: 0.280 ng/ul
RT: 15.145 min Scan# 31
Delta R.T. -0.008 min
Lab File: BM033092.D
Acq: 14 Nov 2021 22:57

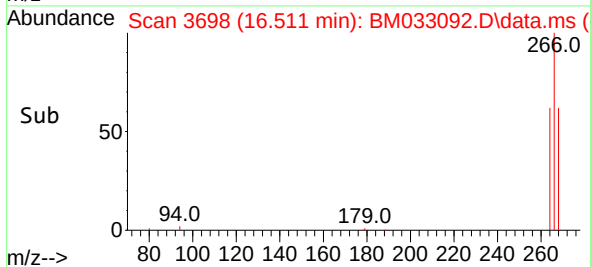
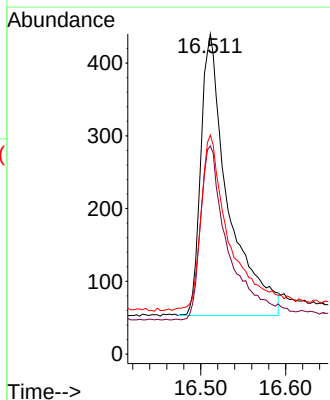
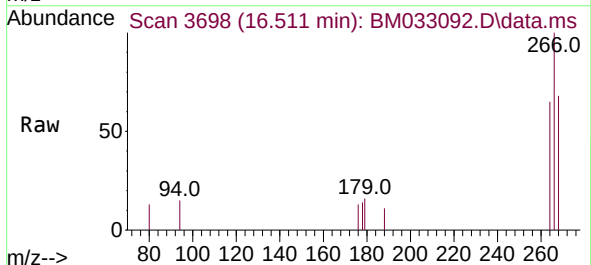
Instrument :
BNA_M
ClientSampleId :
SLCS485

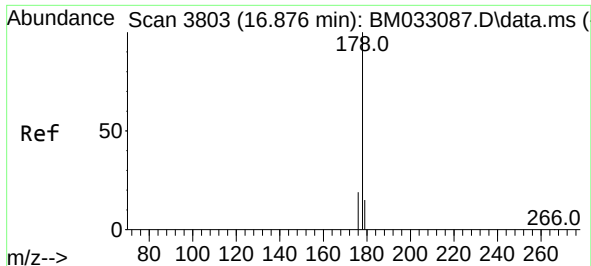
Tgt Ion:166 Resp: 5092
Ion Ratio Lower Upper
166 100
165 98.4 80.8 121.2
167 14.6 11.7 17.5



#14
Pentachlorophenol
Concen: 0.412 ng/ul
RT: 16.511 min Scan# 3698
Delta R.T. -0.000 min
Lab File: BM033092.D
Acq: 14 Nov 2021 22:57

Tgt Ion:266 Resp: 863
Ion Ratio Lower Upper
266 100
264 62.7 51.2 76.8
268 64.4 52.9 79.3

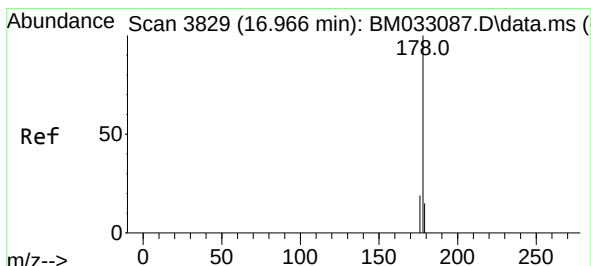
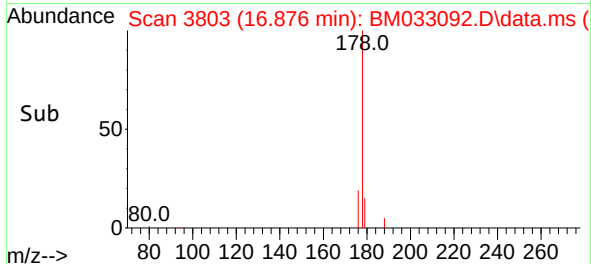
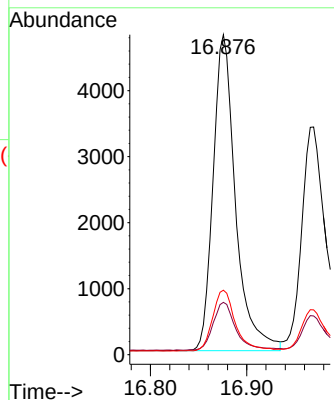
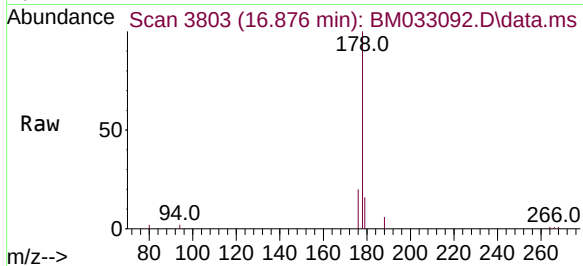




#15
Phenanthrene
Concen: 0.290 ng/ul
RT: 16.876 min Scan# 3803
Delta R.T. -0.007 min
Lab File: BM033092.D
Acq: 14 Nov 2021 22:57

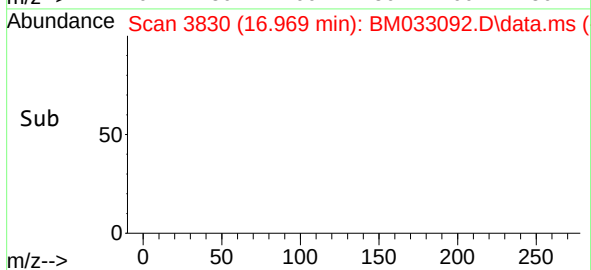
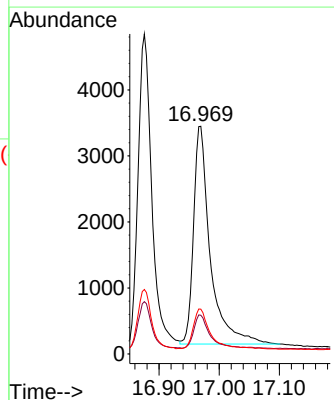
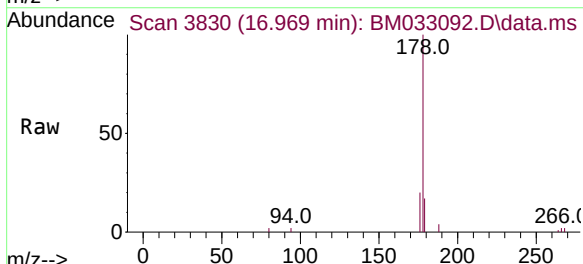
Instrument :
BNA_M
ClientSampleId :
SLCS485

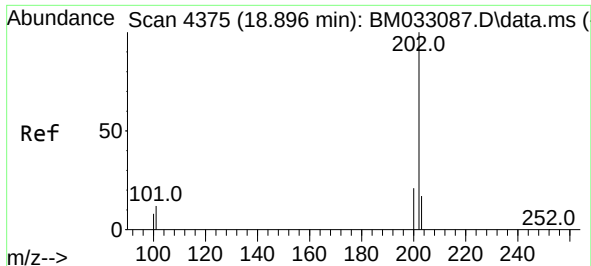
Tgt Ion:	178	Resp:	7746
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.9	19.3
176	20.1	16.0	24.0



#16
Anthracene
Concen: 0.273 ng/ul
RT: 16.969 min Scan# 3830
Delta R.T. -0.004 min
Lab File: BM033092.D
Acq: 14 Nov 2021 22:57

Tgt Ion:	178	Resp:	6400
Ion Ratio	Lower	Upper	
178	100		
179	17.0	13.0	19.6
176	19.7	15.6	23.4

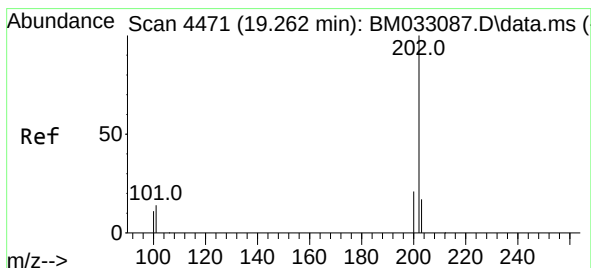
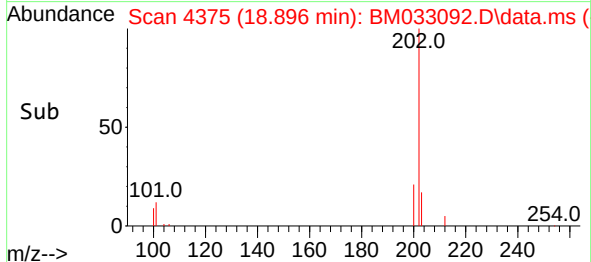
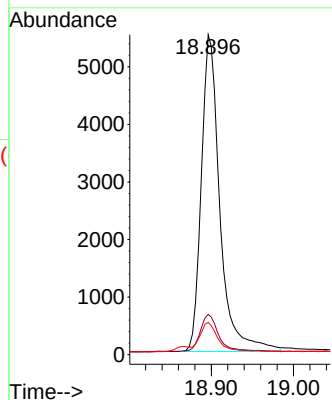
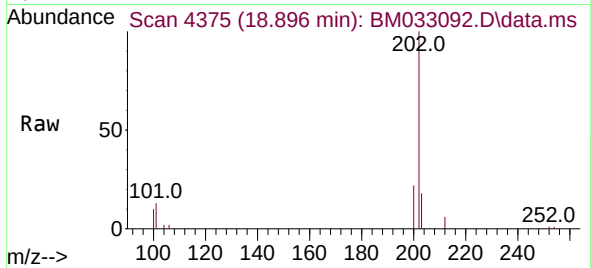




#19
Fluoranthene
Concen: 0.317 ng/ul
RT: 18.896 min Scan# 41
Delta R.T. -0.008 min
Lab File: BM033092.D
Acq: 14 Nov 2021 22:57

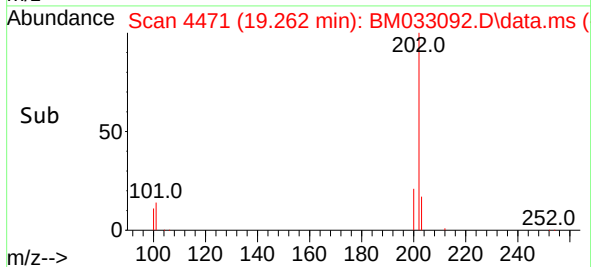
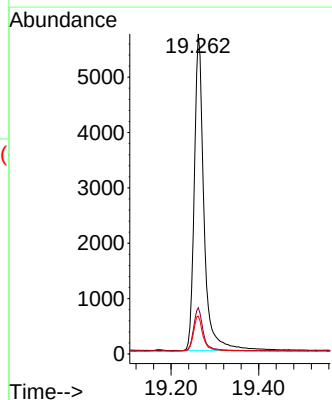
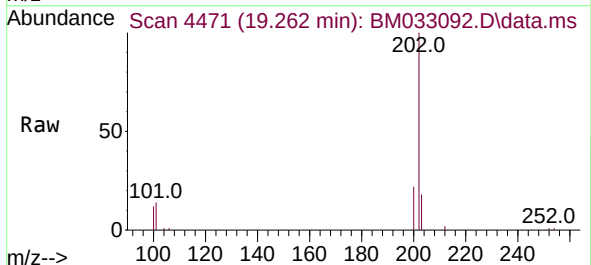
Instrument :
BNA_M
ClientSampleId :
SLCS485

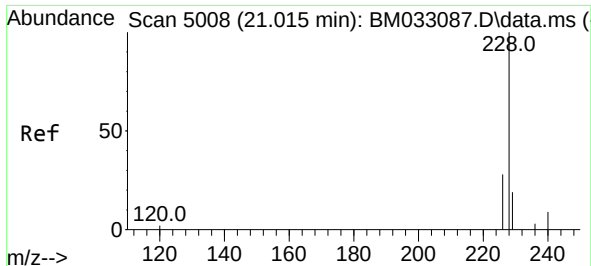
Tgt Ion:202 Resp: 8628
Ion Ratio Lower Upper
202 100
101 12.6 9.9 14.9
100 10.1 7.3 10.9



#20
Pyrene
Concen: 0.311 ng/ul
RT: 19.262 min Scan# 4471
Delta R.T. -0.008 min
Lab File: BM033092.D
Acq: 14 Nov 2021 22:57

Tgt Ion:202 Resp: 8804
Ion Ratio Lower Upper
202 100
101 14.4 11.8 17.6
100 11.8 9.5 14.3

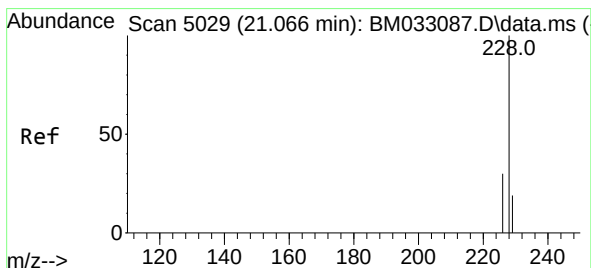
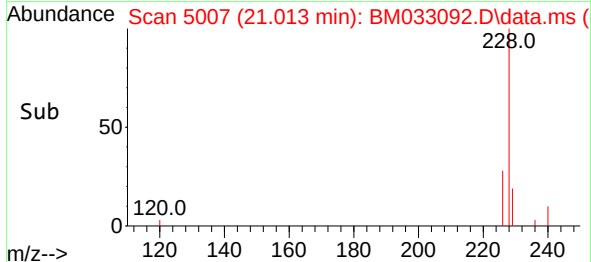
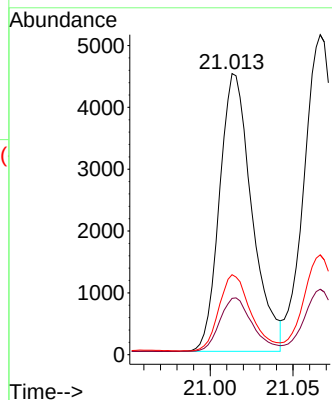
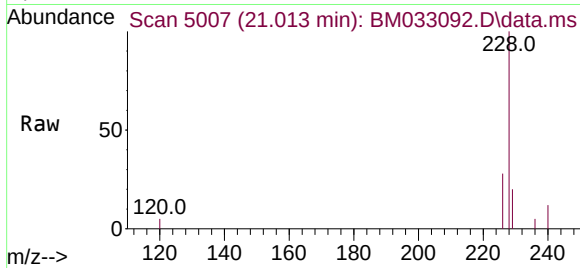




#21
Benzo(a)anthracene
Concen: 0.286 ng/ul
RT: 21.013 min Scan# 5008
Delta R.T. -0.007 min
Lab File: BM033092.D
Acq: 14 Nov 2021 22:57

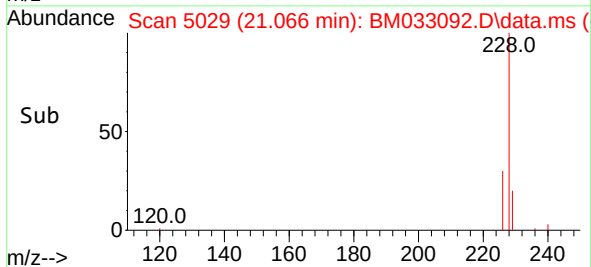
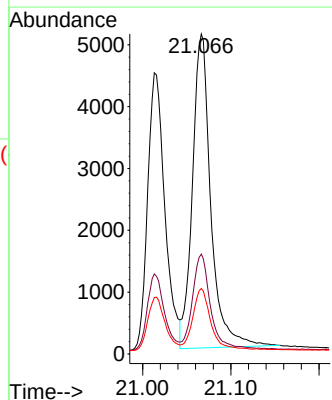
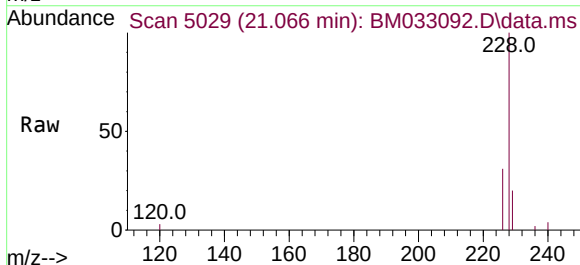
Instrument :
BNA_M
ClientSampleId :
SLCS485

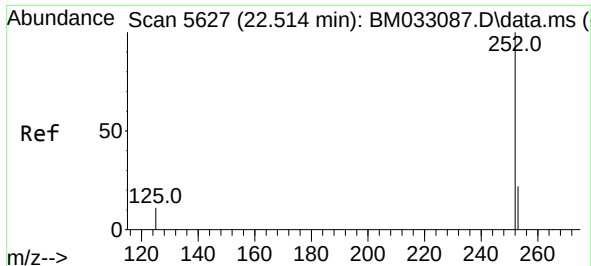
Tgt Ion:228	Resp:	6119
Ion Ratio	Lower	Upper
228	100	
229	20.0	15.7 23.5
226	28.5	22.4 33.6



#22
Chrysene
Concen: 0.304 ng/ul
RT: 21.066 min Scan# 5029
Delta R.T. -0.005 min
Lab File: BM033092.D
Acq: 14 Nov 2021 22:57

Tgt Ion:228	Resp:	7337
Ion Ratio	Lower	Upper
228	100	
226	31.2	24.9 37.3
229	20.5	16.1 24.1

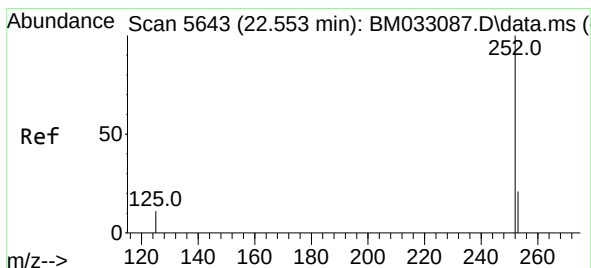
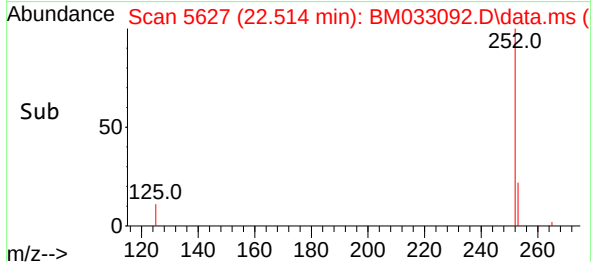
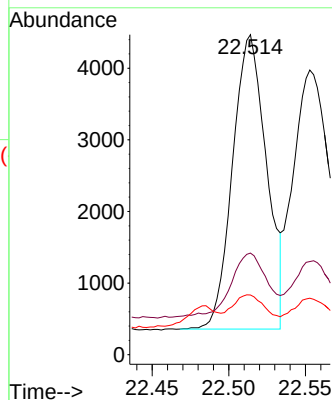
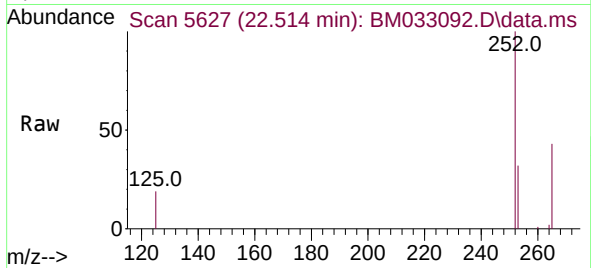




#24
Benzo(b)fluoranthene
Concen: 0.295 ng/ul
RT: 22.514 min Scan# 5627
Delta R.T. -0.005 min
Lab File: BM033092.D
Acq: 14 Nov 2021 22:57

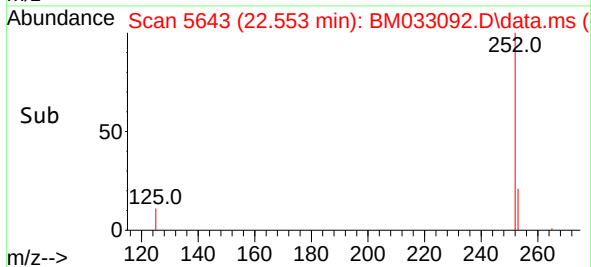
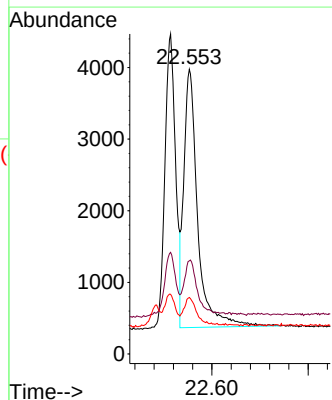
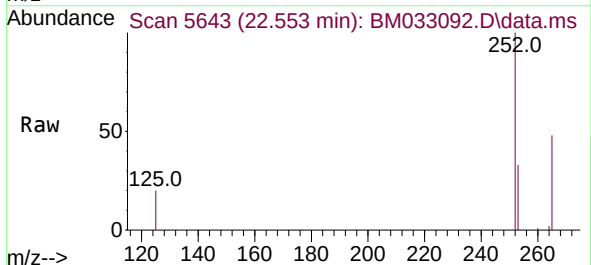
Instrument :
BNA_M
ClientSampleId :
SLCS485

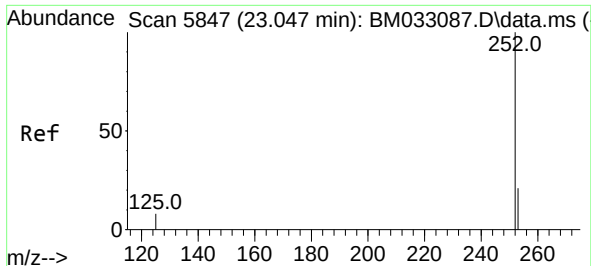
Tgt Ion:252 Resp: 6337
Ion Ratio Lower Upper
252 100
253 31.8 0.0 59.2
125 18.7 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.312 ng/ul
RT: 22.553 min Scan# 5643
Delta R.T. -0.007 min
Lab File: BM033092.D
Acq: 14 Nov 2021 22:57

Tgt Ion:252 Resp: 7199
Ion Ratio Lower Upper
252 100
253 32.7 23.1 34.7
125 19.8 14.6 21.8

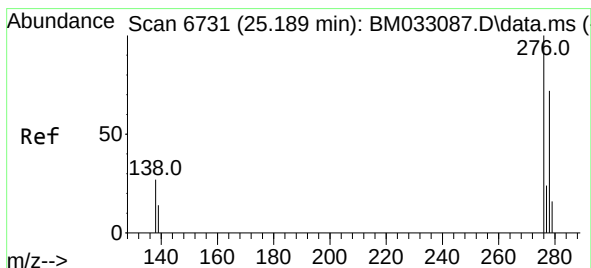
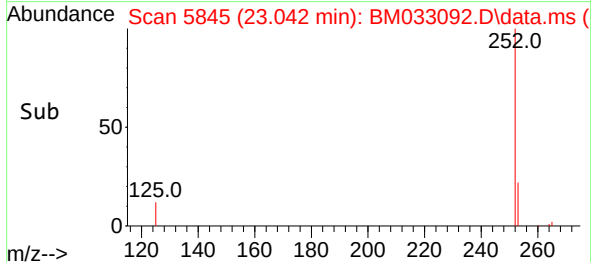
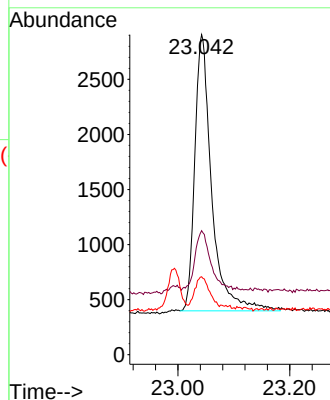
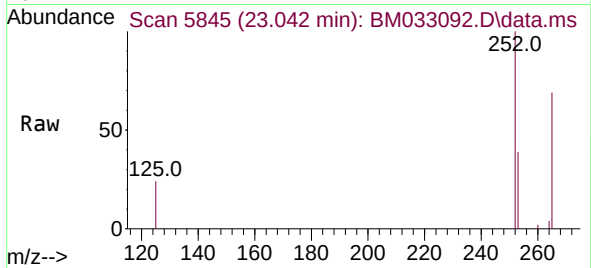




#26
Benzo(a)pyrene
Concen: 0.297 ng/ul
RT: 23.042 min Scan# 5845
Delta R.T. -0.010 min
Lab File: BM033092.D
Acq: 14 Nov 2021 22:57

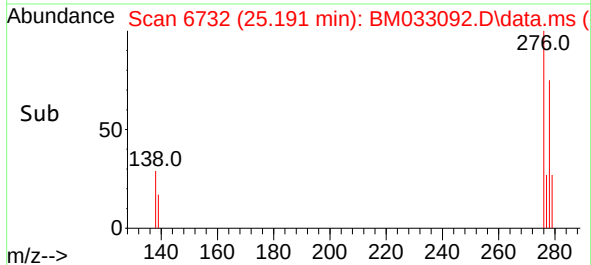
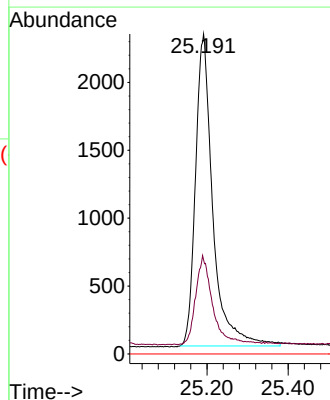
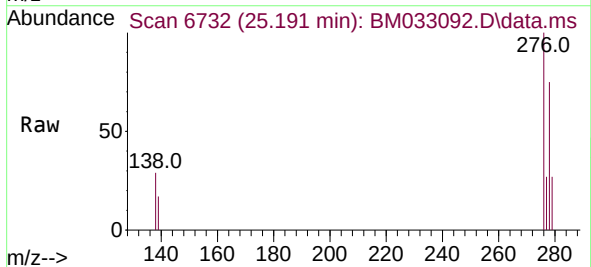
Instrument :
BNA_M
ClientSampleId :
SLCS485

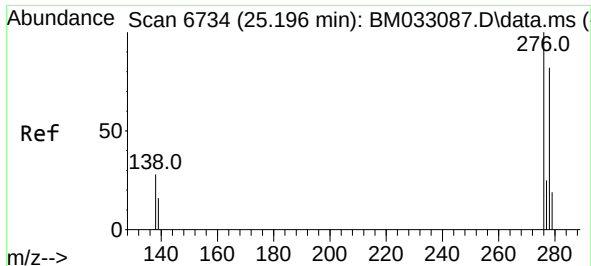
Tgt Ion:252	Resp:	5271
Ion Ratio	Lower	Upper
252	100	
253	38.7	27.1 40.7
125	24.4	17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.333 ng/ul
RT: 25.191 min Scan# 6732
Delta R.T. -0.007 min
Lab File: BM033092.D
Acq: 14 Nov 2021 22:57

Tgt Ion:276	Resp:	6796
Ion Ratio	Lower	Upper
276	100	
138	31.8	22.9 34.3
227	0.0	0.0 0.0

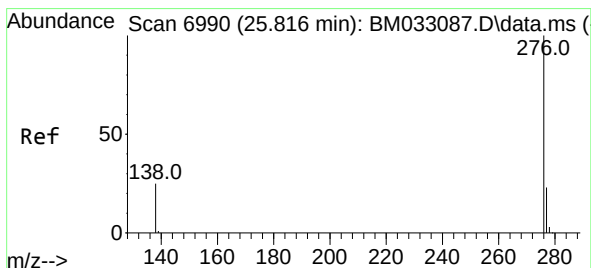
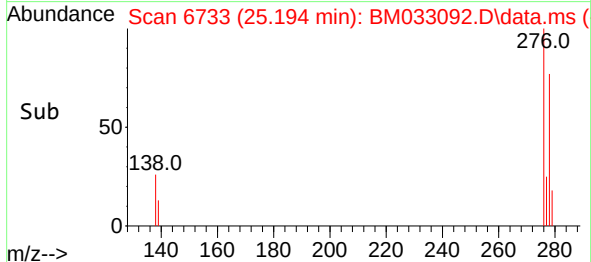
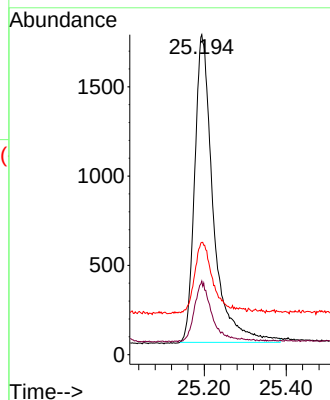
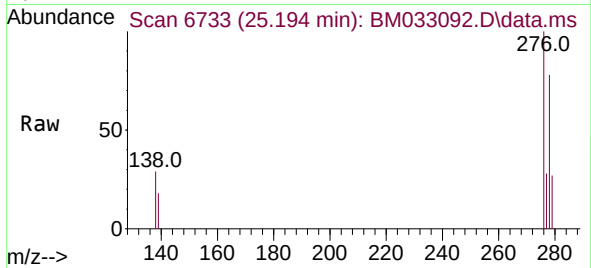




#28
Dibenzo(a,h)anthracene
Concen: 0.336 ng/ul
RT: 25.194 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM033092.D
Acq: 14 Nov 2021 22:57

Instrument :
BNA_M
ClientSampleId :
SLCS485

Tgt Ion:278 Resp: 5423
Ion Ratio Lower Upper
278 100
139 23.0 18.2 27.2
279 35.1 24.6 36.8



#29
Benzo(g,h,i)perylene
Concen: 0.354 ng/ul
RT: 25.816 min Scan# 6990
Delta R.T. -0.012 min
Lab File: BM033092.D
Acq: 14 Nov 2021 22:57

Tgt Ion:276 Resp: 6263
Ion Ratio Lower Upper
276 100
138 26.3 22.2 33.2
277 27.5 21.0 31.4

