

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
 Data File : BM033187.D
 Acq On : 19 Nov 2021 21:53
 Operator : CG/JU
 Sample : PB140792BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS792

Quant Time: Nov 20 01:05:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 15:41:12 2021
 Response via : Initial Calibration

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

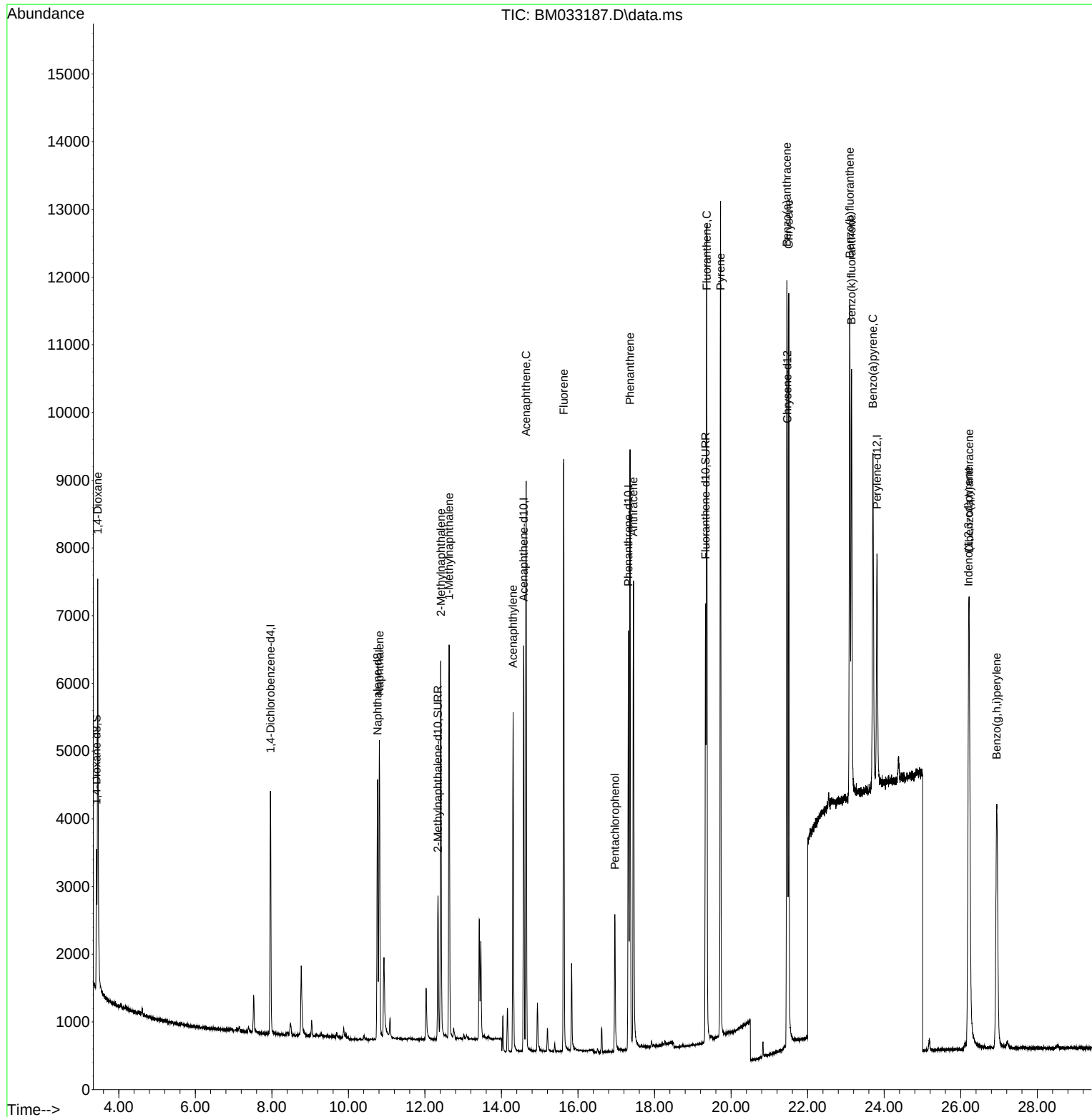
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	1910	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	5364	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.580	164	3329	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	7525	0.400	ng/ul	0.00
17) Chrysene-d12	21.470	240	6256	0.400	ng/ul	0.00
23) Perylene-d12	23.810	264	5035	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.420	96	1289	0.718	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.339	152	2983	0.401	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	7456	0.411	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.451	88	3939	1.950	ng/ul	93
5) Naphthalene	10.810	128	6306	0.379	ng/ul	99
7) 2-Methylnaphthalene	12.415	142	4209	0.391	ng/ul	100
8) 1-Methylnaphthalene	12.631	142	4113	0.386	ng/ul	100
10) Acenaphthylene	14.303	152	6067	0.390	ng/ul#	100
11) Acenaphthene	14.644	153	4976	0.390	ng/ul	99
12) Fluorene	15.626	166	5819	0.404	ng/ul	99
14) Pentachlorophenol	16.962	266	1549	0.617	ng/ul	97
15) Phenanthrene	17.358	178	9545	0.350	ng/ul	99
16) Anthracene	17.448	178	8290	0.376	ng/ul	98
19) Fluoranthene	19.361	202	11044	0.367	ng/ul	97
20) Pyrene	19.723	202	11069	0.370	ng/ul	95
21) Benzo(a)anthracene	21.456	228	8989	0.402	ng/ul	100
22) Chrysene	21.507	228	9901	0.403	ng/ul	99
24) Benzo(b)fluoranthene	23.100	252	9884	0.434	ng/ul	99
25) Benzo(k)fluoranthene	23.146	252	9376	0.417	ng/ul	97
26) Benzo(a)pyrene	23.706	252	7986	0.423	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.204	276	9721	0.408	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.219	278	7721	0.406	ng/ul	98
29) Benzo(g,h,i)perylene	26.941	276	8720	0.408	ng/ul	94

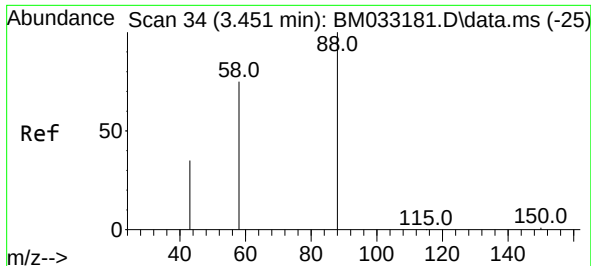
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
Data File : BM033187.D
Acq On : 19 Nov 2021 21:53
Operator : CG/JU
Sample : PB140792BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS792

Quant Time: Nov 20 01:05:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 15:41:12 2021
Response via : Initial Calibration

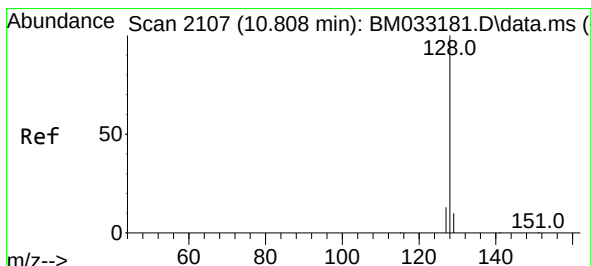
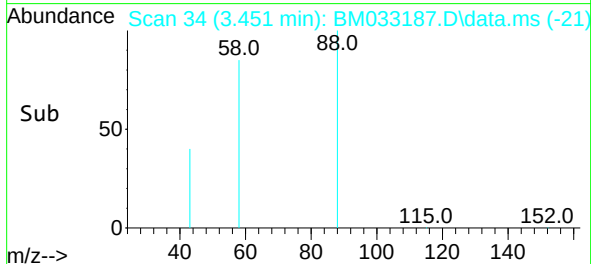
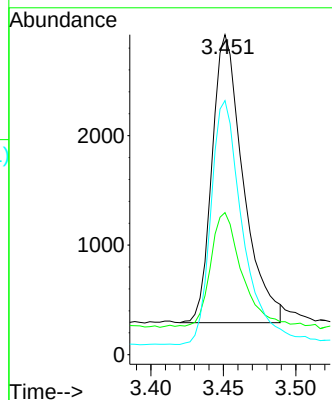
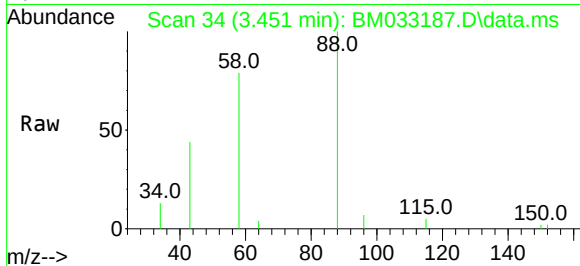




#2
1,4-Dioxane
Concen: 1.950 ng/ul
RT: 3.451 min Scan# 34
Delta R.T. -0.003 min
Lab File: BM033187.D
Acq: 19 Nov 2021 21:53

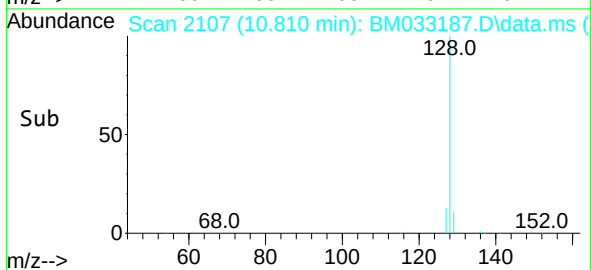
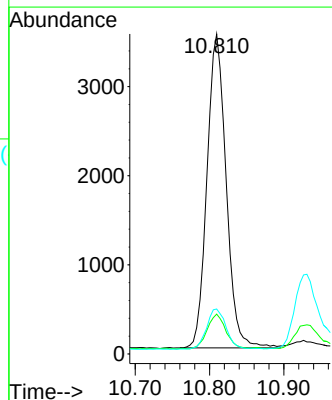
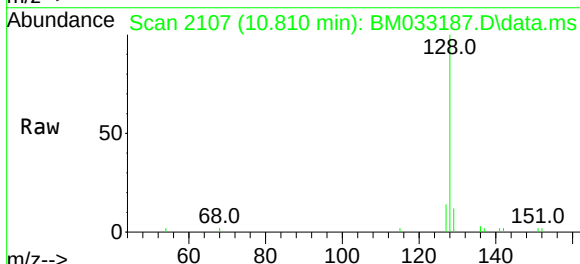
Instrument :
BNA_M
ClientSampleId :
SLCS792

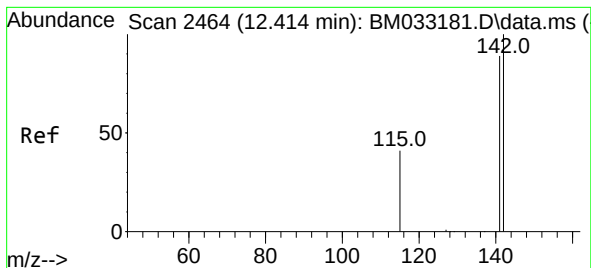
Tgt Ion: 88 Resp: 3939
Ion Ratio Lower Upper
88 100
43 44.4 35.8 53.8
58 79.4 55.8 83.8



#5
Naphthalene
Concen: 0.379 ng/ul
RT: 10.810 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BM033187.D
Acq: 19 Nov 2021 21:53

Tgt Ion: 128 Resp: 6306
Ion Ratio Lower Upper
128 100
129 12.4 9.8 14.6
127 14.0 11.8 17.8

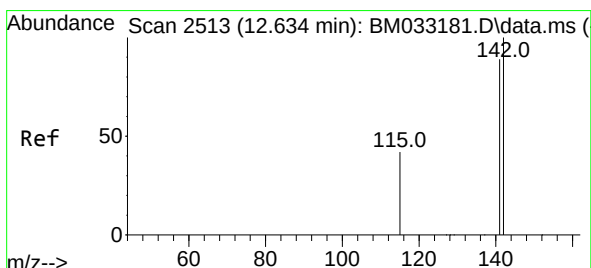
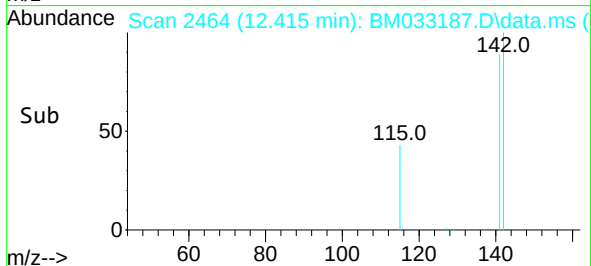
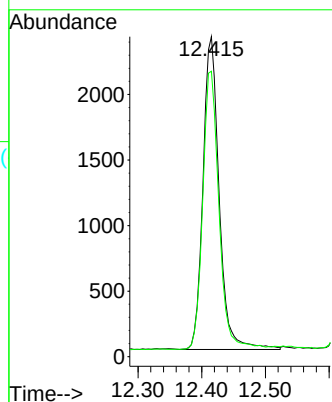
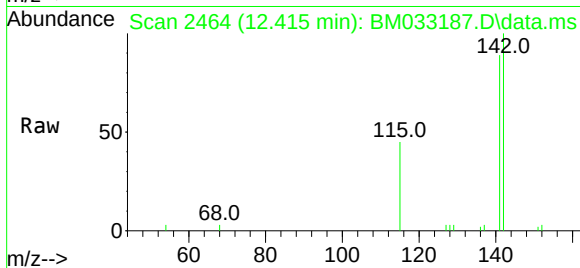




#7
2-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.415 min Scan# 2464
Delta R.T. -0.000 min
Lab File: BM033187.D
Acq: 19 Nov 2021 21:53

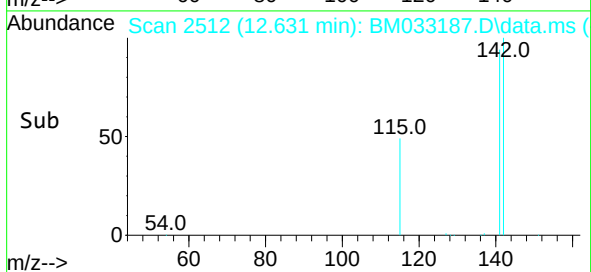
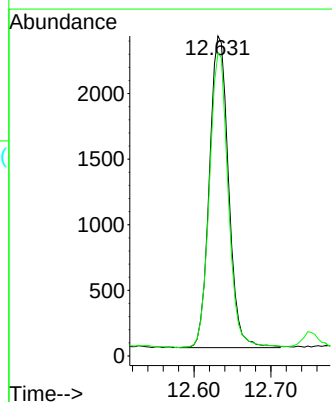
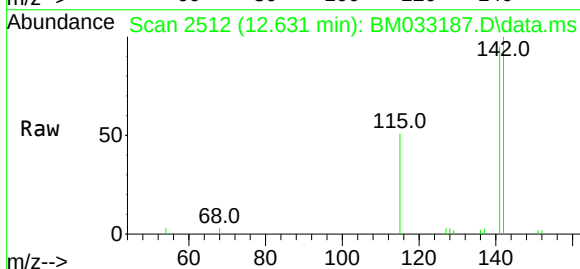
Instrument :
BNA_M
ClientSampleId :
SLCS792

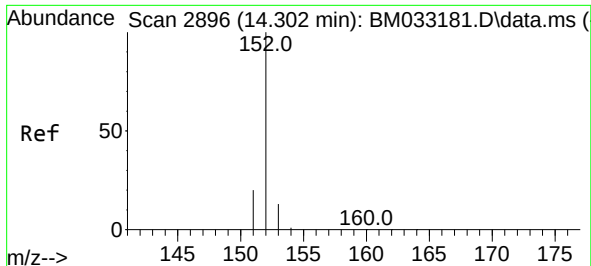
Tgt Ion:142 Resp: 4209
Ion Ratio Lower Upper
142 100
141 91.3 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.386 ng/ul
RT: 12.631 min Scan# 2512
Delta R.T. -0.000 min
Lab File: BM033187.D
Acq: 19 Nov 2021 21:53

Tgt Ion:142 Resp: 4113
Ion Ratio Lower Upper
142 100
141 93.2 74.5 111.7

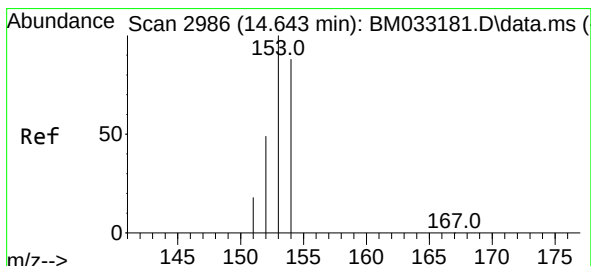
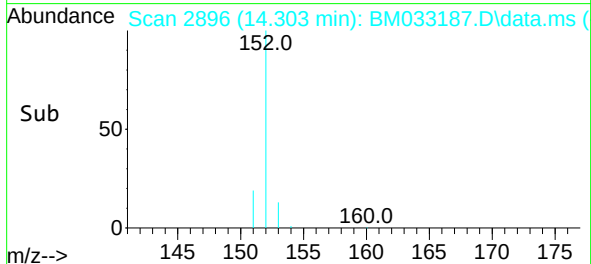
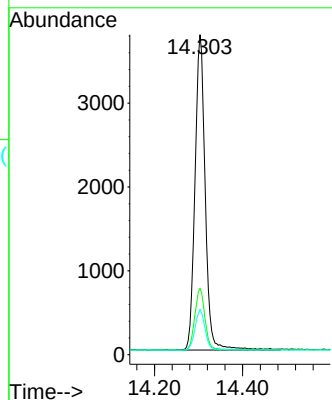
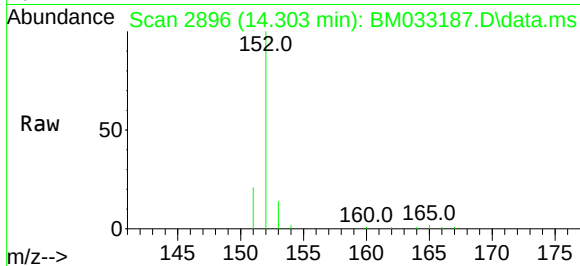




#10
Acenaphthylene
Concen: 0.390 ng/ul
RT: 14.303 min Scan# 2896
Delta R.T. 0.000 min
Lab File: BM033187.D
Acq: 19 Nov 2021 21:53

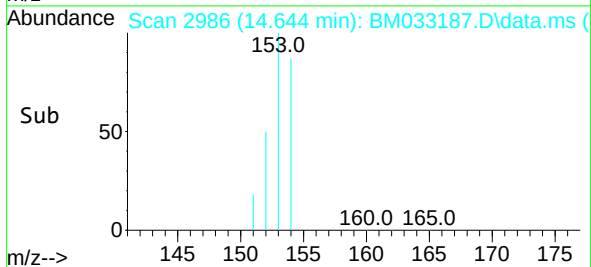
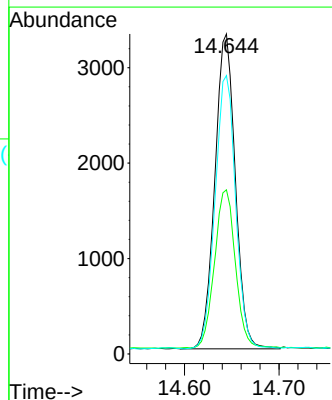
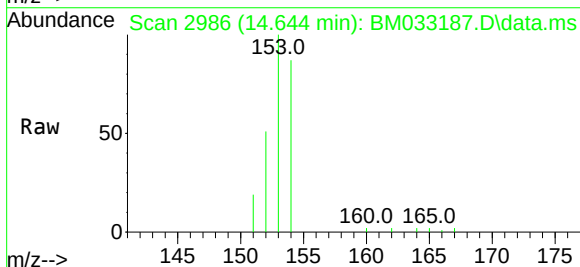
Instrument :
BNA_M
ClientSampleId :
SLCS792

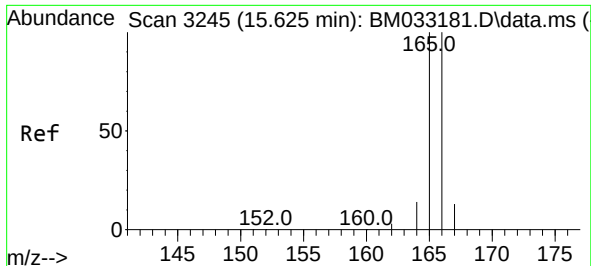
Tgt Ion:152 Resp: 6067
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1
153 14.1 0.0 0.0#



#11
Acenaphthene
Concen: 0.390 ng/ul
RT: 14.644 min Scan# 2986
Delta R.T. -0.000 min
Lab File: BM033187.D
Acq: 19 Nov 2021 21:53

Tgt Ion:153 Resp: 4976
Ion Ratio Lower Upper
153 100
152 51.3 40.6 60.8
154 87.0 70.8 106.2

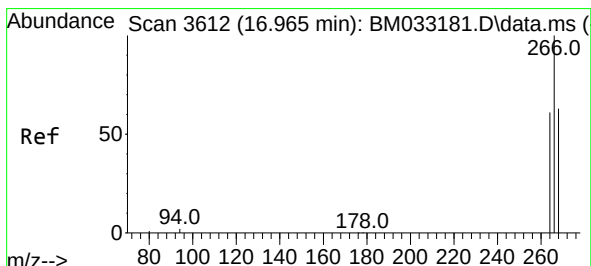
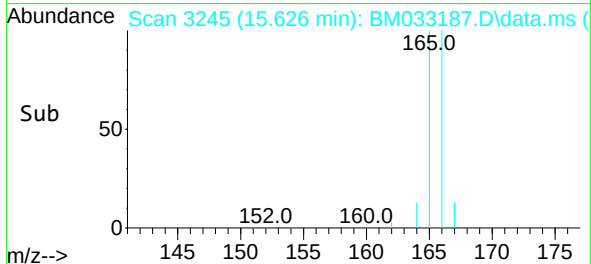
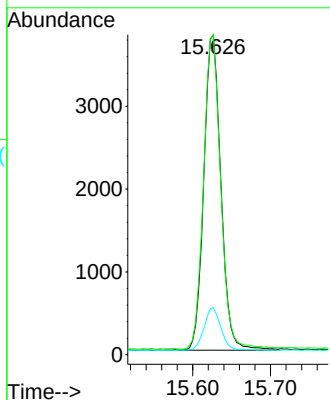
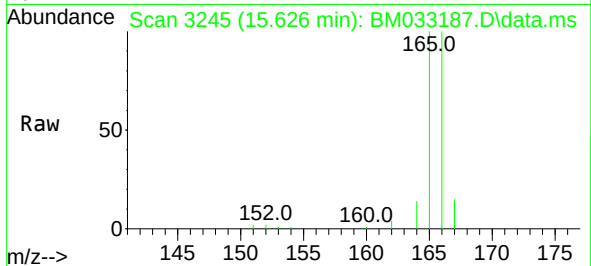




#12
 Fluorene
 Concen: 0.404 ng/ul
 RT: 15.626 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BM033187.D
 Acq: 19 Nov 2021 21:53

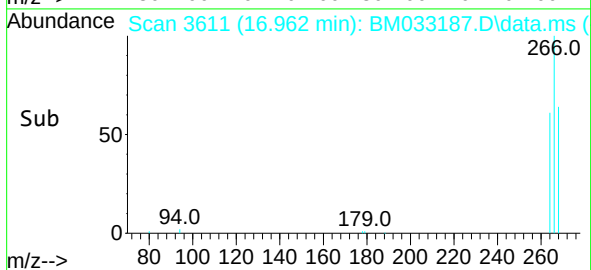
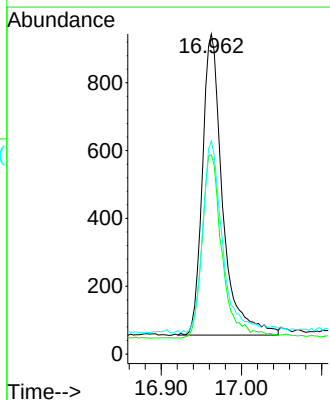
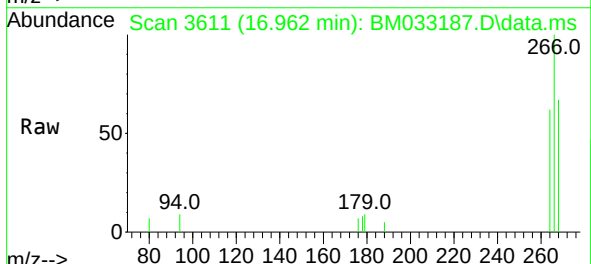
Instrument :
 BNA_M
 ClientSampleId :
 SLCS792

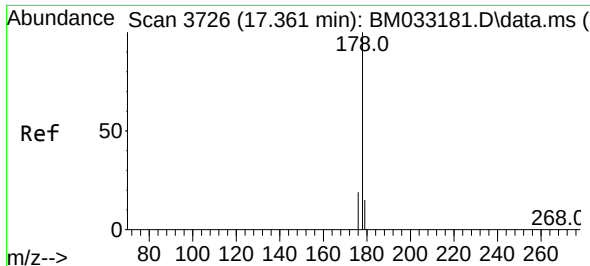
Tgt Ion:166 Resp: 5819
 Ion Ratio Lower Upper
 166 100
 165 100.1 80.8 121.2
 167 14.7 11.7 17.5



#14
 Pentachlorophenol
 Concen: 0.617 ng/ul
 RT: 16.962 min Scan# 3611
 Delta R.T. -0.003 min
 Lab File: BM033187.D
 Acq: 19 Nov 2021 21:53

Tgt Ion:266 Resp: 1549
 Ion Ratio Lower Upper
 266 100
 264 61.2 51.2 76.8
 268 63.4 52.9 79.3

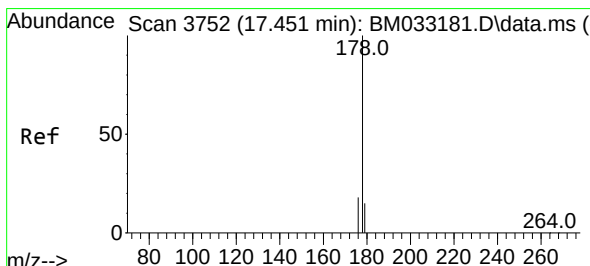
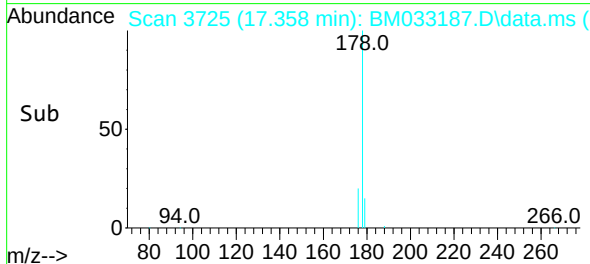
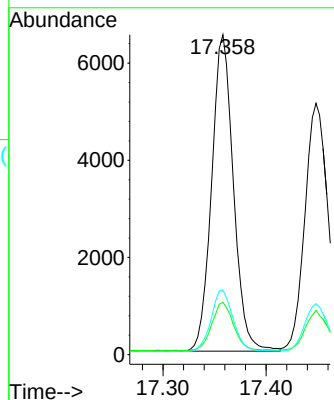
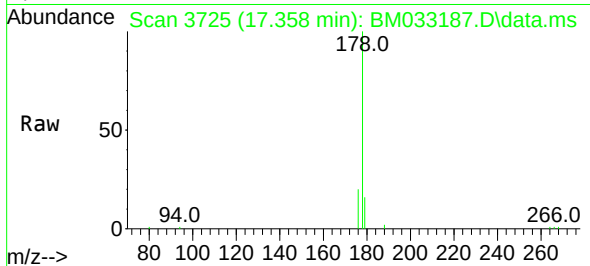




#15
Phenanthrene
Concen: 0.350 ng/u1
RT: 17.358 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM033187.D
Acq: 19 Nov 2021 21:53

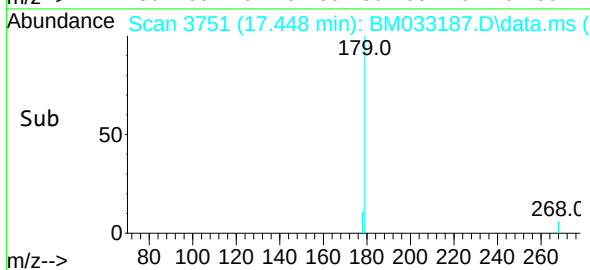
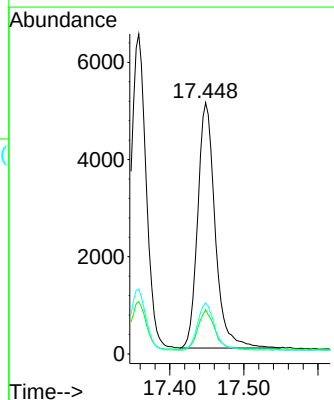
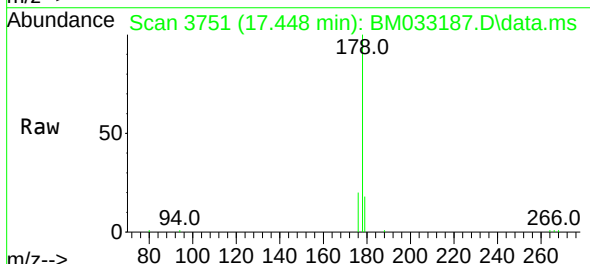
Instrument :
BNA_M
ClientSampleId :
SLCS792

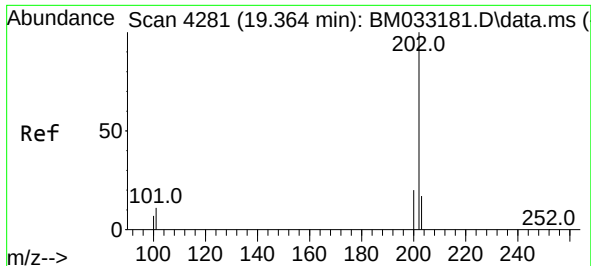
Tgt Ion:178 Resp: 9545
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 20.3 16.0 24.0



#16
Anthracene
Concen: 0.376 ng/u1
RT: 17.448 min Scan# 3751
Delta R.T. -0.003 min
Lab File: BM033187.D
Acq: 19 Nov 2021 21:53

Tgt Ion:178 Resp: 8290
Ion Ratio Lower Upper
178 100
179 17.6 13.0 19.6
176 20.3 15.6 23.4

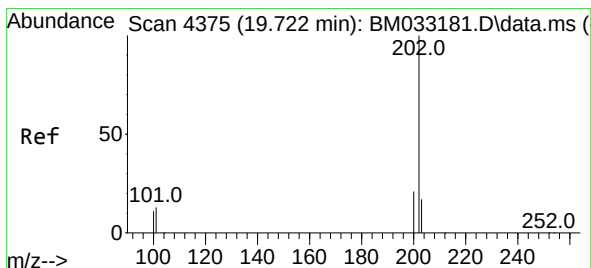
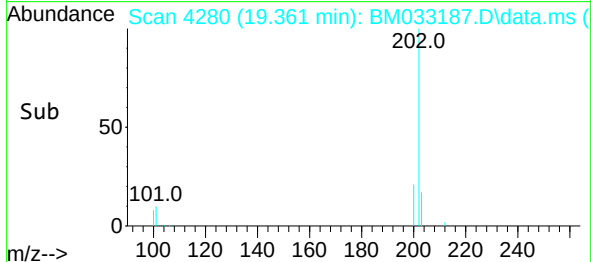
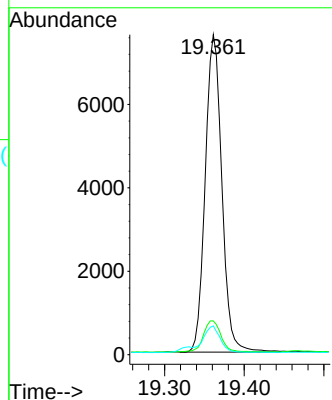
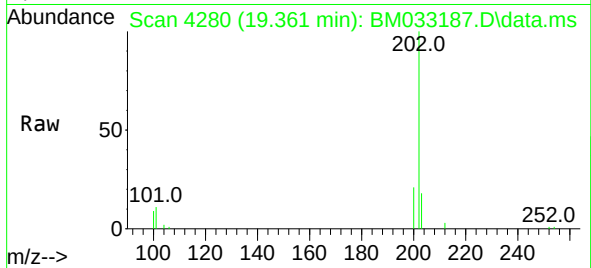




#19
Fluoranthene
Concen: 0.367 ng/ul
RT: 19.361 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM033187.D
Acq: 19 Nov 2021 21:53

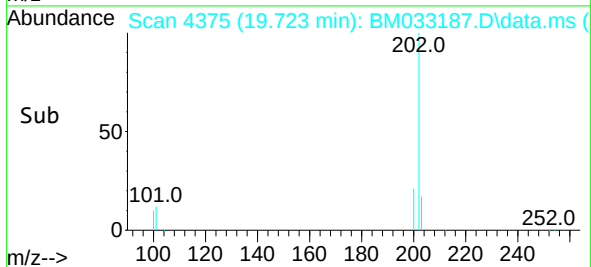
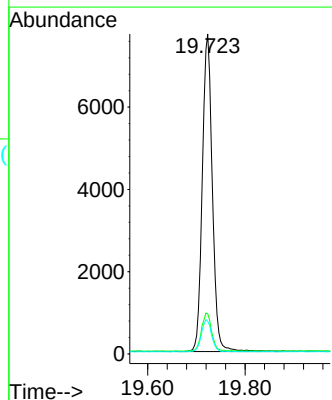
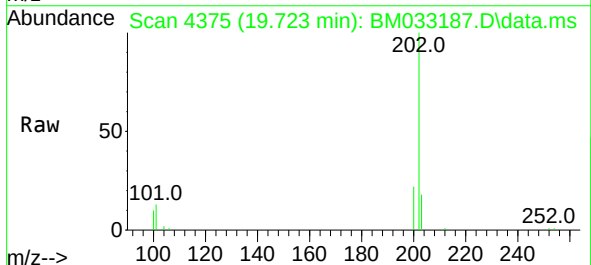
Instrument :
BNA_M
ClientSampleId :
SLCS792

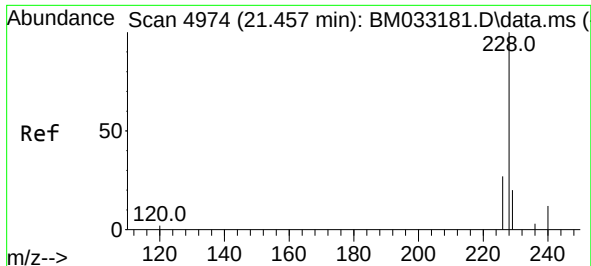
Tgt Ion:202 Resp: 11044
Ion Ratio Lower Upper
202 100
101 10.6 9.9 14.9
100 9.0 7.3 10.9



#20
Pyrene
Concen: 0.370 ng/ul
RT: 19.723 min Scan# 4375
Delta R.T. -0.000 min
Lab File: BM033187.D
Acq: 19 Nov 2021 21:53

Tgt Ion:202 Resp: 11069
Ion Ratio Lower Upper
202 100
101 12.6 11.8 17.6
100 10.2 9.5 14.3

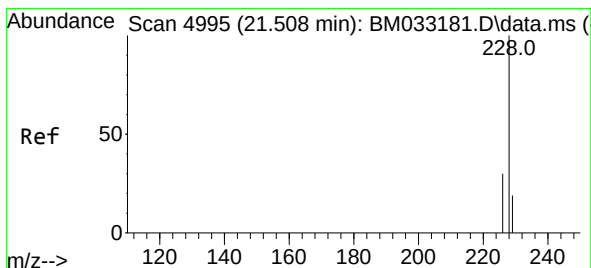
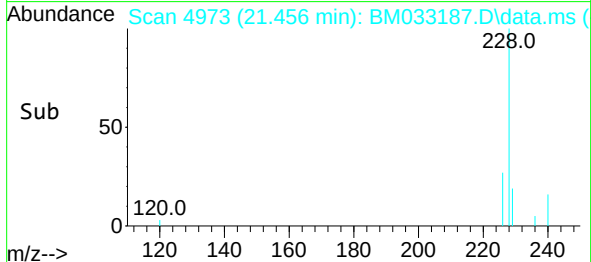
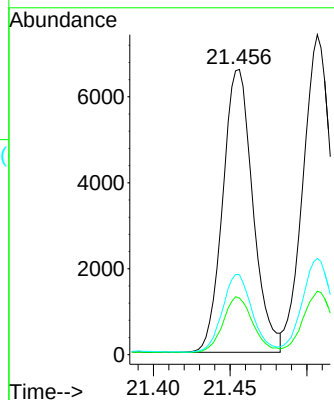
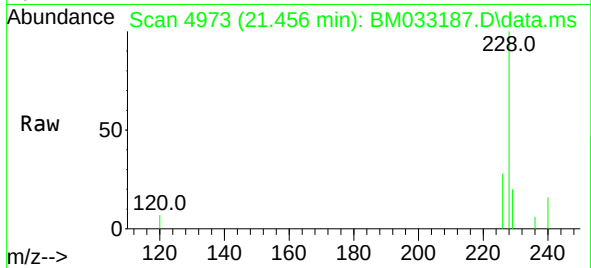




#21
Benzo(a)anthracene
Concen: 0.402 ng/ul
RT: 21.456 min Scan# 4973
Delta R.T. 0.000 min
Lab File: BM033187.D
Acq: 19 Nov 2021 21:53

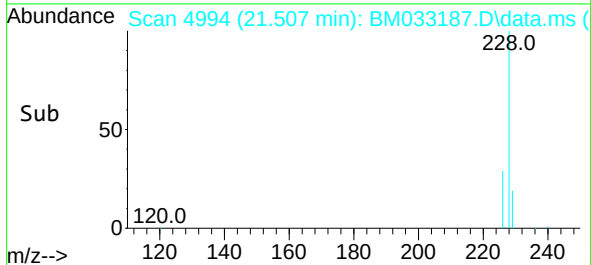
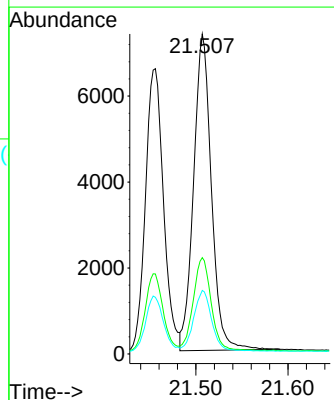
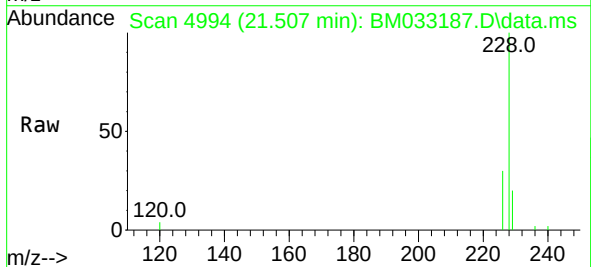
Instrument :
BNA_M
ClientSampleId :
SLCS792

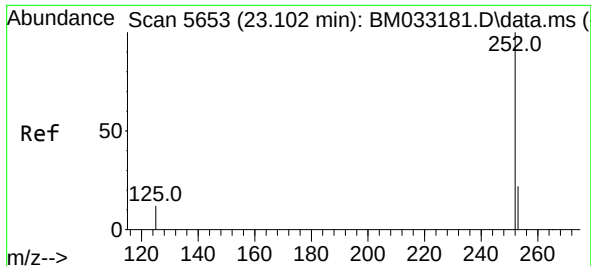
Tgt Ion:228 Resp: 8989
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 28.1 22.4 33.6



#22
Chrysene
Concen: 0.403 ng/ul
RT: 21.507 min Scan# 4994
Delta R.T. 0.000 min
Lab File: BM033187.D
Acq: 19 Nov 2021 21:53

Tgt Ion:228 Resp: 9901
Ion Ratio Lower Upper
228 100
226 30.1 24.9 37.3
229 19.9 16.1 24.1

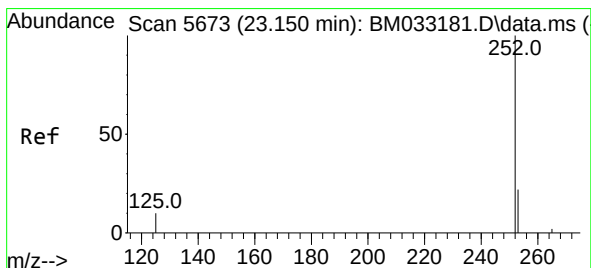
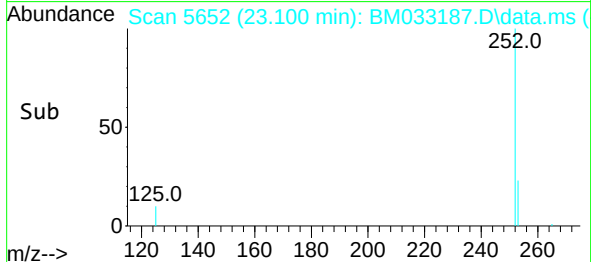
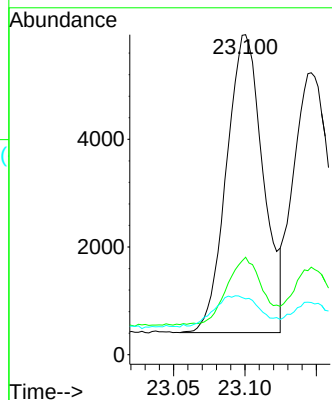
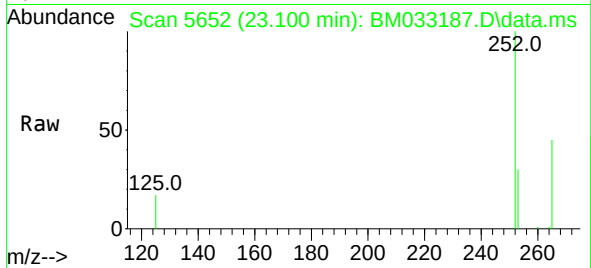




#24
Benzo(b)fluoranthene
Concen: 0.434 ng/ul
RT: 23.100 min Scan# 5652
Delta R.T. 0.000 min
Lab File: BM033187.D
Acq: 19 Nov 2021 21:53

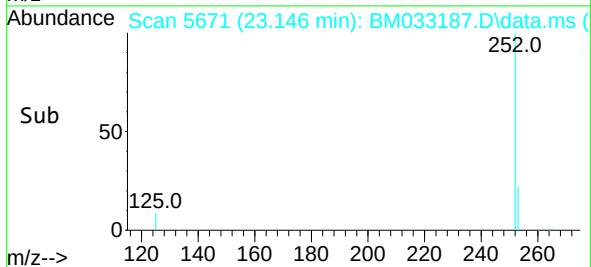
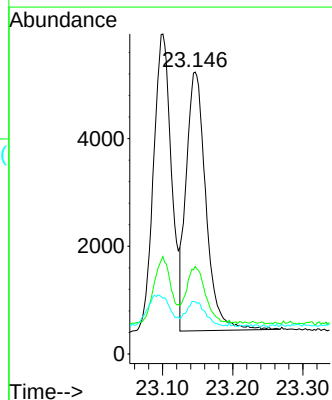
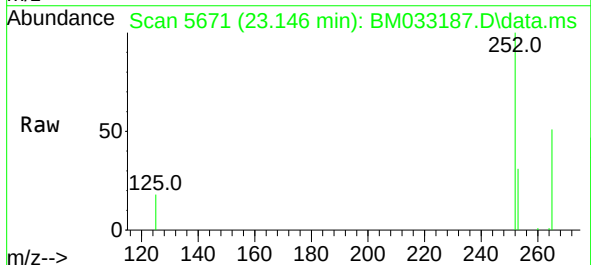
Instrument :
BNA_M
ClientSampleId :
SLCS792

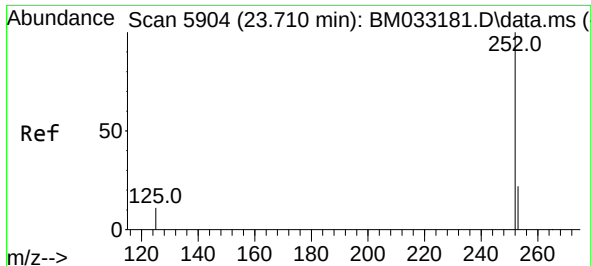
Tgt Ion:252 Resp: 9884
Ion Ratio Lower Upper
252 100
253 30.4 0.0 59.2
125 17.4 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.417 ng/ul
RT: 23.146 min Scan# 5671
Delta R.T. -0.002 min
Lab File: BM033187.D
Acq: 19 Nov 2021 21:53

Tgt Ion:252 Resp: 9376
Ion Ratio Lower Upper
252 100
253 31.1 23.1 34.7
125 18.5 14.6 21.8

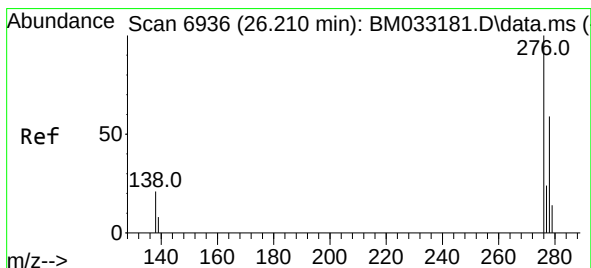
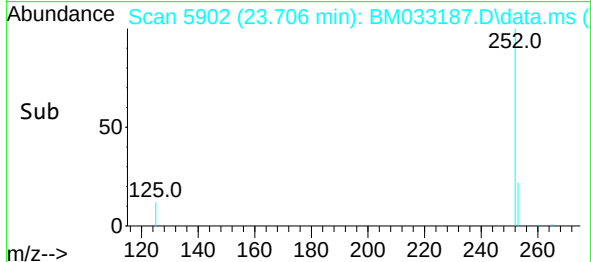
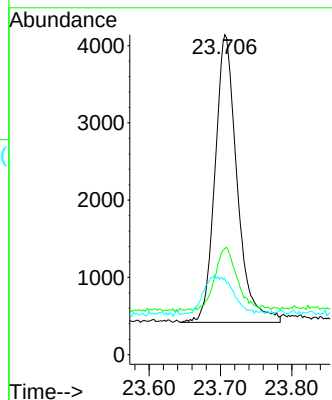
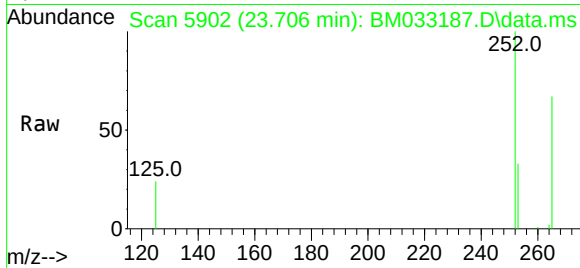




#26
Benzo(a)pyrene
Concen: 0.423 ng/ul
RT: 23.706 min Scan# 5902
Delta R.T. -0.005 min
Lab File: BM033187.D
Acq: 19 Nov 2021 21:53

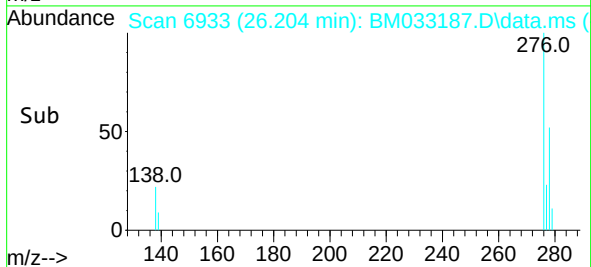
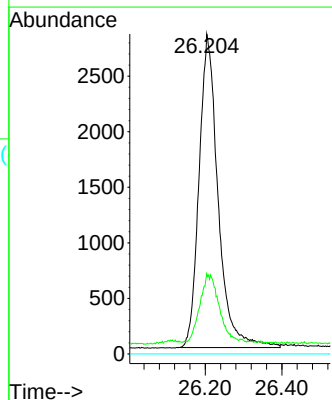
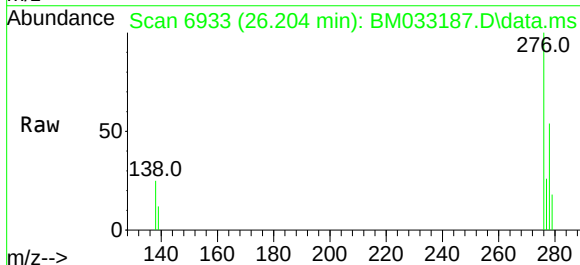
Instrument :
BNA_M
ClientSampleId :
SLCS792

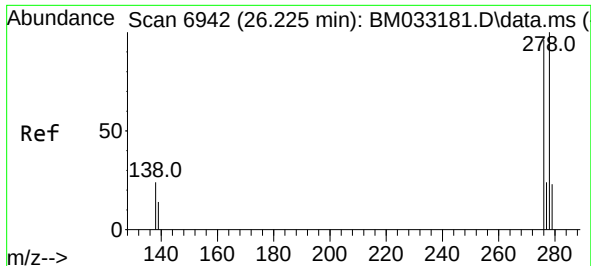
Tgt Ion:	252	Resp:	7986
Ion Ratio	Lower	Upper	
252	100		
253	33.2	27.1	40.7
125	23.9	17.4	26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.408 ng/ul
RT: 26.204 min Scan# 6933
Delta R.T. -0.002 min
Lab File: BM033187.D
Acq: 19 Nov 2021 21:53

Tgt Ion:	276	Resp:	9721
Ion Ratio	Lower	Upper	
276	100		
138	21.3	22.9	34.3#
227	0.0	0.0	0.0

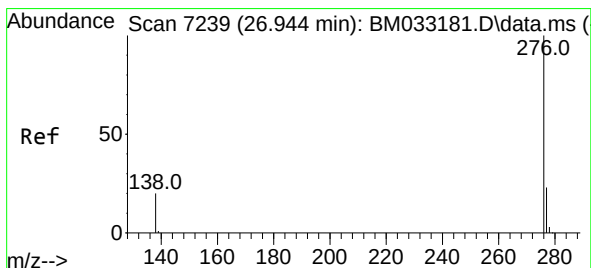
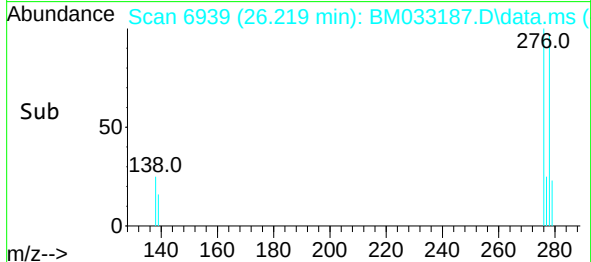
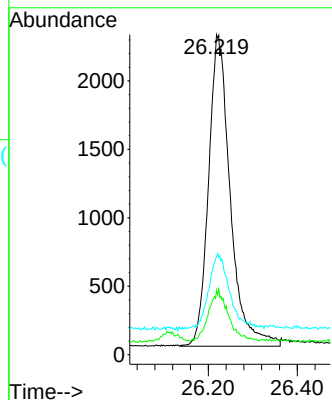
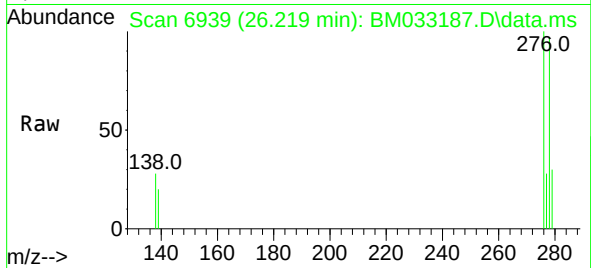




#28
Dibenzo(a,h)anthracene
Concen: 0.406 ng/ul
RT: 26.219 min Scan# 6942
Delta R.T. -0.007 min
Lab File: BM033187.D
Acq: 19 Nov 2021 21:53

Instrument :
BNA_M
ClientSampleId :
SLCS792

Tgt Ion:278 Resp: 7721
Ion Ratio Lower Upper
278 100
139 20.1 18.2 27.2
279 30.7 24.6 36.8



#29
Benzo(g,h,i)perylene
Concen: 0.408 ng/ul
RT: 26.941 min Scan# 7237
Delta R.T. 0.002 min
Lab File: BM033187.D
Acq: 19 Nov 2021 21:53

Tgt Ion:276 Resp: 8720
Ion Ratio Lower Upper
276 100
138 23.0 22.2 33.2
277 25.0 21.0 31.4

