

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
 Data File : BM033175.D
 Acq On : 19 Nov 2021 14:28
 Operator : CG/JU
 Sample : SSTD1.660
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 19 15:06:07 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 14:17:00 2021
 Response via : Initial Calibration

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

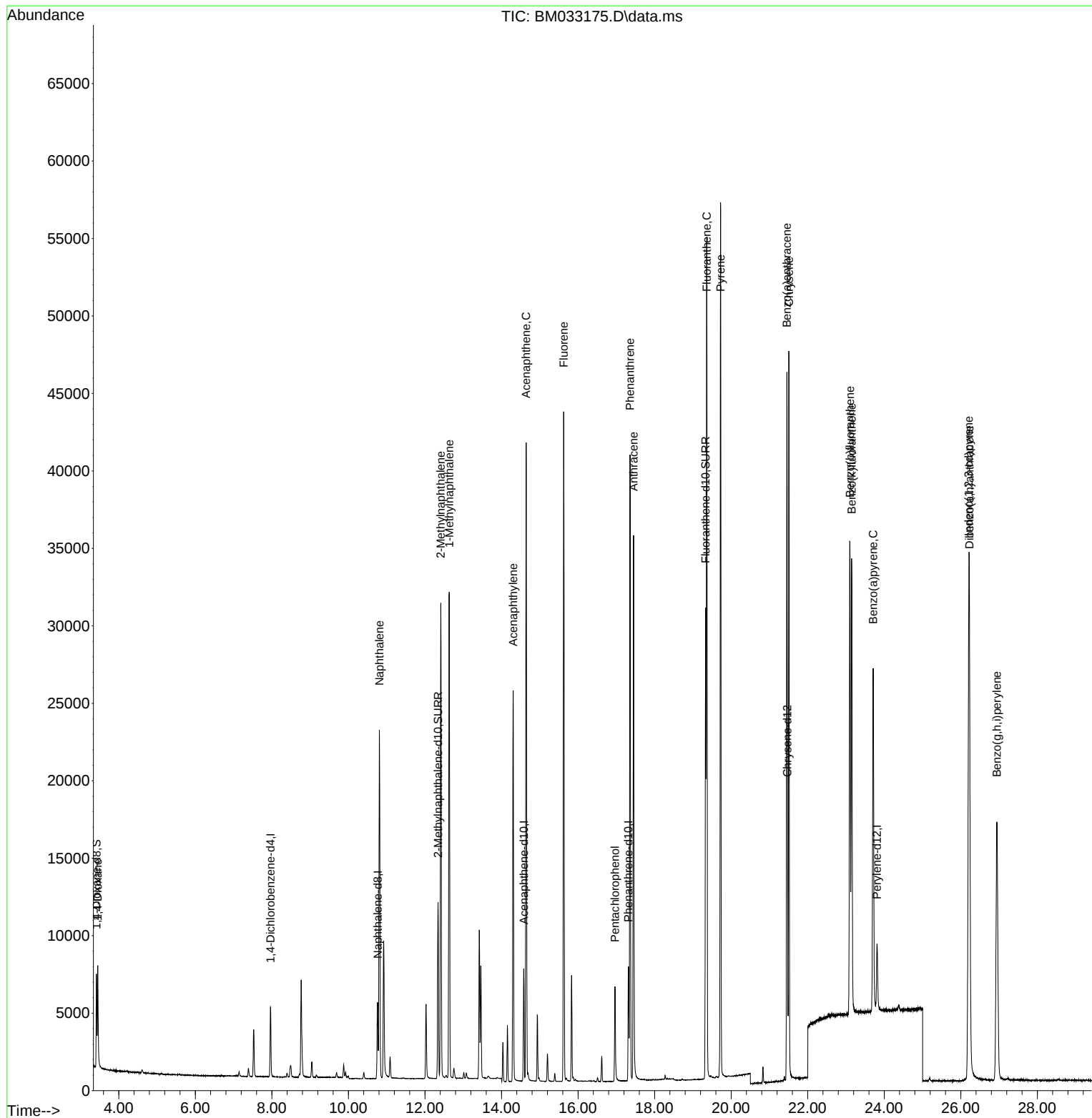
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	2364	0.400	ng/ul	0.00
4) Naphthalene-d8	10.764	136	6629	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.583	164	4008	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	8629	0.400	ng/ul	0.00
17) Chrysene-d12	21.472	240	7434	0.400	ng/ul	0.00
23) Perylene-d12	23.812	264	6064	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	3449	1.143	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.342	152	14578	1.549	ng/ul	0.00
18) Fluoranthene-d10	19.333	212	32714	1.452	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.451	88	3999	1.290	ng/ul	93
5) Naphthalene	10.809	128	31446	1.634	ng/ul	97
7) 2-Methylnaphthalene	12.414	142	21182	1.589	ng/ul	98
8) 1-Methylnaphthalene	12.635	142	20945	1.604	ng/ul	100
10) Acenaphthylene	14.306	152	29455	1.690	ng/ul#	98
11) Acenaphthene	14.643	153	23606	1.551	ng/ul	98
12) Fluorene	15.625	166	27286	1.521	ng/ul	98
14) Pentachlorophenol	16.965	266	4552	2.025	ng/ul	98
15) Phenanthrene	17.357	178	42803	1.493	ng/ul	99
16) Anthracene	17.451	178	39488	1.567	ng/ul	99
19) Fluoranthene	19.364	202	48160	1.382	ng/ul	95
20) Pyrene	19.726	202	47965	1.322	ng/ul#	93
21) Benzo(a)anthracene	21.457	228	39349	1.433	ng/ul	99
22) Chrysene	21.508	228	40609	1.312	ng/ul	98
24) Benzo(b)fluoranthene	23.102	252	41127	1.478	ng/ul	89
25) Benzo(k)fluoranthene	23.148	252	40429	1.355	ng/ul#	89
26) Benzo(a)pyrene	23.710	252	35141	1.532	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.210	276	43910	1.664	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.225	278	35391	1.693	ng/ul#	89
29) Benzo(g,h,i)perylene	26.942	276	38004	1.659	ng/ul#	91

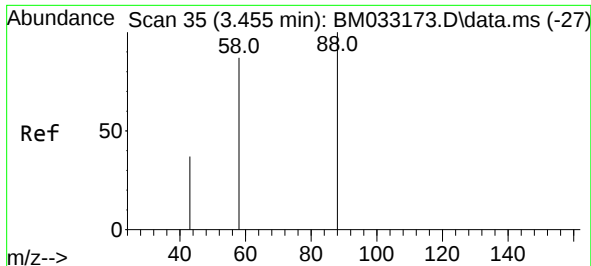
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_M
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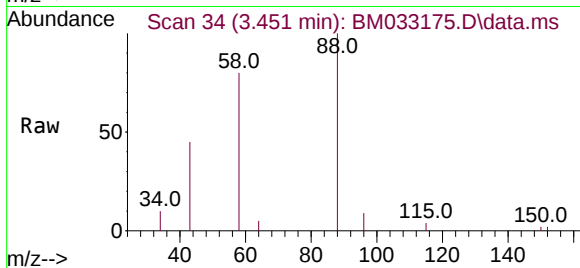
Quant Time: Nov 19 15:06:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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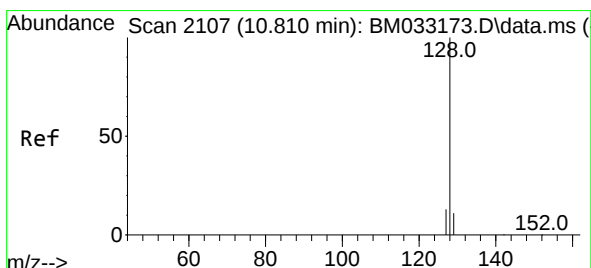
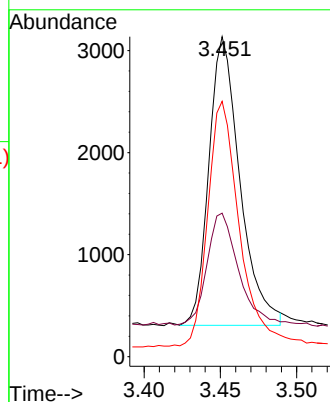
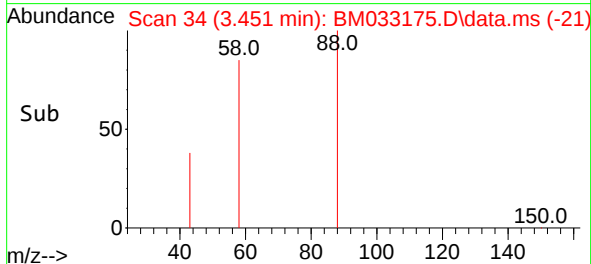


#2
1,4-Dioxane
Concen: 1.290 ng/ul
RT: 3.451 min Scan# 34
Delta R.T. -0.004 min
Lab File: BM033175.D
Acq: 19 Nov 2021 14:28

Instrument :
BNA_M
ClientSampleId :

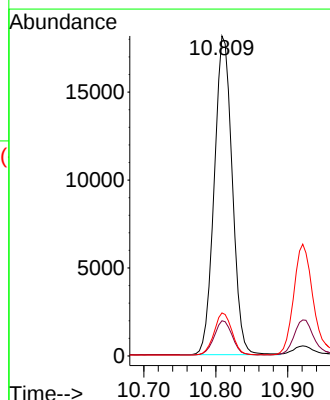
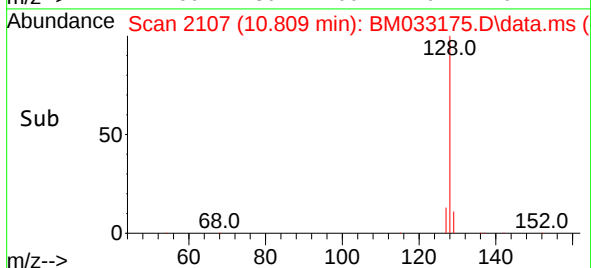
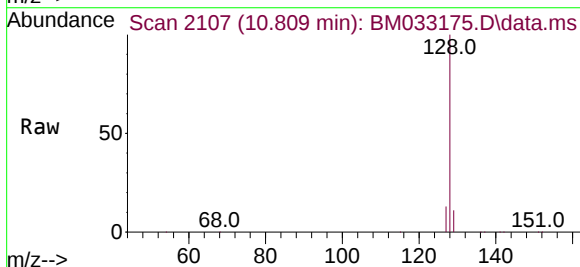


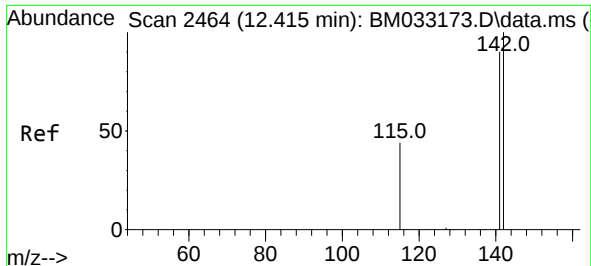
Tgt Ion: 88 Resp: 3999
Ion Ratio Lower Upper
88 100
43 44.8 35.8 53.8
58 79.8 55.8 83.8



#5
Naphthalene
Concen: 1.634 ng/ul
RT: 10.809 min Scan# 2107
Delta R.T. -0.001 min
Lab File: BM033175.D
Acq: 19 Nov 2021 14:28

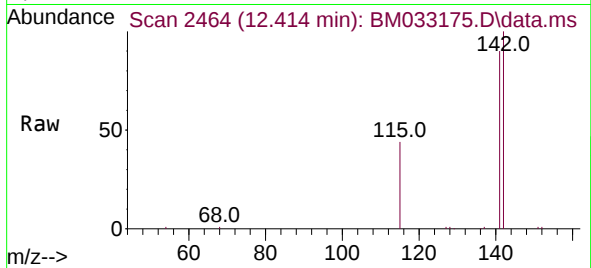
Tgt Ion: 128 Resp: 31446
Ion Ratio Lower Upper
128 100
129 11.0 9.8 14.6
127 13.4 11.8 17.8



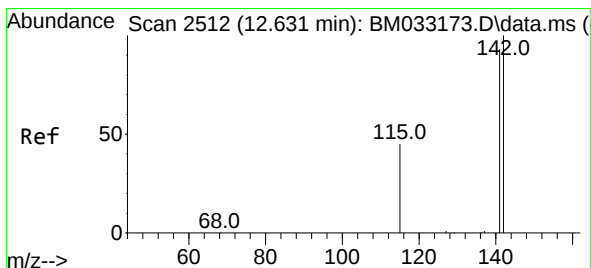
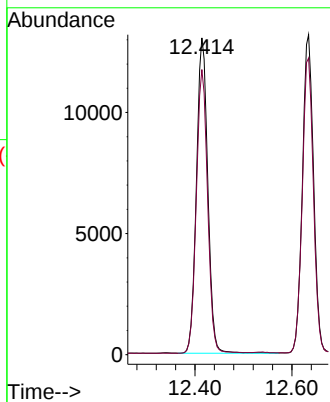
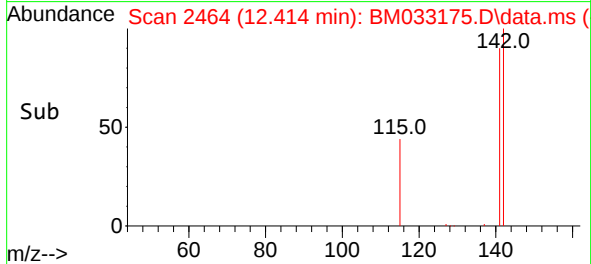


#7
2-Methylnaphthalene
Concen: 1.589 ng/ul
RT: 12.414 min Scan# 2464
Delta R.T. -0.001 min
Lab File: BM033175.D
Acq: 19 Nov 2021 14:28

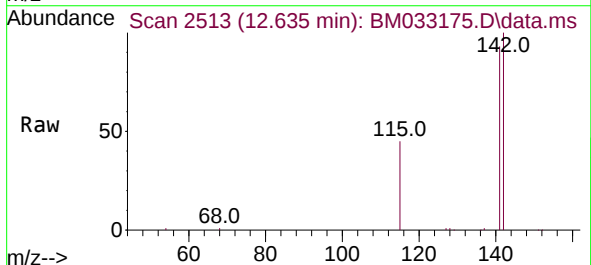
Instrument :
BNA_M
ClientSampleId :



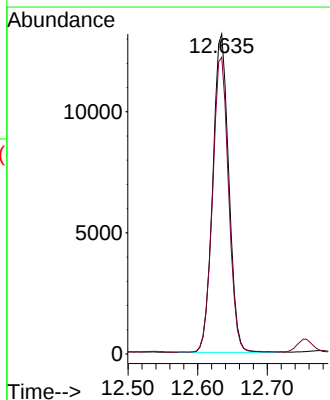
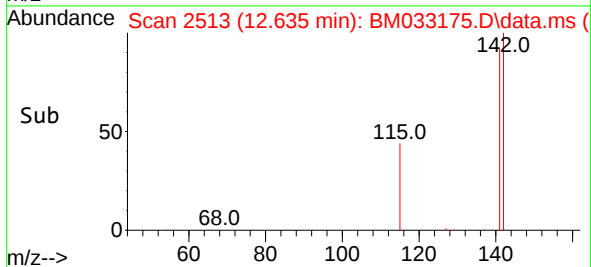
Tgt Ion:142 Resp: 21182
Ion Ratio Lower Upper
142 100
141 89.4 73.3 109.9

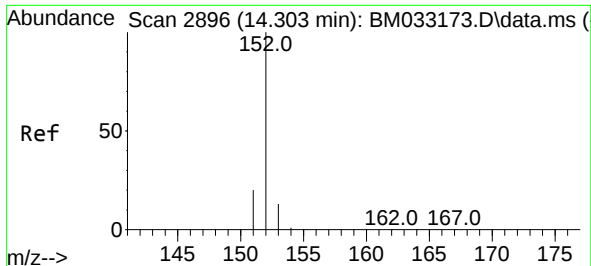


#8
1-Methylnaphthalene
Concen: 1.604 ng/ul
RT: 12.635 min Scan# 2513
Delta R.T. 0.003 min
Lab File: BM033175.D
Acq: 19 Nov 2021 14:28



Tgt Ion:142 Resp: 20945
Ion Ratio Lower Upper
142 100
141 93.0 74.5 111.7

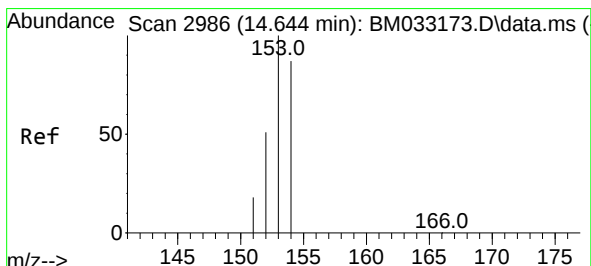
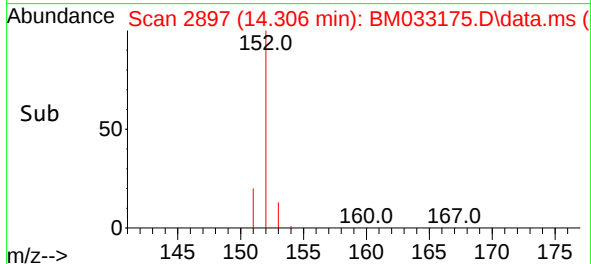
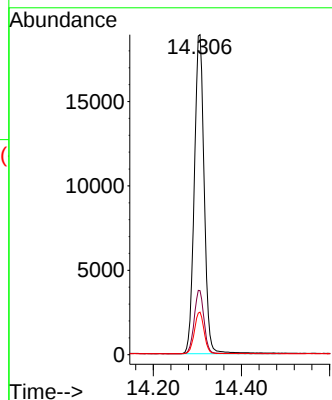
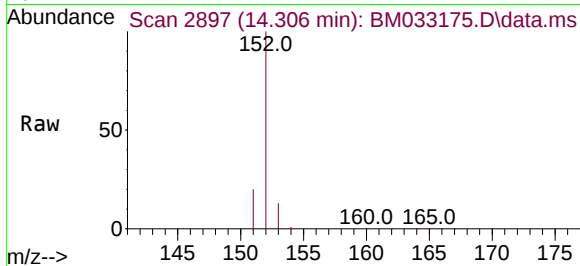




#10
Acenaphthylene
Concen: 1.690 ng/ul
RT: 14.306 min Scan# 2896
Delta R.T. 0.003 min
Lab File: BM033175.D
Acq: 19 Nov 2021 14:28

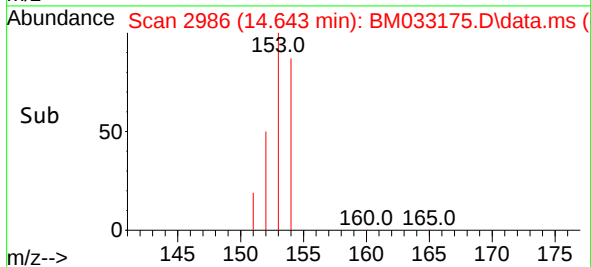
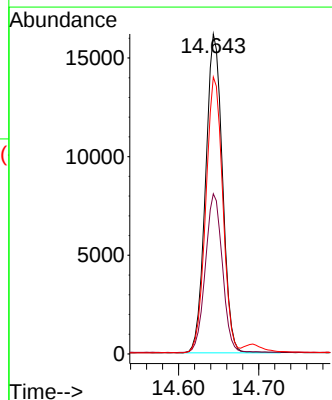
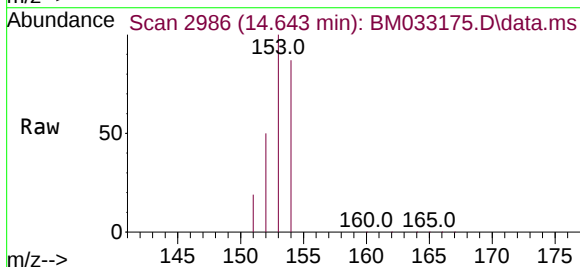
Instrument :
BNA_M
ClientSampleId :

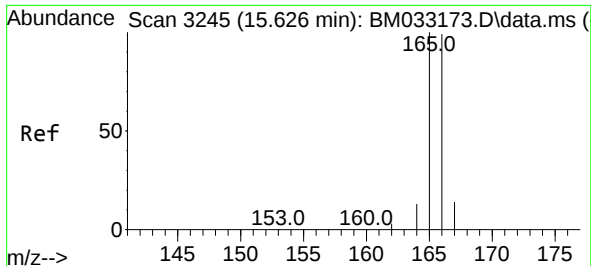
Tgt Ion:152 Resp: 29455
Ion Ratio Lower Upper
152 100
151 20.0 16.7 25.1
153 13.3 0.0 0.0#



#11
Acenaphthene
Concen: 1.551 ng/ul
RT: 14.643 min Scan# 2986
Delta R.T. -0.001 min
Lab File: BM033175.D
Acq: 19 Nov 2021 14:28

Tgt Ion:153 Resp: 23606
Ion Ratio Lower Upper
153 100
152 50.1 40.6 60.8
154 86.5 70.8 106.2

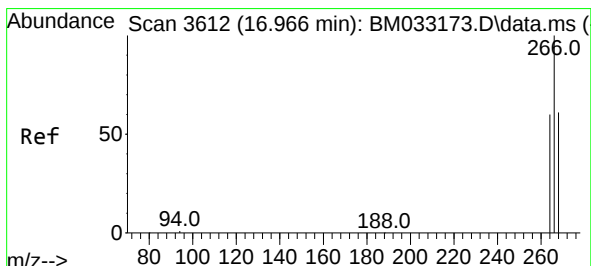
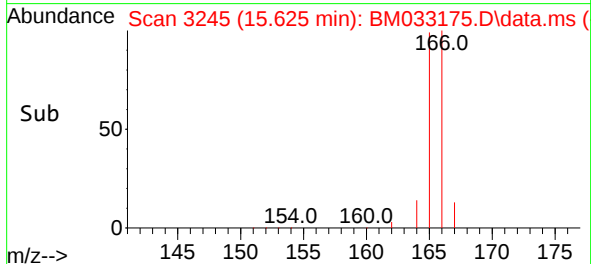
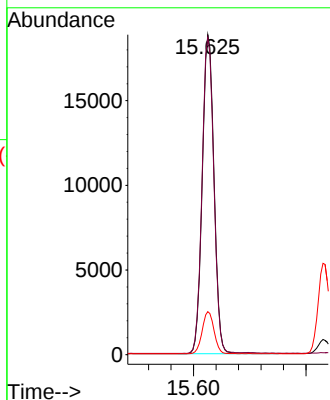
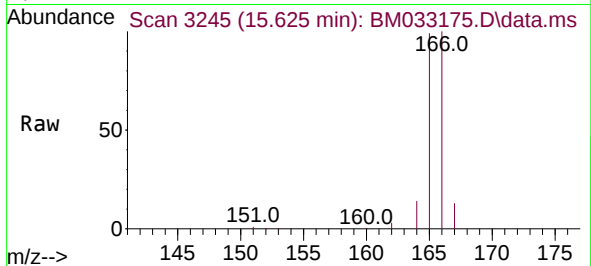




#12
 Fluorene
 Concen: 1.521 ng/ul
 RT: 15.625 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BM033175.D
 Acq: 19 Nov 2021 14:28

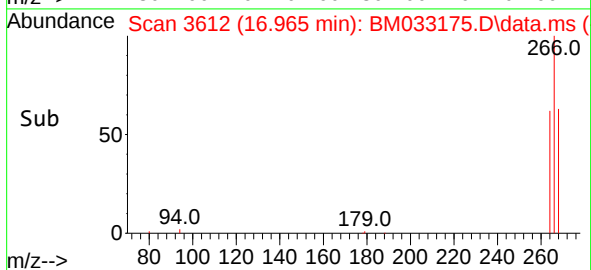
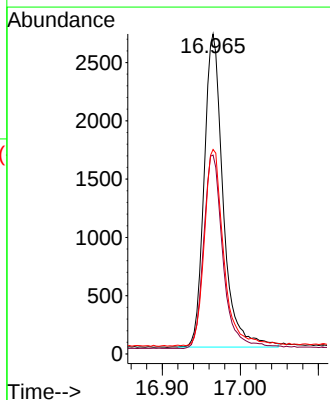
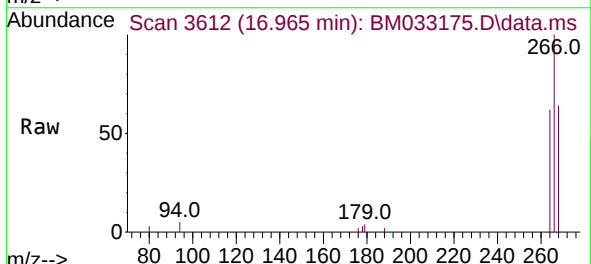
Instrument :
 BNA_M
 ClientSampleId :

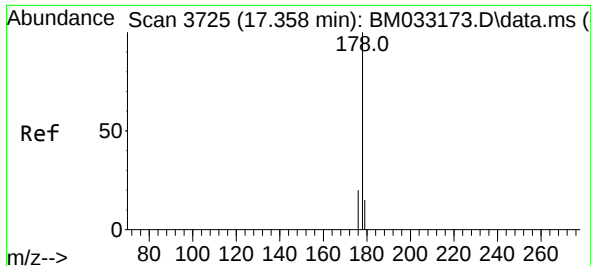
Tgt Ion:166 Resp: 27286
 Ion Ratio Lower Upper
 166 100
 165 99.1 80.8 121.2
 167 13.4 11.7 17.5



#14
 Pentachlorophenol
 Concen: 2.025 ng/ul
 RT: 16.965 min Scan# 3612
 Delta R.T. -0.001 min
 Lab File: BM033175.D
 Acq: 19 Nov 2021 14:28

Tgt Ion:266 Resp: 4552
 Ion Ratio Lower Upper
 266 100
 264 63.0 51.2 76.8
 268 63.4 52.9 79.3

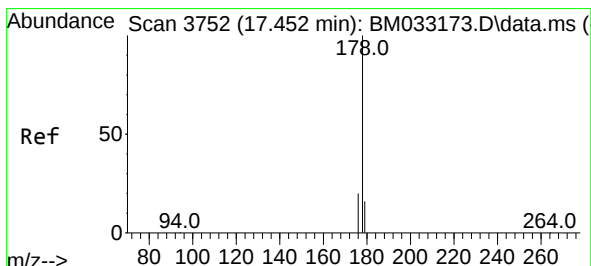
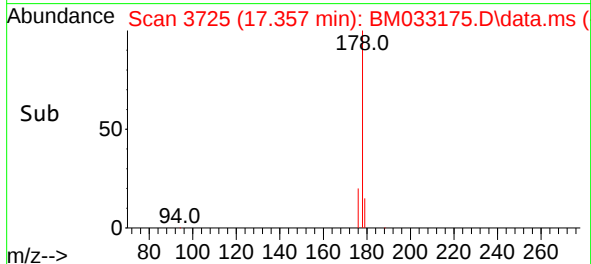
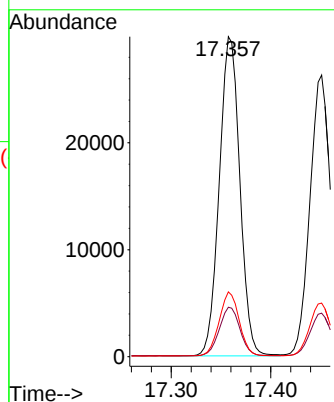
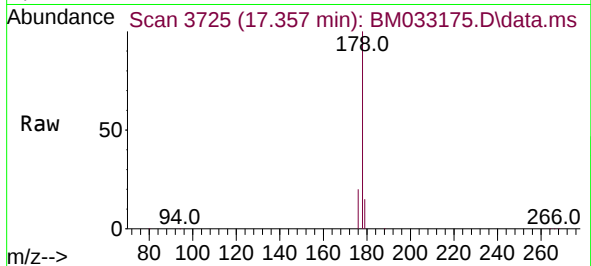




#15
Phenanthrene
Concen: 1.493 ng/ul
RT: 17.357 min Scan# 3725
Delta R.T. -0.001 min
Lab File: BM033175.D
Acq: 19 Nov 2021 14:28

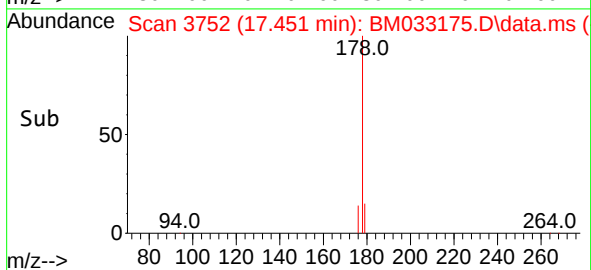
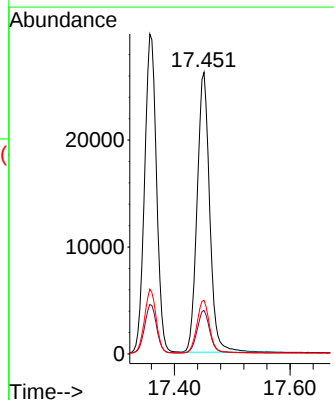
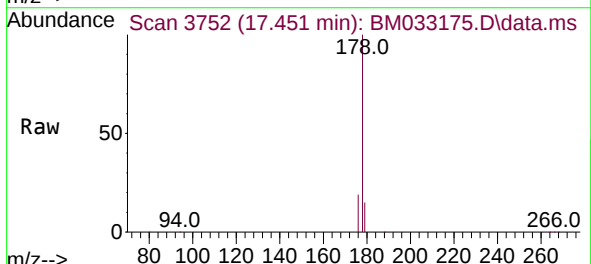
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BNA_M
ClientSampleId :

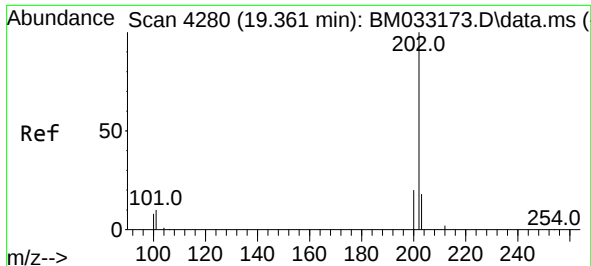
Tgt Ion:178 Resp: 42803
Ion Ratio Lower Upper
178 100
179 15.5 12.9 19.3
176 20.2 16.0 24.0



#16
Anthracene
Concen: 1.567 ng/ul
RT: 17.451 min Scan# 3752
Delta R.T. -0.001 min
Lab File: BM033175.D
Acq: 19 Nov 2021 14:28

Tgt Ion:178 Resp: 39488
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.1 15.6 23.4

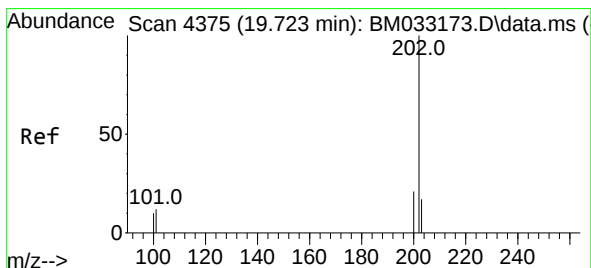
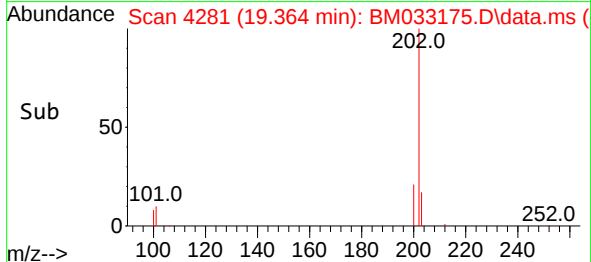
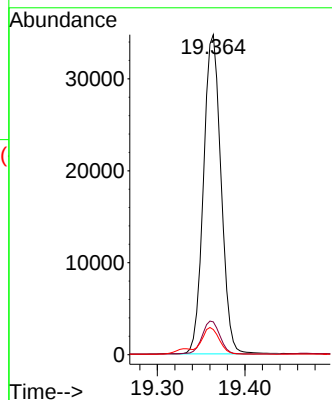
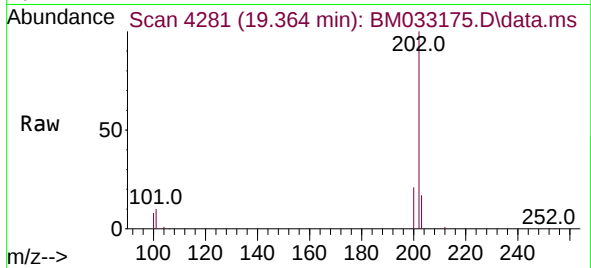




#19
Fluoranthene
Concen: 1.382 ng/ul
RT: 19.364 min Scan# 4280
Delta R.T. 0.003 min
Lab File: BM033175.D
Acq: 19 Nov 2021 14:28

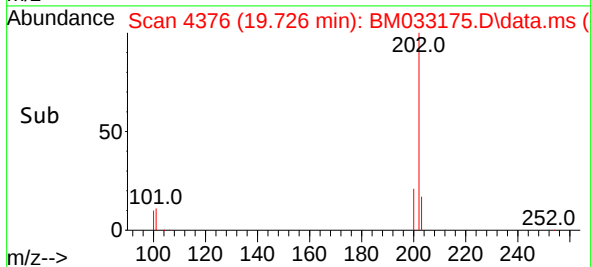
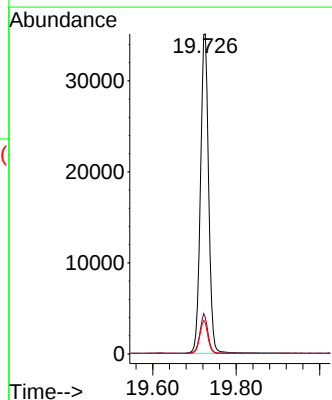
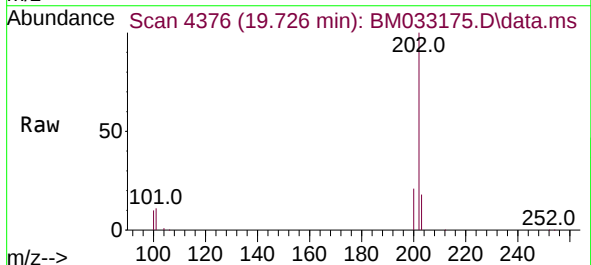
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ClientSampleId :

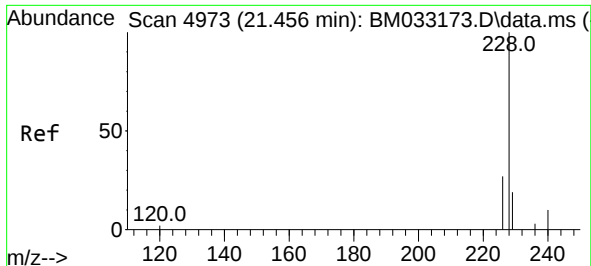
Tgt Ion:202 Resp: 48160
Ion Ratio Lower Upper
202 100
101 10.3 9.9 14.9
100 7.8 7.3 10.9



#20
Pyrene
Concen: 1.322 ng/ul
RT: 19.726 min Scan# 4376
Delta R.T. 0.003 min
Lab File: BM033175.D
Acq: 19 Nov 2021 14:28

Tgt Ion:202 Resp: 47965
Ion Ratio Lower Upper
202 100
101 11.4 11.8 17.6#
100 9.7 9.5 14.3

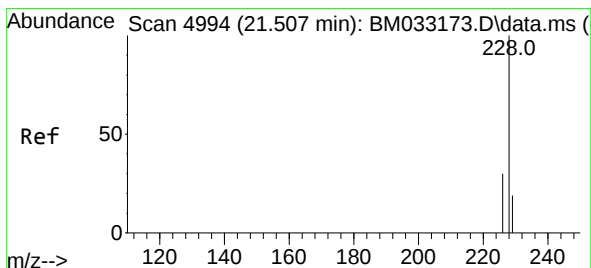
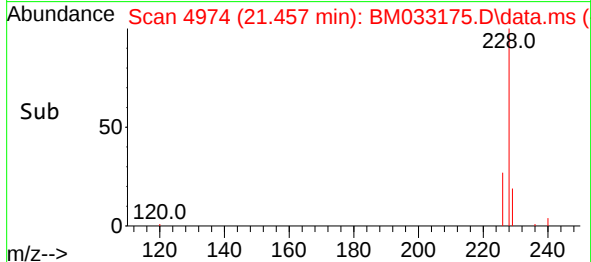
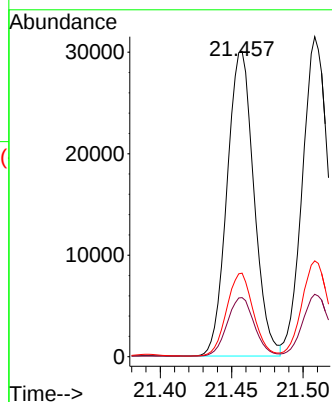
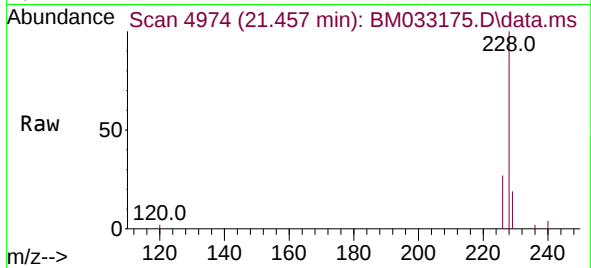




#21
Benzo(a)anthracene
Concen: 1.433 ng/ul
RT: 21.457 min Scan# 4973
Delta R.T. 0.001 min
Lab File: BM033175.D
Acq: 19 Nov 2021 14:28

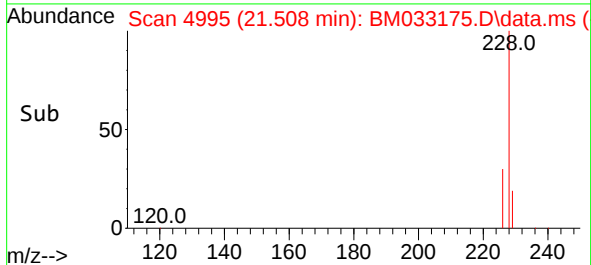
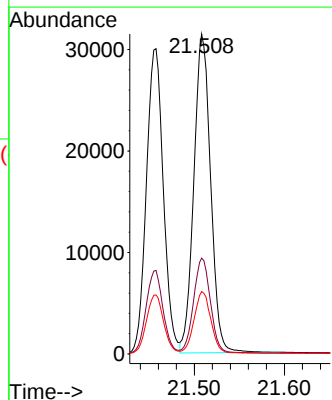
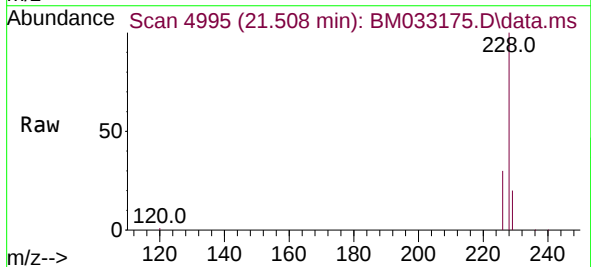
Instrument :
BNA_M
ClientSampleId :

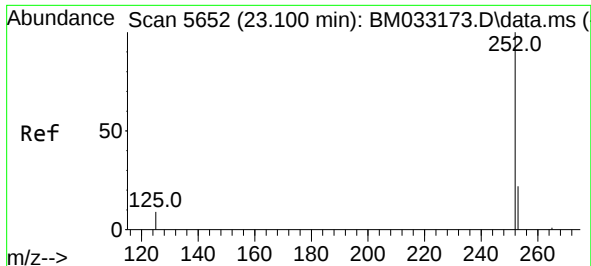
Tgt Ion:228 Resp: 39349
Ion Ratio Lower Upper
228 100
229 19.4 15.7 23.5
226 27.4 22.4 33.6



#22
Chrysene
Concen: 1.312 ng/ul
RT: 21.508 min Scan# 4995
Delta R.T. 0.001 min
Lab File: BM033175.D
Acq: 19 Nov 2021 14:28

Tgt Ion:228 Resp: 40609
Ion Ratio Lower Upper
228 100
226 30.0 24.9 37.3
229 19.5 16.1 24.1

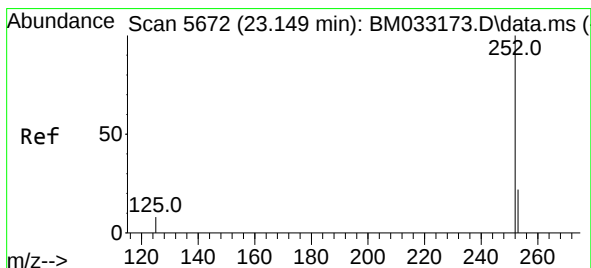
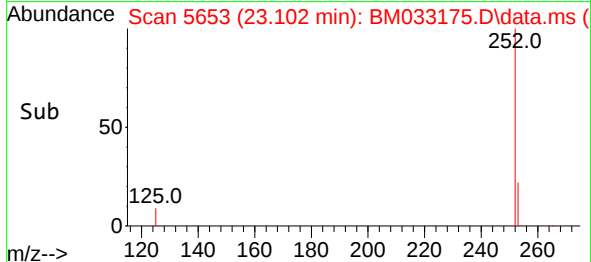
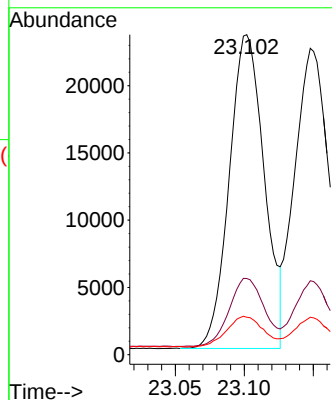
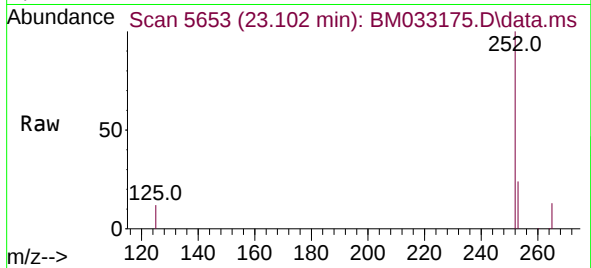




#24
Benzo(b)fluoranthene
Concen: 1.478 ng/ul
RT: 23.102 min Scan# 5652
Delta R.T. 0.001 min
Lab File: BM033175.D
Acq: 19 Nov 2021 14:28

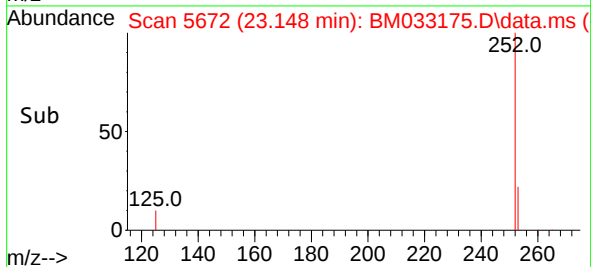
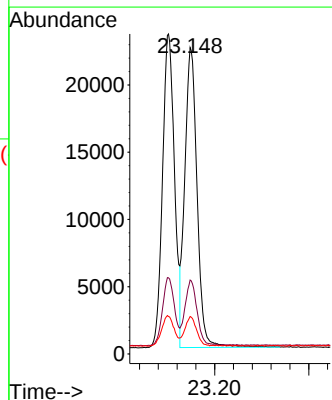
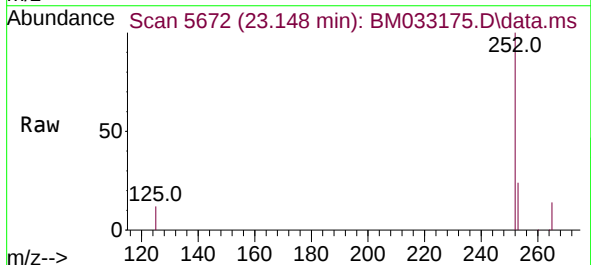
Instrument :
BNA_M
ClientSampleId :

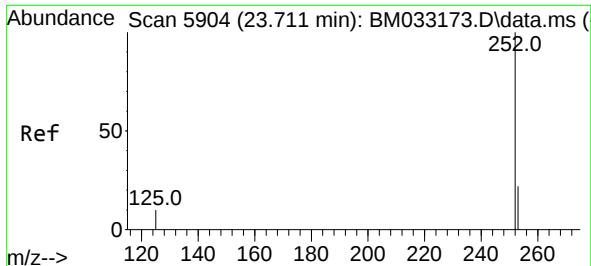
Tgt Ion:252 Resp: 41127
Ion Ratio Lower Upper
252 100
253 23.8 0.0 59.2
125 11.7 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 1.355 ng/ul
RT: 23.148 min Scan# 5672
Delta R.T. -0.001 min
Lab File: BM033175.D
Acq: 19 Nov 2021 14:28

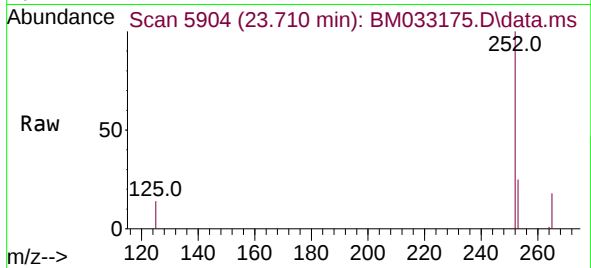
Tgt Ion:252 Resp: 40429
Ion Ratio Lower Upper
252 100
253 24.2 23.1 34.7
125 12.2 14.6 21.8#



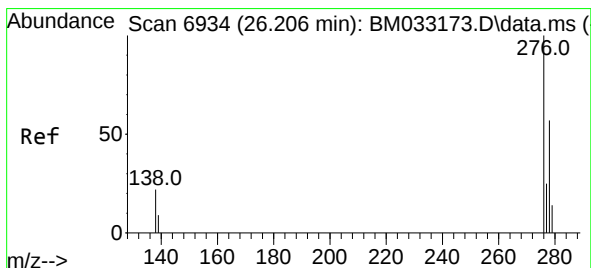
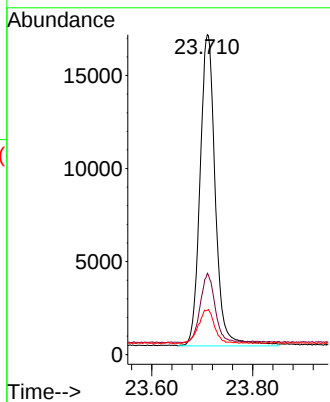
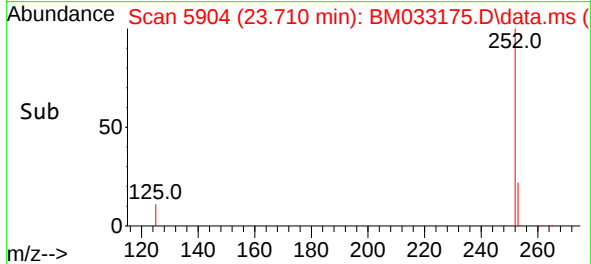


#26
Benzo(a)pyrene
Concen: 1.532 ng/ul
RT: 23.710 min Scan# 5904
Delta R.T. -0.001 min
Lab File: BM033175.D
Acq: 19 Nov 2021 14:28

Instrument :
BNA_M
ClientSampleId :

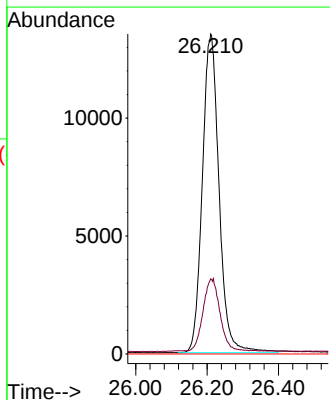
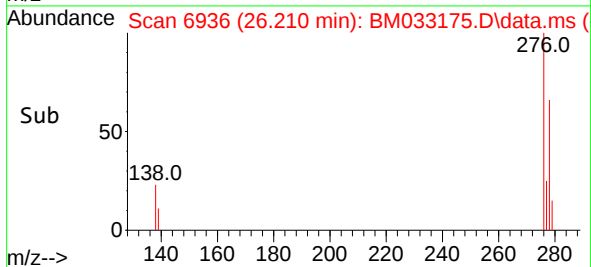
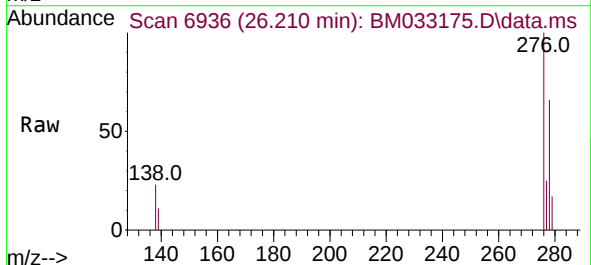


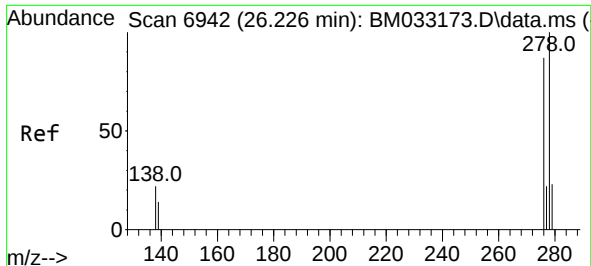
Tgt Ion:252 Resp: 35141
Ion Ratio Lower Upper
252 100
253 25.5 27.1 40.7#
125 13.9 17.4 26.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.664 ng/ul
RT: 26.210 min Scan# 6936
Delta R.T. 0.004 min
Lab File: BM033175.D
Acq: 19 Nov 2021 14:28

Tgt Ion:276 Resp: 43910
Ion Ratio Lower Upper
276 100
138 22.6 22.9 34.3#
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 1.693 ng/ul

RT: 26.225 min Scan# 6942

Delta R.T. -0.001 min

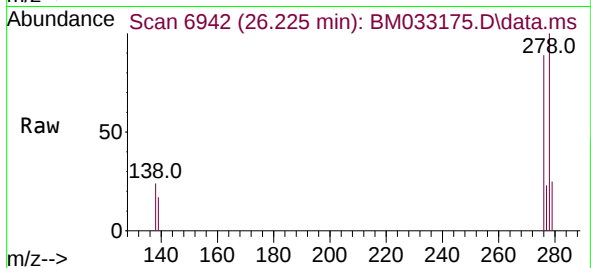
Lab File: BM033175.D

Acq: 19 Nov 2021 14:28

Instrument :

BNA_M

ClientSampleId :



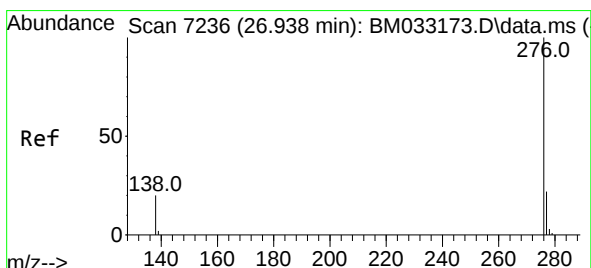
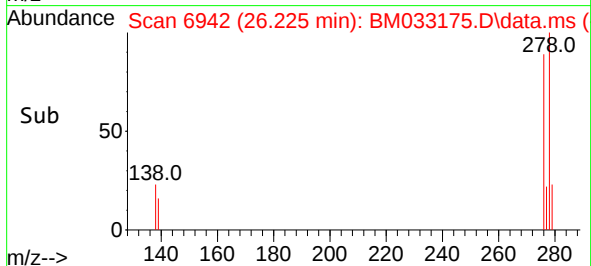
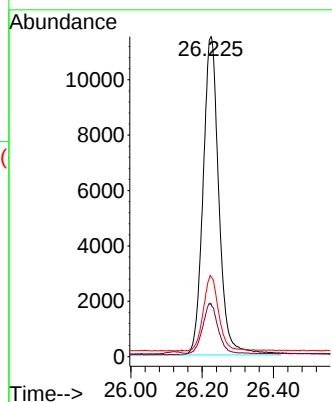
Tgt Ion:278 Resp: 35391

Ion Ratio Lower Upper

278 100

139 16.6 18.2 27.2#

279 25.0 24.6 36.8



#29

Benzo(g,h,i)perylene

Concen: 1.659 ng/ul

RT: 26.942 min Scan# 7238

Delta R.T. 0.004 min

Lab File: BM033175.D

Acq: 19 Nov 2021 14:28

Tgt Ion:276 Resp: 38004

Ion Ratio Lower Upper

276 100

138 20.9 22.2 33.2#

277 24.2 21.0 31.4

