

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
 Data File : BM033200.D
 Acq On : 20 Nov 2021 06:13
 Operator : CG/JU
 Sample : PB140884BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS884

Quant Time: Nov 20 07:00:01 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)

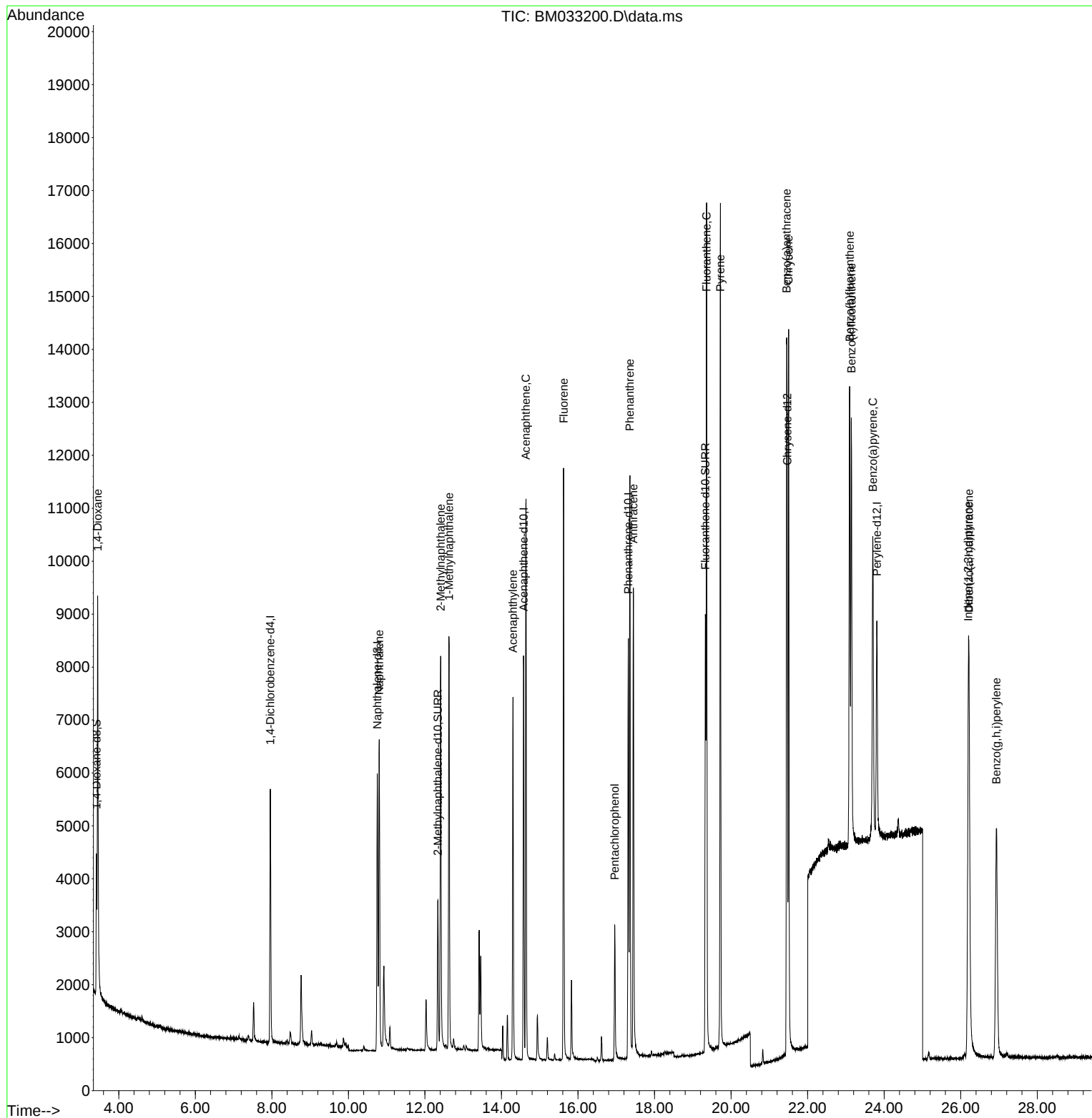
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	2561	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	7084	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.576	164	4361	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	9559	0.400	ng/ul	0.00
17) Chrysene-d12	21.468	240	7603	0.400	ng/ul	0.00
23) Perylene-d12	23.808	264	6082	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	1730	0.718	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.339	152	4004	0.408	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	9795	0.445	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	4961	1.832	ng/ul	91
5) Naphthalene	10.805	128	8441	0.384	ng/ul	98
7) 2-Methylnaphthalene	12.411	142	5626	0.396	ng/ul	97
8) 1-Methylnaphthalene	12.631	142	5436	0.387	ng/ul	100
10) Acenaphthylene	14.299	152	7977	0.391	ng/ul#	99
11) Acenaphthene	14.637	153	6417	0.384	ng/ul	97
12) Fluorene	15.623	166	7345	0.389	ng/ul	97
14) Pentachlorophenol	16.959	266	1891	0.593	ng/ul	98
15) Phenanthrene	17.355	178	12014	0.346	ng/ul	100
16) Anthracene	17.445	178	10710	0.382	ng/ul	100
19) Fluoranthene	19.357	202	13840	0.378	ng/ul	99
20) Pyrene	19.720	202	13920	0.383	ng/ul	97
21) Benzo(a)anthracene	21.451	228	11204	0.413	ng/ul	99
22) Chrysene	21.502	228	12455	0.417	ng/ul	99
24) Benzo(b)fluoranthene	23.098	252	11977	0.435	ng/ul	99
25) Benzo(k)fluoranthene	23.142	252	11708	0.431	ng/ul	98
26) Benzo(a)pyrene	23.701	252	9606	0.421	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.199	276	11612	0.404	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.216	278	9236	0.402	ng/ul	96
29) Benzo(g,h,i)perylene	26.931	276	10370	0.401	ng/ul	95

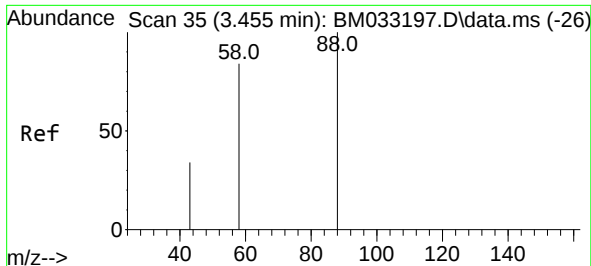
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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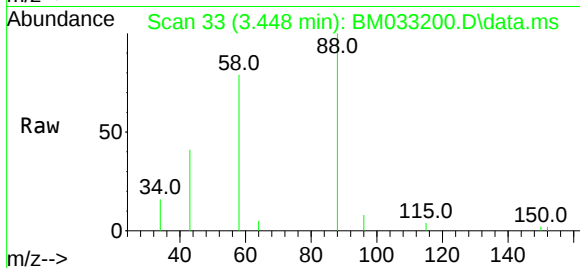
Quant Time: Nov 20 07:00:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 15:41:12 2021
Response via : Initial Calibration



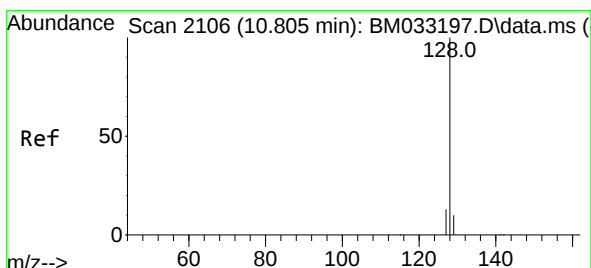
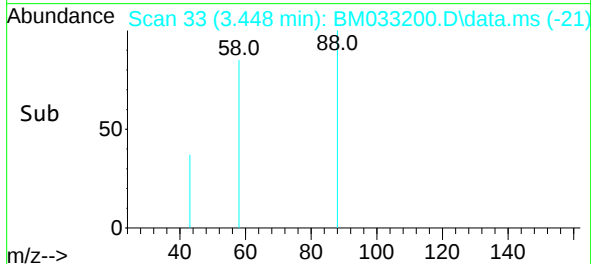
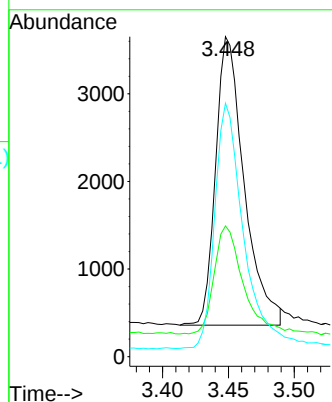


#2
1,4-Dioxane
Concen: 1.832 ng/ul
RT: 3.448 min Scan# 31
Delta R.T. -0.007 min
Lab File: BM033200.D
Acq: 20 Nov 2021 06:13

Instrument :
BNA_M
ClientSampleId :
SLCS884

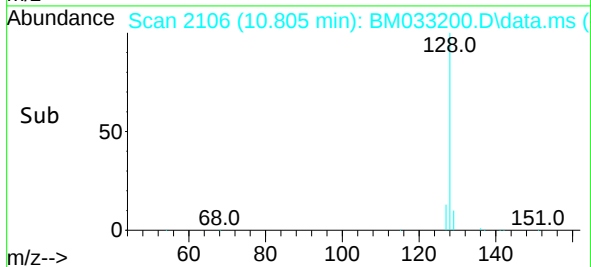
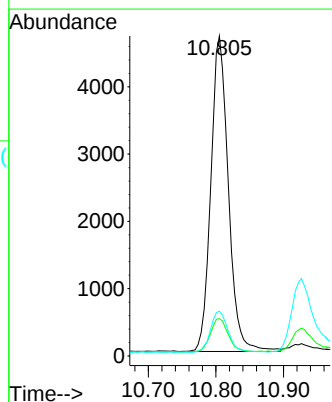
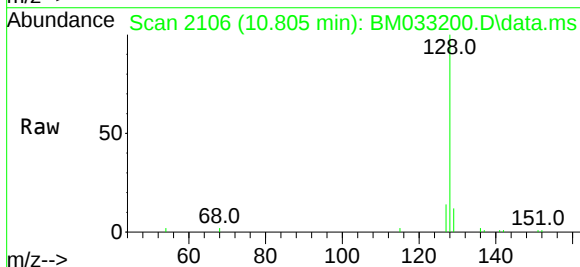


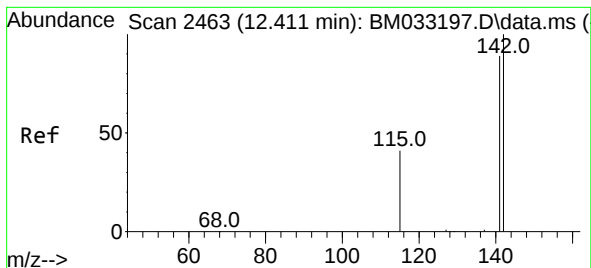
Tgt Ion: 88 Resp: 4961
Ion Ratio Lower Upper
88 100
43 40.8 35.8 53.8
58 79.2 55.8 83.8



#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.805 min Scan# 2106
Delta R.T. -0.004 min
Lab File: BM033200.D
Acq: 20 Nov 2021 06:13

Tgt Ion: 128 Resp: 8441
Ion Ratio Lower Upper
128 100
129 11.6 9.8 14.6
127 14.0 11.8 17.8

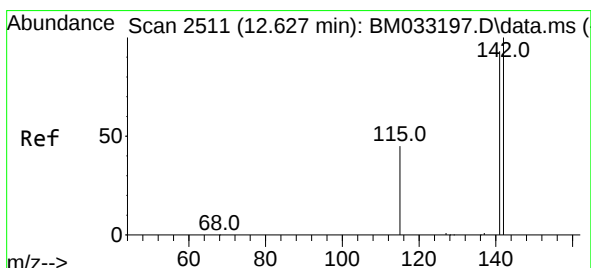
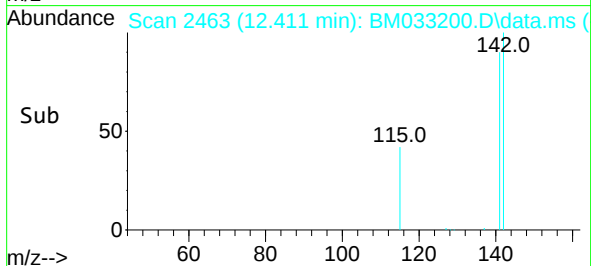
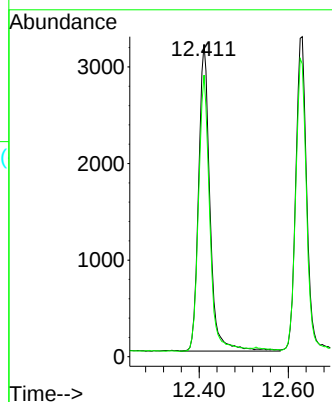
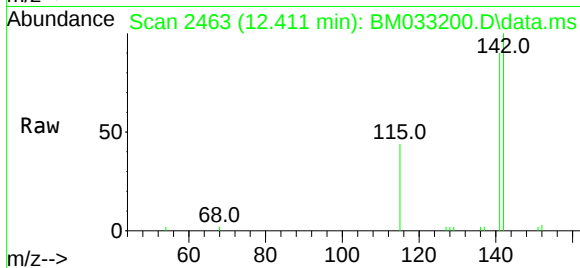




#7
2-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.411 min Scan# 2463
Delta R.T. -0.004 min
Lab File: BM033200.D
Acq: 20 Nov 2021 06:13

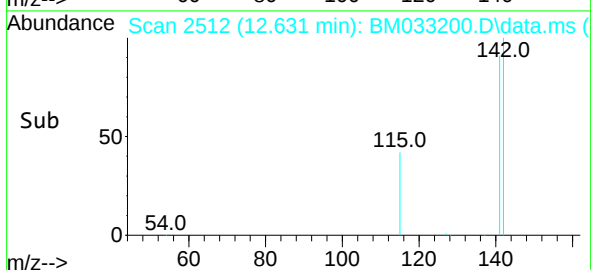
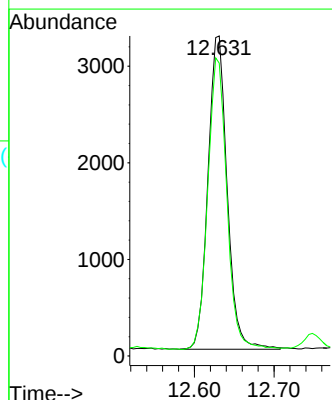
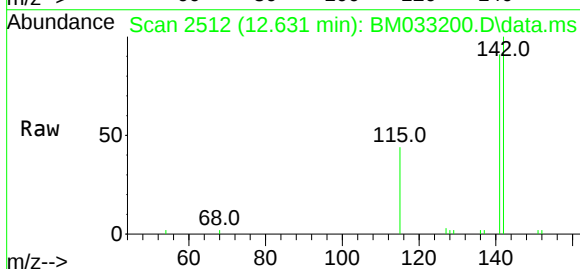
Instrument :
BNA_M
ClientSampleId :
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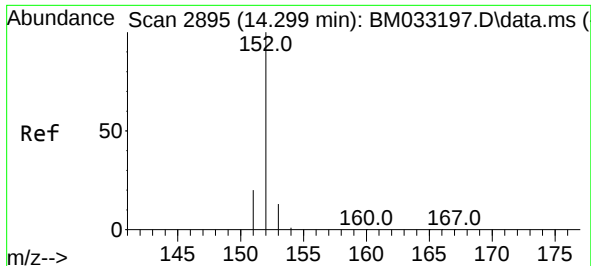
Tgt Ion:142 Resp: 5626
Ion Ratio Lower Upper
142 100
141 88.9 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.631 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BM033200.D
Acq: 20 Nov 2021 06:13

Tgt Ion:142 Resp: 5436
Ion Ratio Lower Upper
142 100
141 92.8 74.5 111.7

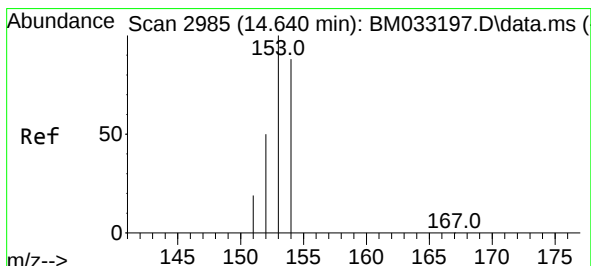
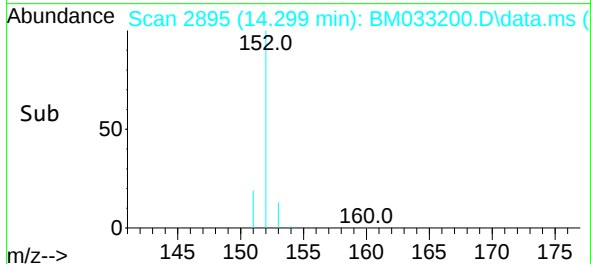
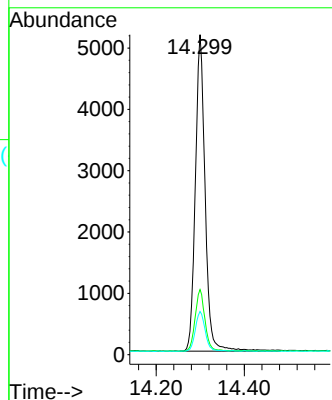
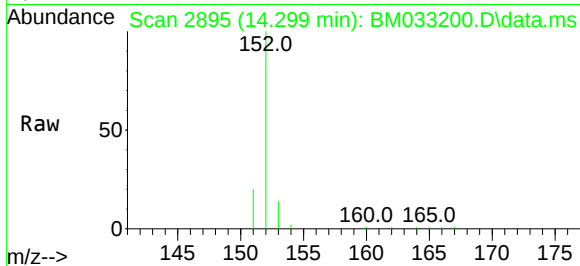




#10
Acenaphthylene
Concen: 0.391 ng/ul
RT: 14.299 min Scan# 2895
Delta R.T. -0.004 min
Lab File: BM033200.D
Acq: 20 Nov 2021 06:13

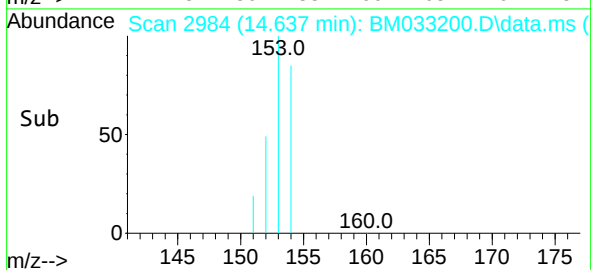
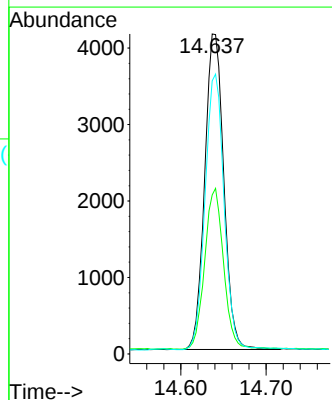
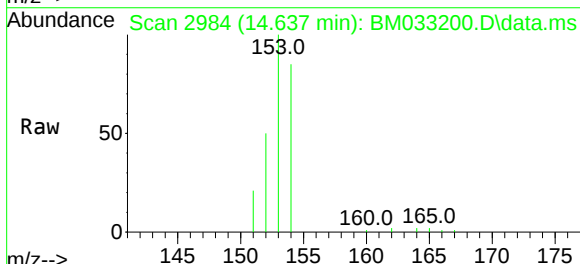
Instrument :
BNA_M
ClientSampleId :
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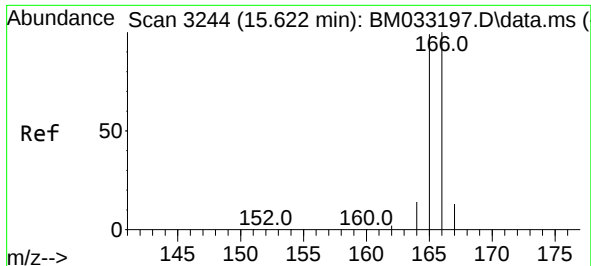
Tgt Ion:152 Resp: 7977
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1
153 13.5 0.0 0.0#



#11
Acenaphthene
Concen: 0.384 ng/ul
RT: 14.637 min Scan# 2984
Delta R.T. -0.008 min
Lab File: BM033200.D
Acq: 20 Nov 2021 06:13

Tgt Ion:153 Resp: 6417
Ion Ratio Lower Upper
153 100
152 49.7 40.6 60.8
154 85.3 70.8 106.2

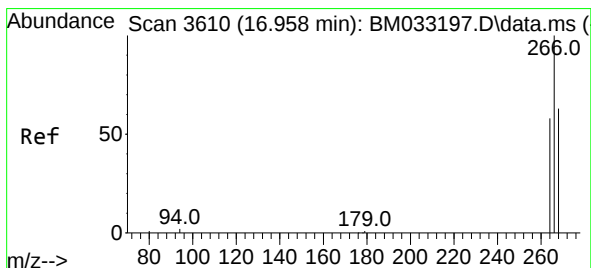
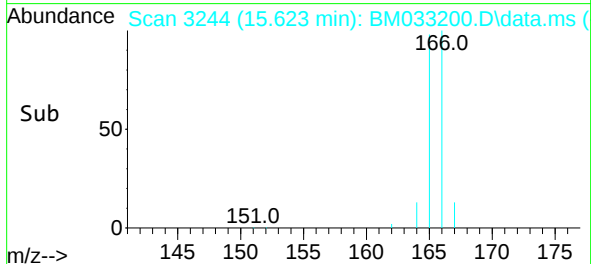
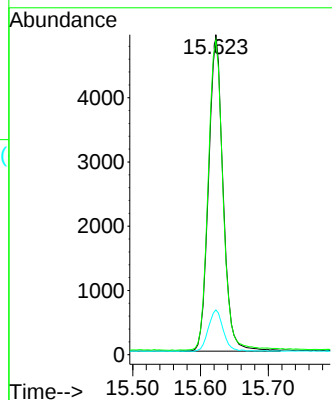
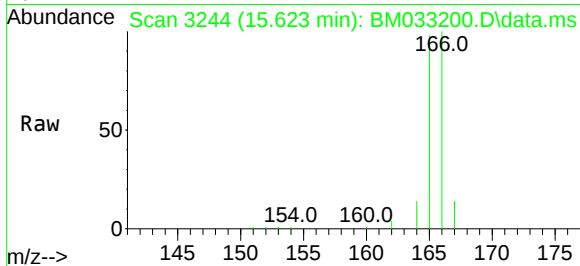




#12
Fluorene
Concen: 0.389 ng/ul
RT: 15.623 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM033200.D
Acq: 20 Nov 2021 06:13

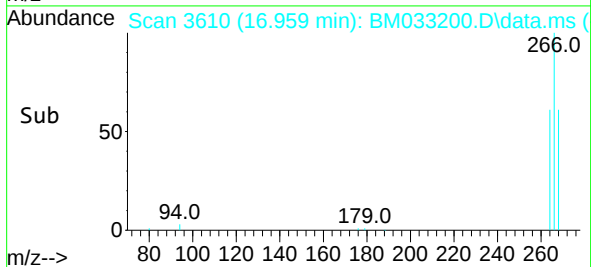
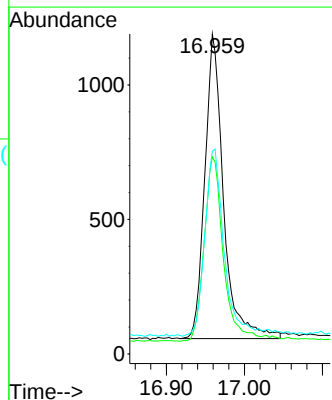
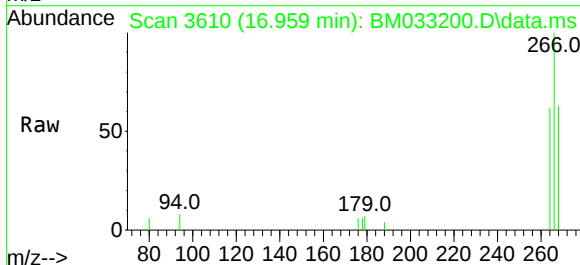
Instrument :
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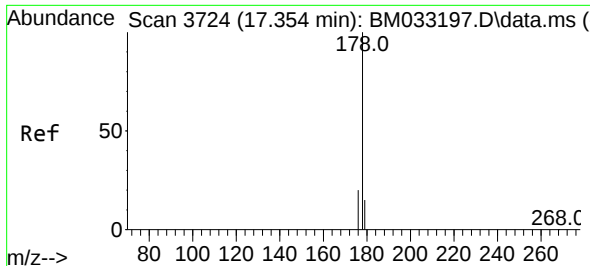
Tgt Ion:166 Resp: 7345
Ion Ratio Lower Upper
166 100
165 98.3 80.8 121.2
167 14.0 11.7 17.5



#14
Pentachlorophenol
Concen: 0.593 ng/ul
RT: 16.959 min Scan# 3610
Delta R.T. -0.007 min
Lab File: BM033200.D
Acq: 20 Nov 2021 06:13

Tgt Ion:266 Resp: 1891
Ion Ratio Lower Upper
266 100
264 63.2 51.2 76.8
268 64.4 52.9 79.3

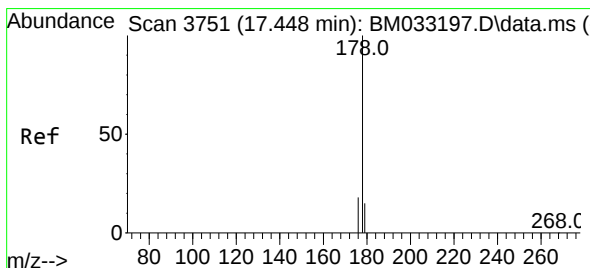
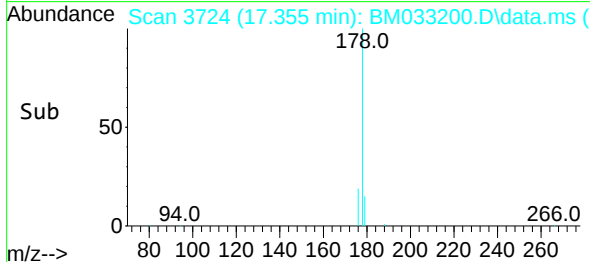
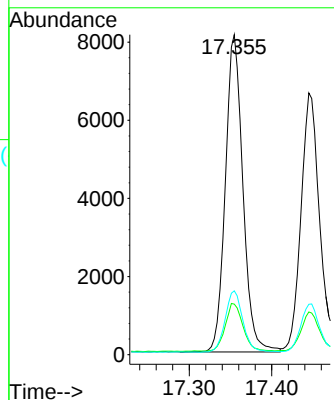
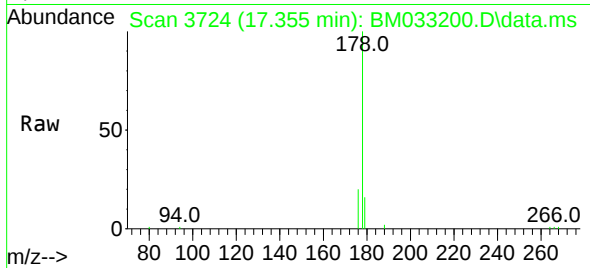




#15
Phenanthrene
Concen: 0.346 ng/ul
RT: 17.355 min Scan# 31
Delta R.T. -0.003 min
Lab File: BM033200.D
Acq: 20 Nov 2021 06:13

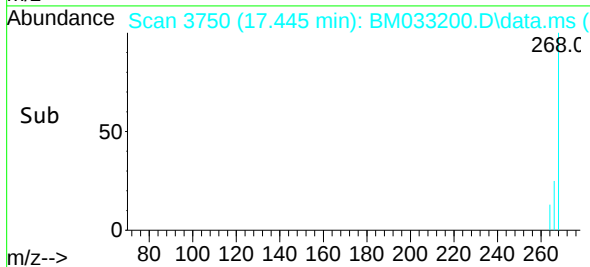
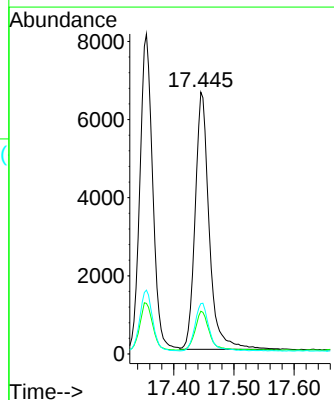
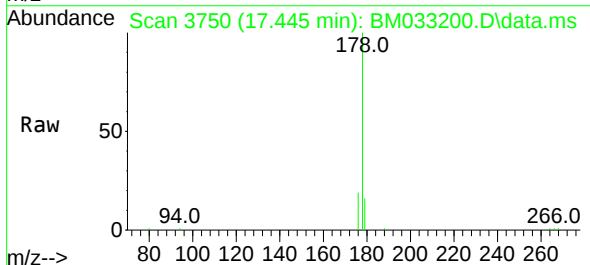
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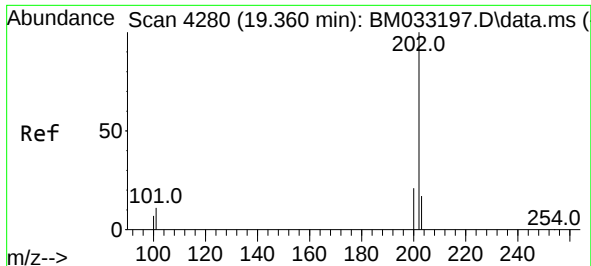
Tgt Ion:	178	Resp:	12014
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.9	19.3
176	20.0	16.0	24.0



#16
Anthracene
Concen: 0.382 ng/ul
RT: 17.445 min Scan# 3750
Delta R.T. -0.007 min
Lab File: BM033200.D
Acq: 20 Nov 2021 06:13

Tgt Ion:	178	Resp:	10710
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.0	19.6
176	19.3	15.6	23.4

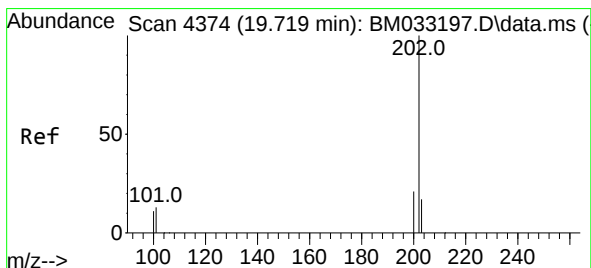
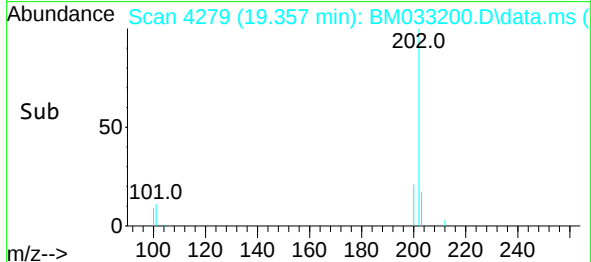
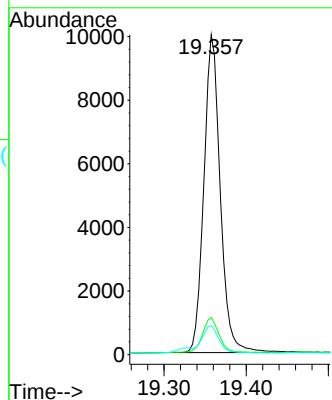
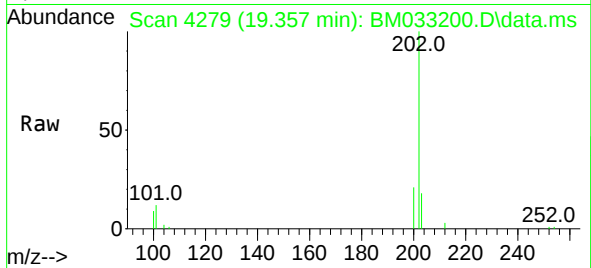




#19
Fluoranthene
Concen: 0.378 ng/ul
RT: 19.357 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM033200.D
Acq: 20 Nov 2021 06:13

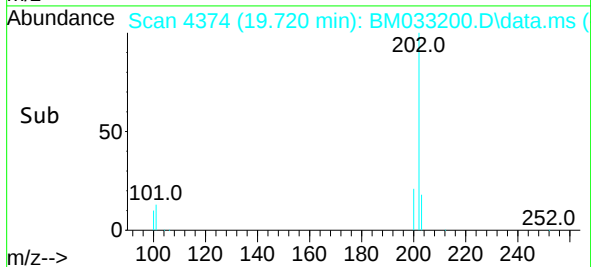
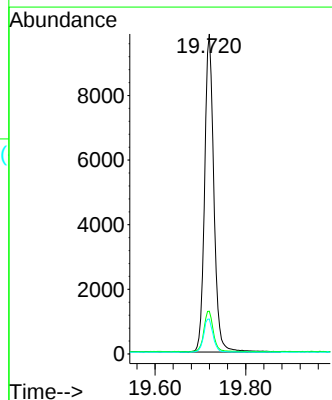
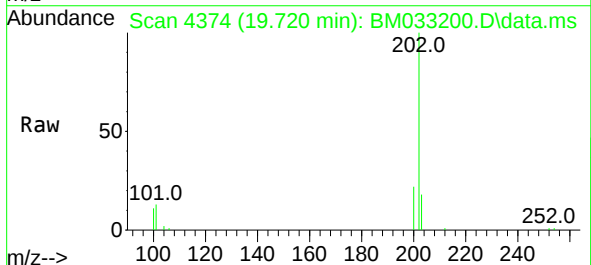
Instrument :
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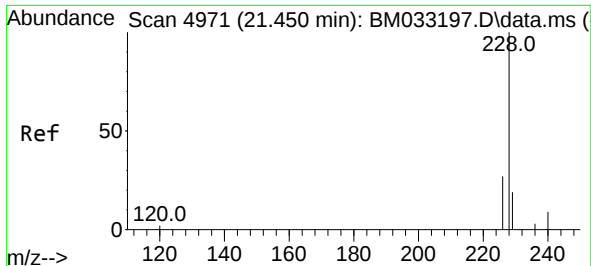
Tgt Ion:202 Resp: 13840
Ion Ratio Lower Upper
202 100
101 11.6 9.9 14.9
100 9.0 7.3 10.9



#20
Pyrene
Concen: 0.383 ng/ul
RT: 19.720 min Scan# 4374
Delta R.T. -0.004 min
Lab File: BM033200.D
Acq: 20 Nov 2021 06:13

Tgt Ion:202 Resp: 13920
Ion Ratio Lower Upper
202 100
101 13.3 11.8 17.6
100 10.9 9.5 14.3

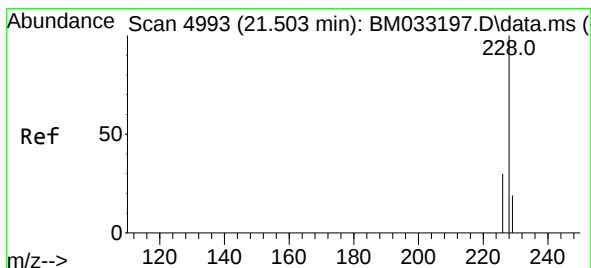
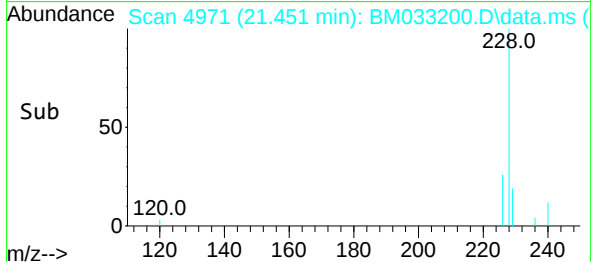
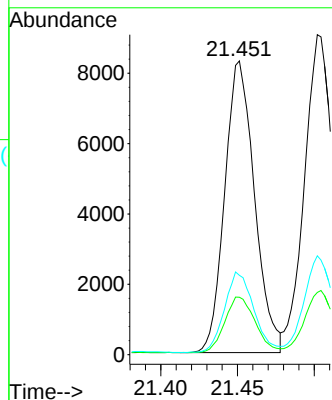
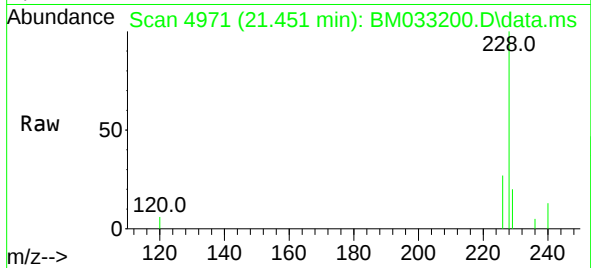




#21
Benzo(a)anthracene
Concen: 0.413 ng/ul
RT: 21.451 min Scan# 4971
Delta R.T. -0.005 min
Lab File: BM033200.D
Acq: 20 Nov 2021 06:13

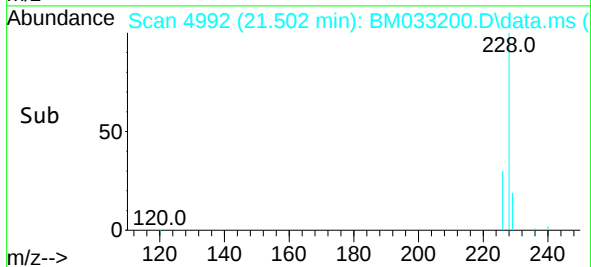
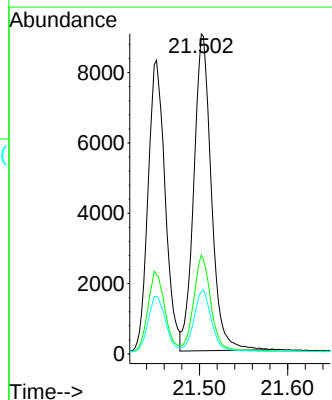
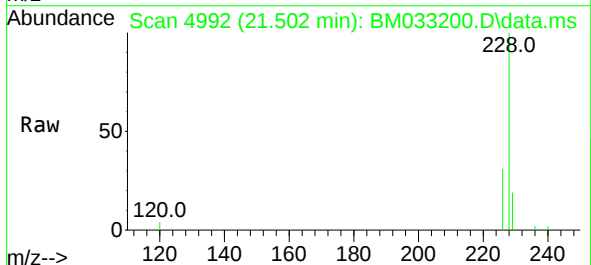
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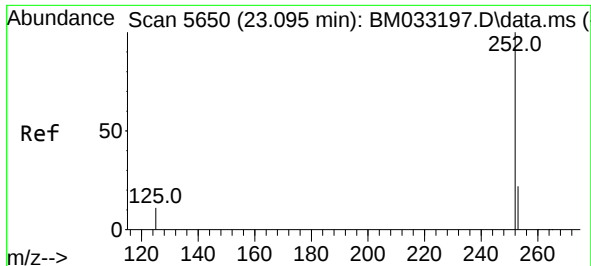
Tgt Ion:228	Resp:	11204
Ion Ratio	Lower	Upper
228	100	
229	19.5	15.7 23.5
226	27.0	22.4 33.6



#22
Chrysene
Concen: 0.417 ng/ul
RT: 21.502 min Scan# 4992
Delta R.T. -0.005 min
Lab File: BM033200.D
Acq: 20 Nov 2021 06:13

Tgt Ion:228	Resp:	12455
Ion Ratio	Lower	Upper
228	100	
226	30.9	24.9 37.3
229	19.5	16.1 24.1

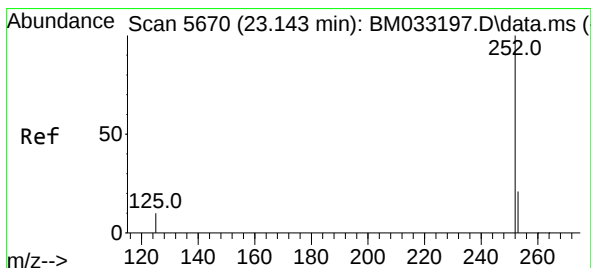
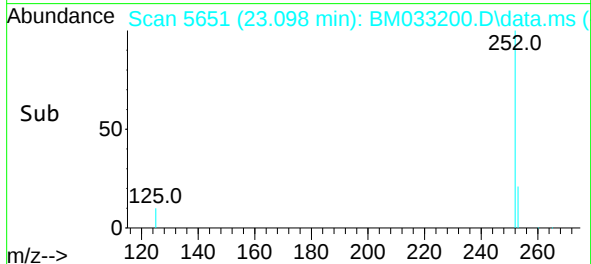
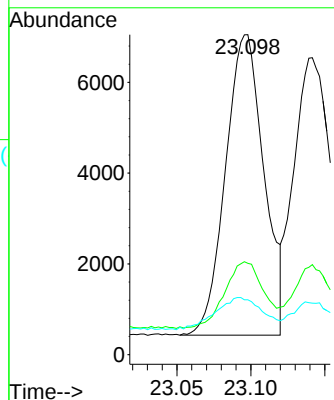
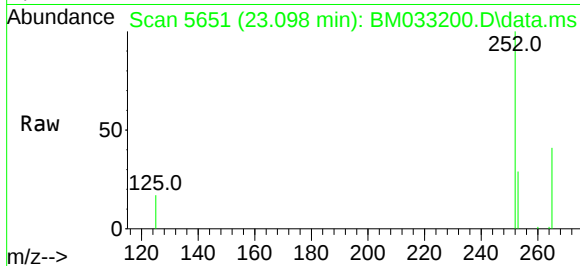




#24
Benzo(b)fluoranthene
Concen: 0.435 ng/ul
RT: 23.098 min Scan# 5650
Delta R.T. -0.002 min
Lab File: BM033200.D
Acq: 20 Nov 2021 06:13

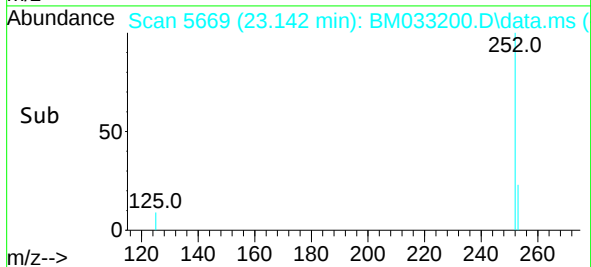
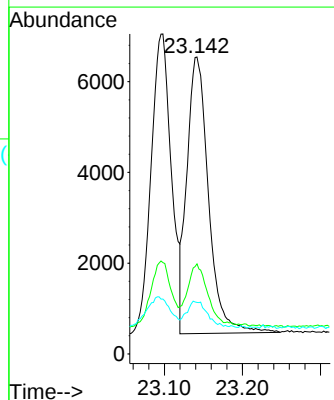
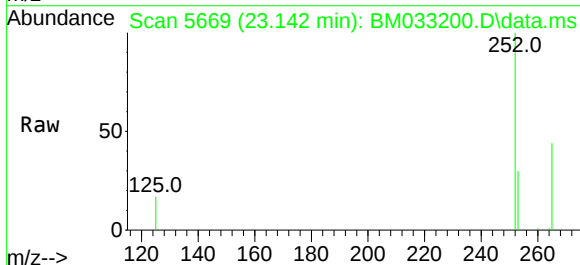
Instrument :
BNA_M
ClientSampleId :
SLCS884

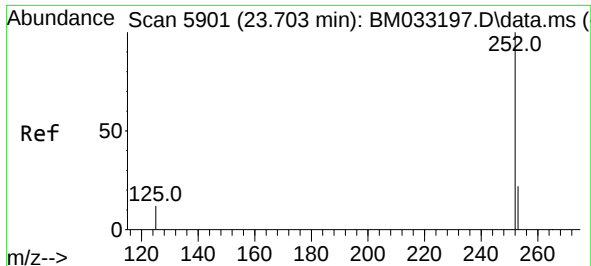
Tgt Ion:252 Resp: 11977
Ion Ratio Lower Upper
252 100
253 28.5 0.0 59.2
125 17.1 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.431 ng/ul
RT: 23.142 min Scan# 5669
Delta R.T. -0.007 min
Lab File: BM033200.D
Acq: 20 Nov 2021 06:13

Tgt Ion:252 Resp: 11708
Ion Ratio Lower Upper
252 100
253 30.3 23.1 34.7
125 17.3 14.6 21.8

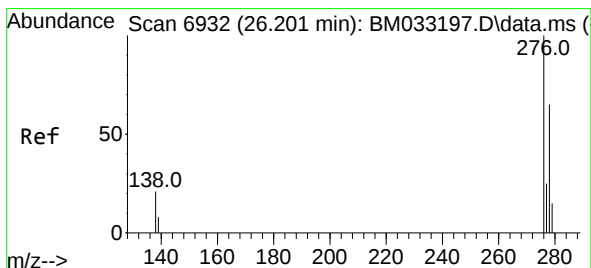
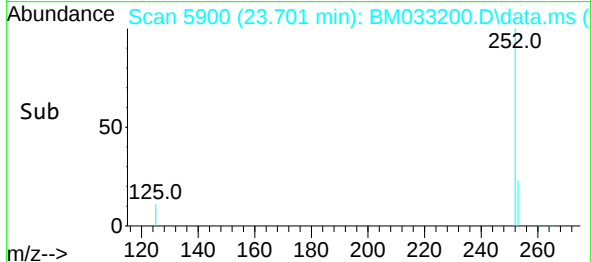
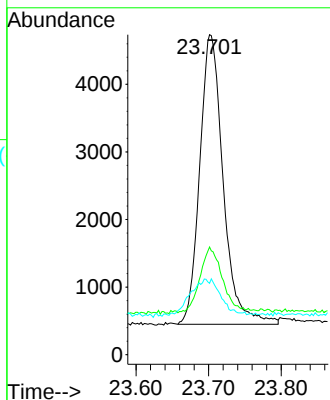
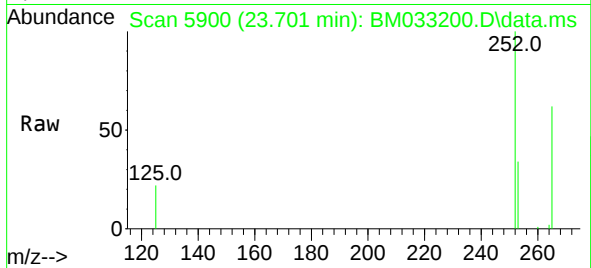




#26
Benzo(a)pyrene
Concen: 0.421 ng/ul
RT: 23.701 min Scan# 5901
Delta R.T. -0.010 min
Lab File: BM033200.D
Acq: 20 Nov 2021 06:13

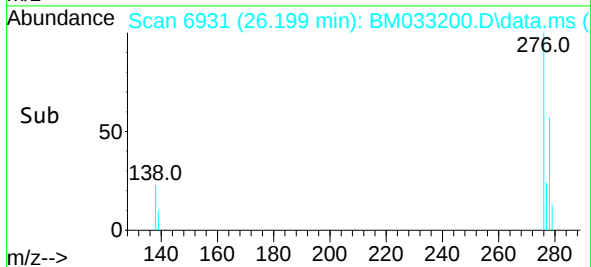
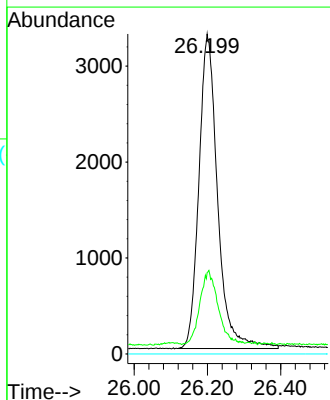
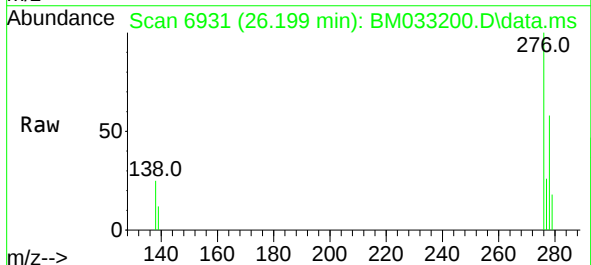
Instrument :
BNA_M
ClientSampleId :
SLCS884

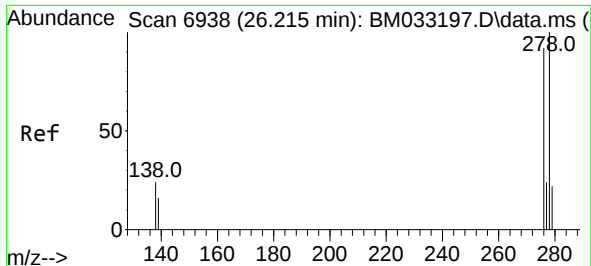
Tgt Ion:	252	Resp:	9606
Ion Ratio	Lower	Upper	
252	100		
253	33.6	27.1	40.7
125	22.3	17.4	26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.404 ng/ul
RT: 26.199 min Scan# 6931
Delta R.T. -0.007 min
Lab File: BM033200.D
Acq: 20 Nov 2021 06:13

Tgt Ion:	276	Resp:	11612
Ion Ratio	Lower	Upper	
276	100		
138	23.0	22.9	34.3
227	0.0	0.0	0.0

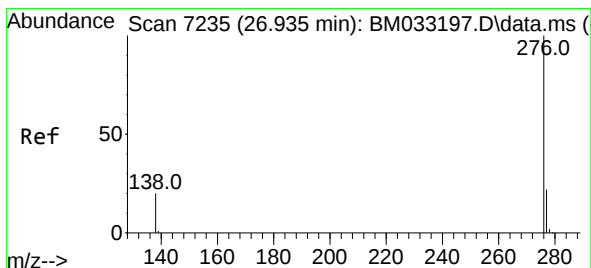
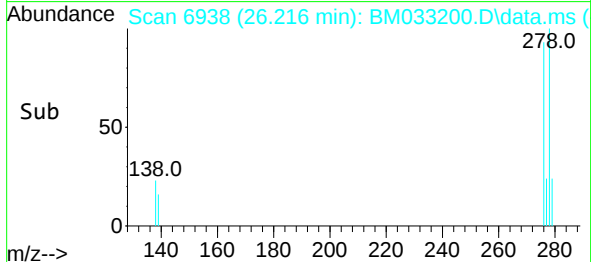
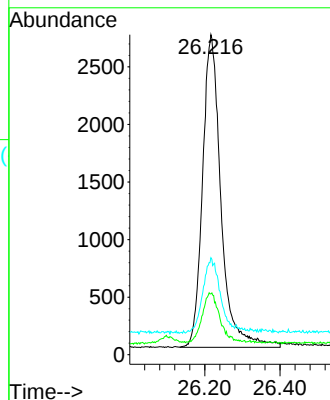
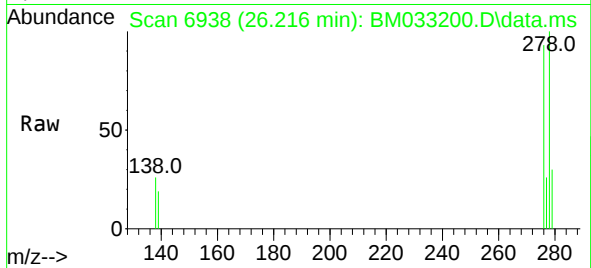




#28
Dibenzo(a,h)anthracene
Concen: 0.402 ng/ul
RT: 26.216 min Scan# 6938
Delta R.T. -0.010 min
Lab File: BM033200.D
Acq: 20 Nov 2021 06:13

Instrument :
BNA_M
ClientSampleId :
SLCS884

Tgt Ion:278 Resp: 9236
Ion Ratio Lower Upper
278 100
139 19.0 18.2 27.2
279 30.3 24.6 36.8



#29
Benzo(g,h,i)perylene
Concen: 0.401 ng/ul
RT: 26.931 min Scan# 7233
Delta R.T. -0.007 min
Lab File: BM033200.D
Acq: 20 Nov 2021 06:13

Tgt Ion:276 Resp: 10370
Ion Ratio Lower Upper
276 100
138 23.0 22.2 33.2
277 25.4 21.0 31.4

