

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031443.D
 Acq On : 04 Aug 2021 12:24
 Operator : CG/JU
 Sample : PB138001BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS001

Quant Time: Aug 04 13:24:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 04 12:17:22 2021
 Response via : Initial Calibration

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

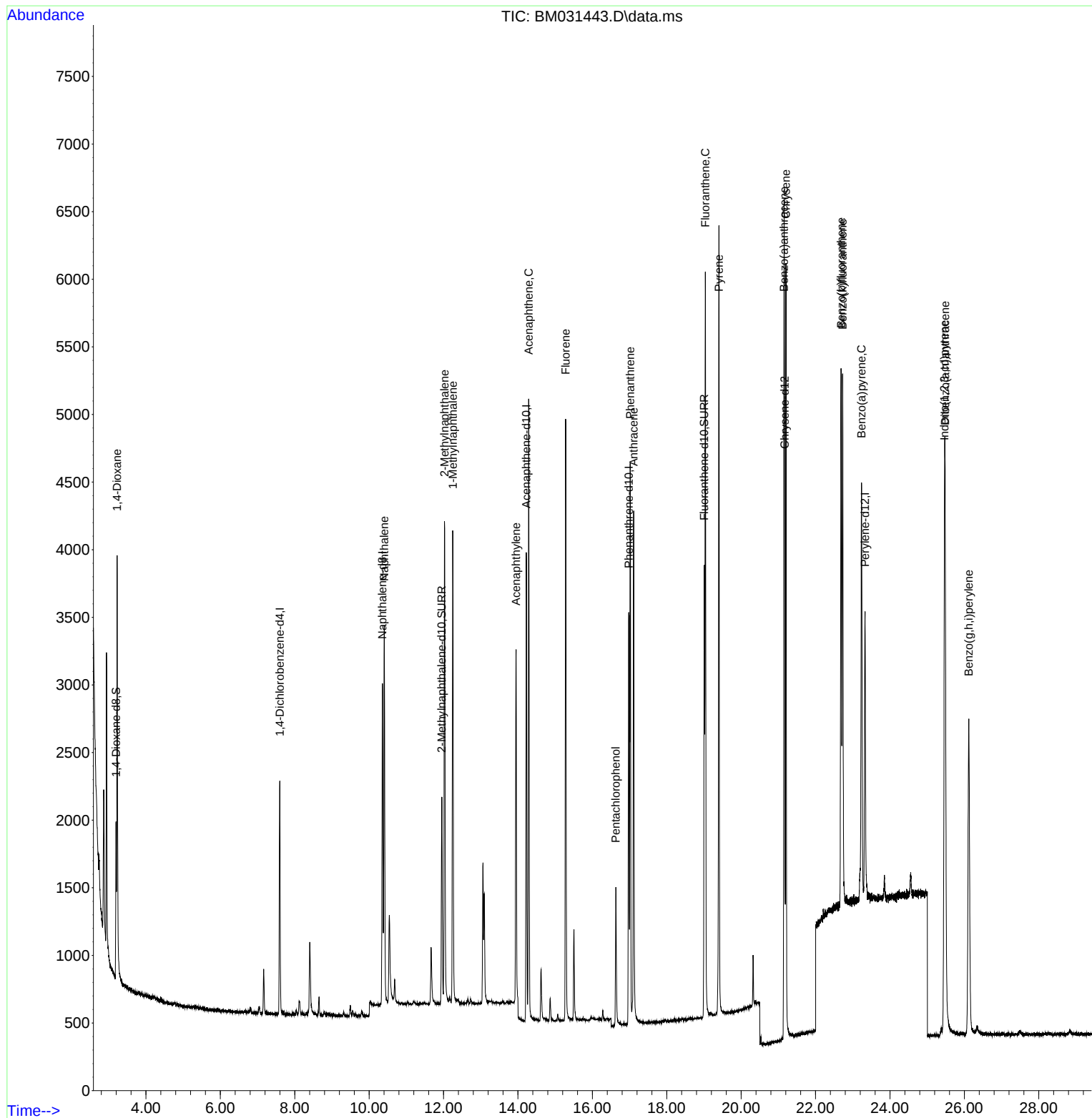
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.597	152	880	0.400	ng/ul	0.00
4) Naphthalene-d8	10.356	136	3299	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.224	164	1980	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	3827	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.169	240	2859	0.400	ng/ul	0.00
23) Perylene-d12	23.329	264	2747	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	750	0.767	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	2185	0.393	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	4085	0.428	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.224	88	1918	1.943	ng/ul#	77
5) Naphthalene	10.406	128	3909	0.398	ng/ul	99
7) 2-Methylnaphthalene	12.025	142	2616	0.390	ng/ul	99
8) 1-Methylnaphthalene	12.250	142	2439	0.368	ng/ul	99
10) Acenaphthylene	13.950	152	3275	0.388	ng/ul	99
11) Acenaphthene	14.288	153	2666	0.376	ng/ul	98
12) Fluorene	15.281	166	2963	0.363	ng/ul	99
14) Pentachlorophenol	16.631	266	767	0.626	ng/ul	97
15) Phenanthrene	17.016	178	4591	0.378	ng/ul	99
16) Anthracene	17.110	178	4226	0.371	ng/ul	99
19) Fluoranthene	19.035	202	5111	0.419	ng/ul	98
20) Pyrene	19.401	202	5176	0.418	ng/ul	99
21) Benzo(a)anthracene	21.152	228	4714	0.408	ng/ul	97
22) Chrysene	21.202	228	5003	0.419	ng/ul	99
24) Benzo(b)fluoranthene	22.687	252	4961	0.401	ng/ul	97
25) Benzo(k)fluoranthene	22.728	252	5123	0.401	ng/ul	98
26) Benzo(a)pyrene	23.234	252	4445	0.410	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.466	276	5668	0.405	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.483	278	4562	0.404	ng/ul	98
29) Benzo(g,h,i)perylene	26.117	276	4917	0.411	ng/ul	97

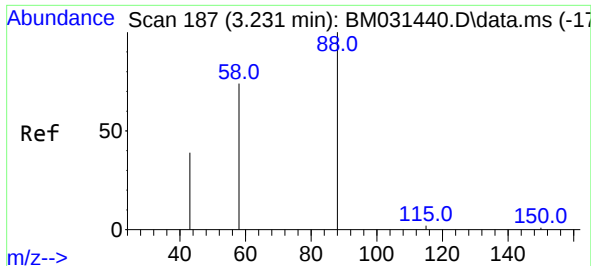
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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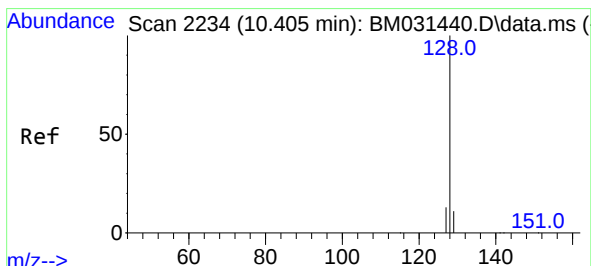
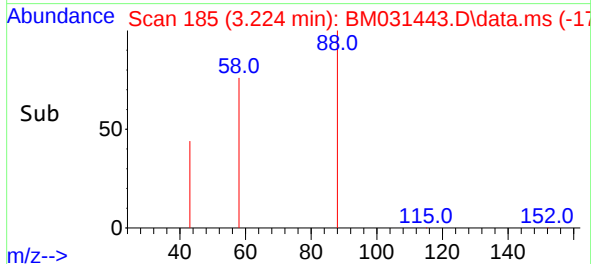
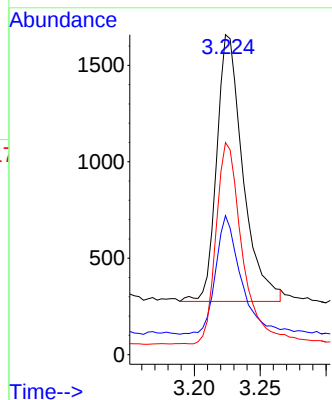
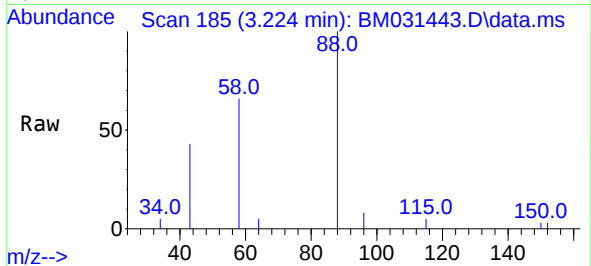




#2
1,4-Dioxane
Concen: 1.943 ng/ul
RT: 3.224 min Scan# 185
Delta R.T. -0.007 min
Lab File: BM031443.D
Acq: 04 Aug 2021 12:24

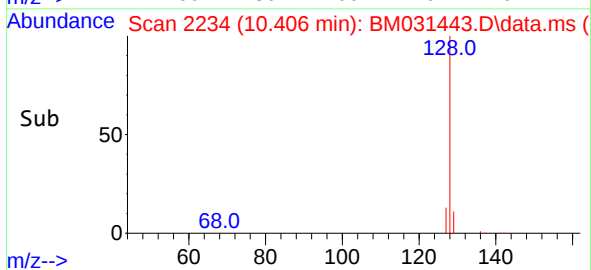
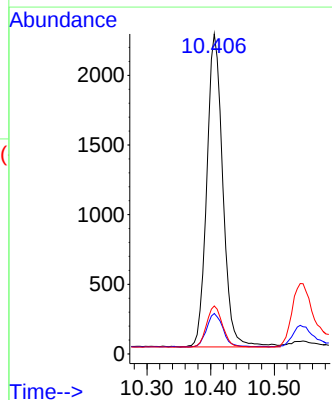
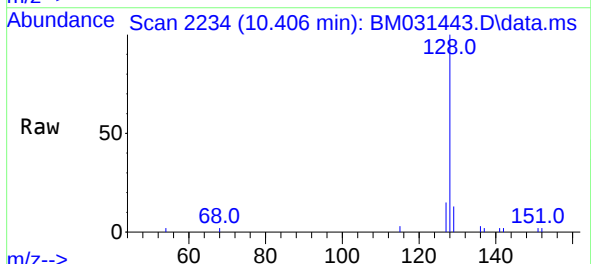
Instrument :
BNA_M
ClientSampleId :
SLCS001

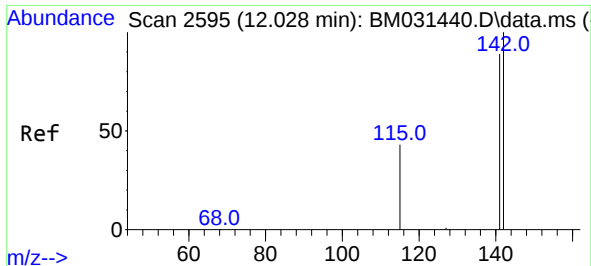
Tgt Ion: 88 Resp: 1918
Ion Ratio Lower Upper
88 100
43 43.5 29.7 44.5
58 66.3 35.6 53.4#



#5
Naphthalene
Concen: 0.398 ng/ul
RT: 10.406 min Scan# 2234
Delta R.T. 0.001 min
Lab File: BM031443.D
Acq: 04 Aug 2021 12:24

Tgt Ion: 128 Resp: 3909
Ion Ratio Lower Upper
128 100
129 12.6 10.0 15.0
127 15.0 11.6 17.4

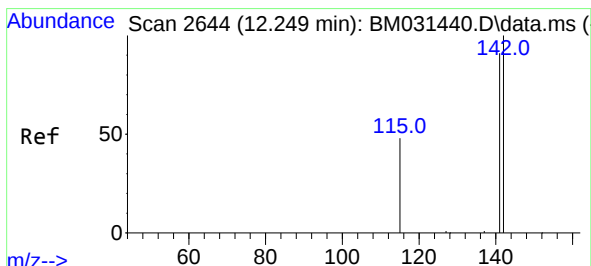
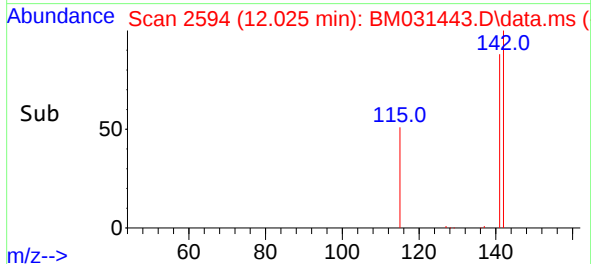
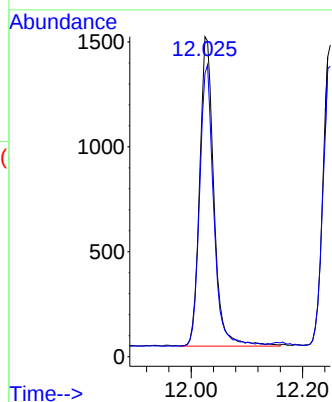
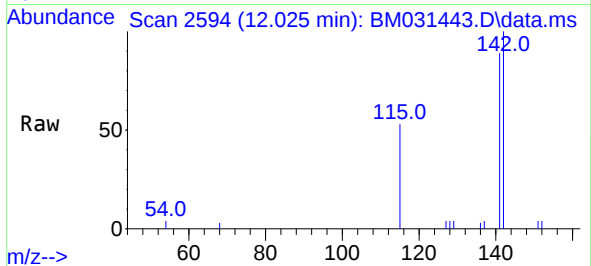




#7
2-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.025 min Scan# 2594
Delta R.T. -0.003 min
Lab File: BM031443.D
Acq: 04 Aug 2021 12:24

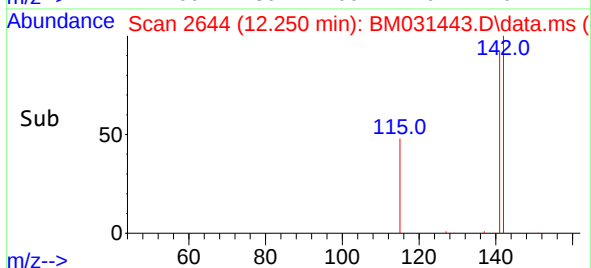
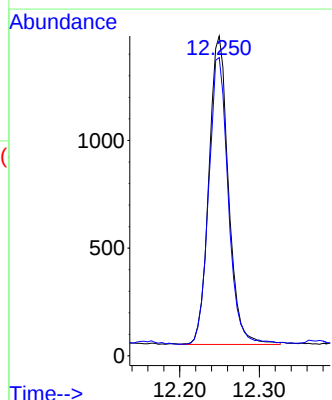
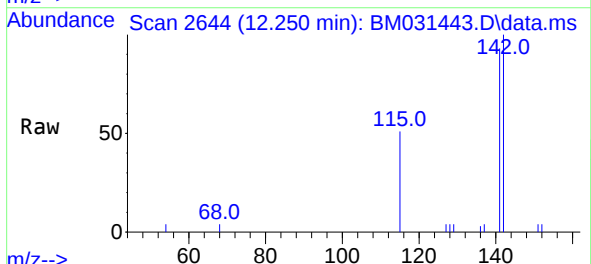
Instrument :
BNA_M
ClientSampled :
SLCS001

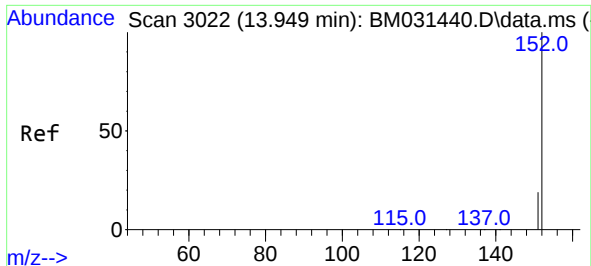
Tgt Ion:142 Resp: 2616
Ion Ratio Lower Upper
142 100
141 89.9 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. 0.001 min
Lab File: BM031443.D
Acq: 04 Aug 2021 12:24

Tgt Ion:142 Resp: 2439
Ion Ratio Lower Upper
142 100
141 93.4 74.1 111.1

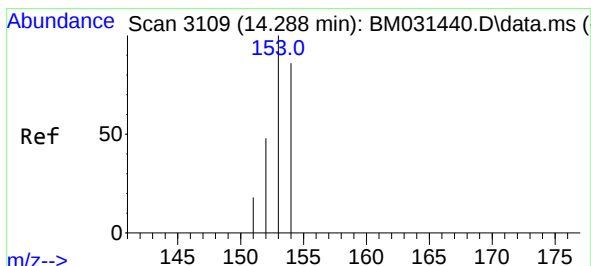
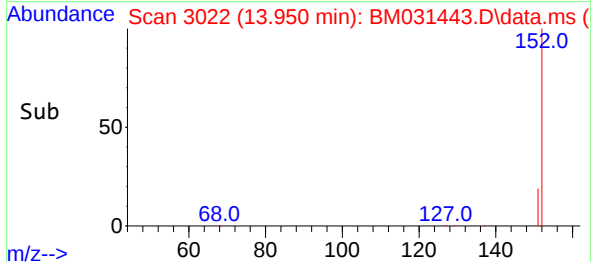
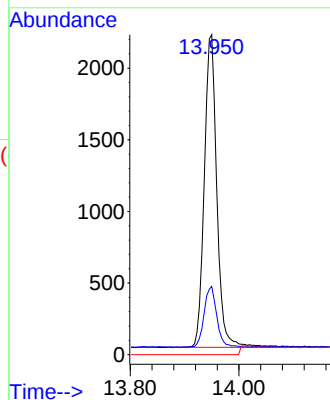
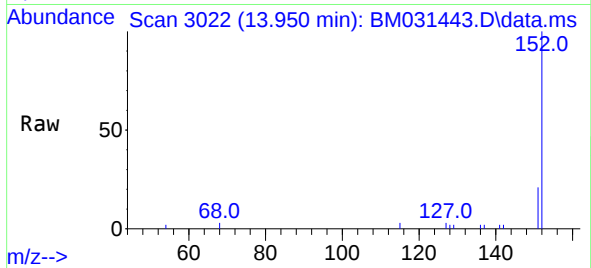




#10
Acenaphthylene
Concen: 0.388 ng/ul
RT: 13.950 min Scan# 3022
Delta R.T. 0.001 min
Lab File: BM031443.D
Acq: 04 Aug 2021 12:24

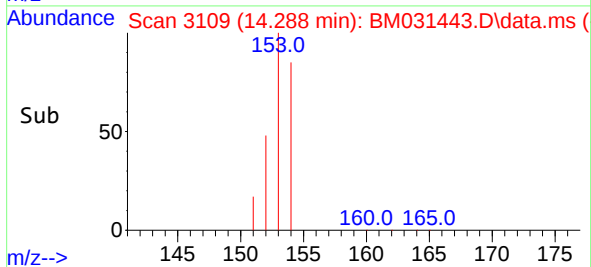
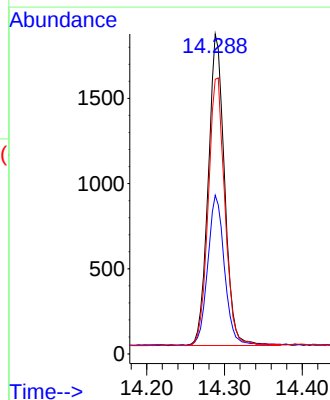
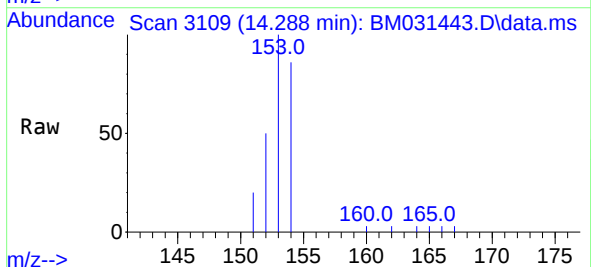
Instrument :
BNA_M
ClientSampleId :
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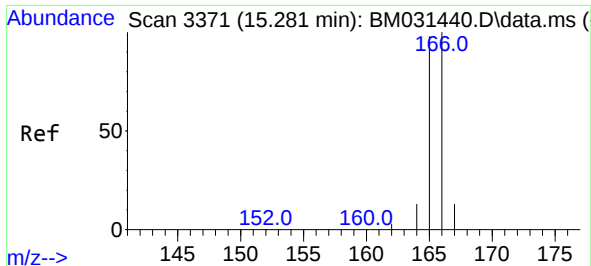
Tgt Ion:152 Resp: 3275
Ion Ratio Lower Upper
152 100
151 21.4 16.9 25.3
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.376 ng/ul
RT: 14.288 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BM031443.D
Acq: 04 Aug 2021 12:24

Tgt Ion:153 Resp: 2666
Ion Ratio Lower Upper
153 100
152 49.6 40.7 61.1
154 85.8 70.2 105.2

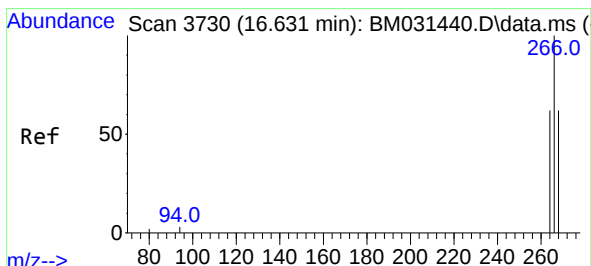
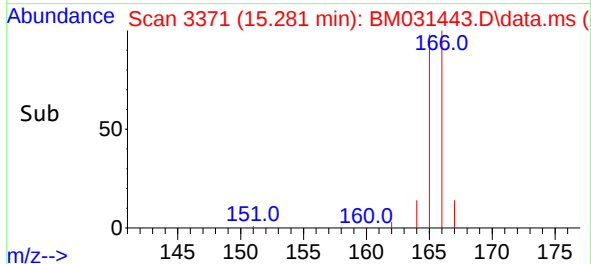
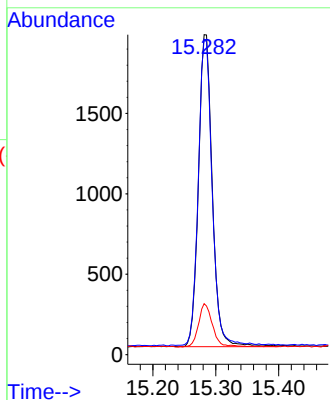
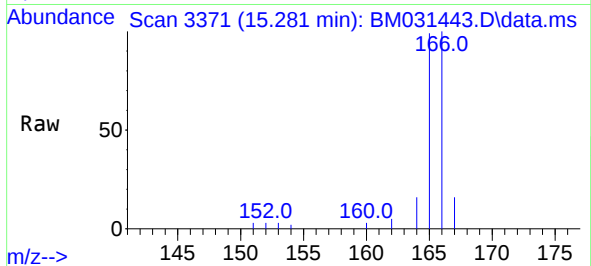




#12
Fluorene
Concen: 0.363 ng/ul
RT: 15.281 min Scan# 3371
Delta R.T. 0.000 min
Lab File: BM031443.D
Acq: 04 Aug 2021 12:24

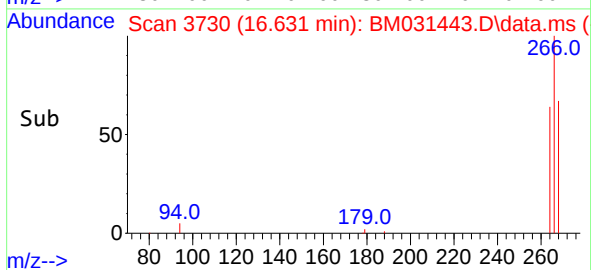
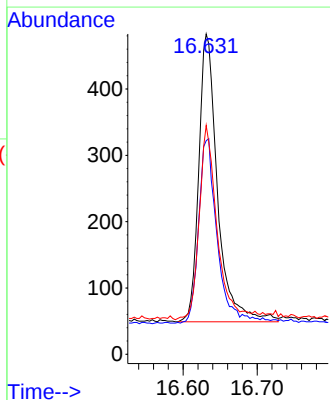
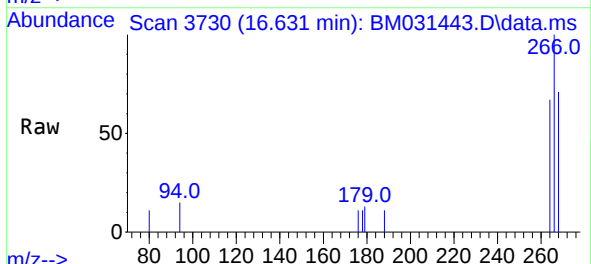
Instrument :
BNA_M
ClientSampleId :
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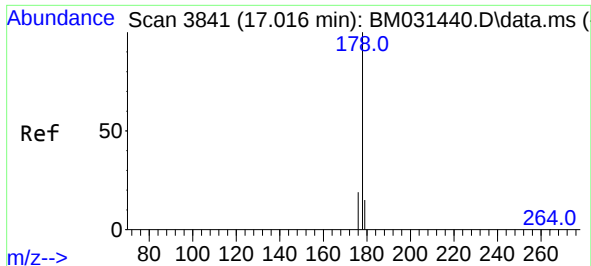
Tgt Ion:166	Resp:	2963
Ion Ratio	Lower	Upper
166	100	
165	98.5	78.0 117.0
167	15.9	12.0 18.0



#14
Pentachlorophenol
Concen: 0.626 ng/ul
RT: 16.631 min Scan# 3730
Delta R.T. 0.000 min
Lab File: BM031443.D
Acq: 04 Aug 2021 12:24

Tgt Ion:266	Resp:	767
Ion Ratio	Lower	Upper
266	100	
264	64.1	50.1 75.1
268	67.3	51.3 76.9

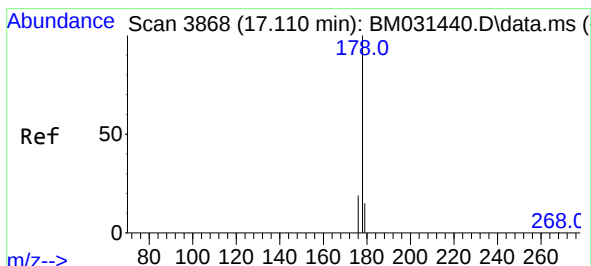
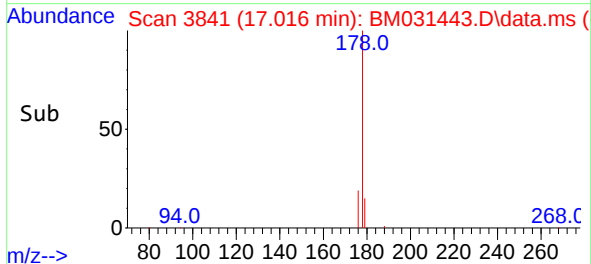
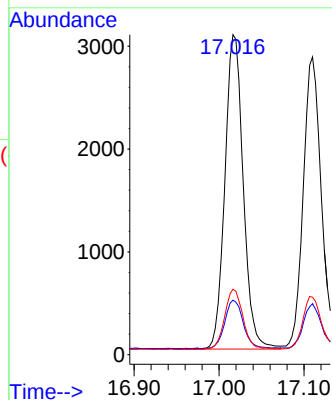
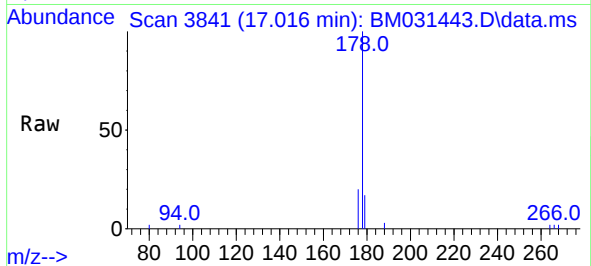




#15
Phenanthrene
Concen: 0.378 ng/ul
RT: 17.016 min Scan# 3841
Delta R.T. 0.000 min
Lab File: BM031443.D
Acq: 04 Aug 2021 12:24

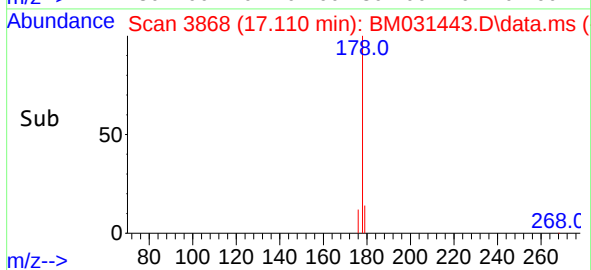
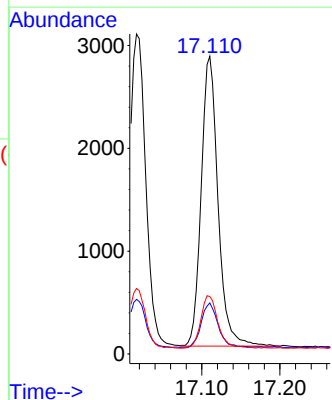
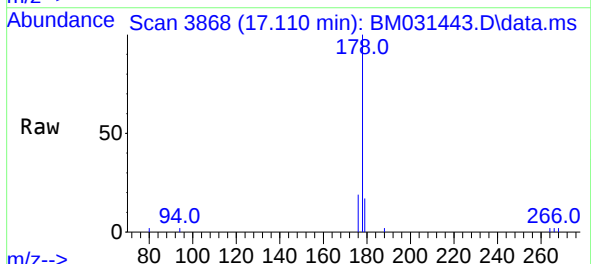
Instrument :
BNA_M
ClientSampled :
SLCS001

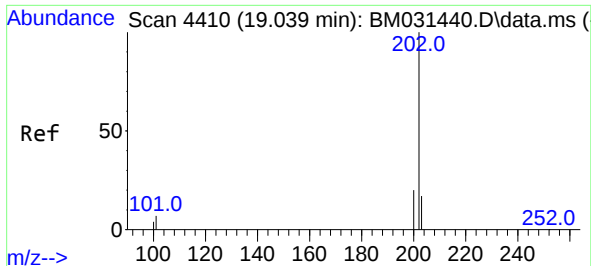
Tgt Ion:	178	Resp:	4591
Ion Ratio	Lower	Upper	
178	100		
179	17.1	13.3	19.9
176	20.5	16.2	24.4



#16
Anthracene
Concen: 0.371 ng/ul
RT: 17.110 min Scan# 3868
Delta R.T. 0.000 min
Lab File: BM031443.D
Acq: 04 Aug 2021 12:24

Tgt Ion:	178	Resp:	4226
Ion Ratio	Lower	Upper	
178	100		
179	17.2	13.0	19.6
176	19.3	15.6	23.4

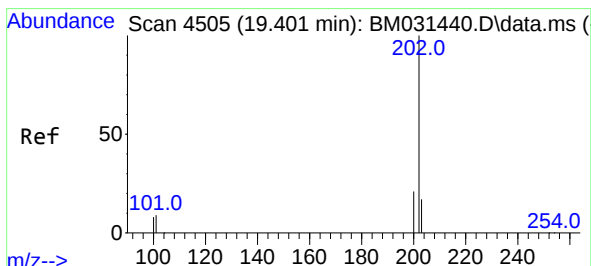
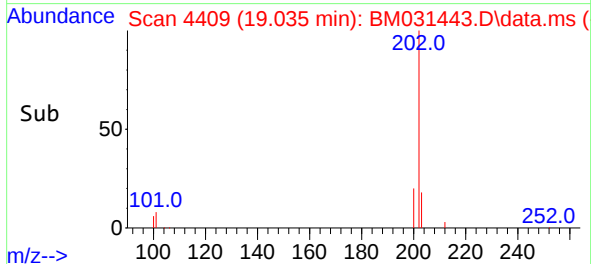
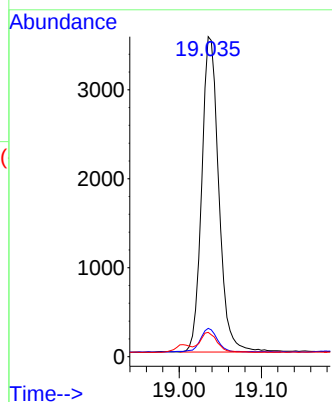
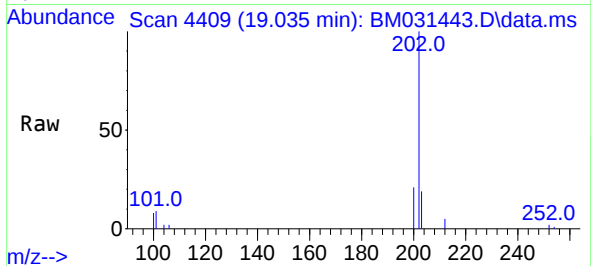




#19
Fluoranthene
Concen: 0.419 ng/ul
RT: 19.035 min Scan# 4409
Delta R.T. -0.003 min
Lab File: BM031443.D
Acq: 04 Aug 2021 12:24

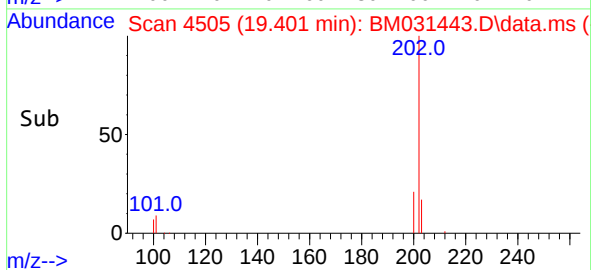
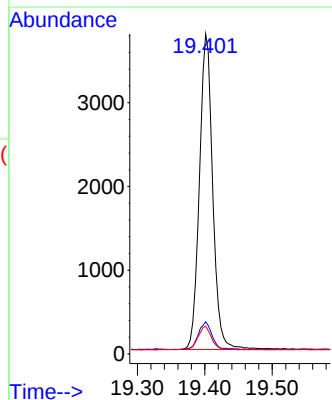
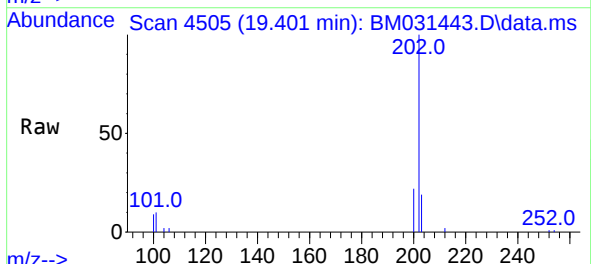
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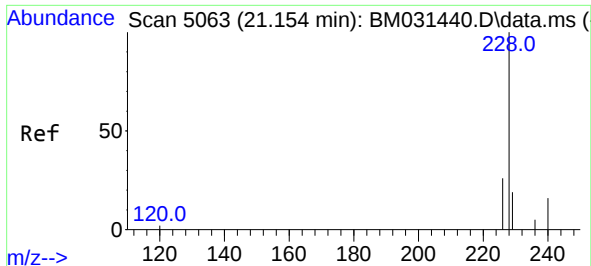
Tgt Ion:202	Resp:	5111
Ion Ratio	Lower	Upper
202	100	
101	8.9	6.6 10.0
100	7.6	5.4 8.0



#20
Pyrene
Concen: 0.418 ng/ul
RT: 19.401 min Scan# 4505
Delta R.T. 0.000 min
Lab File: BM031443.D
Acq: 04 Aug 2021 12:24

Tgt Ion:202	Resp:	5176
Ion Ratio	Lower	Upper
202	100	
101	10.0	7.8 11.6
100	8.7	6.6 10.0

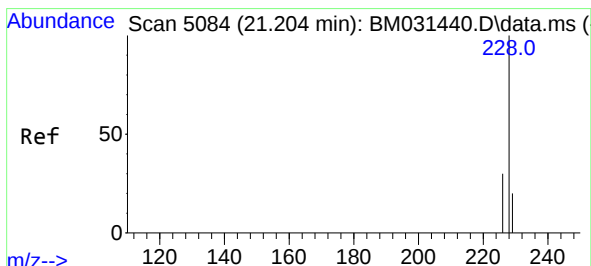
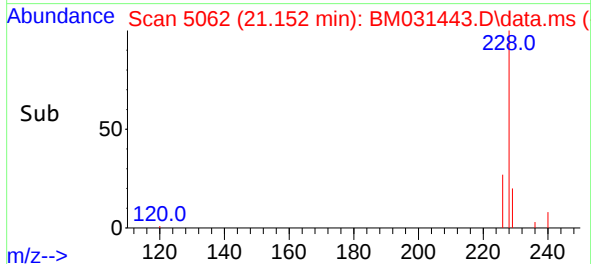
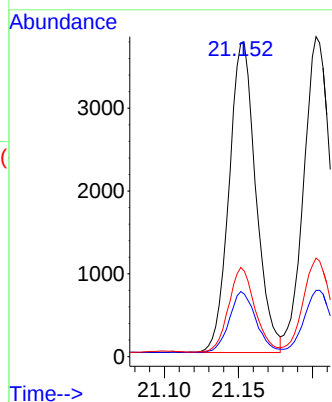
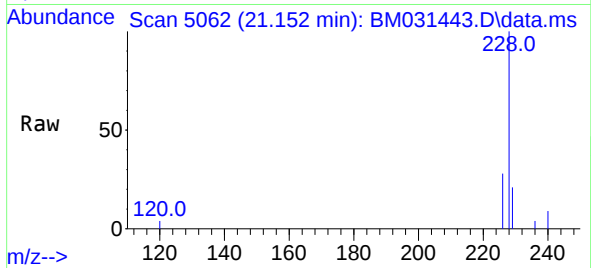




#21
Benzo(a)anthracene
Concen: 0.408 ng/ul
RT: 21.152 min Scan# 5062
Delta R.T. -0.002 min
Lab File: BM031443.D
Acq: 04 Aug 2021 12:24

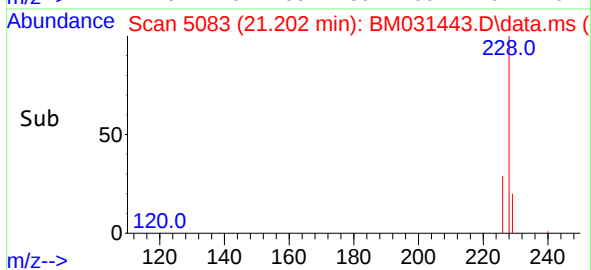
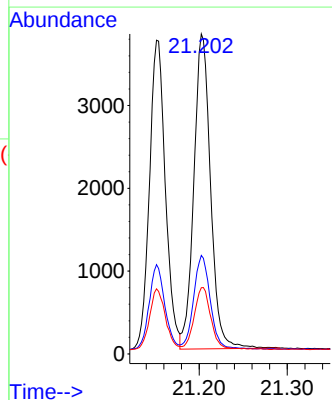
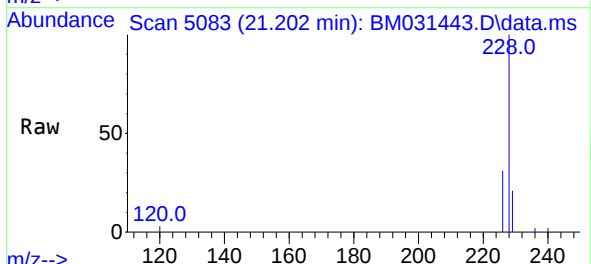
Instrument :
BNA_M
ClientSampleId :
SLCS001

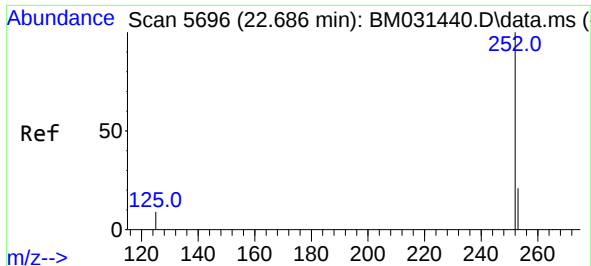
Tgt Ion:228	Resp:	4714
Ion Ratio	Lower	Upper
228	100	
229	20.7	15.6 23.4
226	28.5	21.7 32.5



#22
Chrysene
Concen: 0.419 ng/ul
RT: 21.202 min Scan# 5083
Delta R.T. -0.002 min
Lab File: BM031443.D
Acq: 04 Aug 2021 12:24

Tgt Ion:228	Resp:	5003
Ion Ratio	Lower	Upper
228	100	
226	30.8	24.7 37.1
229	20.7	16.2 24.2

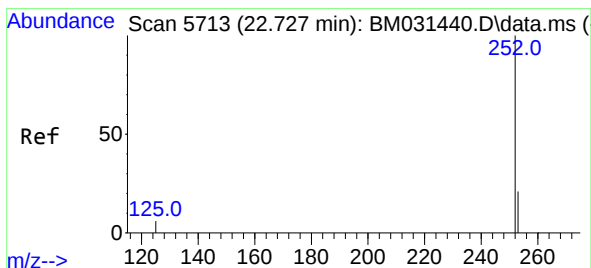
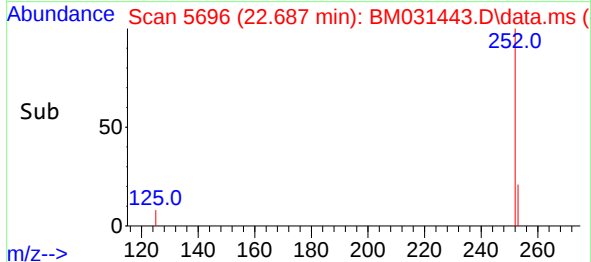
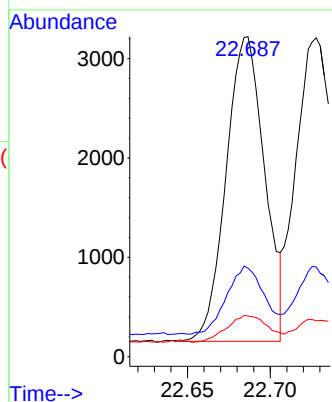
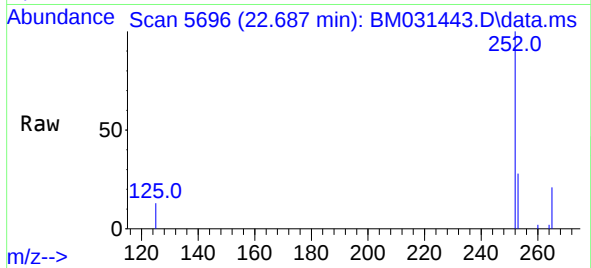




#24
Benzo(b)fluoranthene
Concen: 0.401 ng/ul
RT: 22.687 min Scan# 5696
Delta R.T. 0.000 min
Lab File: BM031443.D
Acq: 04 Aug 2021 12:24

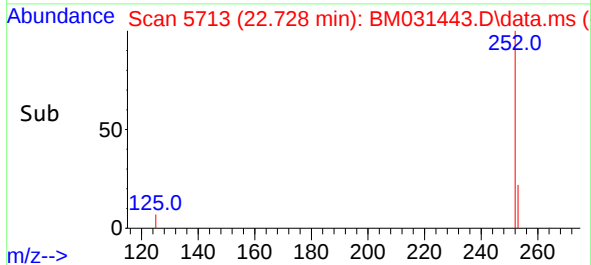
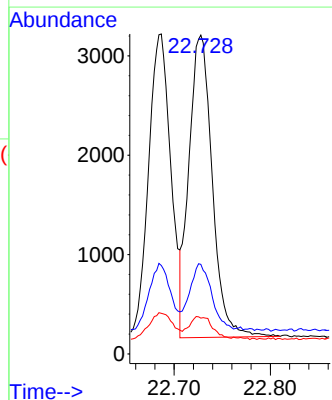
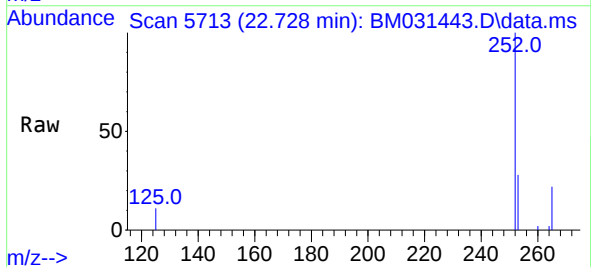
Instrument :
BNA_M
ClientSampleId :
SLCS001

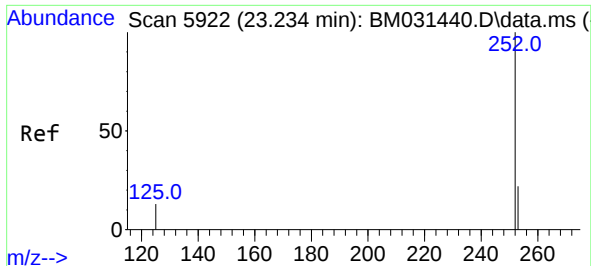
Tgt Ion:252	Resp:	4961
Ion Ratio	Lower	Upper
252	100	
253	27.6	0.0 53.0
125	12.7	0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.401 ng/ul
RT: 22.728 min Scan# 5713
Delta R.T. 0.000 min
Lab File: BM031443.D
Acq: 04 Aug 2021 12:24

Tgt Ion:252	Resp:	5123
Ion Ratio	Lower	Upper
252	100	
253	28.1	21.3 31.9
125	11.2	8.8 13.2

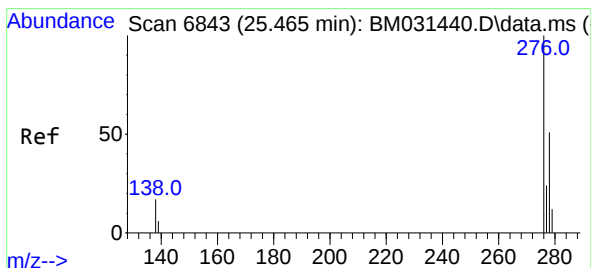
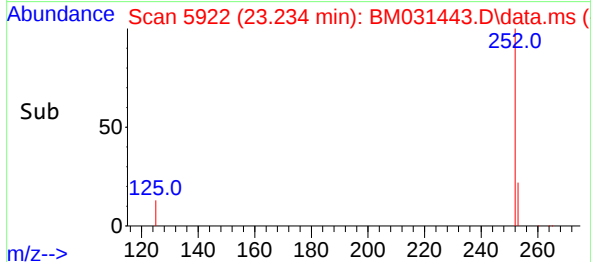
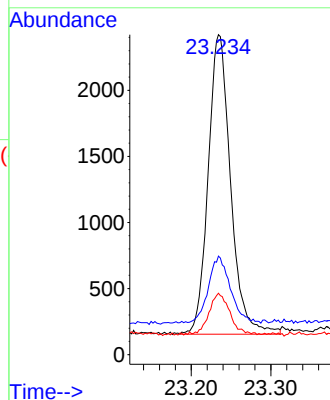
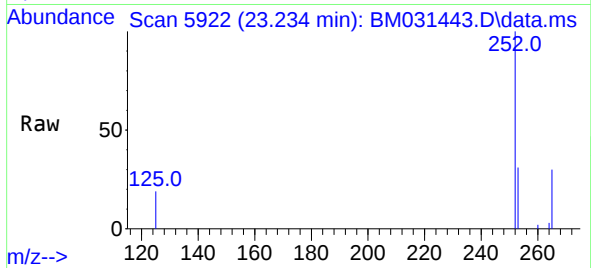




#26
Benzo(a)pyrene
Concen: 0.410 ng/ul
RT: 23.234 min Scan# 5922
Delta R.T. 0.000 min
Lab File: BM031443.D
Acq: 04 Aug 2021 12:24

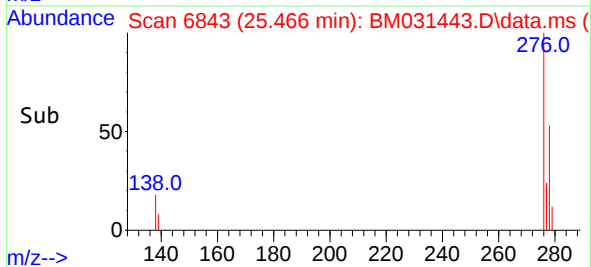
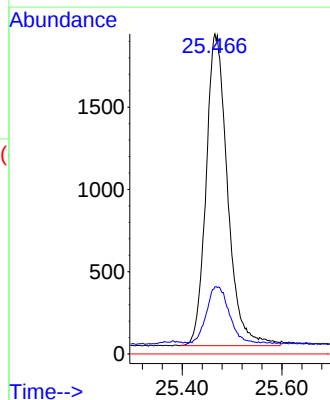
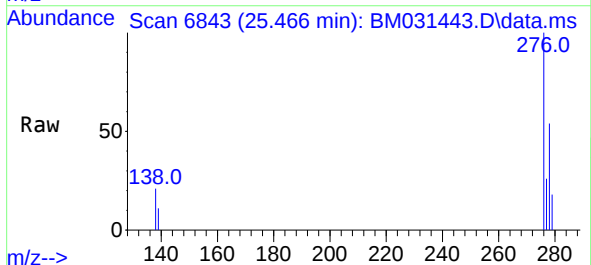
Instrument :
BNA_M
ClientSampleId :
SLCS001

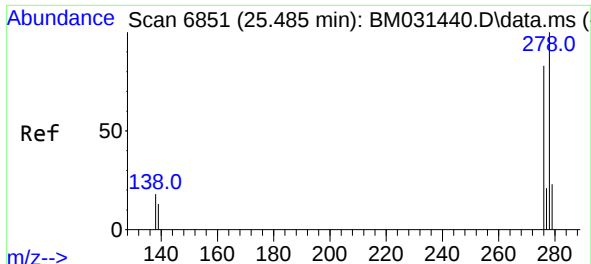
Tgt Ion:	252	Resp:	4445
Ion Ratio	Lower	Upper	
252	100		
253	30.8	22.4	33.6
125	19.2	13.0	19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.405 ng/ul
RT: 25.466 min Scan# 6843
Delta R.T. 0.000 min
Lab File: BM031443.D
Acq: 04 Aug 2021 12:24

Tgt Ion:	276	Resp:	5668
Ion Ratio	Lower	Upper	
276	100		
138	18.7	15.8	23.8
227	0.0	0.0	0.0

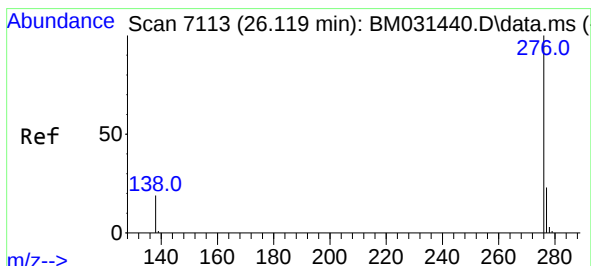
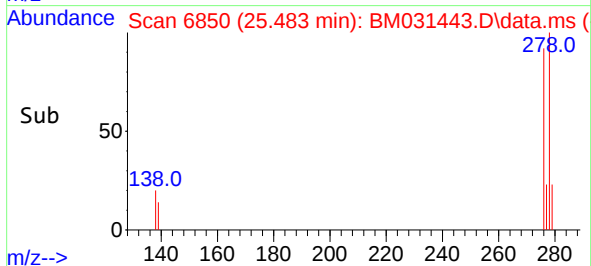
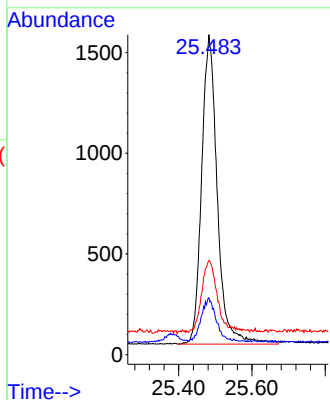
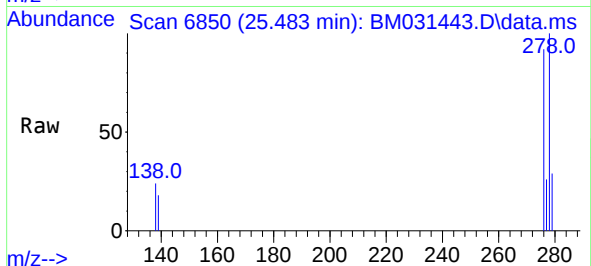




#28
Dibenzo(a,h)anthracene
Concen: 0.404 ng/ul
RT: 25.483 min Scan# 6850
Delta R.T. -0.002 min
Lab File: BM031443.D
Acq: 04 Aug 2021 12:24

Instrument :
BNA_M
ClientSampleId :
SLCS001

Tgt Ion:278 Resp: 4562
Ion Ratio Lower Upper
278 100
139 17.8 13.3 19.9
279 29.5 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul
RT: 26.117 min Scan# 7112
Delta R.T. -0.002 min
Lab File: BM031443.D
Acq: 04 Aug 2021 12:24

Tgt Ion:276 Resp: 4917
Ion Ratio Lower Upper
276 100
138 20.4 15.4 23.2
277 26.5 19.9 29.9

