

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082622\
 Data File : BM036444.D
 Acq On : 27 Aug 2022 02:59
 Operator : CG/JU
 Sample : PB147281BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS281

Quant Time: Aug 27 03:28:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM082622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 14:26:34 2022
 Response via : Initial Calibration

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

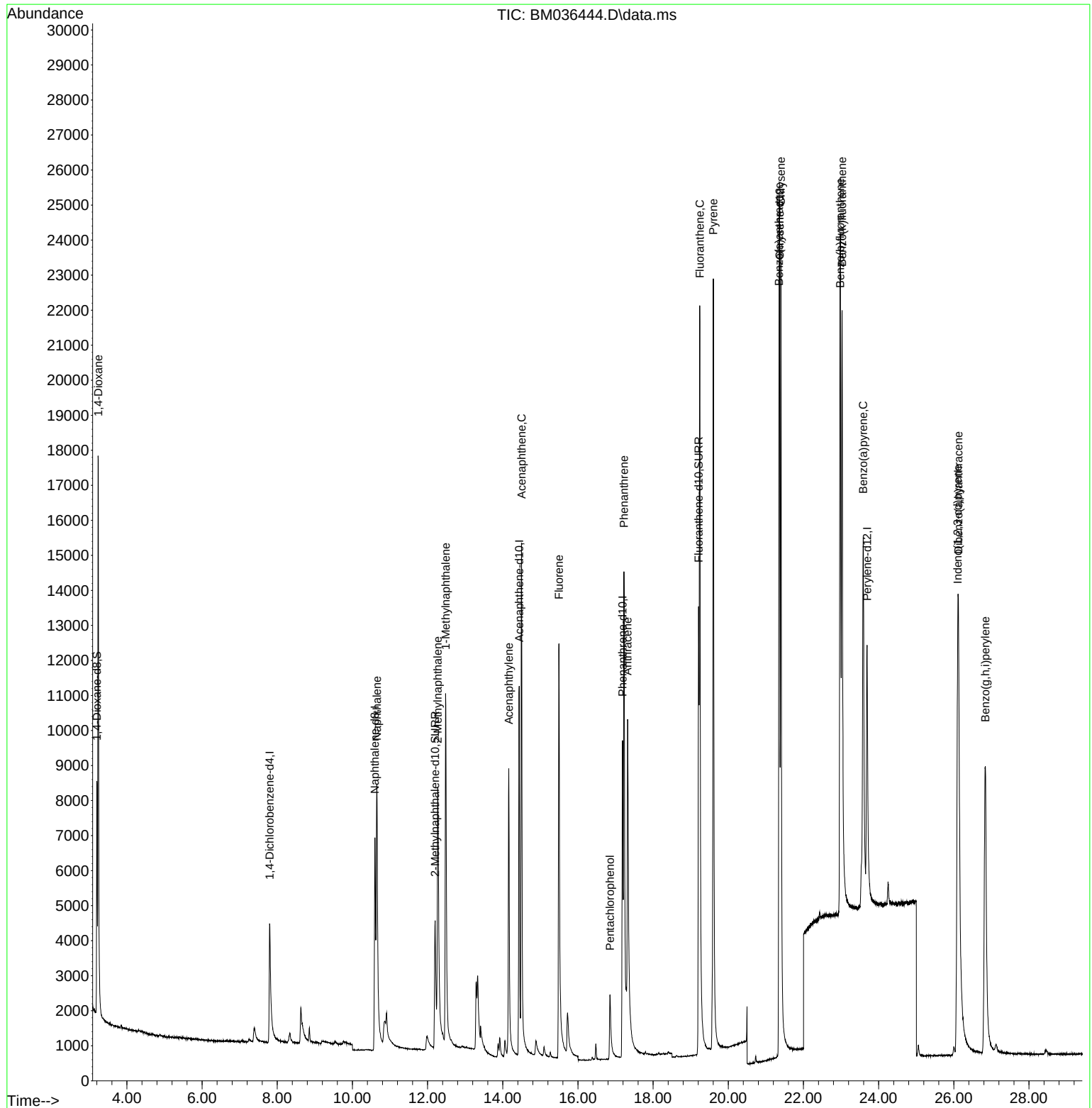
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	3195	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	13169	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.437	164	7039	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.187	188	14804	0.400	ng/ul	0.00
17) Chrysene-d12	21.365	240	15120	0.400	ng/ul	0.00
23) Perylene-d12	23.691	264	12371	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	4303	1.000	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	8591	0.408	ng/ul	0.01
18) Fluoranthene-d10	19.211	212	18342	0.982	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	10594	2.607	ng/ul#	78
5) Naphthalene	10.649	128	15174	0.409	ng/ul	98
7) 2-Methylnaphthalene	12.272	142	9228	0.414	ng/ul	95
8) 1-Methylnaphthalene	12.481	142	9456	0.419	ng/ul	99
10) Acenaphthylene	14.160	152	13019	0.447	ng/ul	100
11) Acenaphthene	14.497	153	10367	0.441	ng/ul	99
12) Fluorene	15.496	166	11769	0.427	ng/ul	100
14) Pentachlorophenol	16.854	266	2200	0.752	ng/ul	97
15) Phenanthrene	17.225	178	19246	0.364	ng/ul	99
16) Anthracene	17.323	178	16816	0.400	ng/ul	99
19) Fluoranthene	19.244	202	22632	0.428	ng/ul	98
20) Pyrene	19.601	202	23560	0.429	ng/ul	100
21) Benzo(a)anthracene	21.350	228	19326	0.309	ng/ul	99
22) Chrysene	21.400	228	24009	0.279	ng/ul	98
24) Benzo(b)fluoranthene	22.978	252	27836	0.309	ng/ul	90
25) Benzo(k)fluoranthene	23.027	252	26092	0.288	ng/ul#	89
26) Benzo(a)pyrene	23.589	252	21532	0.378	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.104	276	25229	0.586	ng/ul	97
28) Dibenzo(a,h)anthracene	26.121	278	20283	0.556	ng/ul	91
29) Benzo(g,h,i)perylene	26.838	276	22994	0.590	ng/ul	96

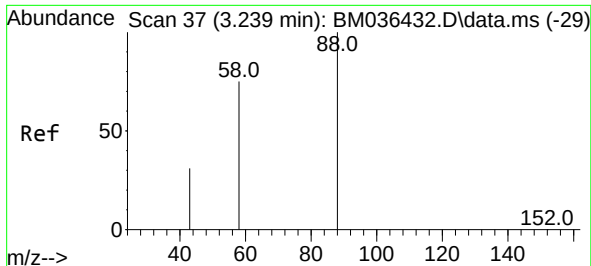
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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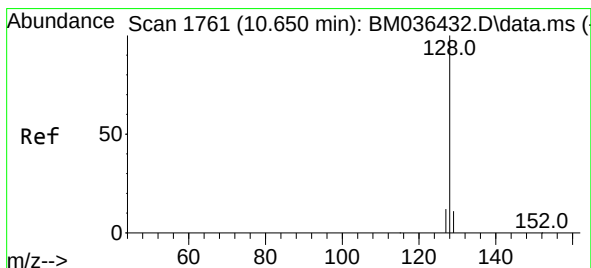
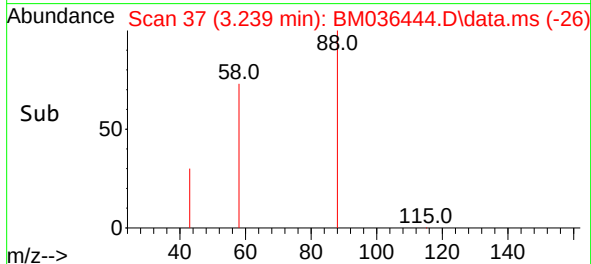
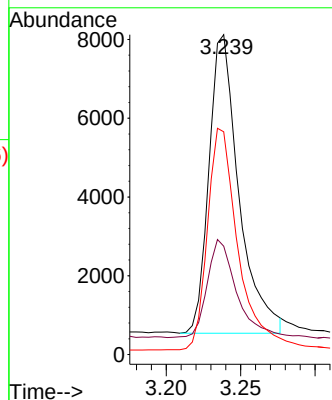
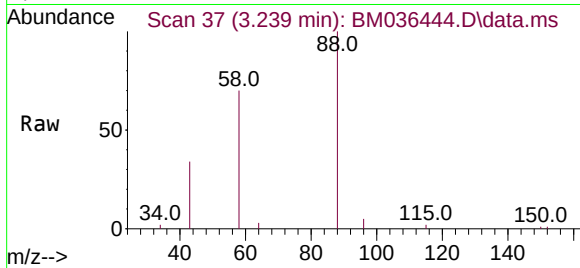




#2
1,4-Dioxane
Concen: 2.607 ng/ul
RT: 3.239 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM036444.D
Acq: 27 Aug 2022 02:59

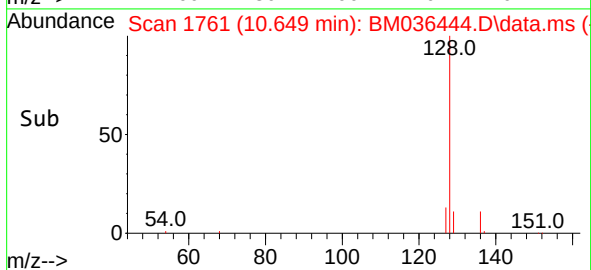
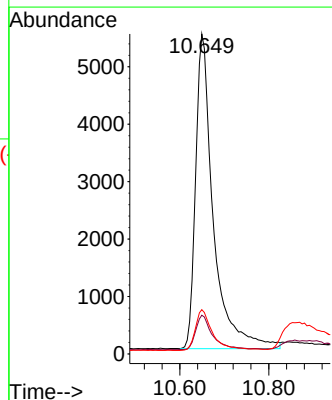
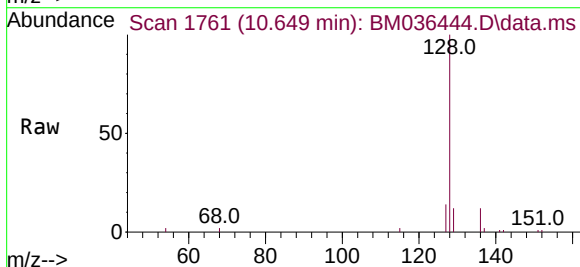
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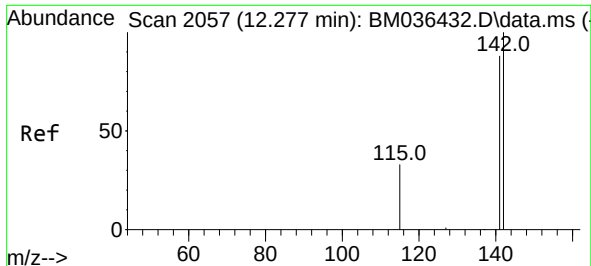
Tgt Ion: 88 Resp: 10594
Ion Ratio Lower Upper
88 100
43 33.9 37.8 56.6#
58 69.6 42.6 63.8#



#5
Naphthalene
Concen: 0.409 ng/ul
RT: 10.649 min Scan# 1761
Delta R.T. 0.005 min
Lab File: BM036444.D
Acq: 27 Aug 2022 02:59

Tgt Ion: 128 Resp: 15174
Ion Ratio Lower Upper
128 100
129 12.1 10.2 15.2
127 13.9 11.7 17.5

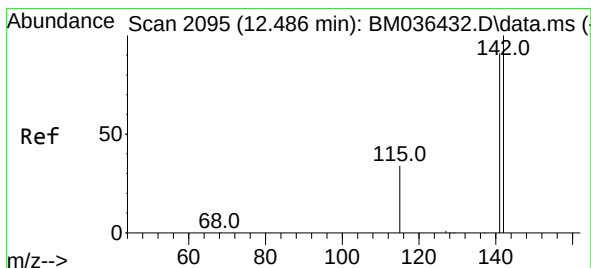
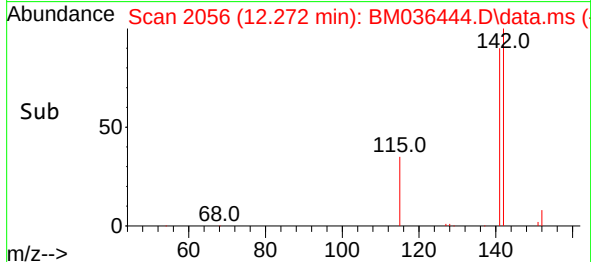
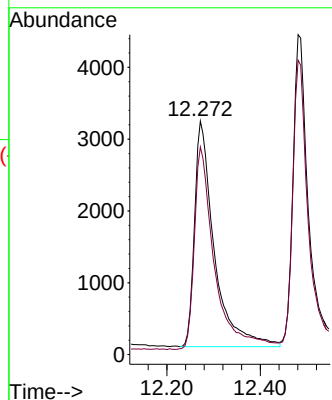
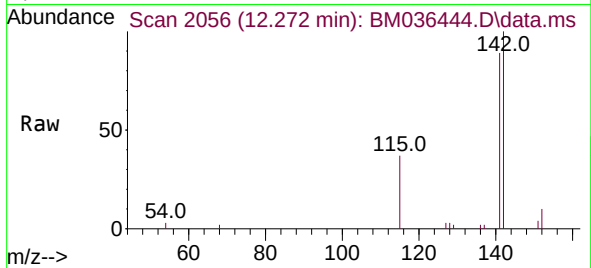




#7
2-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.272 min Scan# 2056
Delta R.T. 0.011 min
Lab File: BM036444.D
Acq: 27 Aug 2022 02:59

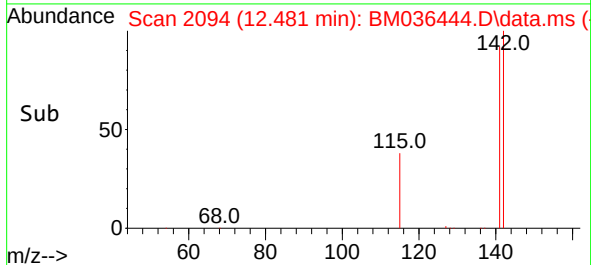
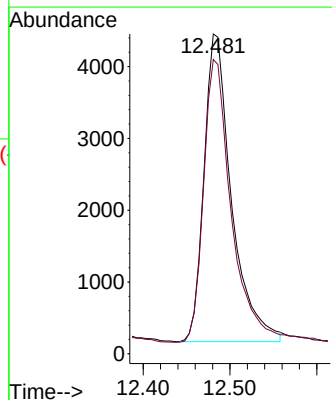
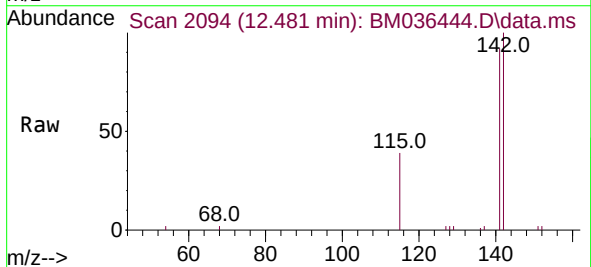
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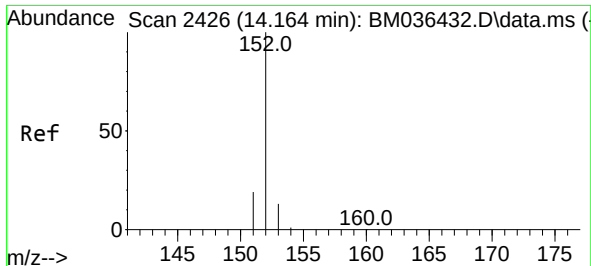
Tgt Ion:142 Resp: 9228
Ion Ratio Lower Upper
142 100
141 92.0 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 12.481 min Scan# 2094
Delta R.T. 0.005 min
Lab File: BM036444.D
Acq: 27 Aug 2022 02:59

Tgt Ion:142 Resp: 9456
Ion Ratio Lower Upper
142 100
141 92.0 74.1 111.1

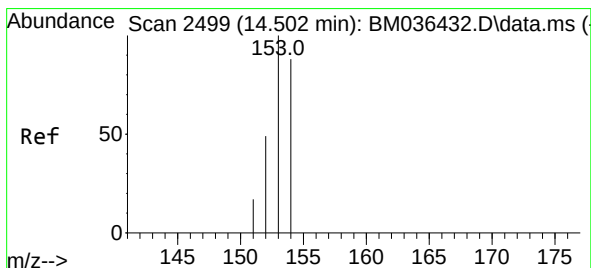
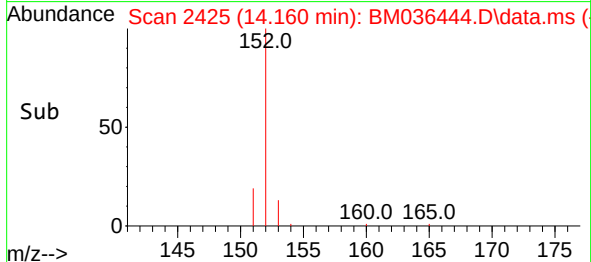
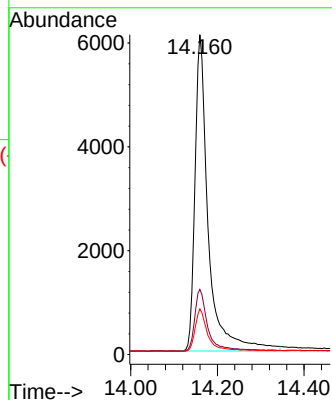
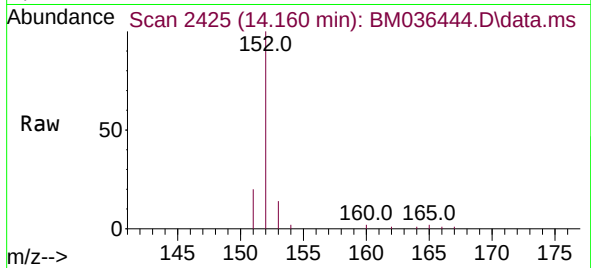




#10
Acenaphthylene
Concen: 0.447 ng/ul
RT: 14.160 min Scan# 2426
Delta R.T. 0.001 min
Lab File: BM036444.D
Acq: 27 Aug 2022 02:59

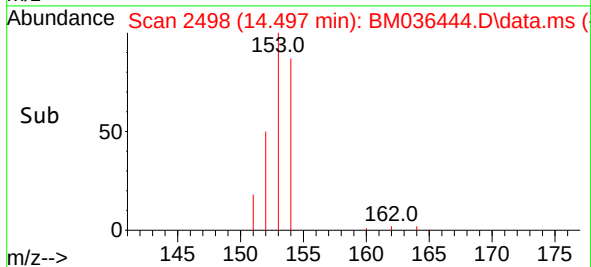
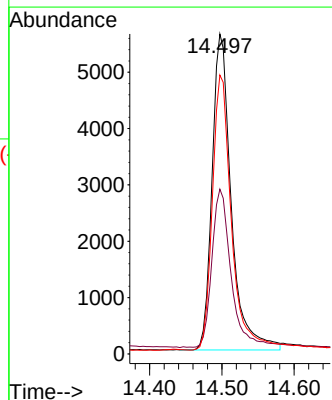
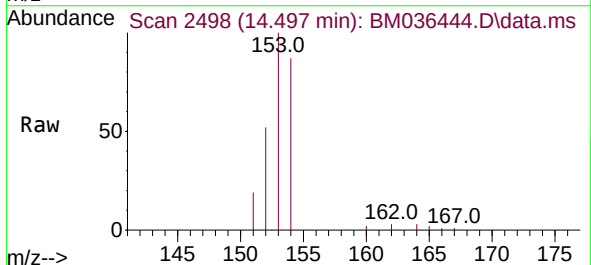
Instrument :
BNA_M
ClientSampleId :
SLCS281

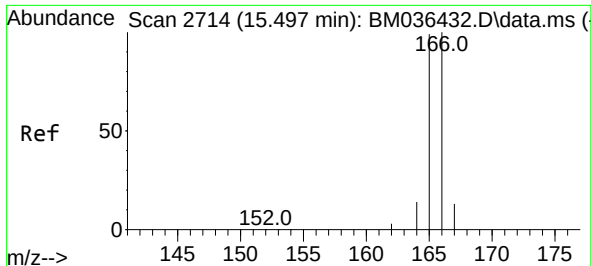
Tgt Ion:152 Resp: 13019
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8
153 14.3 11.4 17.0



#11
Acenaphthene
Concen: 0.441 ng/ul
RT: 14.497 min Scan# 2498
Delta R.T. 0.001 min
Lab File: BM036444.D
Acq: 27 Aug 2022 02:59

Tgt Ion:153 Resp: 10367
Ion Ratio Lower Upper
153 100
152 51.5 40.2 60.4
154 87.2 69.7 104.5

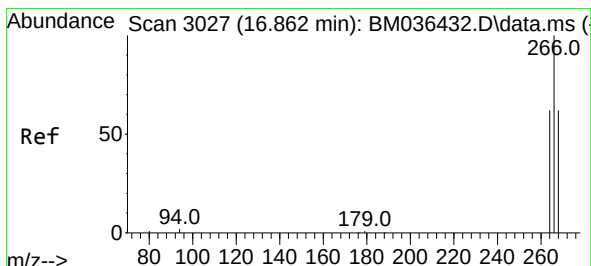
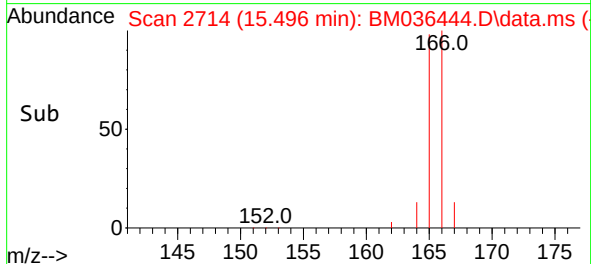
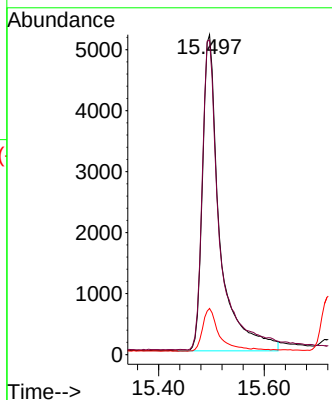
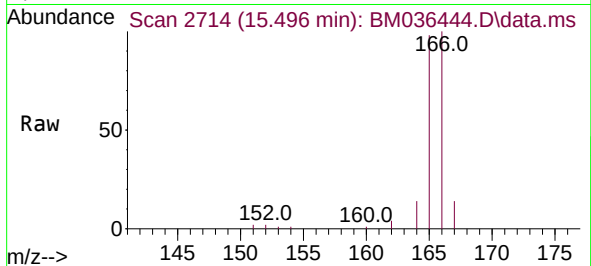




#12
 Fluorene
 Concen: 0.427 ng/ul
 RT: 15.496 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: BM036444.D
 Acq: 27 Aug 2022 02:59

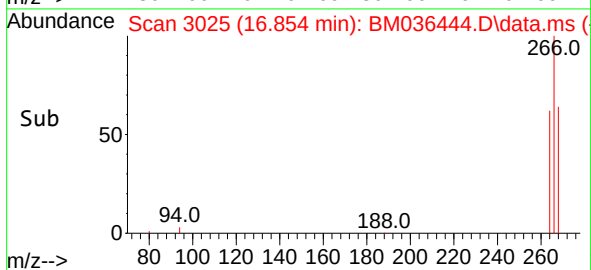
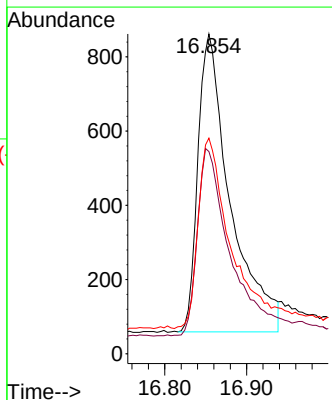
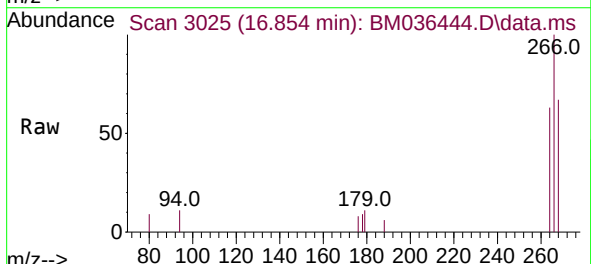
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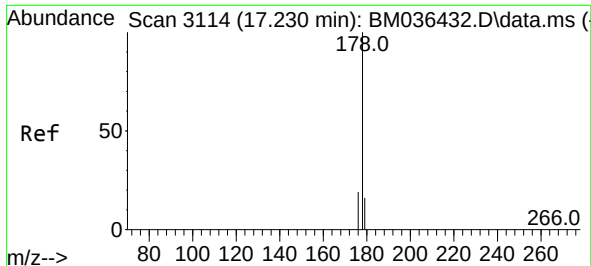
Tgt Ion:166 Resp: 11769
 Ion Ratio Lower Upper
 166 100
 165 98.3 78.9 118.3
 167 14.4 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.752 ng/ul
 RT: 16.854 min Scan# 3025
 Delta R.T. 0.005 min
 Lab File: BM036444.D
 Acq: 27 Aug 2022 02:59

Tgt Ion:266 Resp: 2200
 Ion Ratio Lower Upper
 266 100
 264 63.6 50.3 75.5
 268 63.5 53.5 80.3

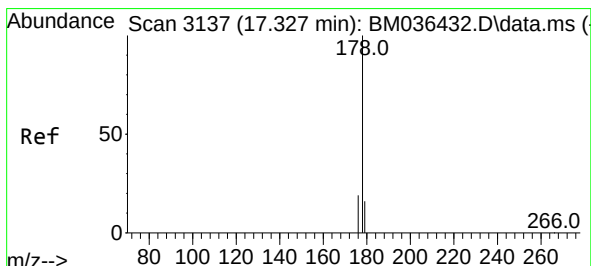
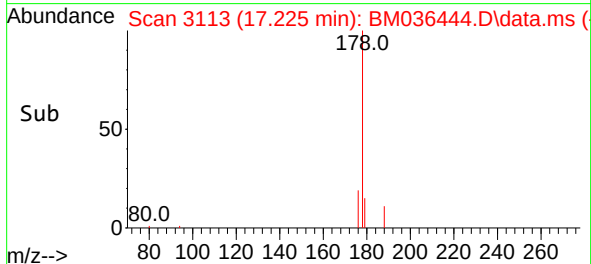
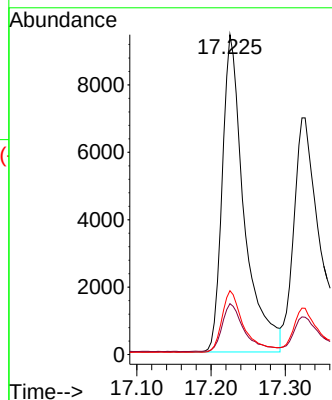
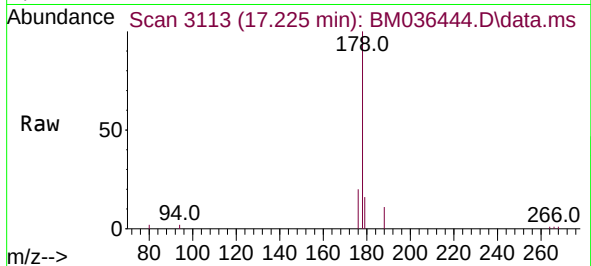




#15
Phenanthrene
Concen: 0.364 ng/ul
RT: 17.225 min Scan# 3114
Delta R.T. 0.005 min
Lab File: BM036444.D
Acq: 27 Aug 2022 02:59

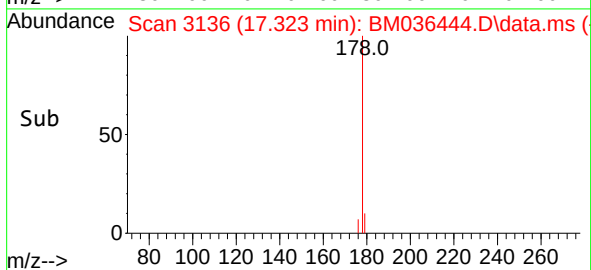
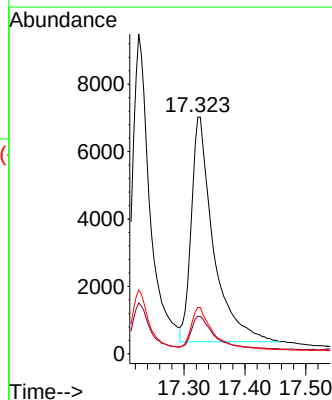
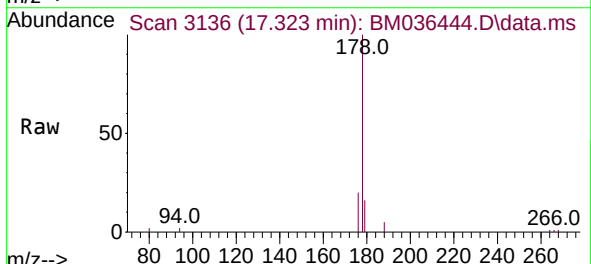
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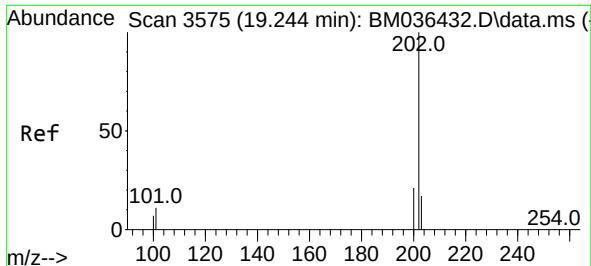
Tgt Ion:178	Resp:	19246
Ion Ratio	Lower	Upper
178	100	
179	15.9	13.0 19.6
176	20.0	15.6 23.4



#16
Anthracene
Concen: 0.400 ng/ul
RT: 17.323 min Scan# 3136
Delta R.T. 0.005 min
Lab File: BM036444.D
Acq: 27 Aug 2022 02:59

Tgt Ion:178	Resp:	16816
Ion Ratio	Lower	Upper
178	100	
179	15.9	13.6 20.4
176	19.7	15.6 23.4

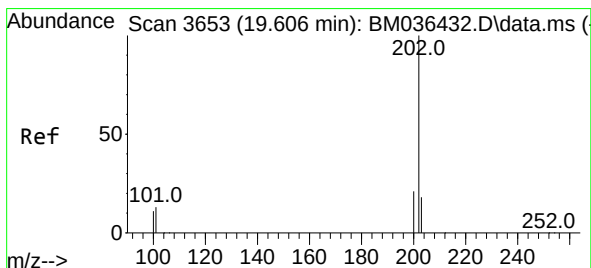
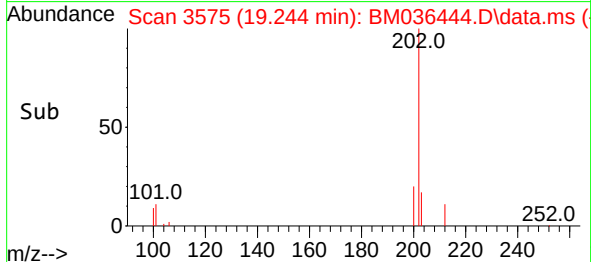
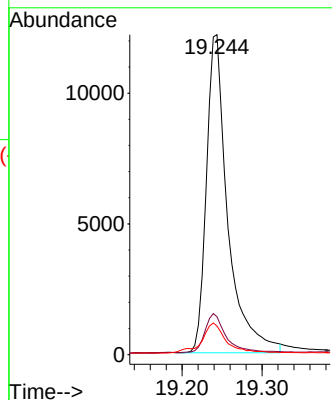
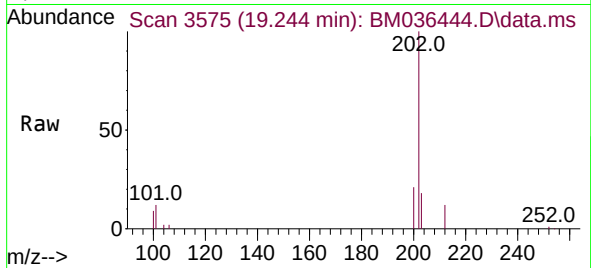




#19
Fluoranthene
Concen: 0.428 ng/ul
RT: 19.244 min Scan# 3575
Delta R.T. 0.006 min
Lab File: BM036444.D
Acq: 27 Aug 2022 02:59

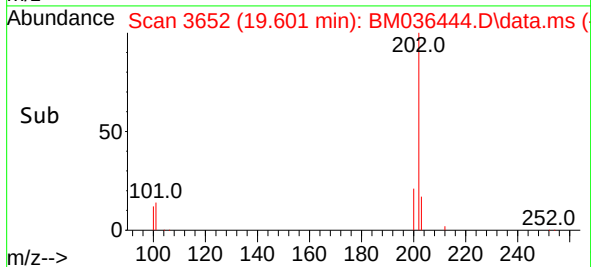
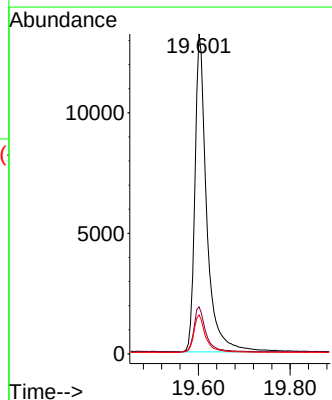
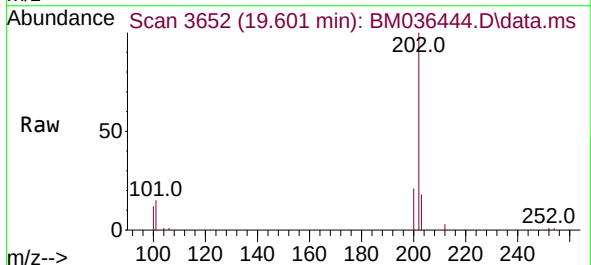
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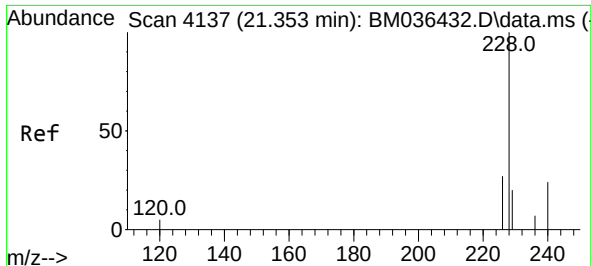
Tgt Ion:202 Resp: 22632
Ion Ratio Lower Upper
202 100
101 11.8 10.1 15.1
100 8.9 7.9 11.9



#20
Pyrene
Concen: 0.429 ng/ul
RT: 19.601 min Scan# 3652
Delta R.T. 0.001 min
Lab File: BM036444.D
Acq: 27 Aug 2022 02:59

Tgt Ion:202 Resp: 23560
Ion Ratio Lower Upper
202 100
101 14.7 12.0 18.0
100 12.2 9.8 14.6

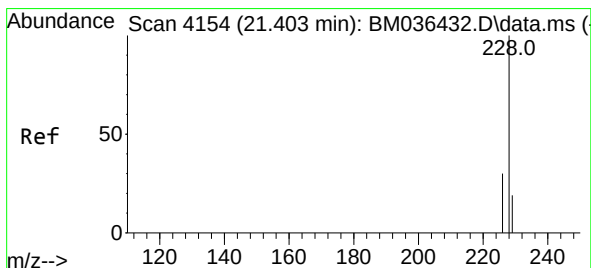
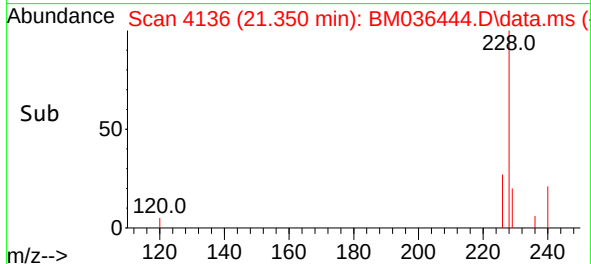
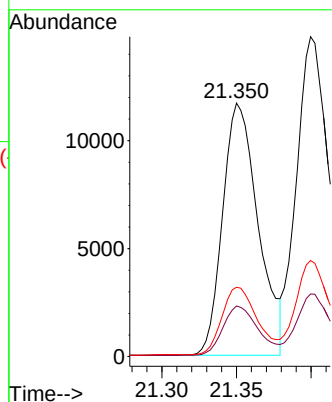
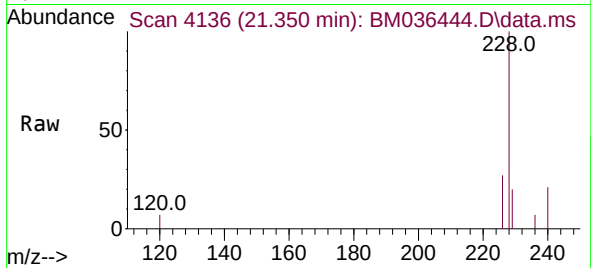




#21
Benzo(a)anthracene
Concen: 0.309 ng/u1
RT: 21.350 min Scan# 4137
Delta R.T. 0.005 min
Lab File: BM036444.D
Acq: 27 Aug 2022 02:59

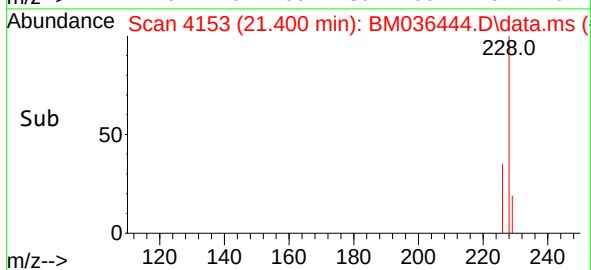
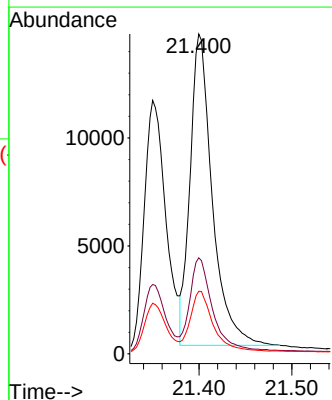
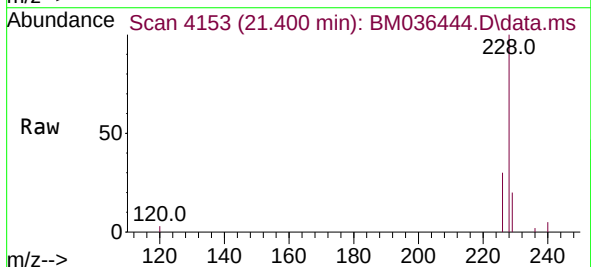
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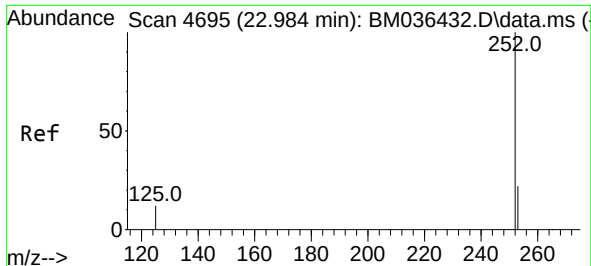
Tgt Ion:228 Resp: 19326
Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 27.4 22.5 33.7



#22
Chrysene
Concen: 0.279 ng/u1
RT: 21.400 min Scan# 4153
Delta R.T. 0.002 min
Lab File: BM036444.D
Acq: 27 Aug 2022 02:59

Tgt Ion:228 Resp: 24009
Ion Ratio Lower Upper
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226 30.0 24.6 37.0
229 19.6 16.4 24.6

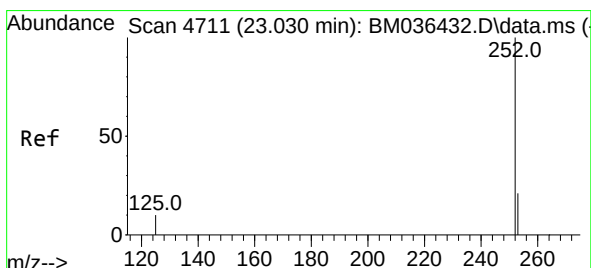
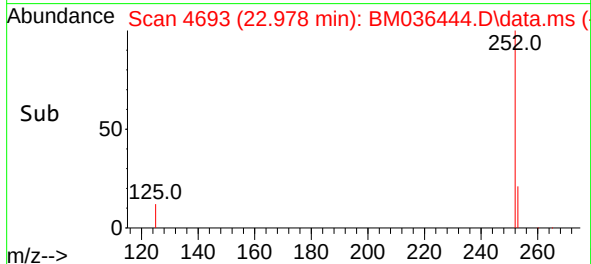
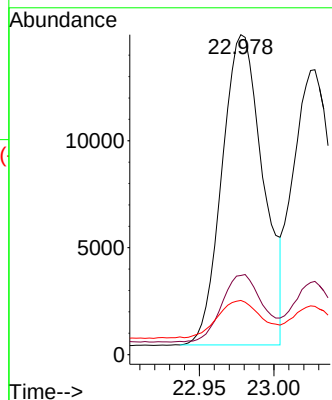
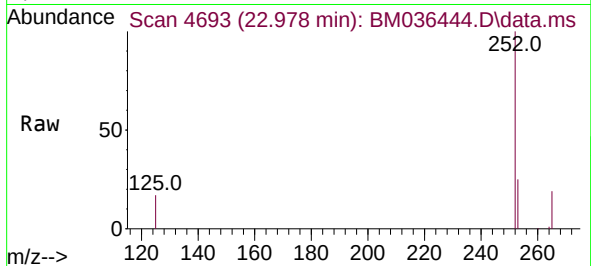




#24
Benzo(b)fluoranthene
Concen: 0.309 ng/ul
RT: 22.978 min Scan# 4693
Delta R.T. -0.001 min
Lab File: BM036444.D
Acq: 27 Aug 2022 02:59

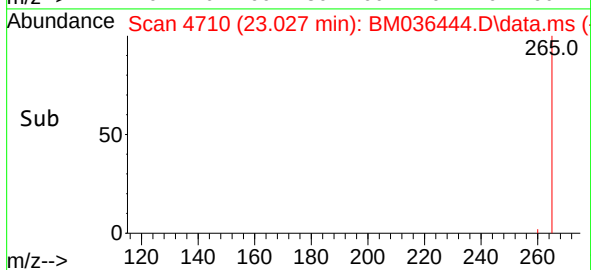
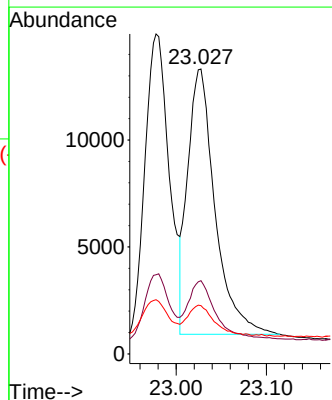
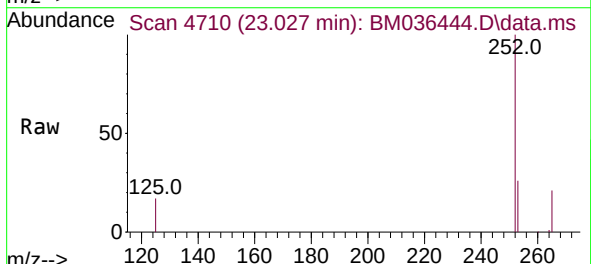
Instrument :
BNA_M
ClientSampleId :
SLCS281

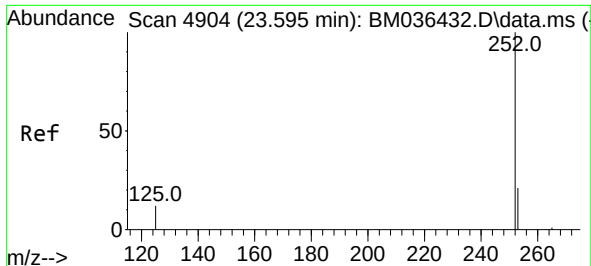
Tgt Ion:252 Resp: 27836
Ion Ratio Lower Upper
252 100
253 24.7 0.0 61.4
125 16.9 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.288 ng/ul
RT: 23.027 min Scan# 4710
Delta R.T. 0.002 min
Lab File: BM036444.D
Acq: 27 Aug 2022 02:59

Tgt Ion:252 Resp: 26092
Ion Ratio Lower Upper
252 100
253 25.7 25.2 37.8
125 16.9 18.3 27.5#

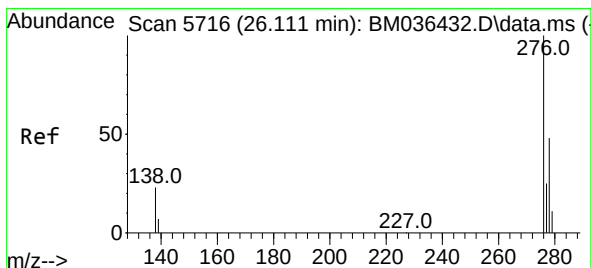
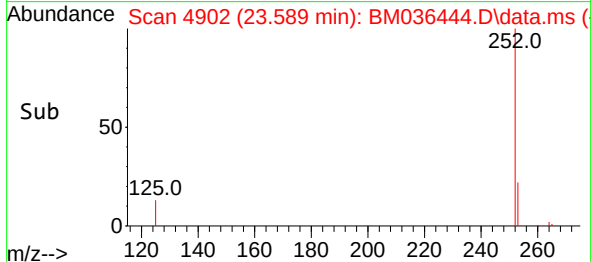
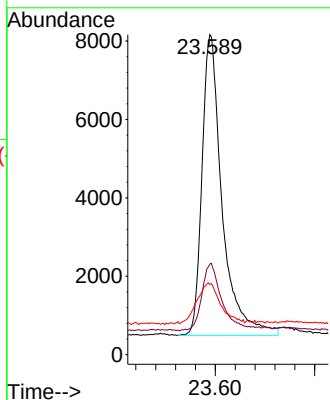
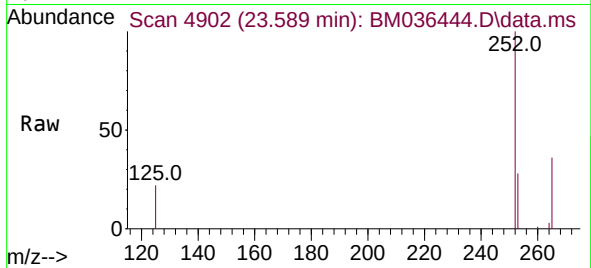




#26
Benzo(a)pyrene
Concen: 0.378 ng/ul
RT: 23.589 min Scan# 4902
Delta R.T. -0.001 min
Lab File: BM036444.D
Acq: 27 Aug 2022 02:59

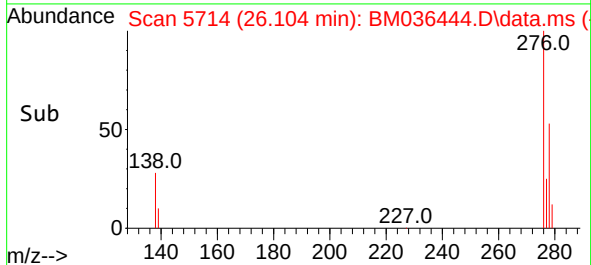
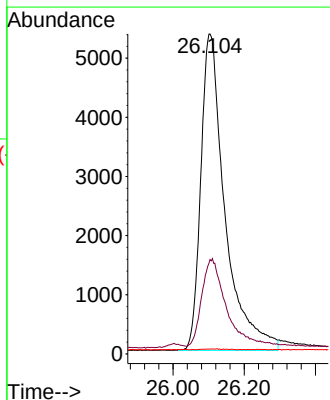
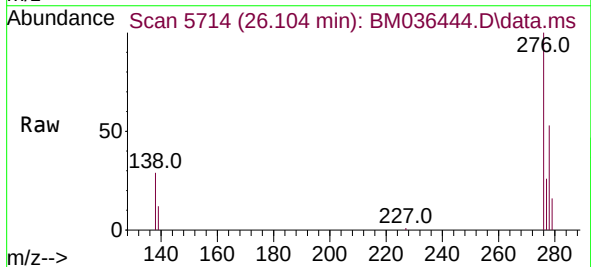
Instrument :
BNA_M
ClientSampleId :
SLCS281

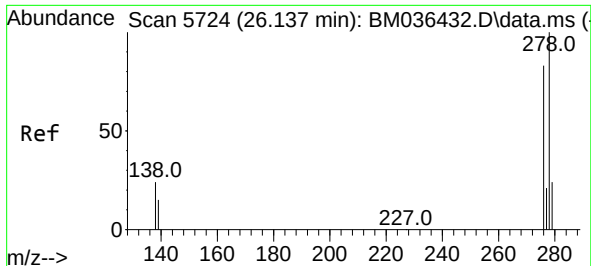
Tgt Ion:252 Resp: 21532
Ion Ratio Lower Upper
252 100
253 28.3 29.7 44.5#
125 21.9 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.586 ng/ul
RT: 26.104 min Scan# 5714
Delta R.T. -0.001 min
Lab File: BM036444.D
Acq: 27 Aug 2022 02:59

Tgt Ion:276 Resp: 25229
Ion Ratio Lower Upper
276 100
138 28.3 23.9 35.9
227 0.1 0.1 0.1

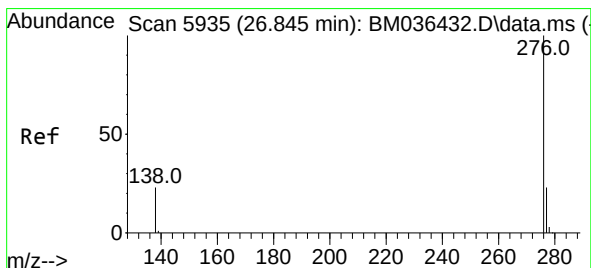
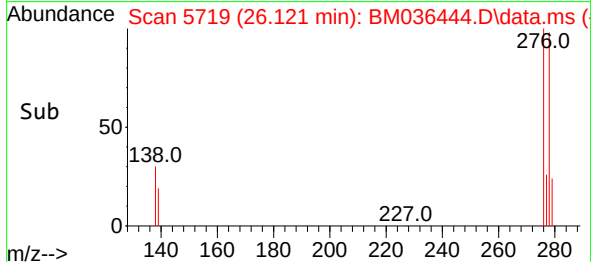
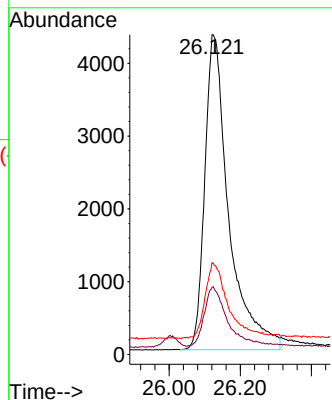
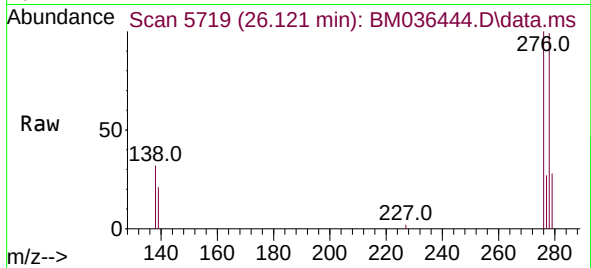




#28
 Dibenzo(a,h)anthracene
 Concen: 0.556 ng/ul
 RT: 26.121 min Scan# 5724
 Delta R.T. -0.001 min
 Lab File: BM036444.D
 Acq: 27 Aug 2022 02:59

Instrument :
 BNA_M
 ClientSampleId :
 SLCS281

Tgt Ion:278 Resp: 20283
 Ion Ratio Lower Upper
 278 100
 139 21.0 19.8 29.6
 279 28.7 27.7 41.5



#29
 Benzo(g,h,i)perylene
 Concen: 0.590 ng/ul
 RT: 26.838 min Scan# 5933
 Delta R.T. -0.001 min
 Lab File: BM036444.D
 Acq: 27 Aug 2022 02:59

Tgt Ion:276 Resp: 22994
 Ion Ratio Lower Upper
 276 100
 138 26.1 23.4 35.0
 277 24.9 21.0 31.4

