

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082622\
 Data File : BM036443.D
 Acq On : 27 Aug 2022 02:23
 Operator : CG/JU
 Sample : PB147244BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS244

Quant Time: Aug 27 03:26:28 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)

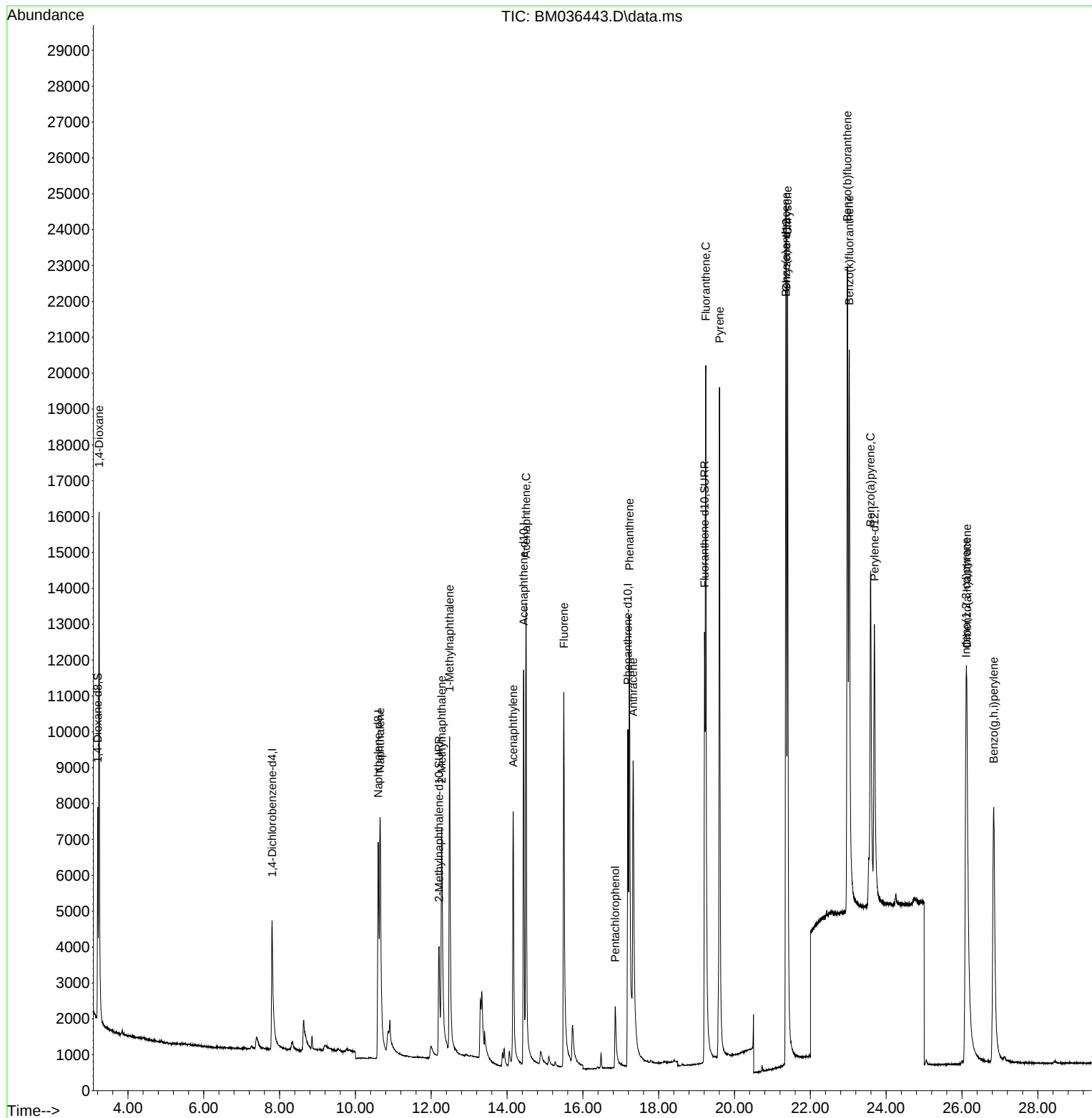
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	3365	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	14013	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.436	164	7437	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.187	188	15641	0.400	ng/ul	0.00
17) Chrysene-d12	21.363	240	16278	0.400	ng/ul	0.00
23) Perylene-d12	23.692	264	12875	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	3723	0.822	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	7786	0.348	ng/ul	0.02
18) Fluoranthene-d10	19.210	212	16878	0.839	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	9466	2.212	ng/ul#	79
5) Naphthalene	10.650	128	13718	0.347	ng/ul	98
7) 2-Methylnaphthalene	12.277	142	8292	0.350	ng/ul	96
8) 1-Methylnaphthalene	12.486	142	8494	0.354	ng/ul	99
10) Acenaphthylene	14.163	152	11757	0.382	ng/ul	100
11) Acenaphthene	14.501	153	9391	0.378	ng/ul	99
12) Fluorene	15.496	166	10540	0.362	ng/ul	99
14) Pentachlorophenol	16.853	266	2005	0.649	ng/ul	98
15) Phenanthrene	17.225	178	17457	0.313	ng/ul	99
16) Anthracene	17.326	178	15393	0.347	ng/ul	99
19) Fluoranthene	19.243	202	20624	0.362	ng/ul	99
20) Pyrene	19.605	202	21578	0.365	ng/ul	97
21) Benzo(a)anthracene	21.351	228	17685	0.262	ng/ul	99
22) Chrysene	21.401	228	22668	0.245	ng/ul	98
24) Benzo(b)fluoranthene	22.979	252	25926	0.277	ng/ul	91
25) Benzo(k)fluoranthene	23.025	252	23977	0.254	ng/ul#	90
26) Benzo(a)pyrene	23.590	252	19037	0.321	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.105	276	22021	0.491	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.128	278	17518	0.461	ng/ul	91
29) Benzo(g,h,i)perylene	26.836	276	20098	0.496	ng/ul	97

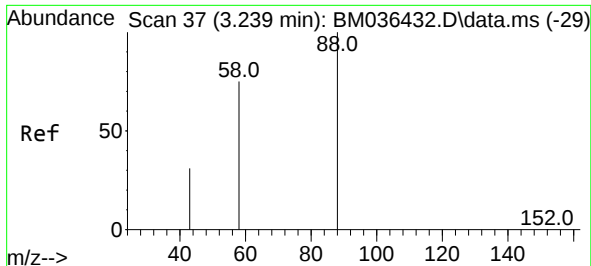
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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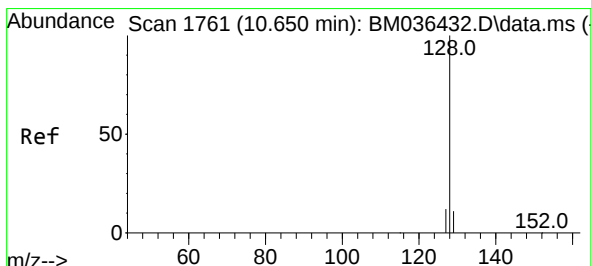
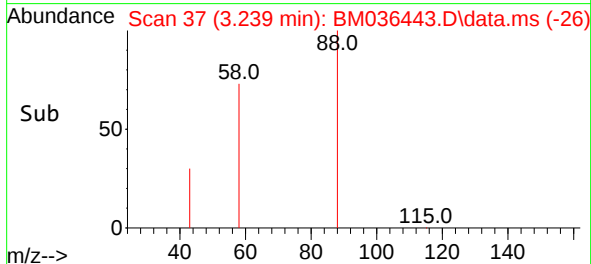
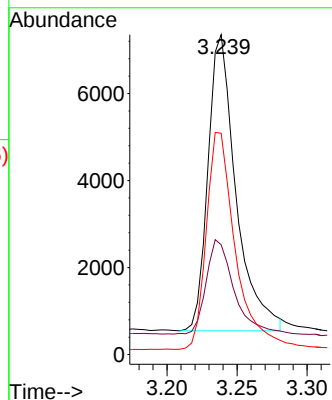
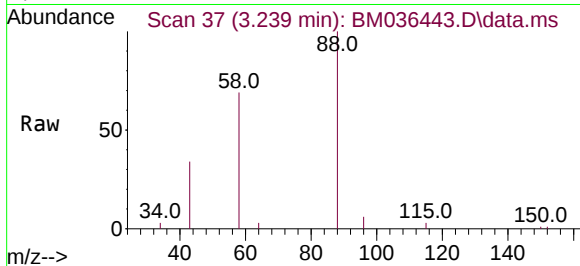




#2
1,4-Dioxane
Concen: 2.212 ng/ul
RT: 3.239 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM036443.D
Acq: 27 Aug 2022 02:23

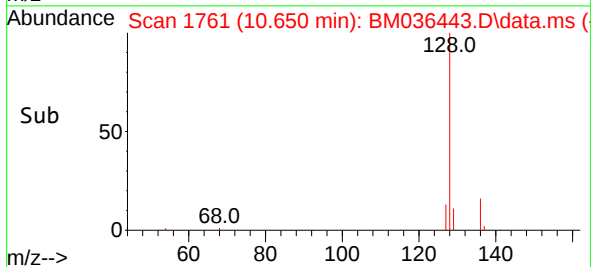
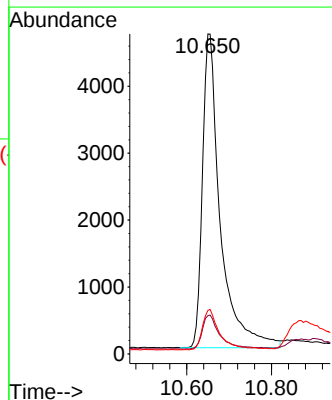
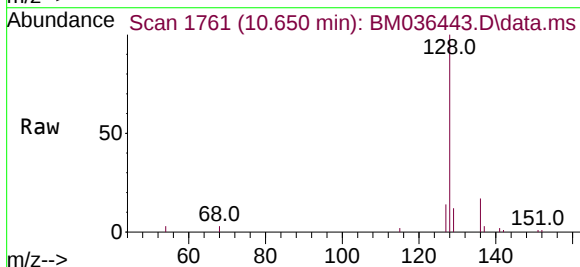
Instrument :
BNA_M
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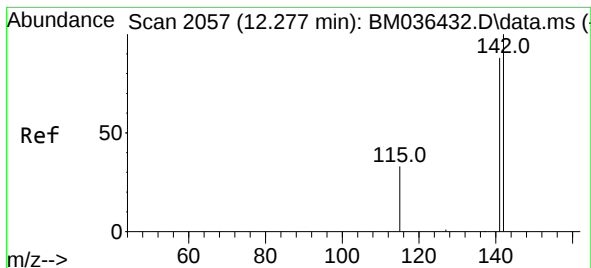
Tgt Ion: 88 Resp: 9466
Ion Ratio Lower Upper
88 100
43 34.3 37.8 56.6#
58 69.2 42.6 63.8#



#5
Naphthalene
Concen: 0.347 ng/ul
RT: 10.650 min Scan# 1761
Delta R.T. 0.005 min
Lab File: BM036443.D
Acq: 27 Aug 2022 02:23

Tgt Ion: 128 Resp: 13718
Ion Ratio Lower Upper
128 100
129 11.9 10.2 15.2
127 13.6 11.7 17.5

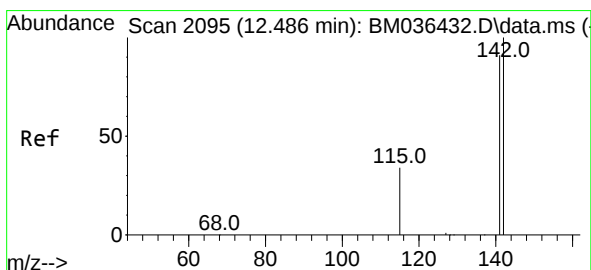
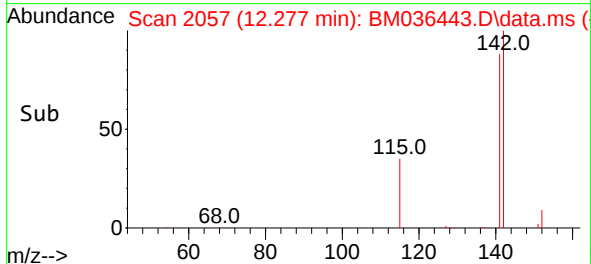
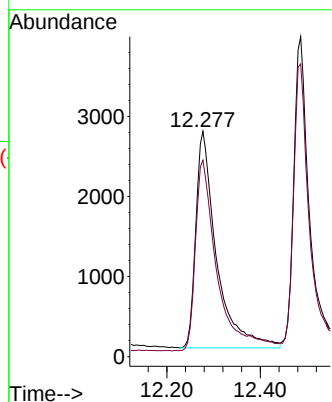
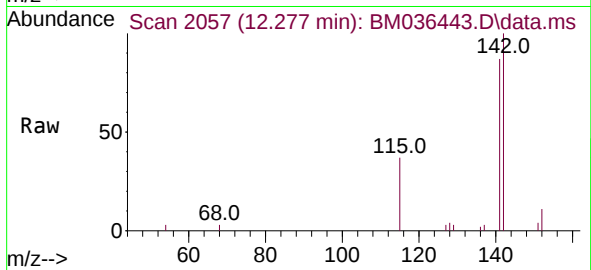




#7
2-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.277 min Scan# 2057
Delta R.T. 0.016 min
Lab File: BM036443.D
Acq: 27 Aug 2022 02:23

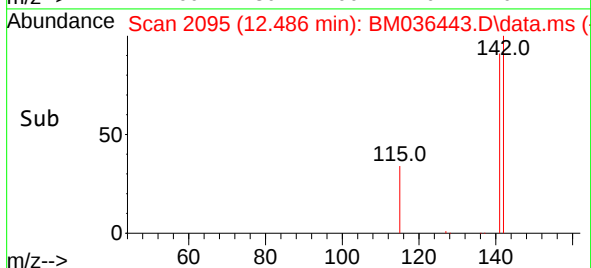
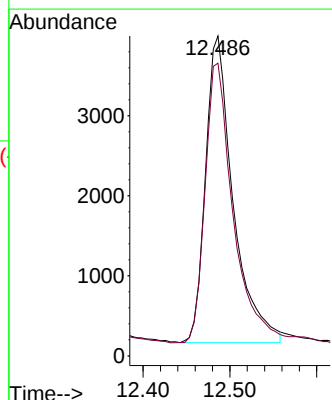
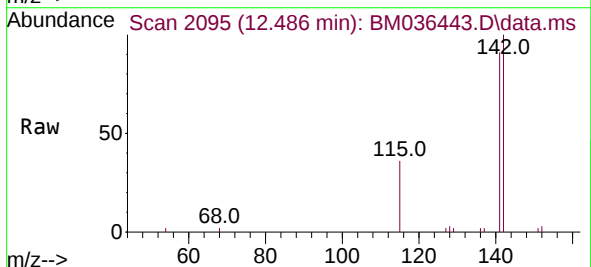
Instrument :
BNA_M
ClientSampleId :
SLCS244

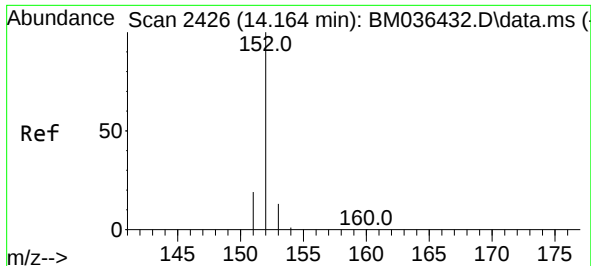
Tgt Ion:142 Resp: 8292
Ion Ratio Lower Upper
142 100
141 92.4 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.486 min Scan# 2095
Delta R.T. 0.011 min
Lab File: BM036443.D
Acq: 27 Aug 2022 02:23

Tgt Ion:142 Resp: 8494
Ion Ratio Lower Upper
142 100
141 92.0 74.1 111.1

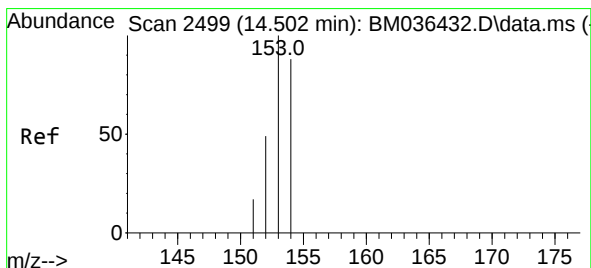
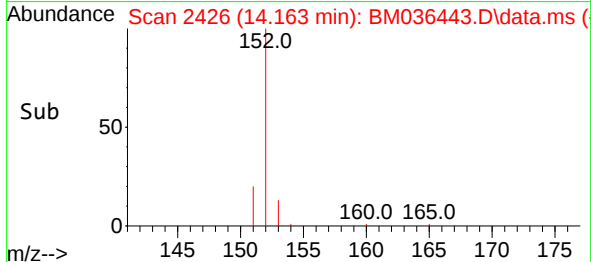
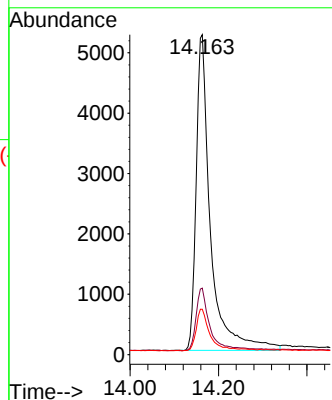
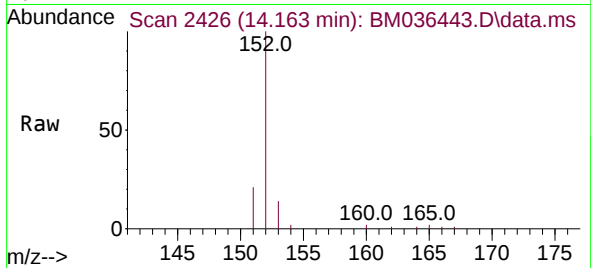




#10
Acenaphthylene
Concen: 0.382 ng/ul
RT: 14.163 min Scan# 2426
Delta R.T. 0.005 min
Lab File: BM036443.D
Acq: 27 Aug 2022 02:23

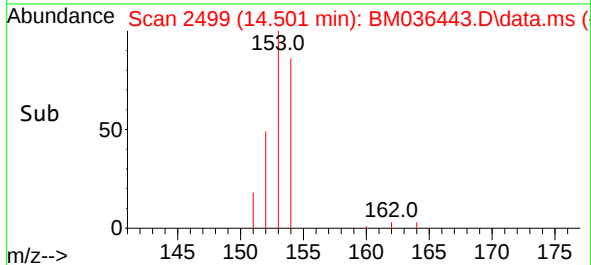
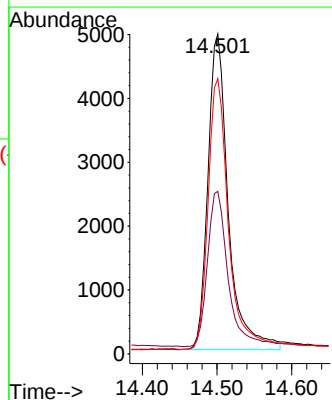
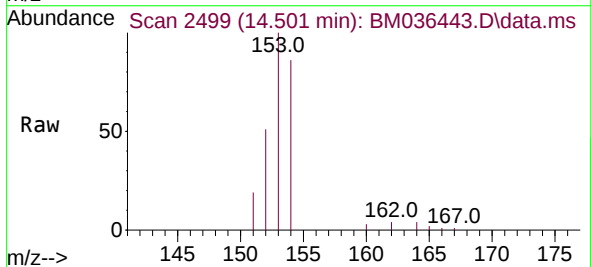
Instrument :
BNA_M
ClientSampleId :
SLCS244

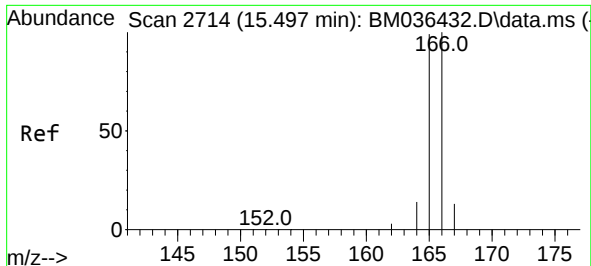
Tgt Ion:152 Resp: 11757
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8
153 14.2 11.4 17.0



#11
Acenaphthene
Concen: 0.378 ng/ul
RT: 14.501 min Scan# 2499
Delta R.T. 0.005 min
Lab File: BM036443.D
Acq: 27 Aug 2022 02:23

Tgt Ion:153 Resp: 9391
Ion Ratio Lower Upper
153 100
152 50.8 40.2 60.4
154 86.0 69.7 104.5

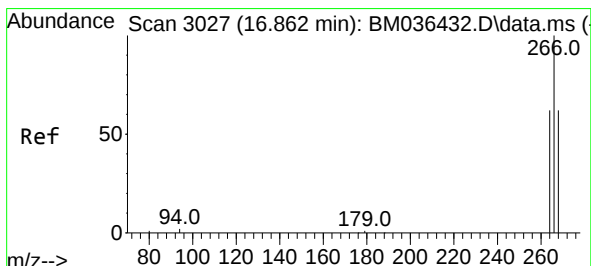
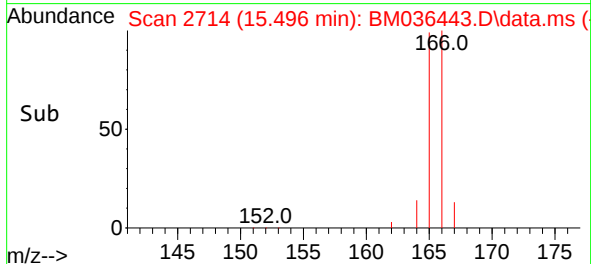
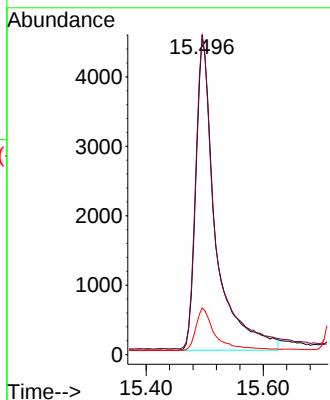
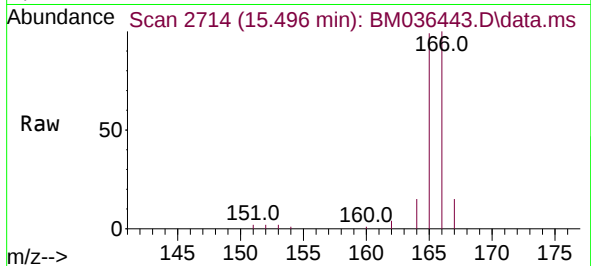




#12
 Fluorene
 Concen: 0.362 ng/ul
 RT: 15.496 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: BM036443.D
 Acq: 27 Aug 2022 02:23

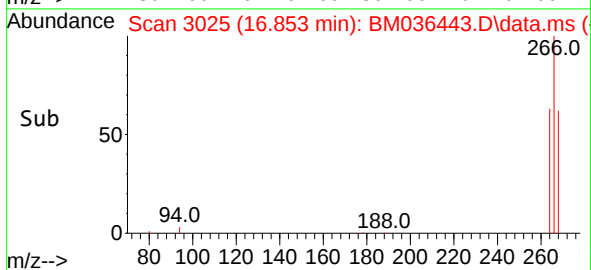
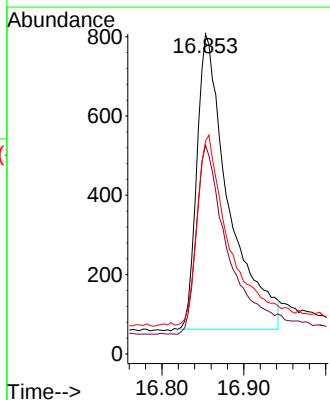
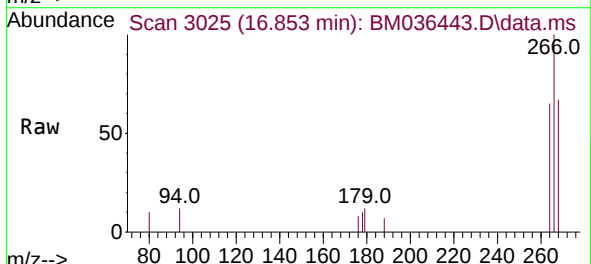
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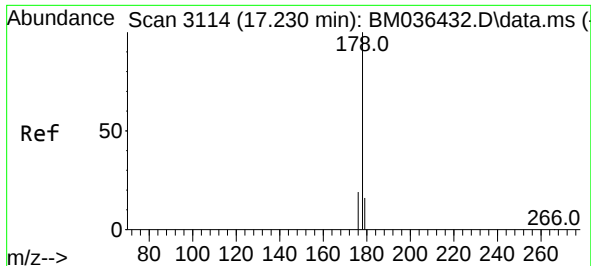
Tgt Ion:166	Resp:	10540
Ion Ratio	Lower	Upper
166	100	
165	99.5	78.9 118.3
167	14.6	11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.649 ng/ul
 RT: 16.853 min Scan# 3025
 Delta R.T. 0.004 min
 Lab File: BM036443.D
 Acq: 27 Aug 2022 02:23

Tgt Ion:266	Resp:	2005
Ion Ratio	Lower	Upper
266	100	
264	63.7	50.3 75.5
268	64.6	53.5 80.3

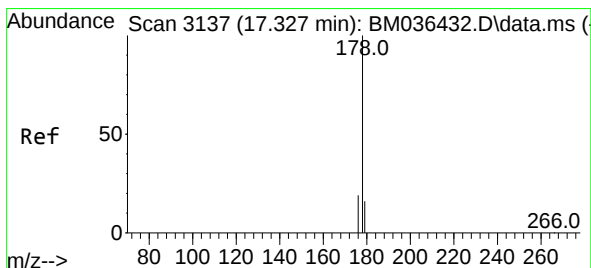
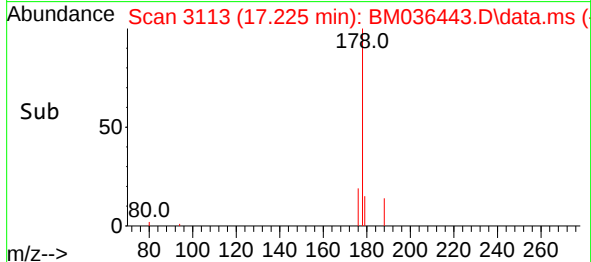
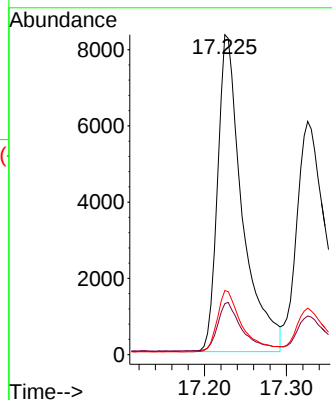
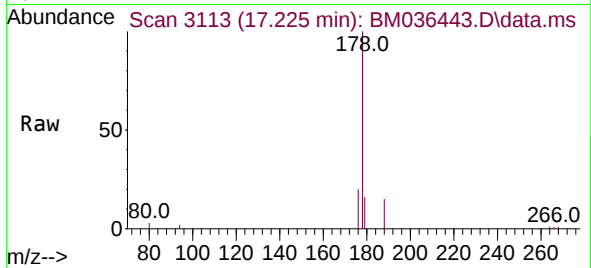




#15
Phenanthrene
Concen: 0.313 ng/ul
RT: 17.225 min Scan# 3114
Delta R.T. 0.004 min
Lab File: BM036443.D
Acq: 27 Aug 2022 02:23

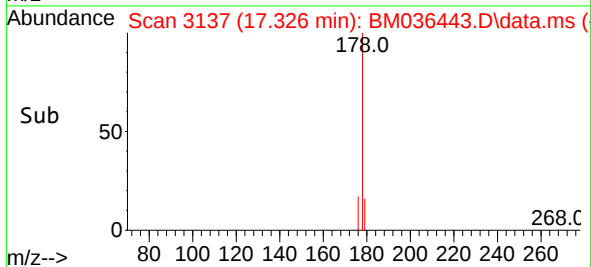
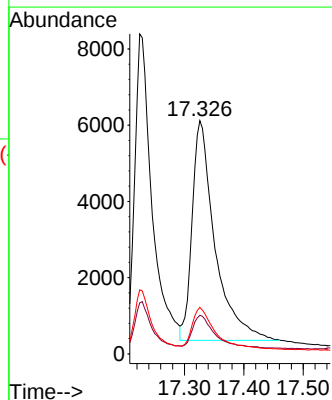
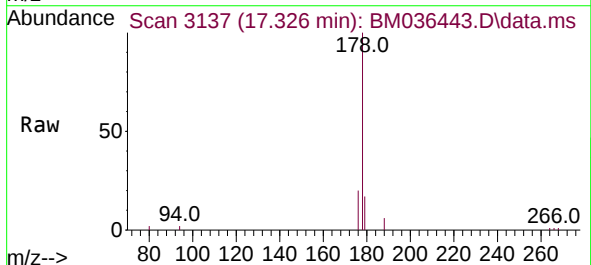
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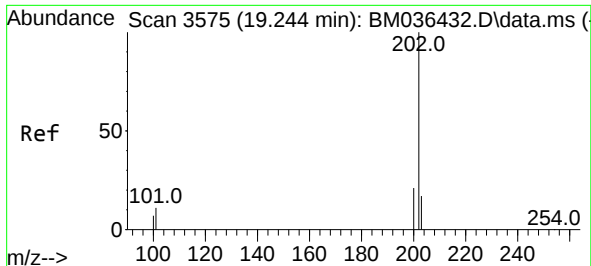
Tgt Ion:178 Resp: 17457
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 20.0 15.6 23.4



#16
Anthracene
Concen: 0.347 ng/ul
RT: 17.326 min Scan# 3137
Delta R.T. 0.008 min
Lab File: BM036443.D
Acq: 27 Aug 2022 02:23

Tgt Ion:178 Resp: 15393
Ion Ratio Lower Upper
178 100
179 16.6 13.6 20.4
176 20.0 15.6 23.4

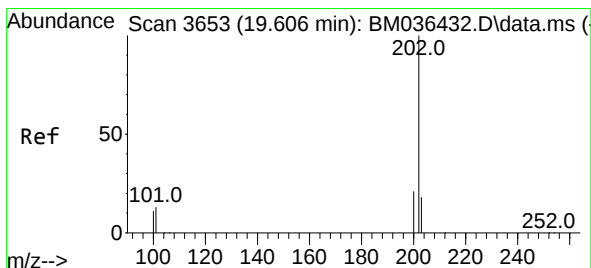
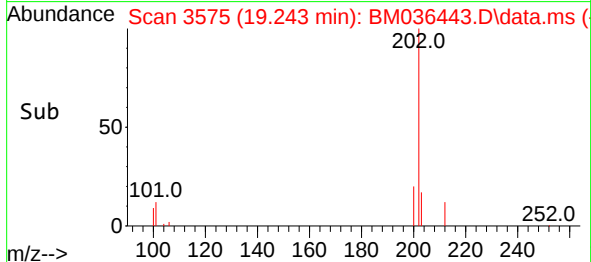
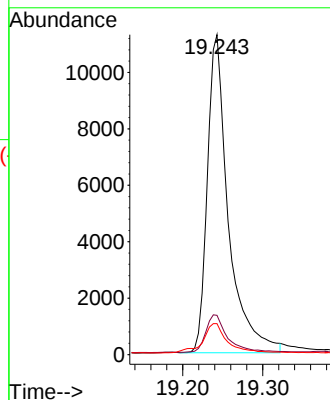
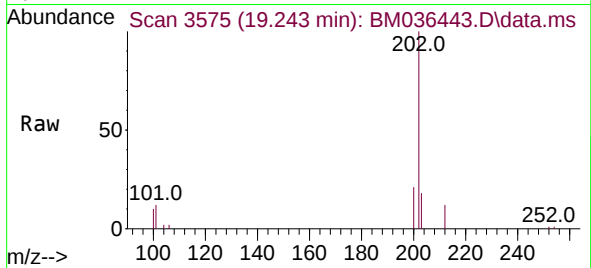




#19
Fluoranthene
Concen: 0.362 ng/ul
RT: 19.243 min Scan# 3575
Delta R.T. 0.005 min
Lab File: BM036443.D
Acq: 27 Aug 2022 02:23

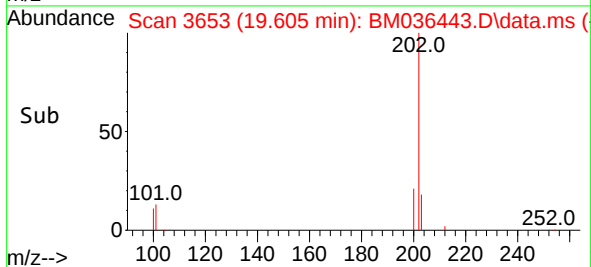
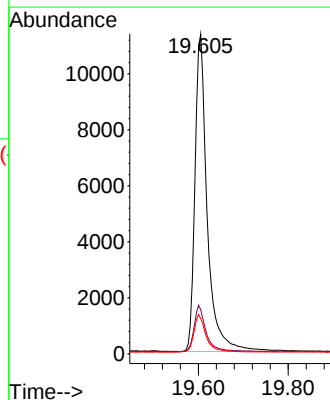
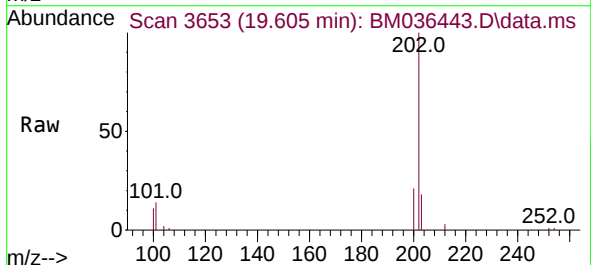
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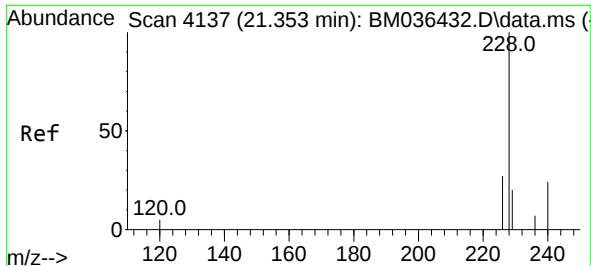
Tgt Ion:	202	Resp:	20624
Ion Ratio	Lower	Upper	
202	100		
101	12.3	10.1	15.1
100	9.7	7.9	11.9



#20
Pyrene
Concen: 0.365 ng/ul
RT: 19.605 min Scan# 3653
Delta R.T. 0.005 min
Lab File: BM036443.D
Acq: 27 Aug 2022 02:23

Tgt Ion:	202	Resp:	21578
Ion Ratio	Lower	Upper	
202	100		
101	13.8	12.0	18.0
100	11.0	9.8	14.6

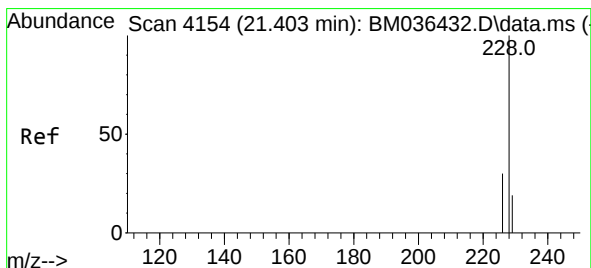
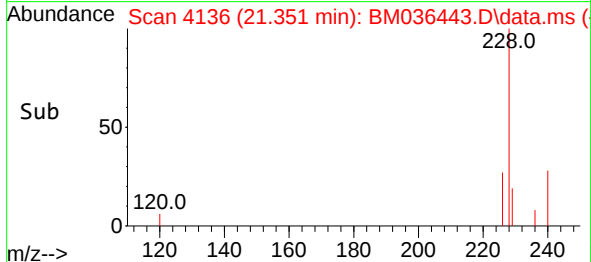
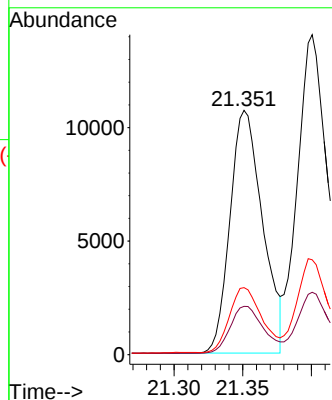
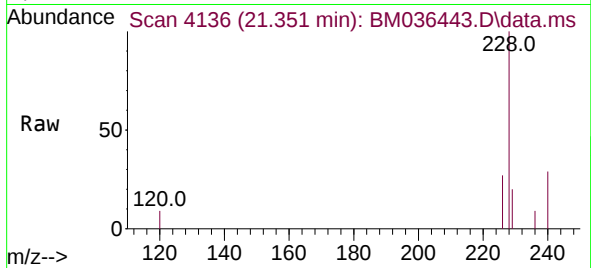




#21
Benzo(a)anthracene
Concen: 0.262 ng/ul
RT: 21.351 min Scan# 4137
Delta R.T. 0.006 min
Lab File: BM036443.D
Acq: 27 Aug 2022 02:23

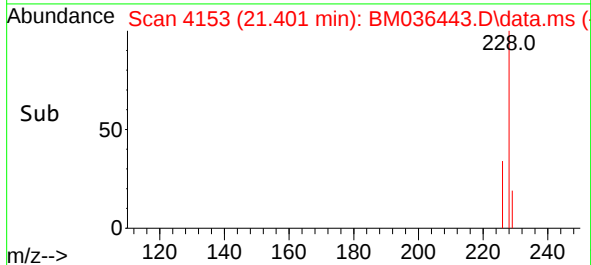
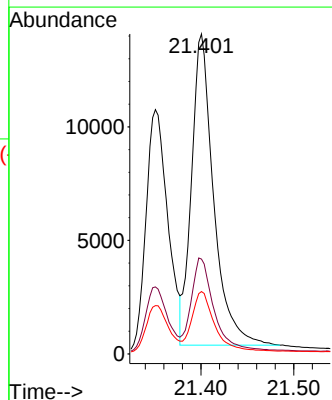
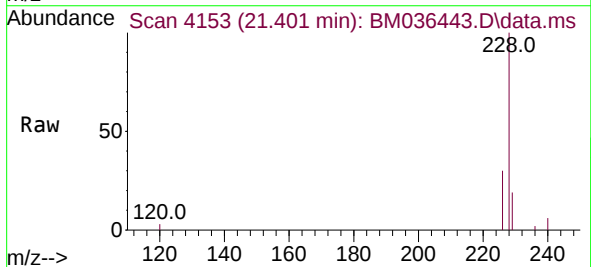
Instrument :
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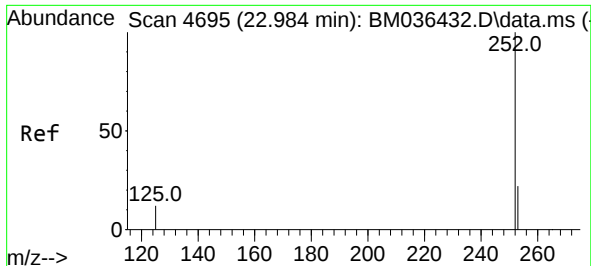
Tgt Ion:228 Resp: 17685
Ion Ratio Lower Upper
228 100
229 19.7 16.2 24.2
226 27.4 22.5 33.7



#22
Chrysene
Concen: 0.245 ng/ul
RT: 21.401 min Scan# 4153
Delta R.T. 0.003 min
Lab File: BM036443.D
Acq: 27 Aug 2022 02:23

Tgt Ion:228 Resp: 22668
Ion Ratio Lower Upper
228 100
226 29.6 24.6 37.0
229 19.5 16.4 24.6

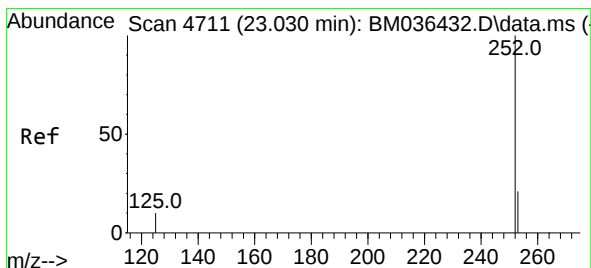
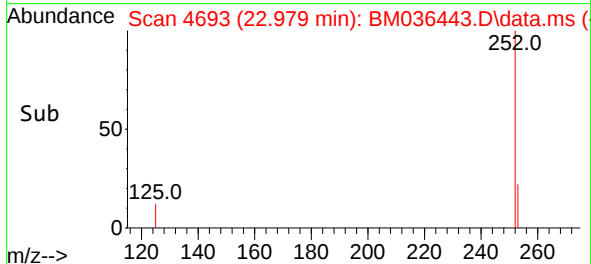
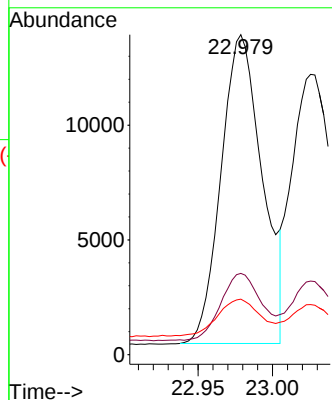
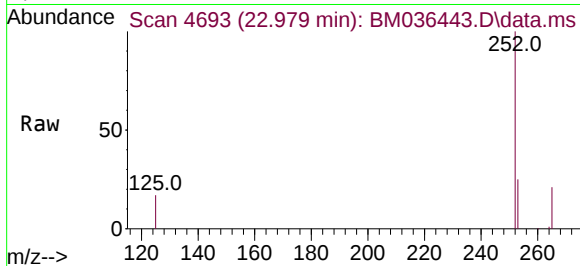




#24
Benzo(b)fluoranthene
Concen: 0.277 ng/ul
RT: 22.979 min Scan# 4693
Delta R.T. 0.000 min
Lab File: BM036443.D
Acq: 27 Aug 2022 02:23

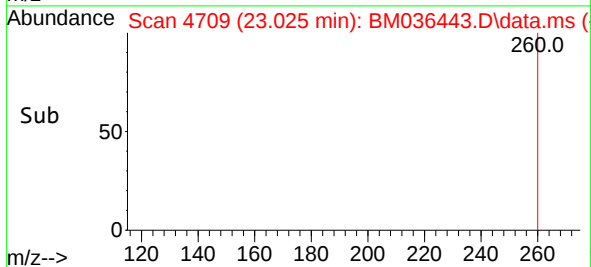
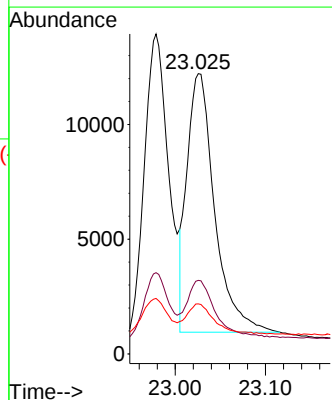
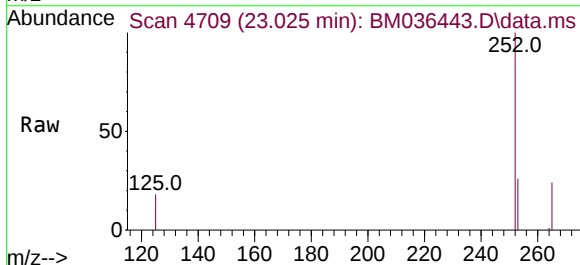
Instrument :
BNA_M
ClientSampleId :
SLCS244

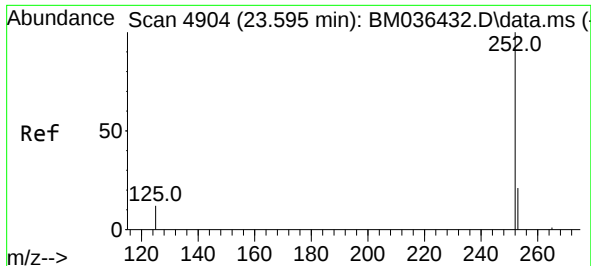
Tgt Ion:252 Resp: 25926
Ion Ratio Lower Upper
252 100
253 25.4 0.0 61.4
125 17.3 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.254 ng/ul
RT: 23.025 min Scan# 4709
Delta R.T. 0.000 min
Lab File: BM036443.D
Acq: 27 Aug 2022 02:23

Tgt Ion:252 Resp: 23977
Ion Ratio Lower Upper
252 100
253 26.2 25.2 37.8
125 17.8 18.3 27.5#

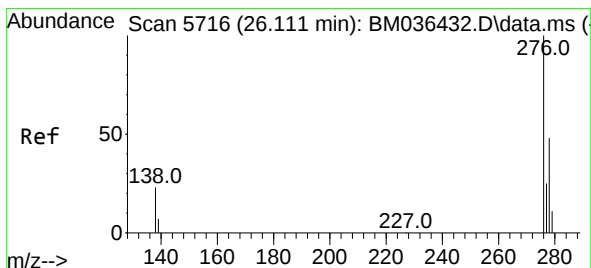
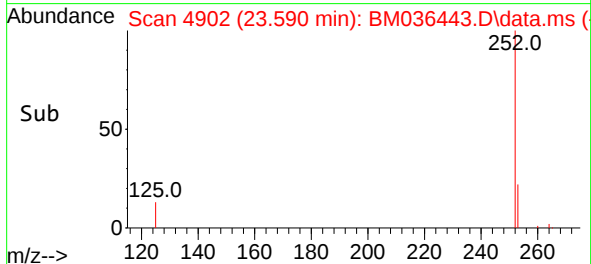
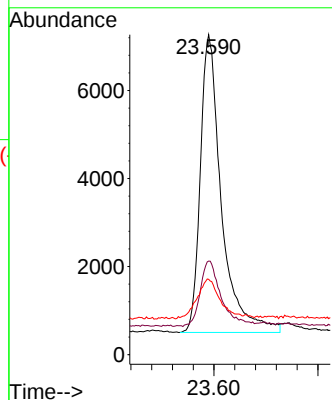
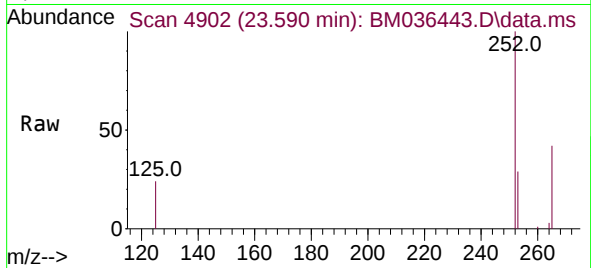




#26
Benzo(a)pyrene
Concen: 0.321 ng/ul
RT: 23.590 min Scan# 4904
Delta R.T. 0.000 min
Lab File: BM036443.D
Acq: 27 Aug 2022 02:23

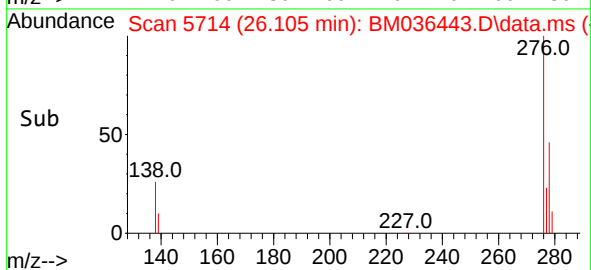
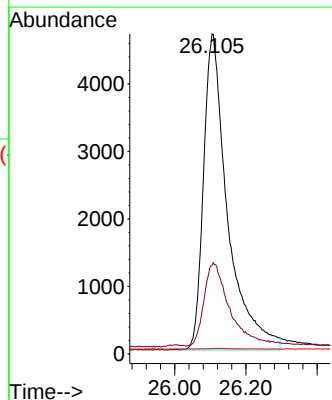
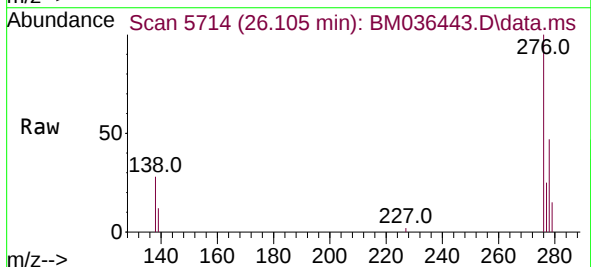
Instrument :
BNA_M
ClientSampleId :
SLCS244

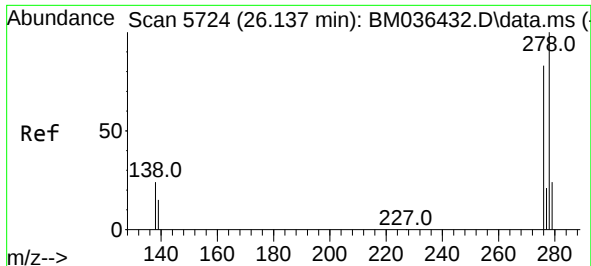
Tgt Ion:252 Resp: 19037
Ion Ratio Lower Upper
252 100
253 29.2 29.7 44.5#
125 23.5 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.491 ng/ul
RT: 26.105 min Scan# 5714
Delta R.T. 0.000 min
Lab File: BM036443.D
Acq: 27 Aug 2022 02:23

Tgt Ion:276 Resp: 22021
Ion Ratio Lower Upper
276 100
138 28.2 23.9 35.9
227 0.1 0.1 0.1#

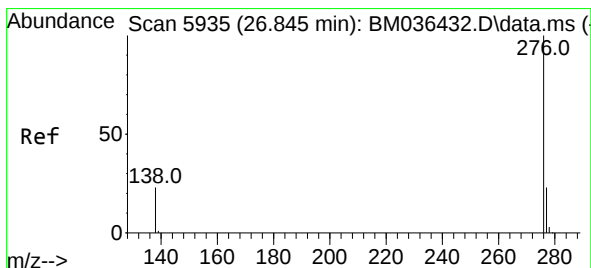
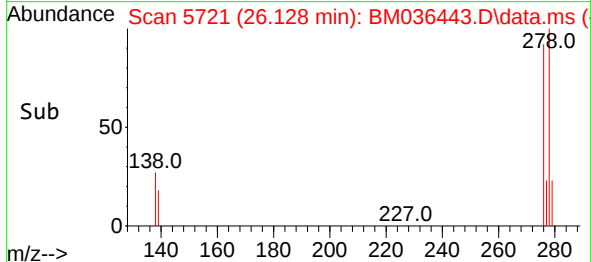
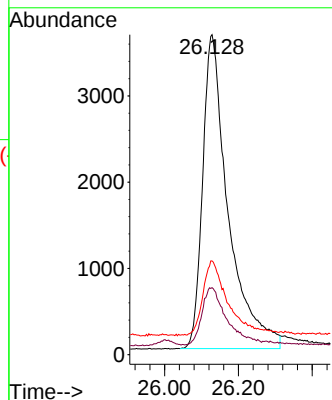
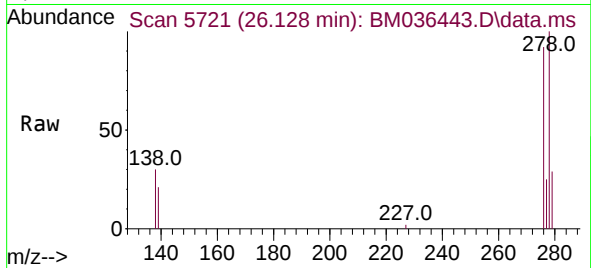




#28
 Dibenzo(a,h)anthracene
 Concen: 0.461 ng/ul
 RT: 26.128 min Scan# 51
 Delta R.T. 0.007 min
 Lab File: BM036443.D
 Acq: 27 Aug 2022 02:23

Instrument :
 BNA_M
 ClientSampleId :
 SLCS244

Tgt Ion:278 Resp: 17518
 Ion Ratio Lower Upper
 278 100
 139 20.9 19.8 29.6
 279 29.3 27.7 41.5



#29
 Benzo(g,h,i)perylene
 Concen: 0.496 ng/ul
 RT: 26.836 min Scan# 5932
 Delta R.T. -0.003 min
 Lab File: BM036443.D
 Acq: 27 Aug 2022 02:23

Tgt Ion:276 Resp: 20098
 Ion Ratio Lower Upper
 276 100
 138 26.6 23.4 35.0
 277 25.5 21.0 31.4

