

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
 Data File : BM037397.D
 Acq On : 07 Nov 2022 18:26
 Operator : CG/JU
 Sample : PB148649BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS649

Quant Time: Nov 07 23:08:18 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:30:18 2022
 Response via : Initial Calibration

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

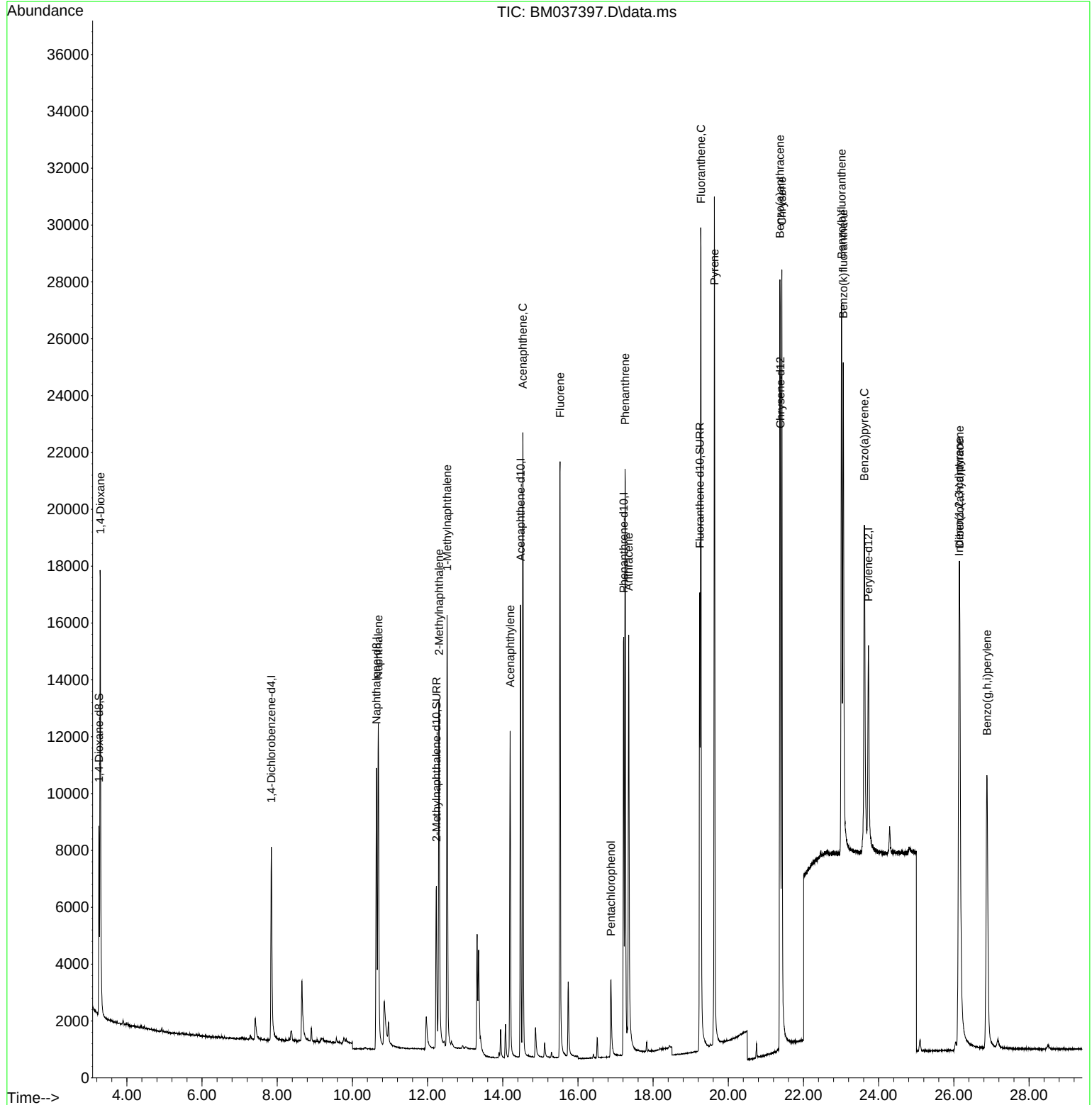
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	4644	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	15273	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	8758	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.216	188	17939	0.400	ng/ul	0.00
17) Chrysene-d12	21.386	240	12980	0.400	ng/ul	0.00
23) Perylene-d12	23.727	264	10342	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	4292	0.728	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	9339	0.407	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	18243	0.449	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	10618	1.822	ng/ul#	84
5) Naphthalene	10.688	128	17278	0.391	ng/ul	100
7) 2-Methylnaphthalene	12.305	142	10854	0.391	ng/ul	97
8) 1-Methylnaphthalene	12.519	142	11681	0.409	ng/ul	100
10) Acenaphthylene	14.196	152	14502	0.389	ng/ul	99
11) Acenaphthene	14.533	153	13061	0.396	ng/ul	99
12) Fluorene	15.524	166	14582	0.387	ng/ul	99
14) Pentachlorophenol	16.879	266	2663	0.562	ng/ul	99
15) Phenanthrene	17.254	178	23624	0.385	ng/ul	100
16) Anthracene	17.351	178	19358	0.387	ng/ul	100
19) Fluoranthene	19.271	202	26436	0.430	ng/ul	100
20) Pyrene	19.629	202	27718	0.430	ng/ul	100
21) Benzo(a)anthracene	21.371	228	21990	0.393	ng/ul	100
22) Chrysene	21.424	228	25101	0.402	ng/ul	99
24) Benzo(b)fluoranthene	23.011	252	25304	0.426	ng/ul	97
25) Benzo(k)fluoranthene	23.058	252	24664	0.434	ng/ul	99
26) Benzo(a)pyrene	23.619	252	20502	0.413	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.138	276	26155	0.396	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.155	278	20101	0.395	ng/ul	97
29) Benzo(g,h,i)perylene	26.883	276	22518	0.394	ng/ul	100

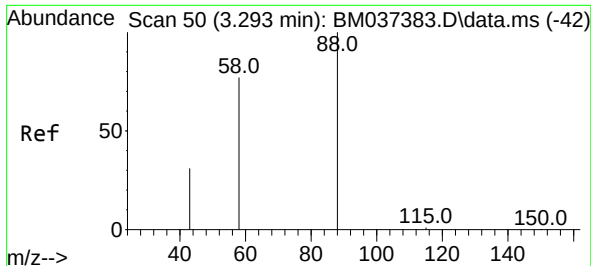
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 07 23:08:18 2022
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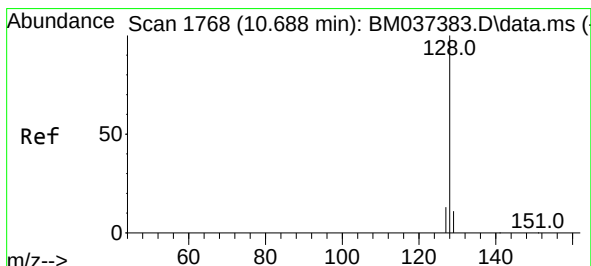
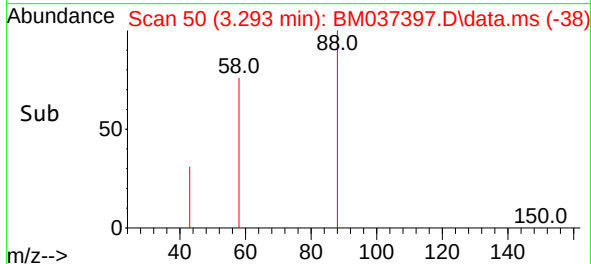
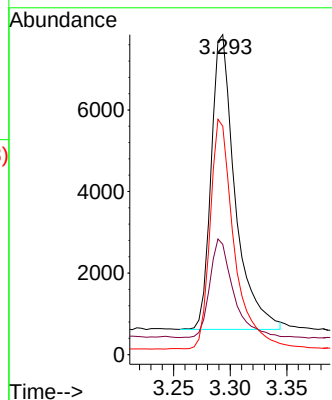
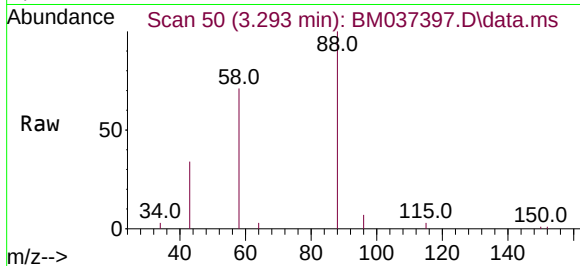




#2
 1,4-Dioxane
 Concen: 1.822 ng/ul
 RT: 3.293 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BM037397.D
 Acq: 07 Nov 2022 18:26

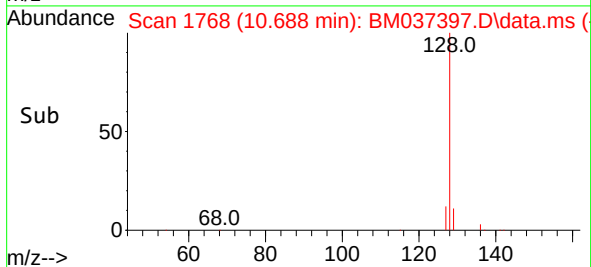
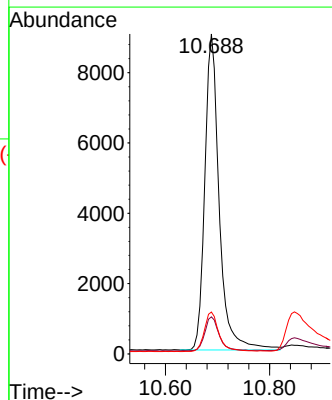
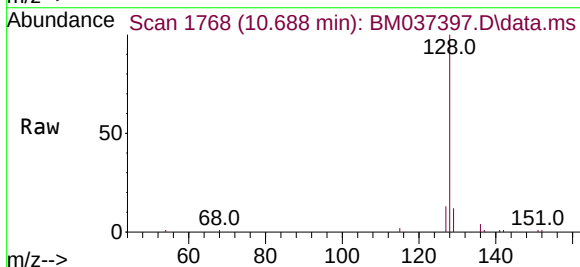
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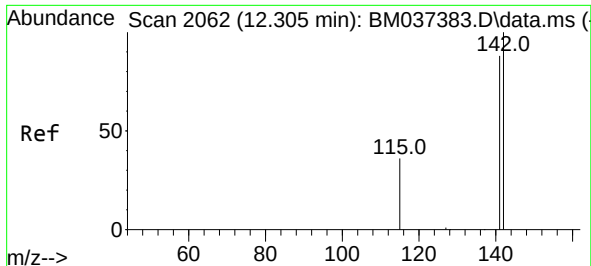
Tgt Ion: 88 Resp: 10618
 Ion Ratio Lower Upper
 88 100
 43 34.5 39.9 59.9#
 58 71.4 50.2 75.2



#5
 Naphthalene
 Concen: 0.391 ng/ul
 RT: 10.688 min Scan# 1768
 Delta R.T. 0.000 min
 Lab File: BM037397.D
 Acq: 07 Nov 2022 18:26

Tgt Ion: 128 Resp: 17278
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.2 13.8
 127 13.1 10.2 15.4

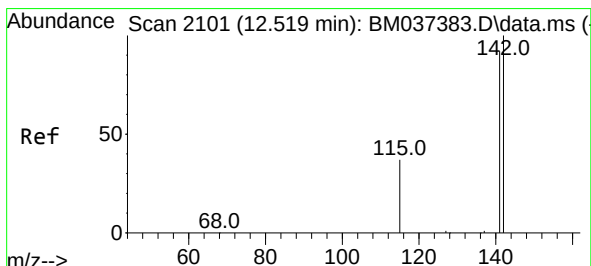
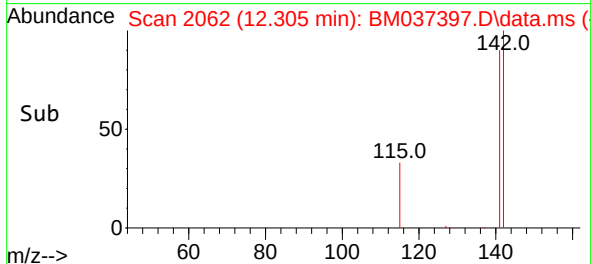
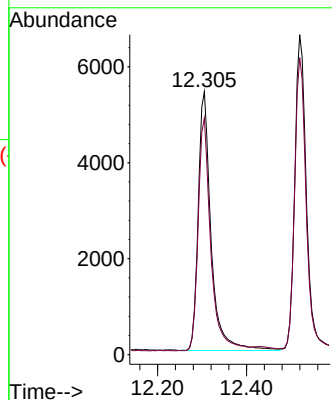
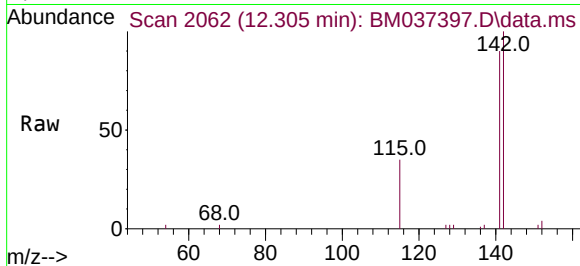




#7
2-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.305 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BM037397.D
Acq: 07 Nov 2022 18:26

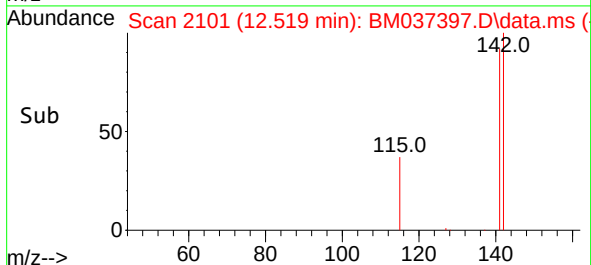
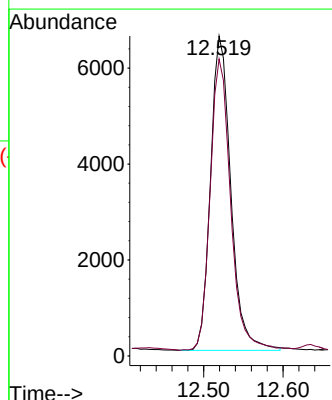
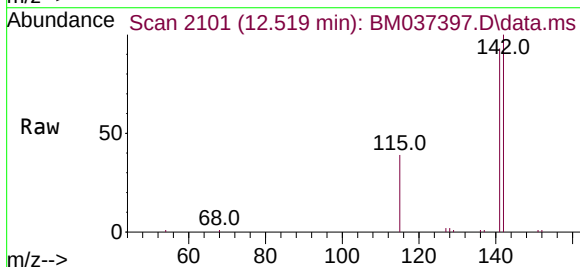
Instrument :
BNA_M
ClientSampleId :
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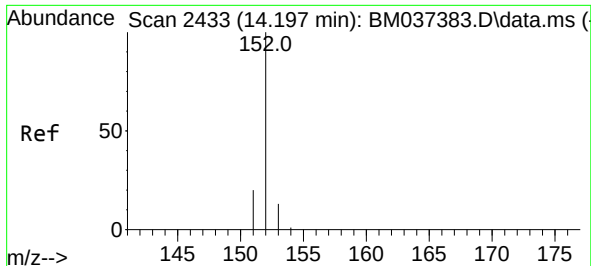
Tgt Ion:142 Resp: 10854
Ion Ratio Lower Upper
142 100
141 90.6 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM037397.D
Acq: 07 Nov 2022 18:26

Tgt Ion:142 Resp: 11681
Ion Ratio Lower Upper
142 100
141 92.7 73.9 110.9

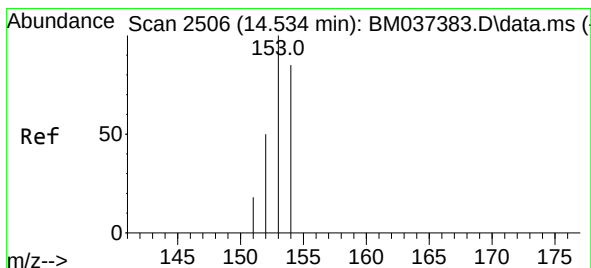
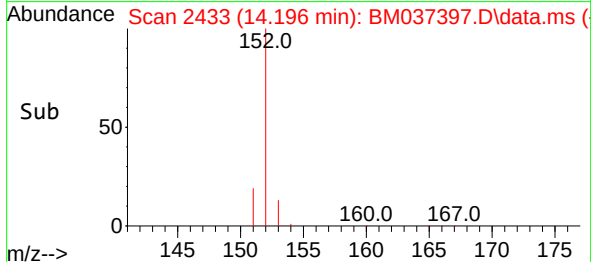
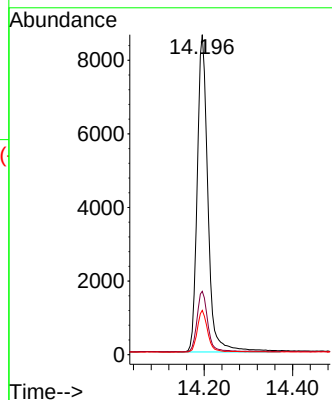
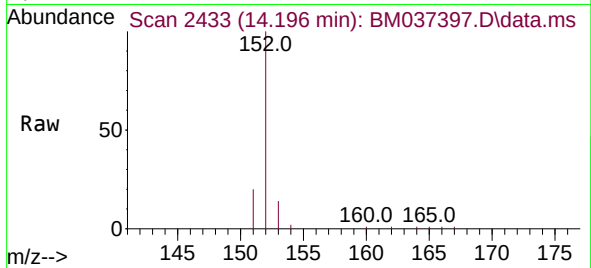




#10
Acenaphthylene
Concen: 0.389 ng/ul
RT: 14.196 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BM037397.D
Acq: 07 Nov 2022 18:26

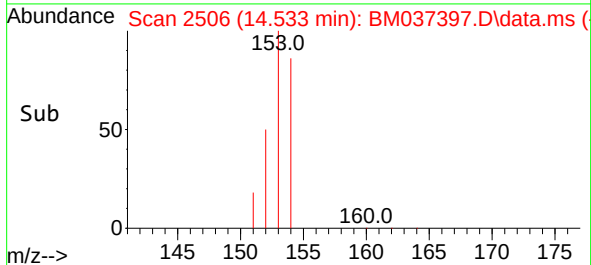
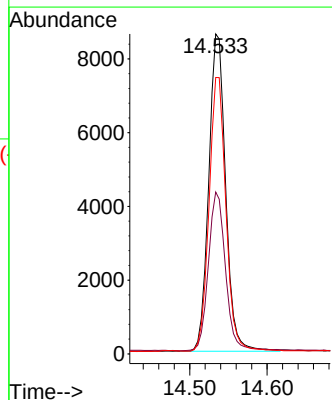
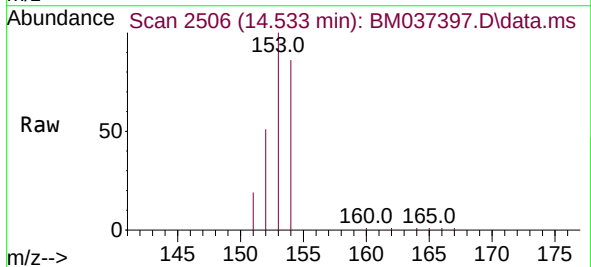
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ClientSampleId :
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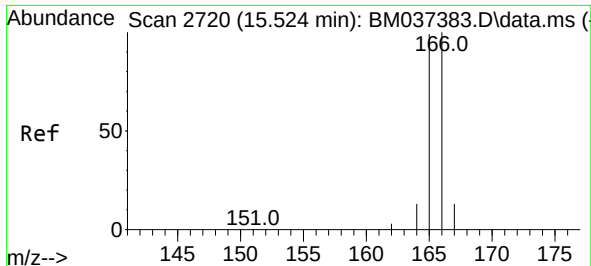
Tgt Ion:152 Resp: 14502
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.8 11.0 16.4



#11
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.533 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BM037397.D
Acq: 07 Nov 2022 18:26

Tgt Ion:153 Resp: 13061
Ion Ratio Lower Upper
153 100
152 50.6 40.2 60.4
154 86.4 70.4 105.6

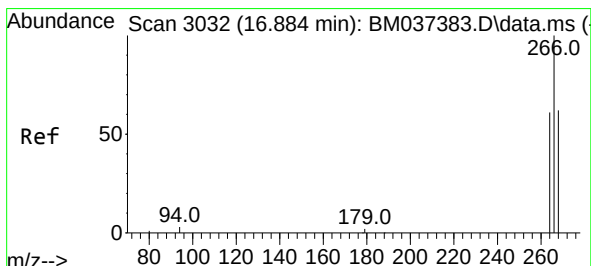
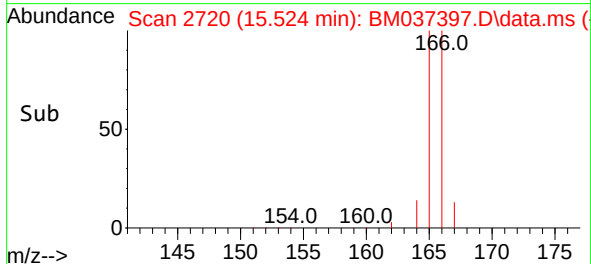
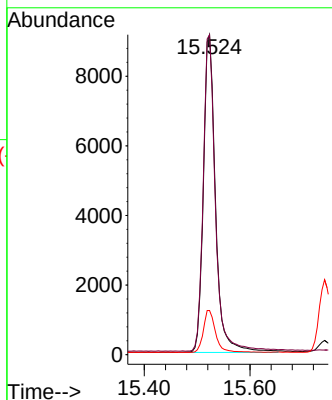
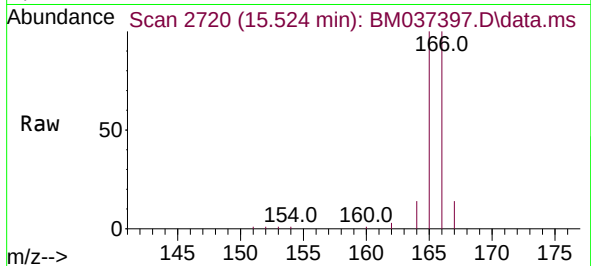




#12
 Fluorene
 Concen: 0.387 ng/ul
 RT: 15.524 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM037397.D
 Acq: 07 Nov 2022 18:26

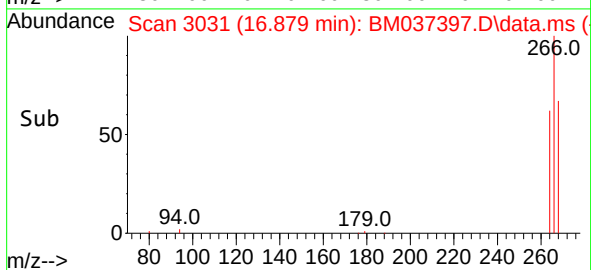
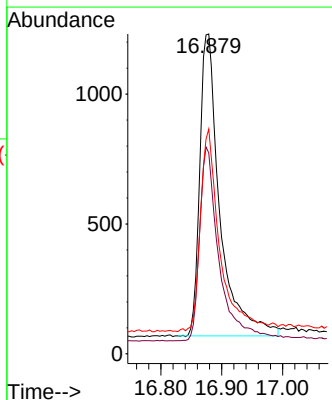
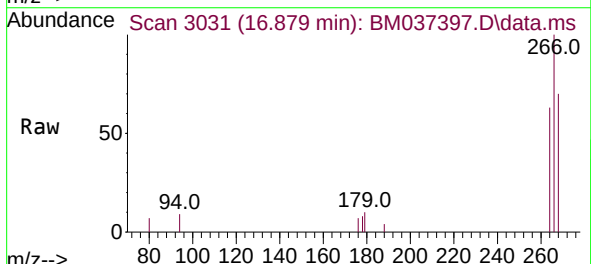
Instrument :
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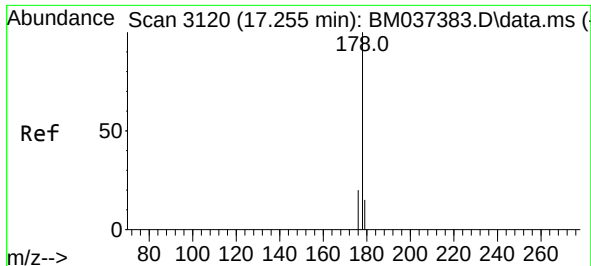
Tgt Ion:	166	Resp:	14582
Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.0	118.4
167	13.8	11.1	16.7



#14
 Pentachlorophenol
 Concen: 0.562 ng/ul
 RT: 16.879 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: BM037397.D
 Acq: 07 Nov 2022 18:26

Tgt Ion:	266	Resp:	2663
Ion	Ratio	Lower	Upper
266	100		
264	62.4	49.9	74.9
268	65.7	51.9	77.9

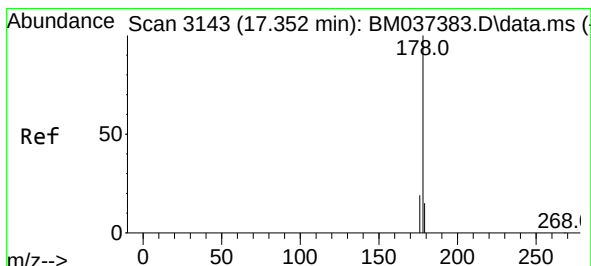
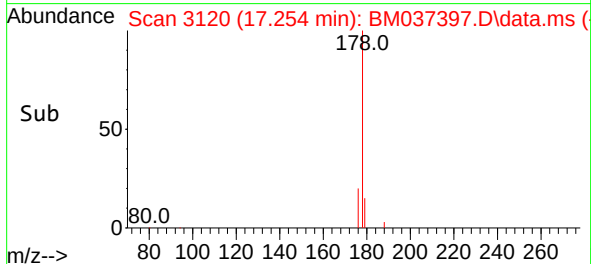
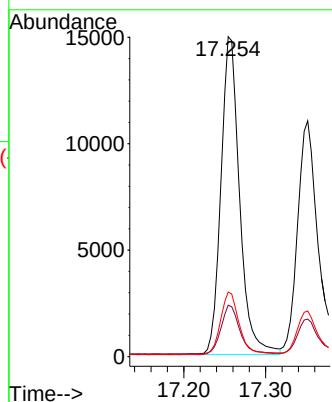
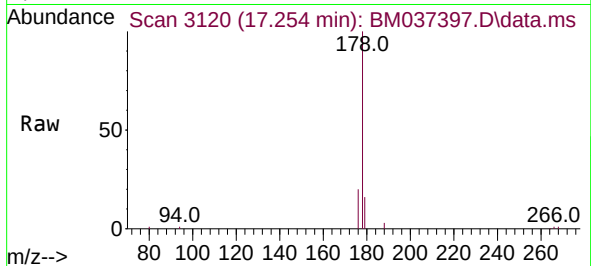




#15
Phenanthrene
Concen: 0.385 ng/ul
RT: 17.254 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BM037397.D
Acq: 07 Nov 2022 18:26

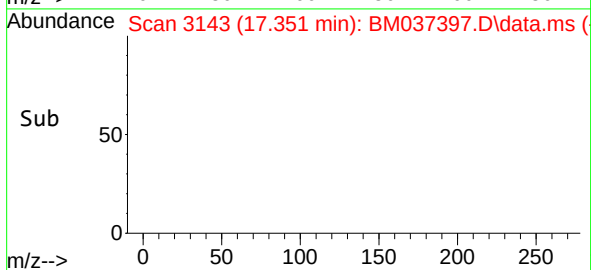
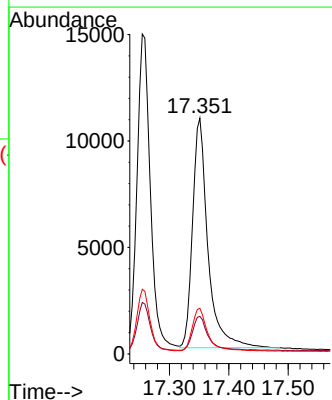
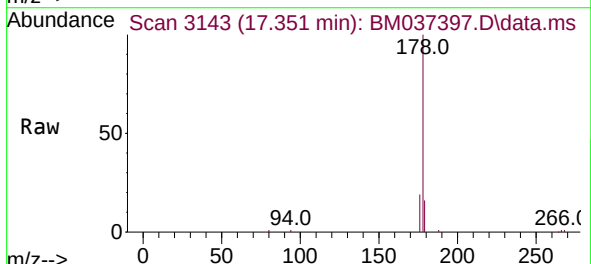
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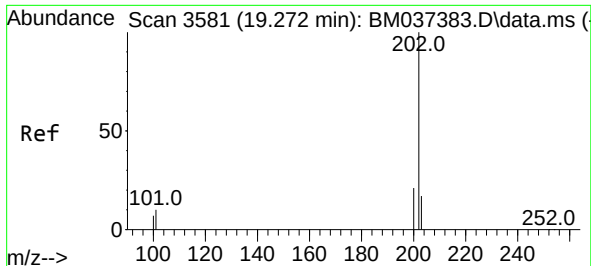
Tgt Ion:178 Resp: 23624
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 20.2 16.0 24.0



#16
Anthracene
Concen: 0.387 ng/ul
RT: 17.351 min Scan# 3143
Delta R.T. 0.000 min
Lab File: BM037397.D
Acq: 07 Nov 2022 18:26

Tgt Ion:178 Resp: 19358
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 19.4 15.5 23.3

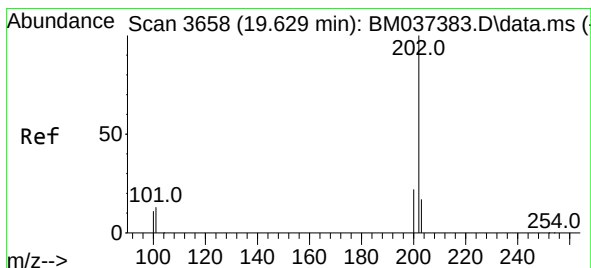
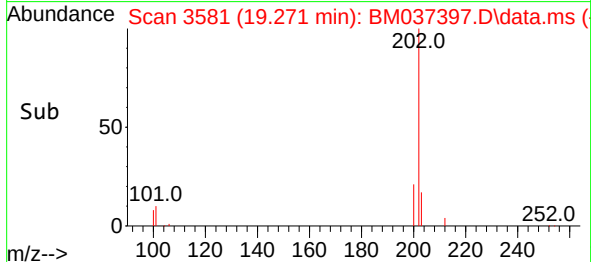
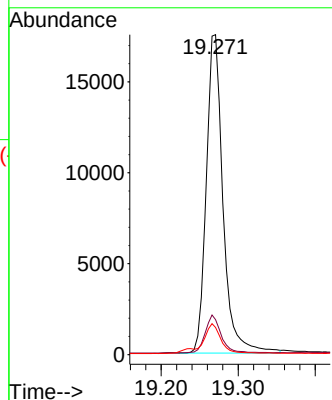
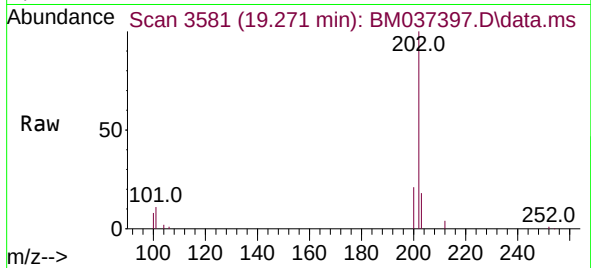




#19
Fluoranthene
Concen: 0.430 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. 0.000 min
Lab File: BM037397.D
Acq: 07 Nov 2022 18:26

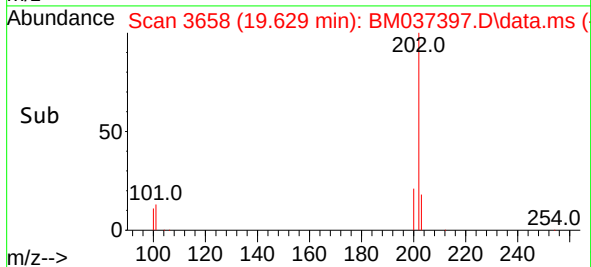
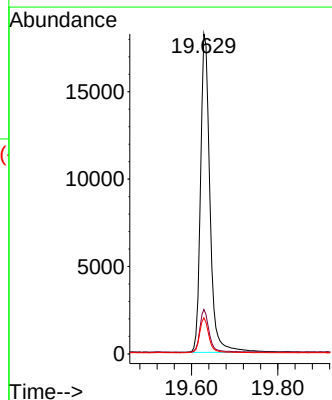
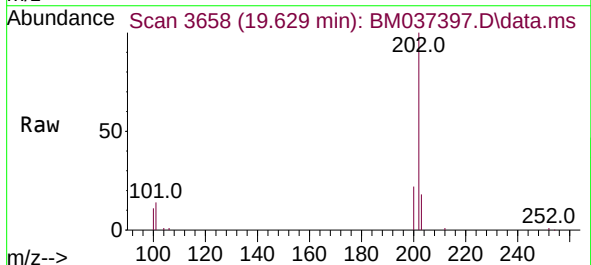
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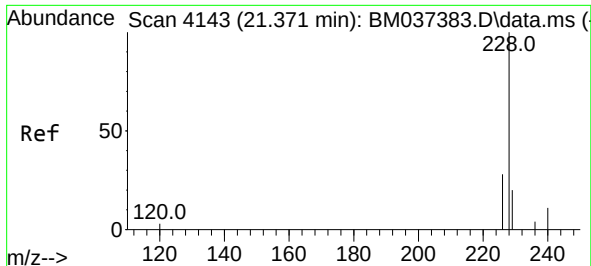
Tgt Ion:202 Resp: 26436
Ion Ratio Lower Upper
202 100
101 10.9 8.7 13.1
100 8.5 6.6 10.0



#20
Pyrene
Concen: 0.430 ng/ul
RT: 19.629 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BM037397.D
Acq: 07 Nov 2022 18:26

Tgt Ion:202 Resp: 27718
Ion Ratio Lower Upper
202 100
101 13.9 11.1 16.7
100 11.3 9.0 13.4

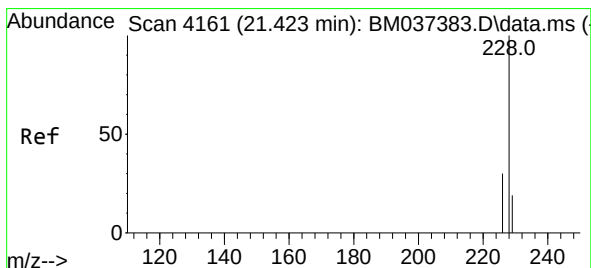
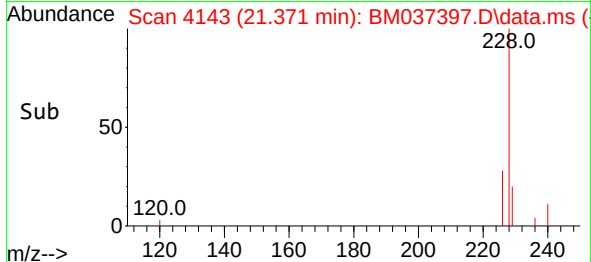
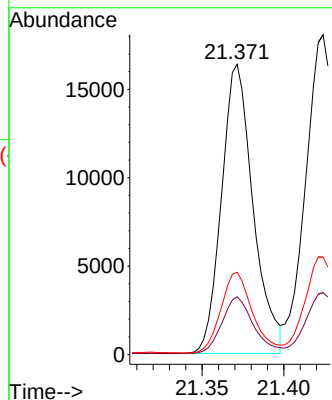
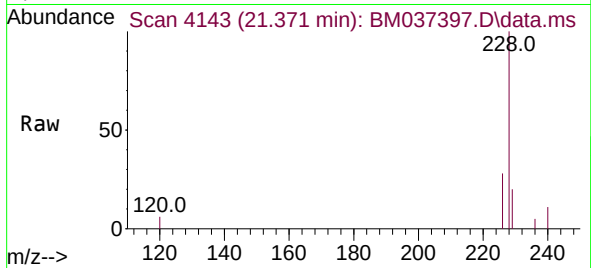




#21
Benzo(a)anthracene
Concen: 0.393 ng/ul
RT: 21.371 min Scan# 4143
Delta R.T. 0.003 min
Lab File: BM037397.D
Acq: 07 Nov 2022 18:26

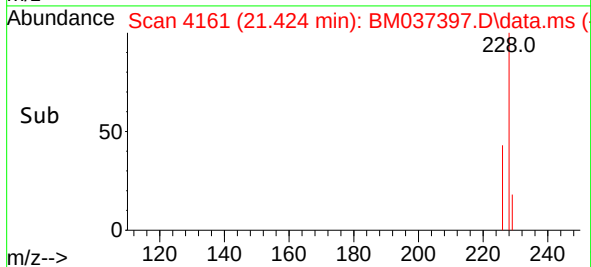
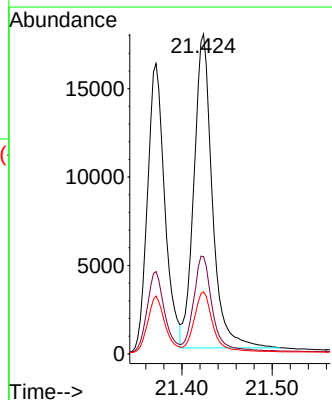
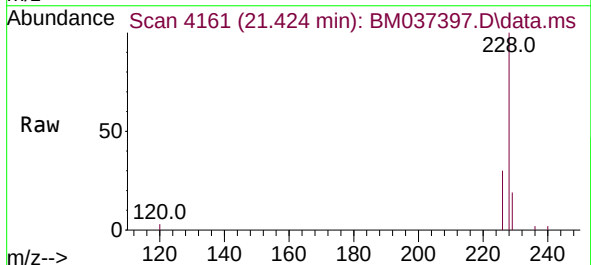
Instrument :
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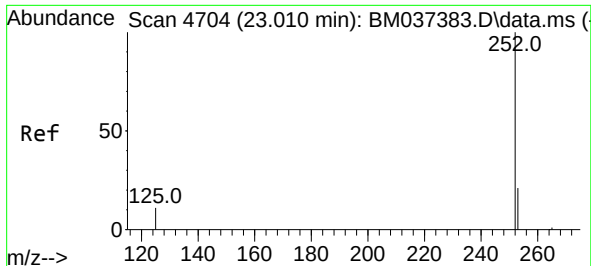
Tgt Ion:228 Resp: 21990
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 28.4 22.6 33.8



#22
Chrysene
Concen: 0.402 ng/ul
RT: 21.424 min Scan# 4161
Delta R.T. 0.000 min
Lab File: BM037397.D
Acq: 07 Nov 2022 18:26

Tgt Ion:228 Resp: 25101
Ion Ratio Lower Upper
228 100
226 30.4 24.8 37.2
229 19.4 15.6 23.4

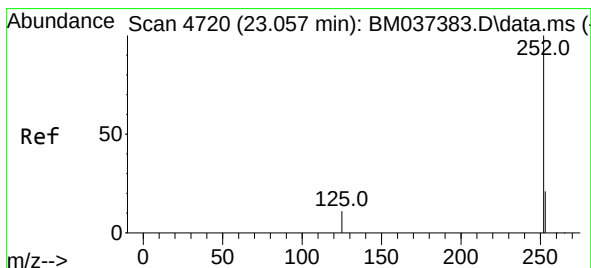
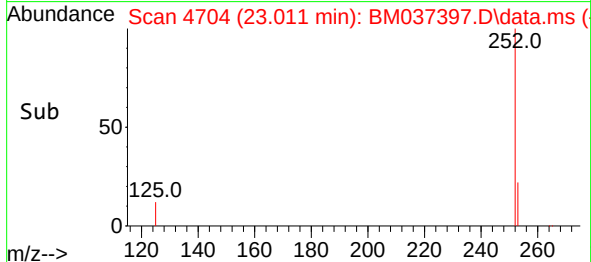
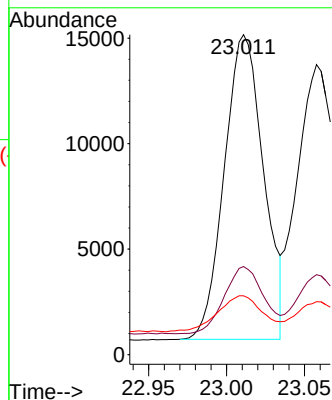
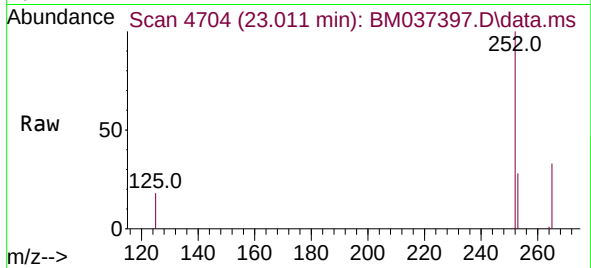




#24
Benzo(b)fluoranthene
Concen: 0.426 ng/ul
RT: 23.011 min Scan# 4704
Delta R.T. 0.000 min
Lab File: BM037397.D
Acq: 07 Nov 2022 18:26

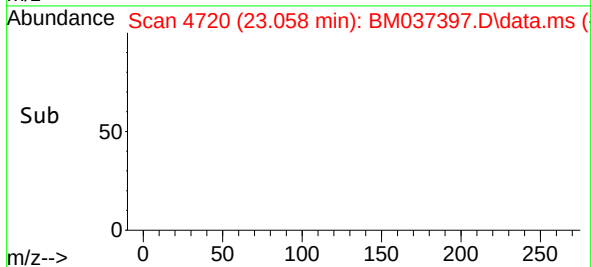
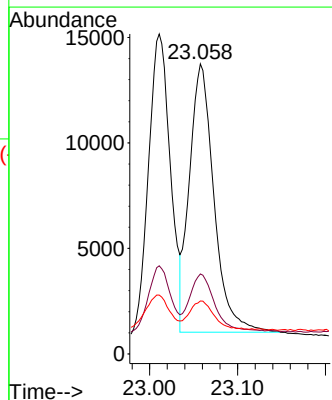
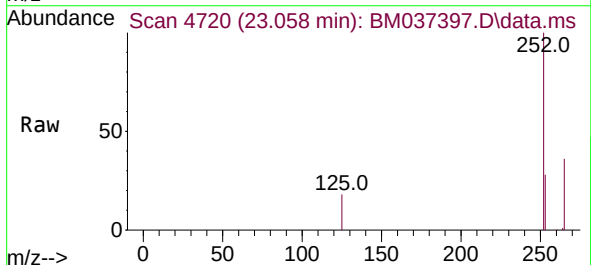
Instrument :
BNA_M
ClientSampleId :
SLCS649

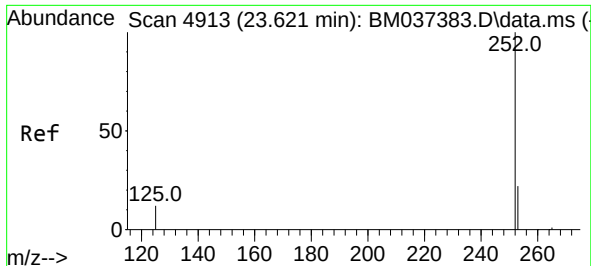
Tgt Ion:252 Resp: 25304
Ion Ratio Lower Upper
252 100
253 27.5 0.0 52.6
125 18.4 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.434 ng/ul
RT: 23.058 min Scan# 4720
Delta R.T. 0.000 min
Lab File: BM037397.D
Acq: 07 Nov 2022 18:26

Tgt Ion:252 Resp: 24664
Ion Ratio Lower Upper
252 100
253 27.5 21.6 32.4
125 18.3 13.8 20.8

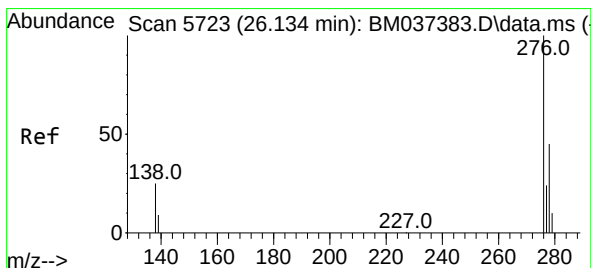
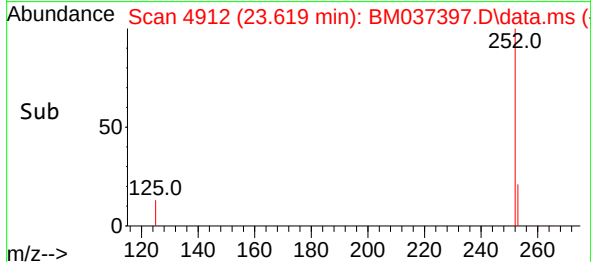
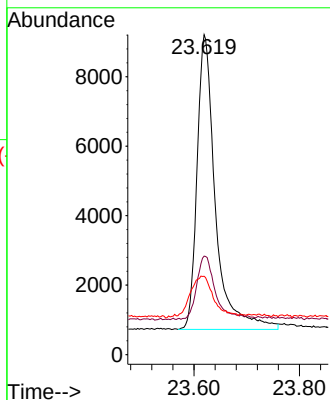
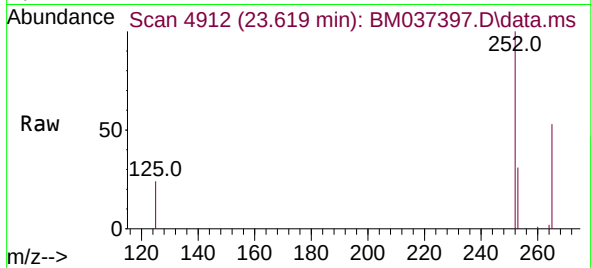




#26
Benzo(a)pyrene
Concen: 0.413 ng/ul
RT: 23.619 min Scan# 4913
Delta R.T. 0.000 min
Lab File: BM037397.D
Acq: 07 Nov 2022 18:26

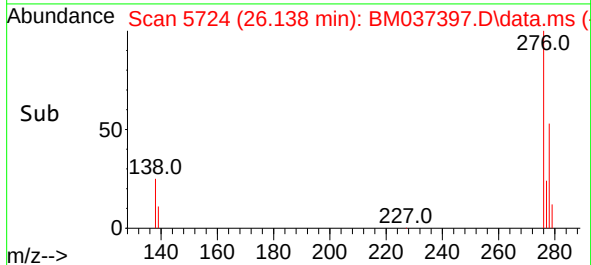
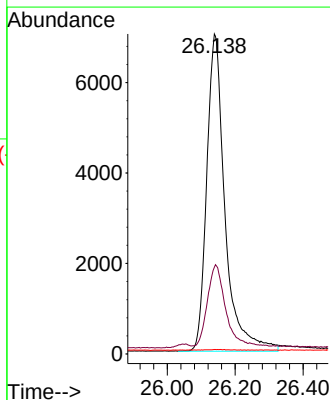
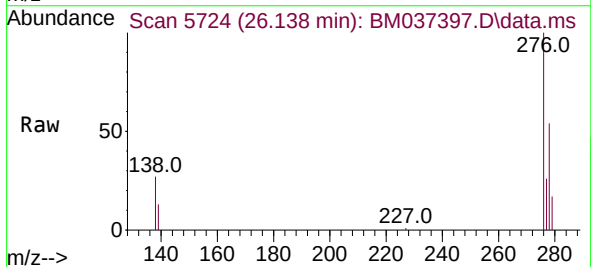
Instrument :
BNA_M
ClientSampleId :
SLCS649

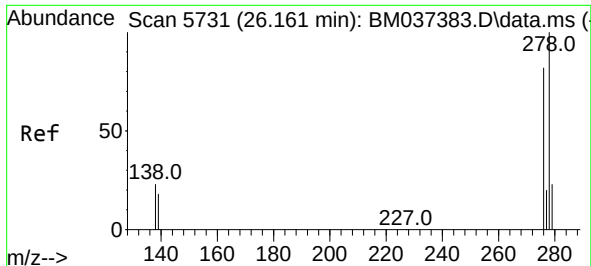
Tgt Ion:	252	Resp:	20502
Ion Ratio	Lower	Upper	
252	100		
253	30.8	23.8	35.6
125	24.5	17.2	25.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng/ul
RT: 26.138 min Scan# 5724
Delta R.T. 0.000 min
Lab File: BM037397.D
Acq: 07 Nov 2022 18:26

Tgt Ion:	276	Resp:	26155
Ion Ratio	Lower	Upper	
276	100		
138	26.1	20.8	31.2
227	0.2	0.1	0.1

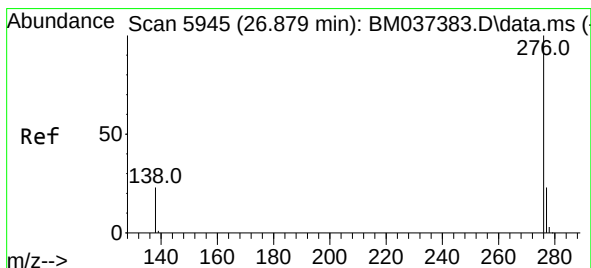
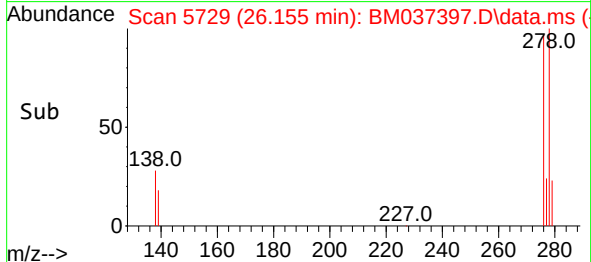
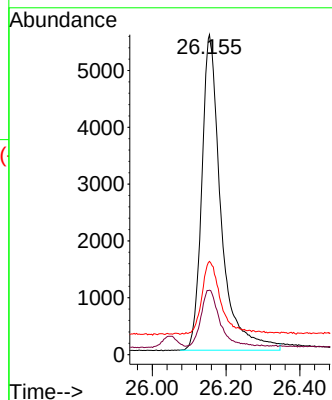
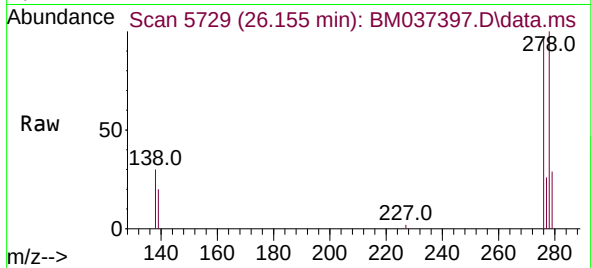




#28
 Dibenzo(a,h)anthracene
 Concen: 0.395 ng/ul
 RT: 26.155 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BM037397.D
 Acq: 07 Nov 2022 18:26

Instrument :
 BNA_M
 ClientSampleId :
 SLCS649

Tgt Ion:278 Resp: 20101
 Ion Ratio Lower Upper
 278 100
 139 20.1 15.2 22.8
 279 29.1 22.2 33.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.394 ng/ul
 RT: 26.883 min Scan# 5946
 Delta R.T. 0.003 min
 Lab File: BM037397.D
 Acq: 07 Nov 2022 18:26

Tgt Ion:276 Resp: 22518
 Ion Ratio Lower Upper
 276 100
 138 24.6 19.6 29.4
 277 25.5 20.1 30.1

