

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032937.D
 Acq On : 10 Nov 2021 05:48
 Operator : CG/JU
 Sample : PB140620BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS620

Quant Time: Nov 10 06:19:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 09 13:31:56 2021
 Response via : Initial Calibration

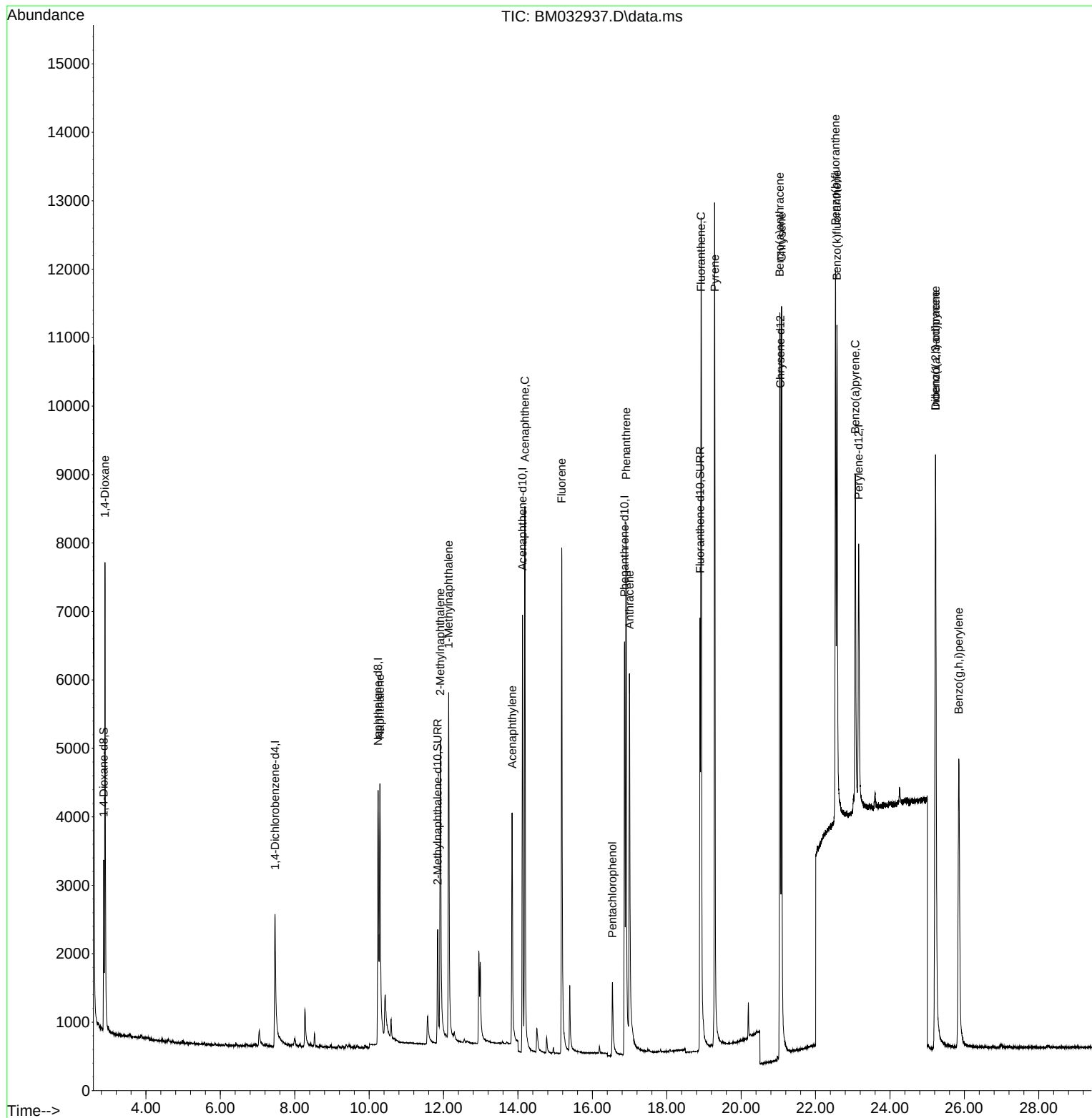
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.469	152	1710	0.400	ng/ul	0.00
4) Naphthalene-d8	10.239	136	6308	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.121	164	3630	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.865	188	7624	0.400	ng/ul	0.00
17) Chrysene-d12	21.052	240	6308	0.400	ng/ul	0.00
23) Perylene-d12	23.159	264	5156	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.867	96	1584	0.725	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.840	152	3005	0.335	ng/ul	0.00
18) Fluoranthene-d10	18.892	212	7218	0.377	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.898	88	4384	1.955	ng/ul#	89
5) Naphthalene	10.289	128	6343	0.346	ng/ul	99
7) 2-Methylnaphthalene	11.912	142	4201	0.331	ng/ul	99
8) 1-Methylnaphthalene	12.137	142	4035	0.325	ng/ul	100
10) Acenaphthylene	13.842	152	5318	0.337	ng/ul	99
11) Acenaphthene	14.186	153	4874	0.354	ng/ul	99
12) Fluorene	15.175	166	5651	0.348	ng/ul	99
14) Pentachlorophenol	16.539	266	1006	0.506	ng/ul	99
15) Phenanthrene	16.907	178	9182	0.363	ng/ul	99
16) Anthracene	16.997	178	7518	0.338	ng/ul	99
19) Fluoranthene	18.923	202	11057	0.374	ng/ul	97
20) Pyrene	19.289	202	11465	0.372	ng/ul	99
21) Benzo(a)anthracene	21.037	228	8481	0.364	ng/ul	99
22) Chrysene	21.086	228	10259	0.391	ng/ul	100
24) Benzo(b)fluoranthene	22.536	252	9397	0.397	ng/ul	98
25) Benzo(k)fluoranthene	22.575	252	10158	0.401	ng/ul	96
26) Benzo(a)pyrene	23.066	252	7561	0.388	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.225	276	9219	0.411	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.225	278	7340	0.413	ng/ul	98
29) Benzo(g,h,i)perylene	25.850	276	8341	0.428	ng/ul	100

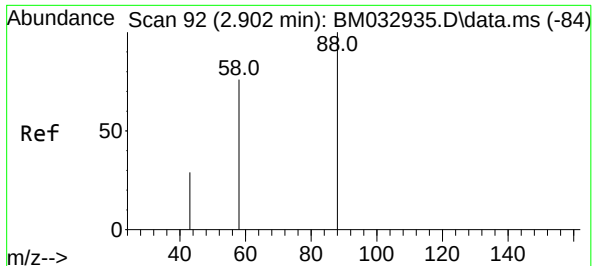
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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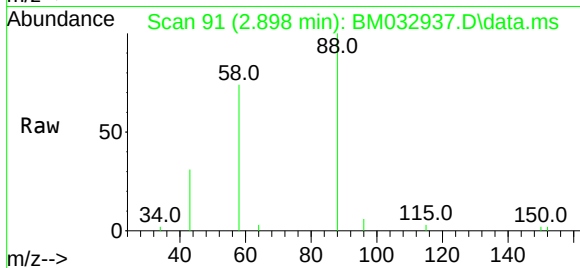
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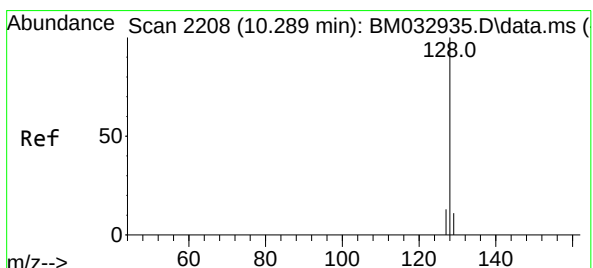
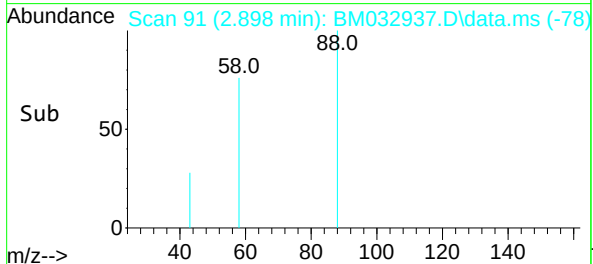
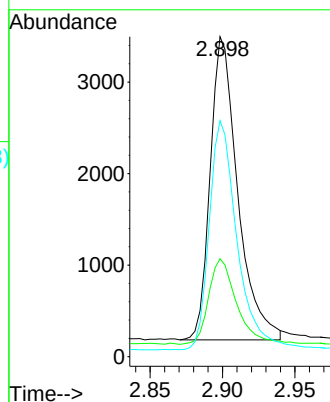
#2
 1,4-Dioxane
 Concen: 1.955 ng/ul
 RT: 2.898 min Scan# 91
 Delta R.T. -0.004 min
 Lab File: BM032937.D
 Acq: 10 Nov 2021 05:48

Instrument :
 BNA_M
 ClientSampleId :
 SLCS620



Tgt Ion: 88 Resp: 4384

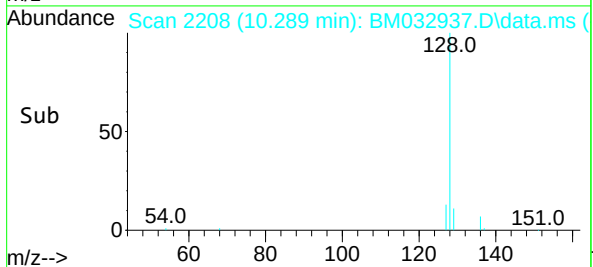
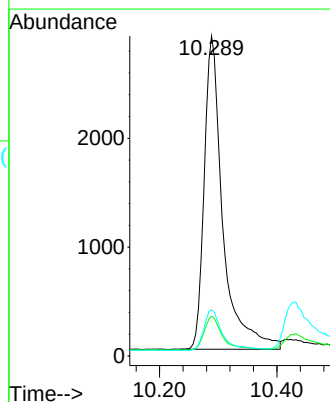
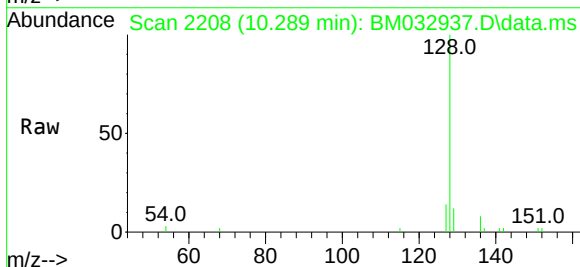
Ion	Ratio	Lower	Upper
88	100		
43	30.6	35.8	53.8#
58	73.7	55.8	83.8

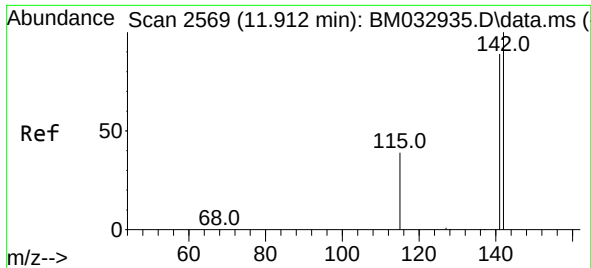


#5
 Naphthalene
 Concen: 0.346 ng/ul
 RT: 10.289 min Scan# 2208
 Delta R.T. -0.001 min
 Lab File: BM032937.D
 Acq: 10 Nov 2021 05:48

Tgt Ion: 128 Resp: 6343

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.8	14.6
127	14.5	11.8	17.8

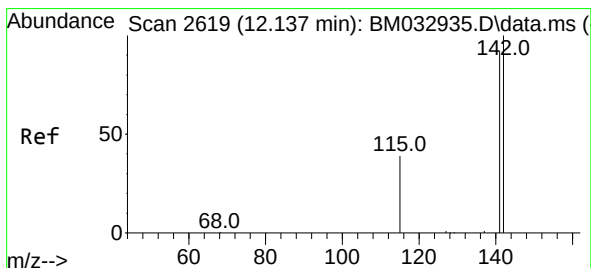
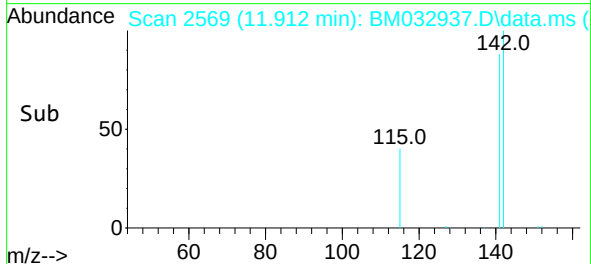
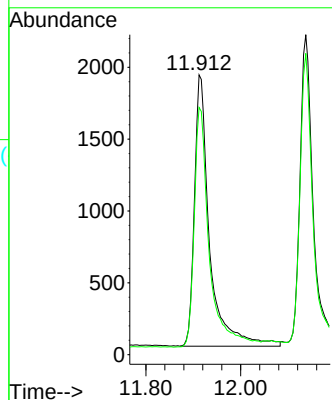
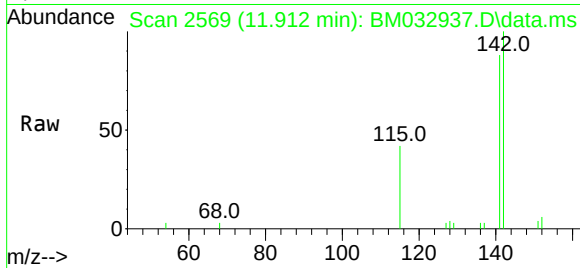




#7
2-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 11.912 min Scan# 2569
Delta R.T. -0.001 min
Lab File: BM032937.D
Acq: 10 Nov 2021 05:48

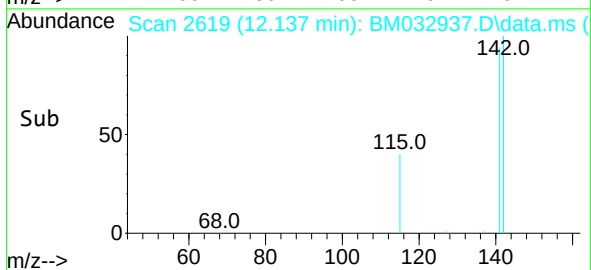
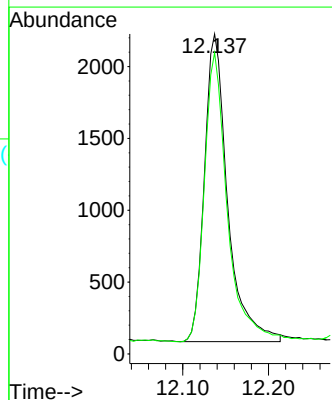
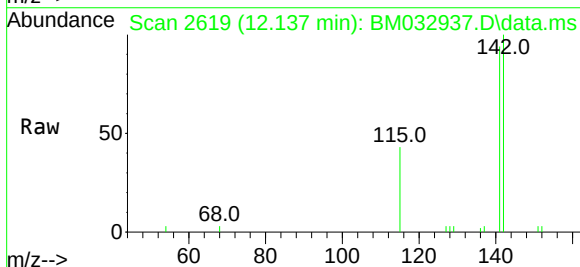
Instrument :
BNA_M
ClientSampleId :
SLCS620

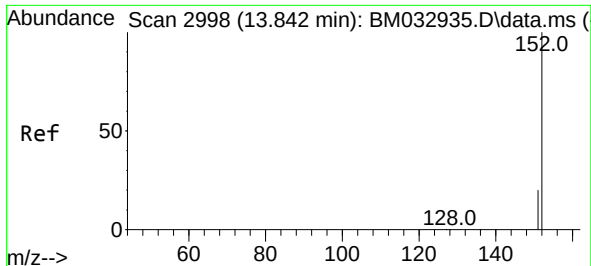
Tgt Ion:142 Resp: 4201
Ion Ratio Lower Upper
142 100
141 90.9 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.325 ng/ul
RT: 12.137 min Scan# 2619
Delta R.T. -0.001 min
Lab File: BM032937.D
Acq: 10 Nov 2021 05:48

Tgt Ion:142 Resp: 4035
Ion Ratio Lower Upper
142 100
141 92.9 74.5 111.7

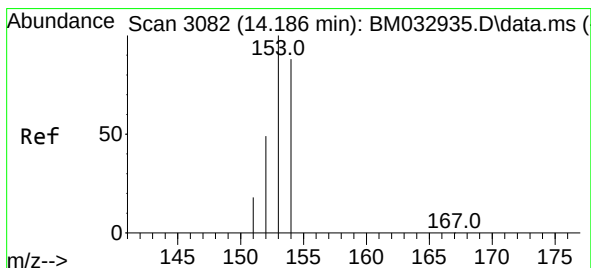
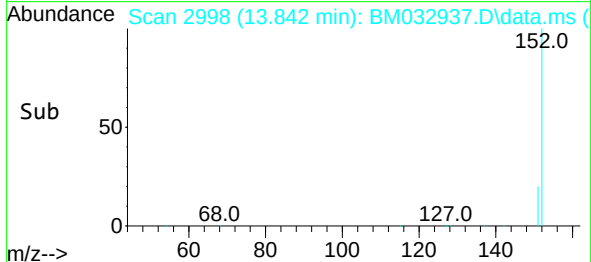
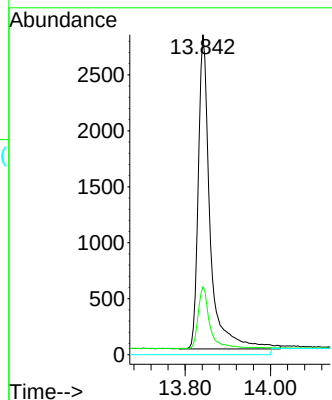
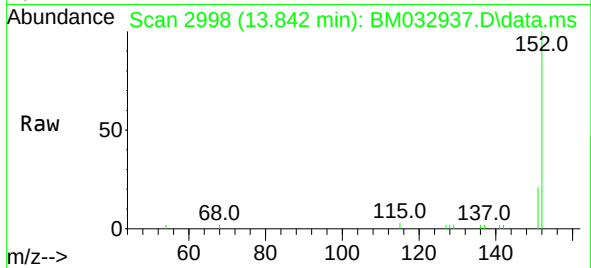




#10
Acenaphthylene
Concen: 0.337 ng/ul
RT: 13.842 min Scan# 2998
Delta R.T. -0.001 min
Lab File: BM032937.D
Acq: 10 Nov 2021 05:48

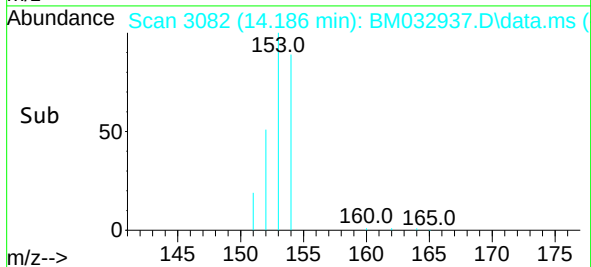
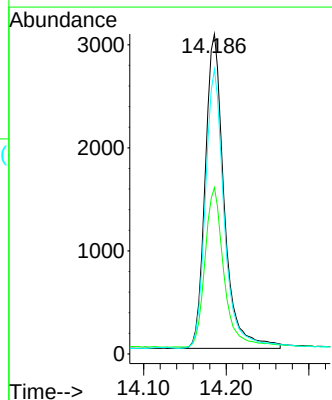
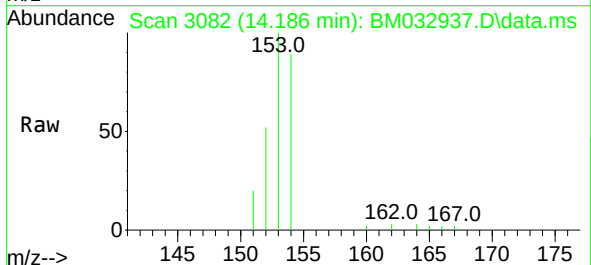
Instrument :
BNA_M
ClientSampleId :
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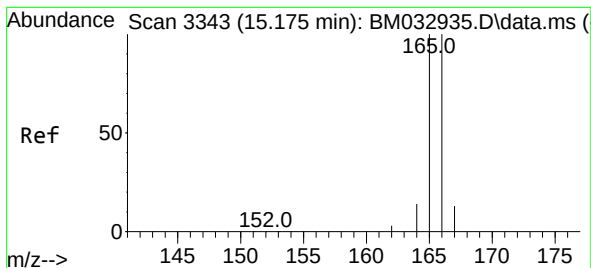
Tgt Ion:152 Resp: 5318
Ion Ratio Lower Upper
152 100
151 21.2 16.7 25.1
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.354 ng/ul
RT: 14.186 min Scan# 3082
Delta R.T. -0.001 min
Lab File: BM032937.D
Acq: 10 Nov 2021 05:48

Tgt Ion:153 Resp: 4874
Ion Ratio Lower Upper
153 100
152 52.0 40.6 60.8
154 89.0 70.8 106.2





#12

Fluorene

Concen: 0.348 ng/ul

RT: 15.175 min Scan# 31

Delta R.T. -0.001 min

Lab File: BM032937.D

Acq: 10 Nov 2021 05:48

Instrument :

BNA_M

ClientSampleId :

SLCS620

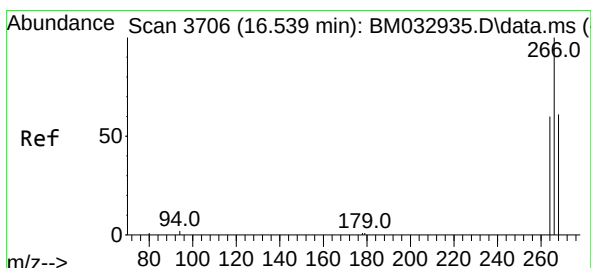
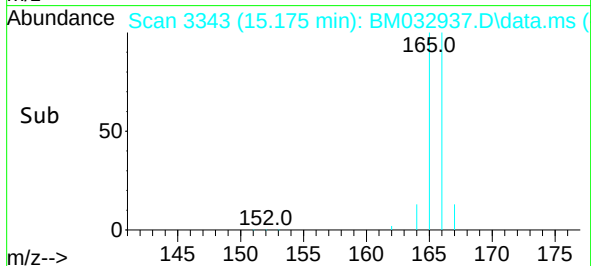
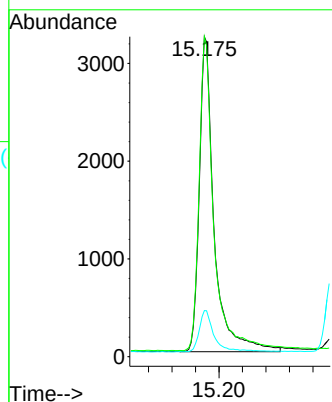
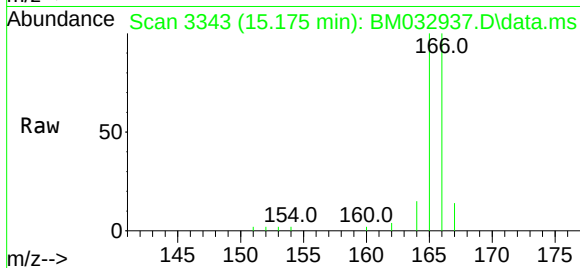
Tgt Ion:166 Resp: 5651

Ion Ratio Lower Upper

166 100

165 100.0 80.8 121.2

167 14.4 11.7 17.5



#14

Pentachlorophenol

Concen: 0.506 ng/ul

RT: 16.539 min Scan# 3706

Delta R.T. -0.004 min

Lab File: BM032937.D

Acq: 10 Nov 2021 05:48

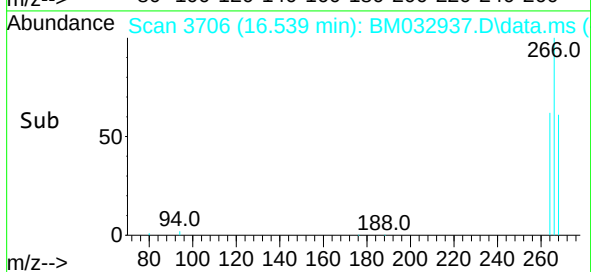
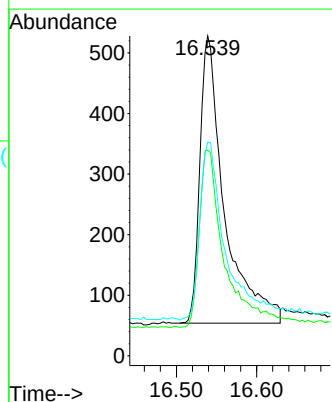
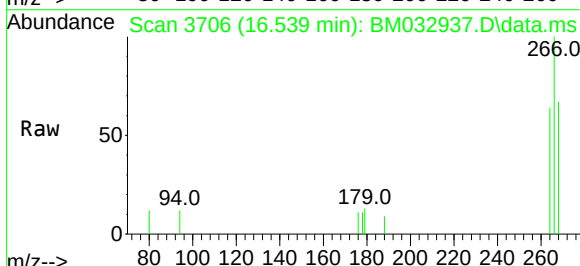
Tgt Ion:266 Resp: 1006

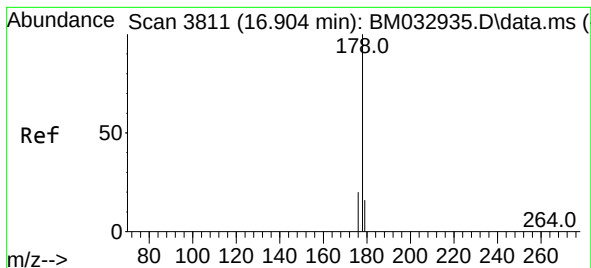
Ion Ratio Lower Upper

266 100

264 63.0 51.2 76.8

268 65.0 52.9 79.3





#15

Phenanthrene

Concen: 0.363 ng/u1

RT: 16.907 min Scan# 3811

Delta R.T. -0.001 min

Lab File: BM032937.D

Acq: 10 Nov 2021 05:48

Instrument :

BNA_M

ClientSampleId :

SLCS620

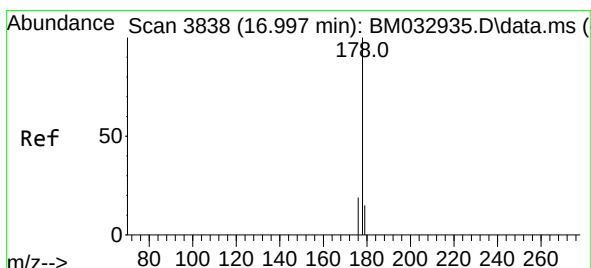
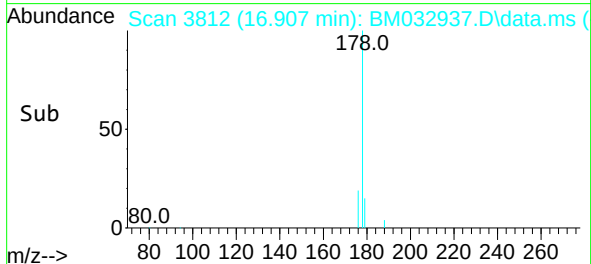
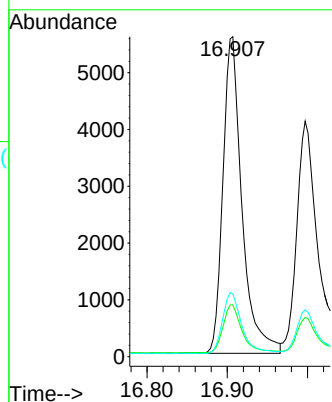
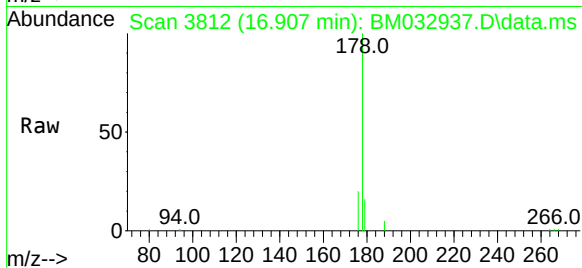
Tgt Ion:178 Resp: 9182

Ion Ratio Lower Upper

178 100

179 16.2 12.9 19.3

176 19.6 16.0 24.0



#16

Anthracene

Concen: 0.338 ng/u1

RT: 16.997 min Scan# 3838

Delta R.T. -0.001 min

Lab File: BM032937.D

Acq: 10 Nov 2021 05:48

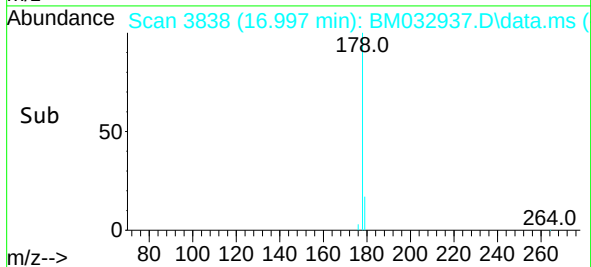
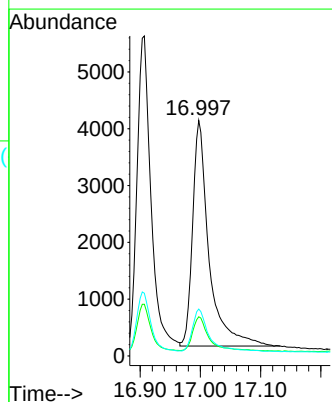
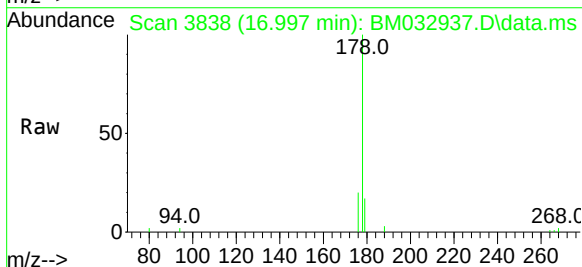
Tgt Ion:178 Resp: 7518

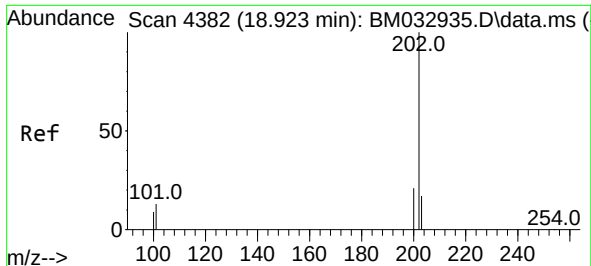
Ion Ratio Lower Upper

178 100

179 16.6 13.0 19.6

176 19.9 15.6 23.4

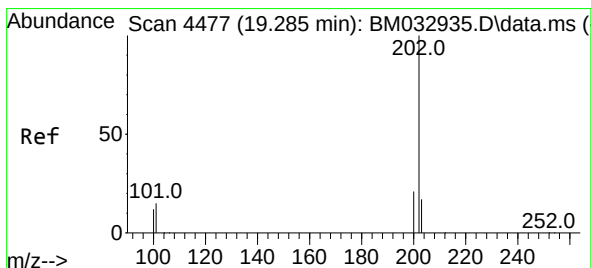
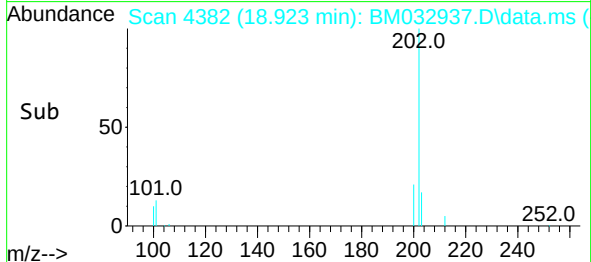
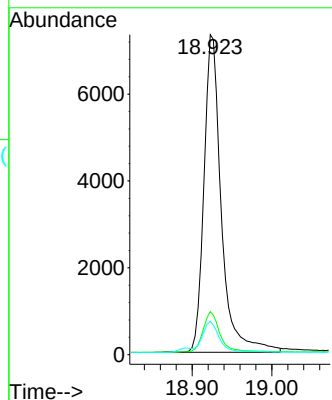
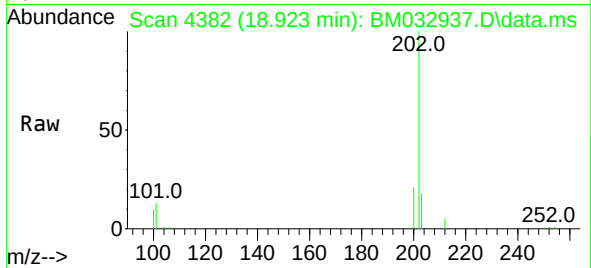




#19
Fluoranthene
Concen: 0.374 ng/ul
RT: 18.923 min Scan# 41
Delta R.T. -0.005 min
Lab File: BM032937.D
Acq: 10 Nov 2021 05:48

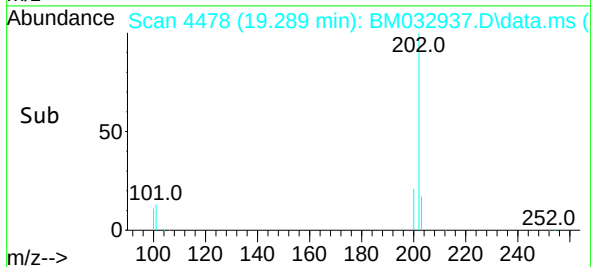
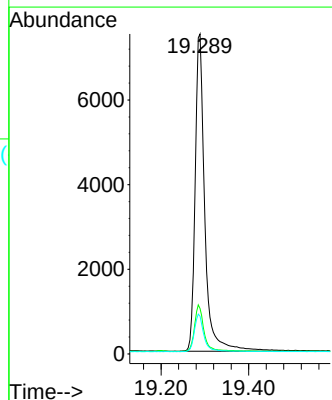
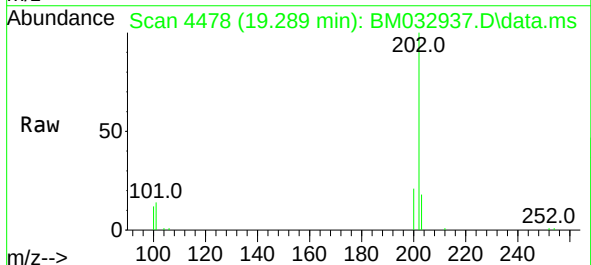
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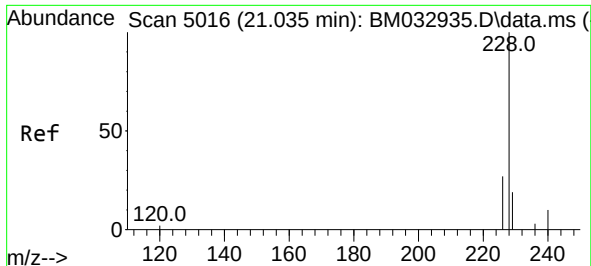
Tgt Ion:202 Resp: 11057
Ion Ratio Lower Upper
202 100
101 13.4 9.9 14.9
100 10.4 7.3 10.9



#20
Pyrene
Concen: 0.372 ng/ul
RT: 19.289 min Scan# 4478
Delta R.T. -0.001 min
Lab File: BM032937.D
Acq: 10 Nov 2021 05:48

Tgt Ion:202 Resp: 11465
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.6
100 11.8 9.5 14.3

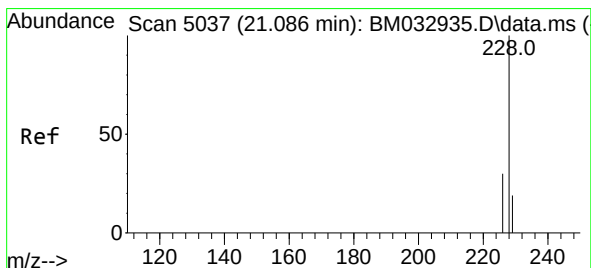
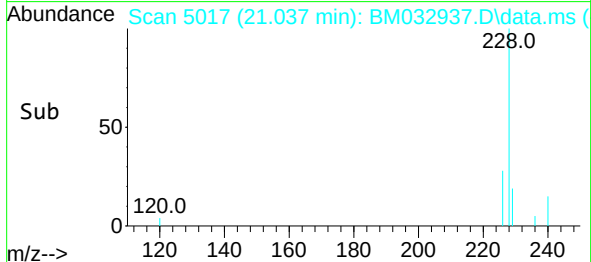
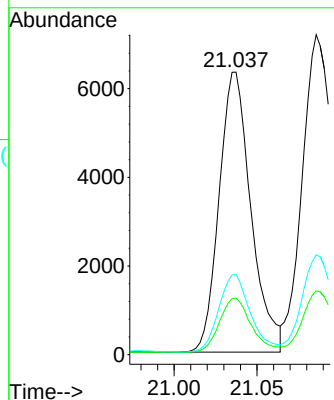
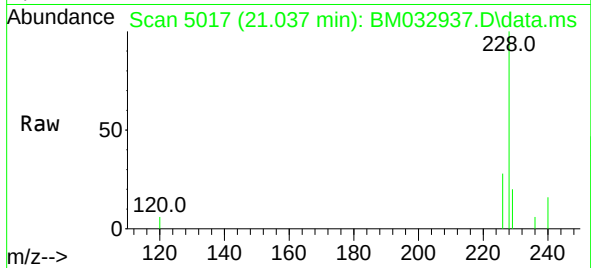




#21
Benzo(a)anthracene
Concen: 0.364 ng/ul
RT: 21.037 min Scan# 5016
Delta R.T. -0.001 min
Lab File: BM032937.D
Acq: 10 Nov 2021 05:48

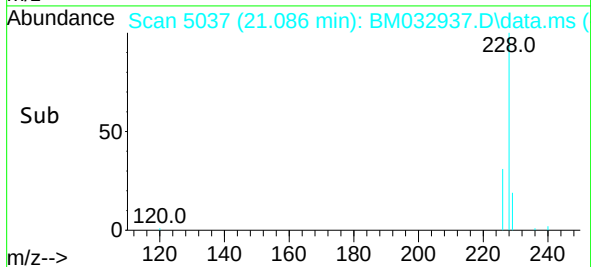
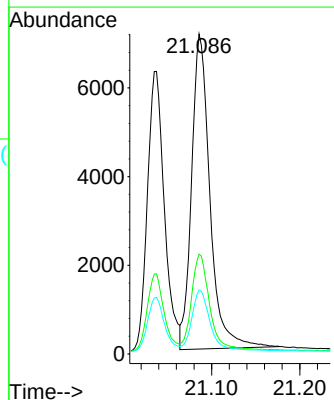
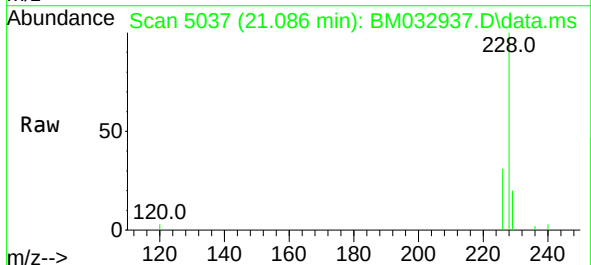
Instrument :
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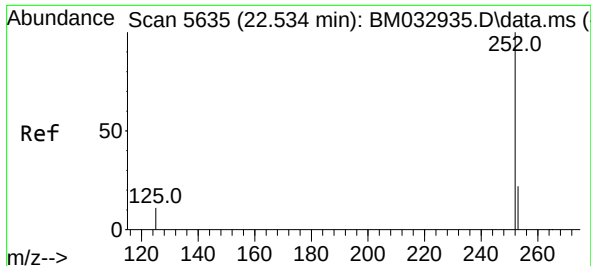
Tgt Ion:228	Resp:	8481
Ion Ratio	Lower	Upper
228	100	
229	20.1	15.7 23.5
226	28.4	22.4 33.6



#22
Chrysene
Concen: 0.391 ng/ul
RT: 21.086 min Scan# 5037
Delta R.T. -0.006 min
Lab File: BM032937.D
Acq: 10 Nov 2021 05:48

Tgt Ion:228	Resp:	10259
Ion Ratio	Lower	Upper
228	100	
226	31.2	24.9 37.3
229	20.0	16.1 24.1

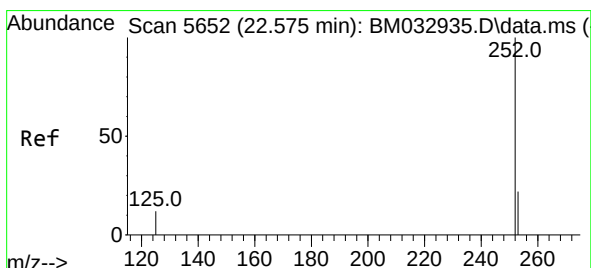
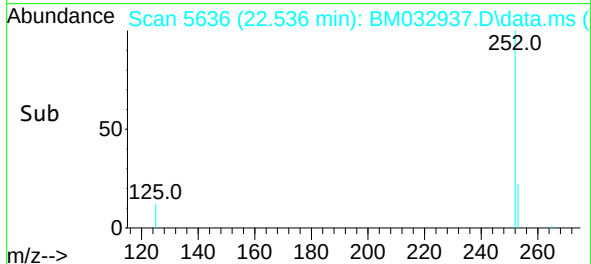
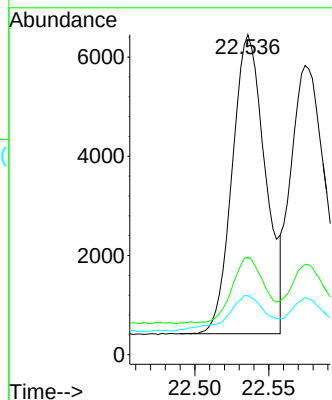
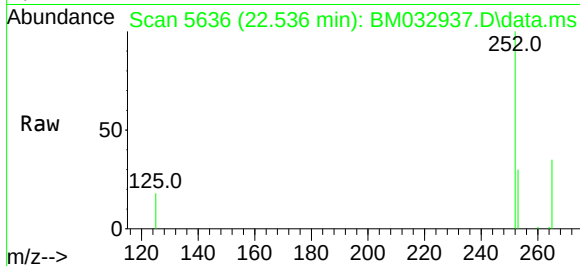




#24
Benzo(b)fluoranthene
Concen: 0.397 ng/ul
RT: 22.536 min Scan# 5636
Delta R.T. -0.006 min
Lab File: BM032937.D
Acq: 10 Nov 2021 05:48

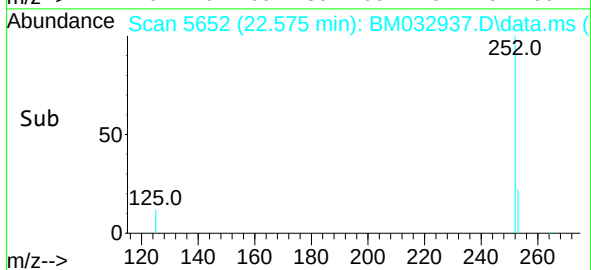
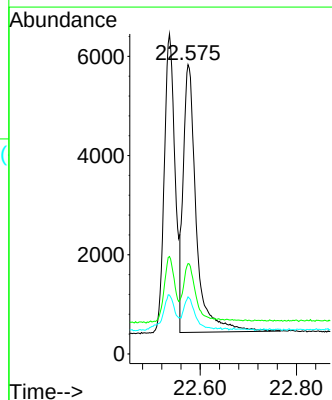
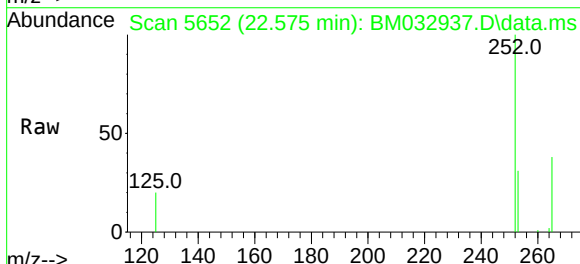
Instrument :
BNA_M
ClientSampleId :
SLCS620

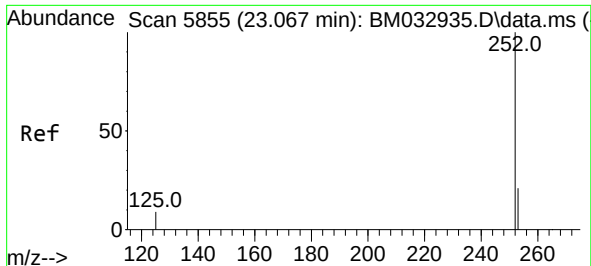
Tgt Ion:252 Resp: 9397
Ion Ratio Lower Upper
252 100
253 30.5 0.0 59.2
125 18.4 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.401 ng/ul
RT: 22.575 min Scan# 5652
Delta R.T. -0.008 min
Lab File: BM032937.D
Acq: 10 Nov 2021 05:48

Tgt Ion:252 Resp: 10158
Ion Ratio Lower Upper
252 100
253 31.2 23.1 34.7
125 19.7 14.6 21.8

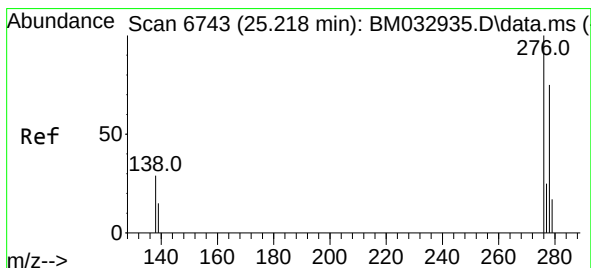
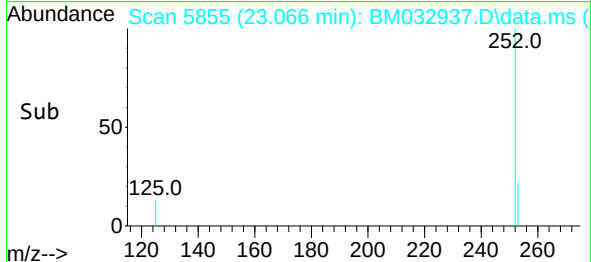
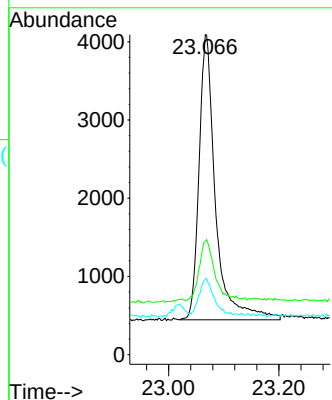
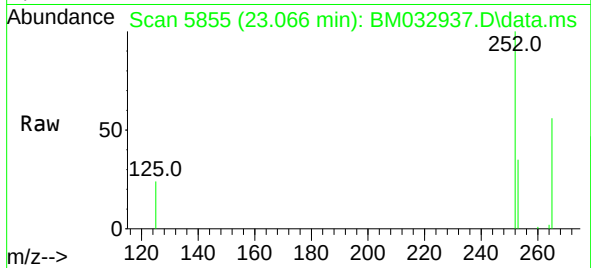




#26
Benzo(a)pyrene
Concen: 0.388 ng/ul
RT: 23.066 min Scan# 5855
Delta R.T. -0.006 min
Lab File: BM032937.D
Acq: 10 Nov 2021 05:48

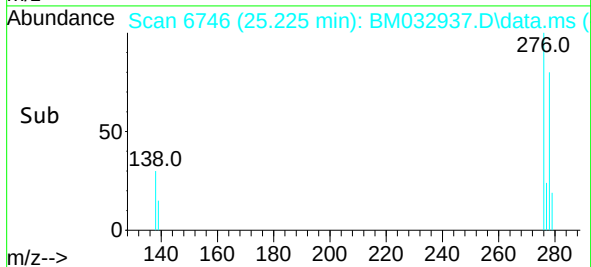
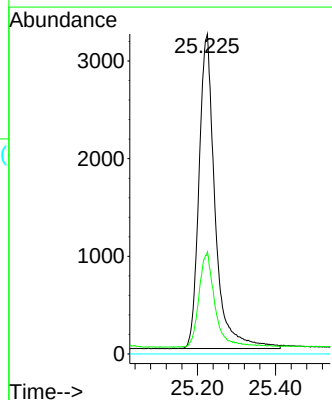
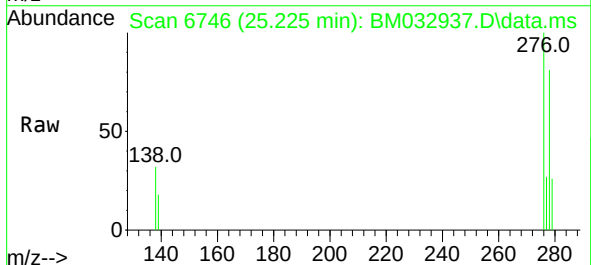
Instrument :
BNA_M
ClientSampleId :
SLCS620

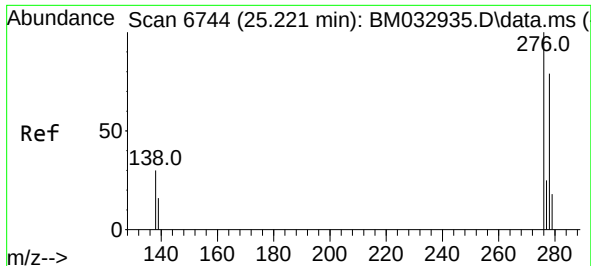
Tgt Ion:	252	Resp:	7561
Ion Ratio	Lower	Upper	
252	100		
253	35.4	27.1	40.7
125	23.6	17.4	26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.411 ng/ul
RT: 25.225 min Scan# 6746
Delta R.T. -0.008 min
Lab File: BM032937.D
Acq: 10 Nov 2021 05:48

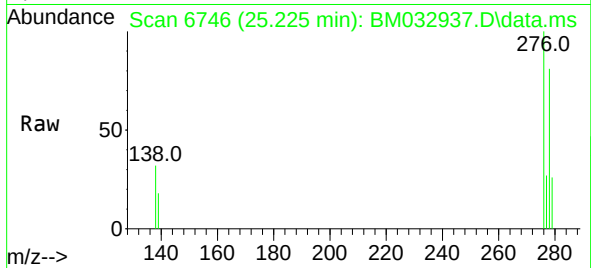
Tgt Ion:	276	Resp:	9219
Ion Ratio	Lower	Upper	
276	100		
138	29.9	22.9	34.3
227	0.0	0.0	0.0



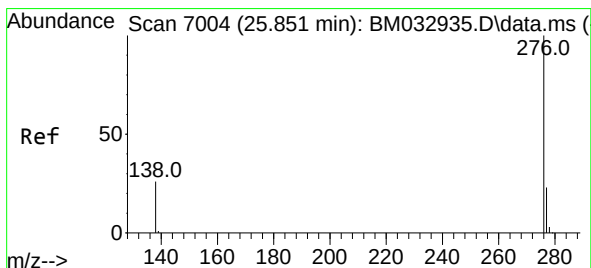
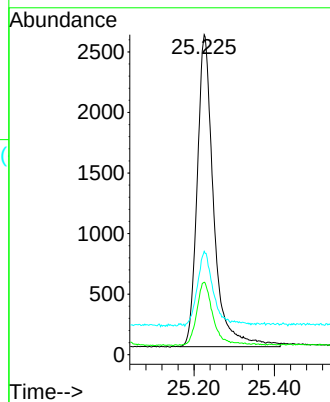
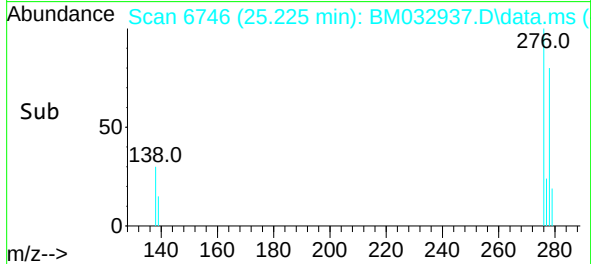


#28
Dibenzo(a,h)anthracene
Concen: 0.413 ng/ul
RT: 25.225 min Scan# 61
Delta R.T. -0.011 min
Lab File: BM032937.D
Acq: 10 Nov 2021 05:48

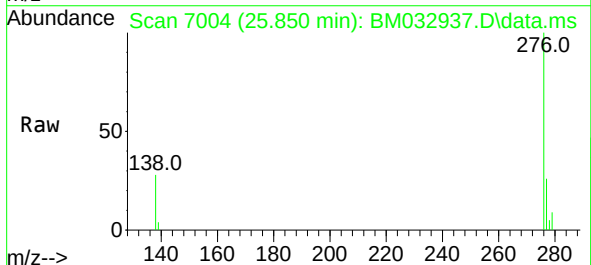
Instrument :
BNA_M
ClientSampleId :
SLCS620



Tgt Ion:278 Resp: 7340
Ion Ratio Lower Upper
278 100
139 22.6 18.2 27.2
279 32.3 24.6 36.8



#29
Benzo(g,h,i)perylene
Concen: 0.428 ng/ul
RT: 25.850 min Scan# 7004
Delta R.T. -0.011 min
Lab File: BM032937.D
Acq: 10 Nov 2021 05:48



Tgt Ion:276 Resp: 8341
Ion Ratio Lower Upper
276 100
138 27.7 22.2 33.2
277 26.0 21.0 31.4

