

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111321\
 Data File : BM033042.D
 Acq On : 13 Nov 2021 15:12
 Operator : CG/JU
 Sample : PB140457BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS457

Quant Time: Nov 15 03:14:55 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 : Mon Nov 15 03:11:31 2021
 Response via : Initial Calibration

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

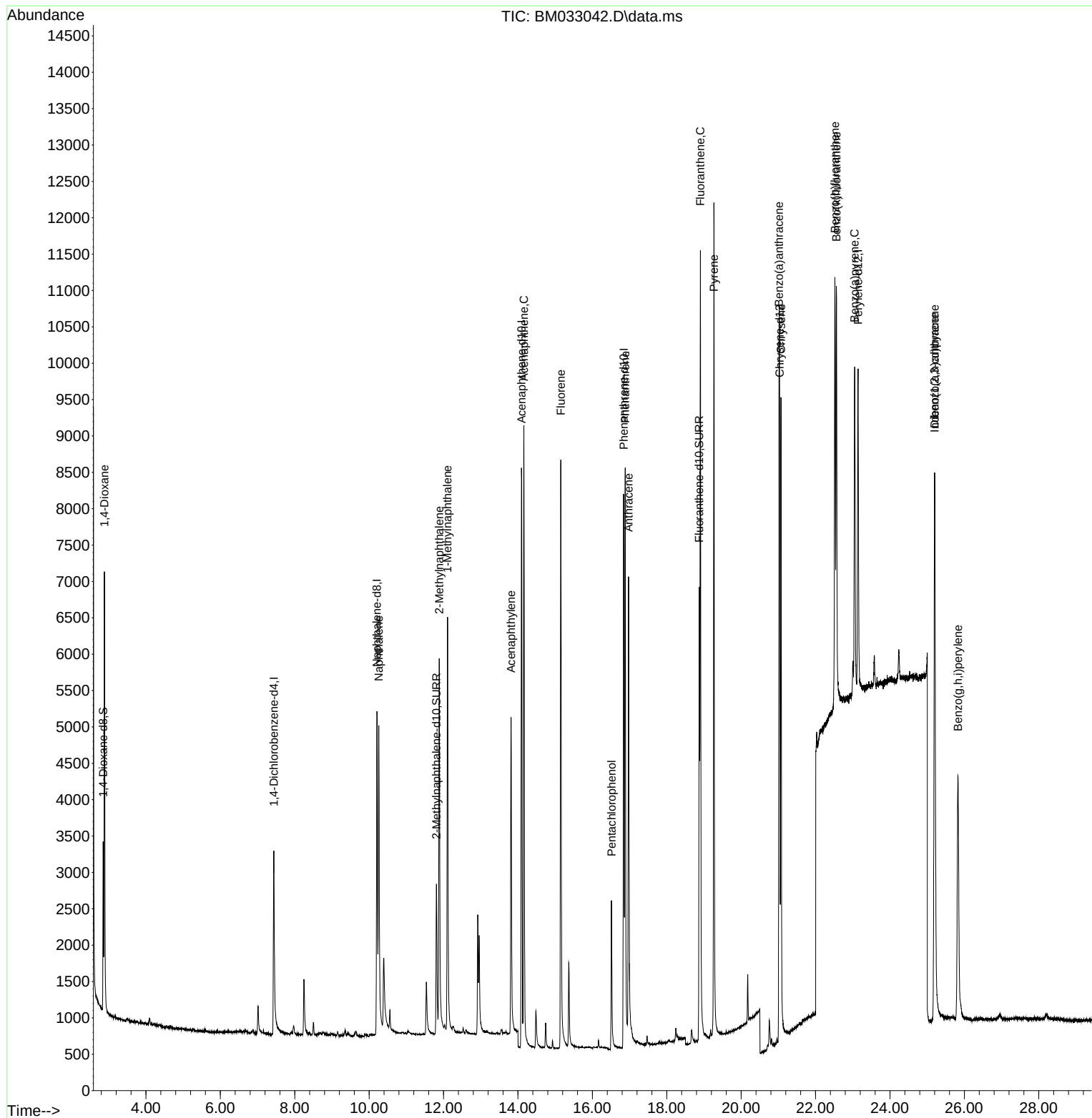
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	1789	0.400	ng/ul	0.00
4) Naphthalene-d8	10.208	136	6886	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.095	164	4470	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.841	188	9029	0.400	ng/ul	0.00
17) Chrysene-d12	21.035	240	6131	0.400	ng/ul	0.00
23) Perylene-d12	23.142	264	5410	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.850	96	1345	0.589	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.809	152	3405	0.348	ng/ul	0.00
18) Fluoranthene-d10	18.873	212	7100	0.382	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.884	88	3731	1.590	ng/ul#	92
5) Naphthalene	10.257	128	6320	0.316	ng/ul	99
7) 2-Methylnaphthalene	11.885	142	4433	0.320	ng/ul	99
8) 1-Methylnaphthalene	12.106	142	4199	0.310	ng/ul	100
10) Acenaphthylene	13.815	152	6391	0.329	ng/ul	99
11) Acenaphthene	14.159	153	5156	0.304	ng/ul	100
12) Fluorene	15.153	166	5866	0.293	ng/ul	98
14) Pentachlorophenol	16.515	266	1458	0.620	ng/ul	99
15) Phenanthrene	16.883	178	8888	0.296	ng/ul	99
16) Anthracene	16.973	178	8030	0.305	ng/ul	99
19) Fluoranthene	18.904	202	9820	0.342	ng/ul	99
20) Pyrene	19.266	202	10039	0.336	ng/ul	99
21) Benzo(a)anthracene	21.018	228	7494	0.331	ng/ul	99
22) Chrysene	21.071	228	8068	0.316	ng/ul	99
24) Benzo(b)fluoranthene	22.519	252	7149	0.288	ng/ul	85
25) Benzo(k)fluoranthene	22.560	252	7832	0.294	ng/ul#	85
26) Benzo(a)pyrene	23.050	252	6391	0.312	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.199	276	7774	0.330	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.201	278	6239	0.335	ng/ul	92
29) Benzo(g,h,i)perylene	25.826	276	6656	0.326	ng/ul	96

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

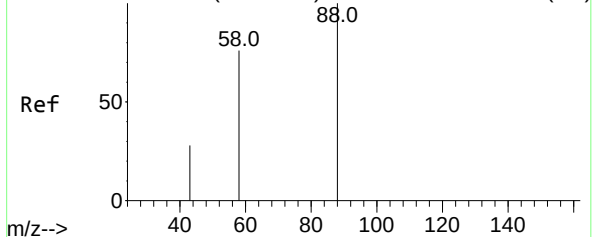
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111321\
Data File : BM033042.D
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
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Abundance Scan 88 (2.888 min): BM033038.D\data.ms (-78)



#2

1,4-Dioxane

Concen: 1.590 ng/ul

RT: 2.884 min Scan# 81

Delta R.T. -0.004 min

Lab File: BM033042.D

Acq: 13 Nov 2021 15:12

Instrument :

BNA_M

ClientSampleId :

SLCS457

Tgt Ion: 88 Resp: 3731

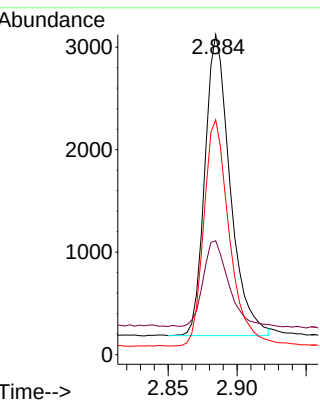
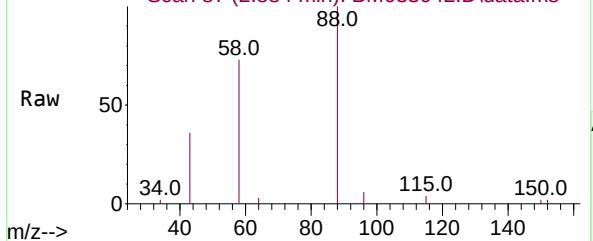
Ion Ratio Lower Upper

88 100

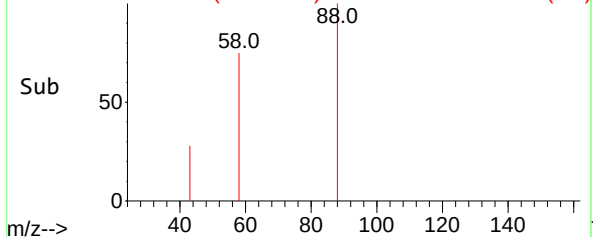
43 35.6 35.8 53.8#

58 73.4 55.8 83.8

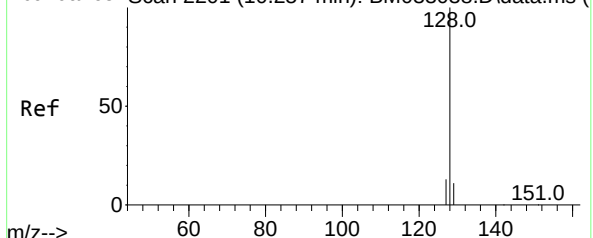
Abundance Scan 87 (2.884 min): BM033042.D\data.ms



Abundance Scan 87 (2.884 min): BM033042.D\data.ms (-74)



Abundance Scan 2201 (10.257 min): BM033038.D\data.ms (-78)



#5

Naphthalene

Concen: 0.316 ng/ul

RT: 10.257 min Scan# 2201

Delta R.T. -0.000 min

Lab File: BM033042.D

Acq: 13 Nov 2021 15:12

Tgt Ion: 128 Resp: 6320

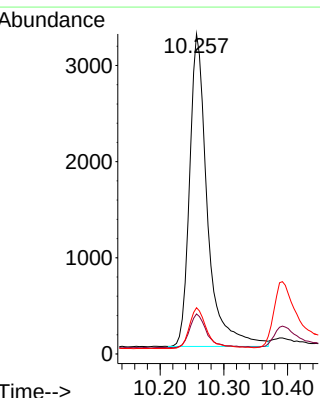
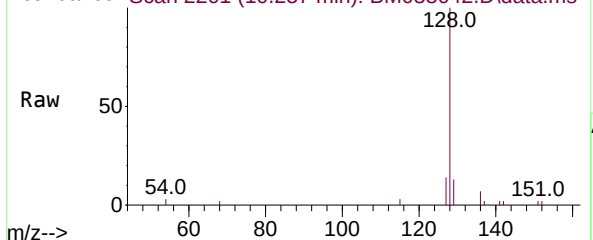
Ion Ratio Lower Upper

128 100

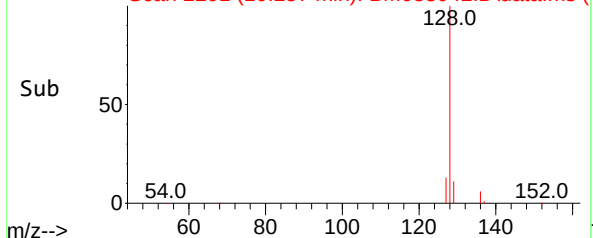
129 12.5 9.8 14.6

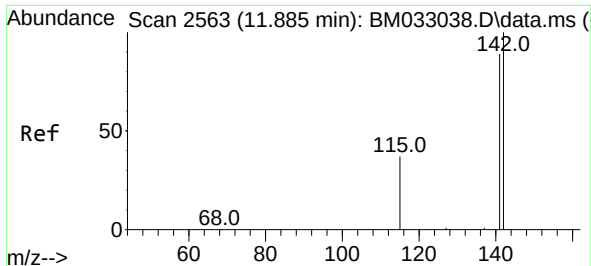
127 14.4 11.8 17.8

Abundance Scan 2201 (10.257 min): BM033042.D\data.ms



Abundance Scan 2201 (10.257 min): BM033042.D\data.ms (-74)

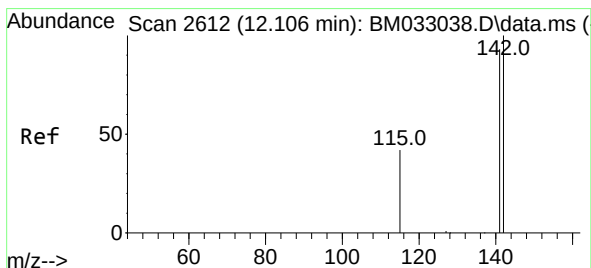
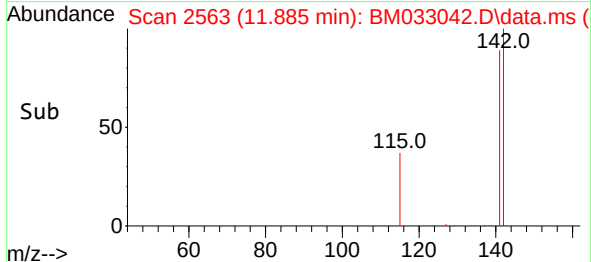
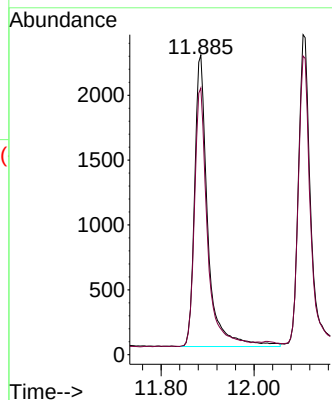
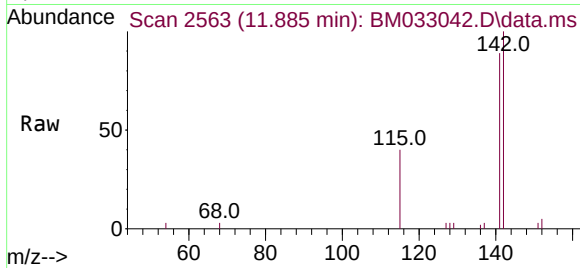




#7
2-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 11.885 min Scan# 2563
Delta R.T. -0.000 min
Lab File: BM033042.D
Acq: 13 Nov 2021 15:12

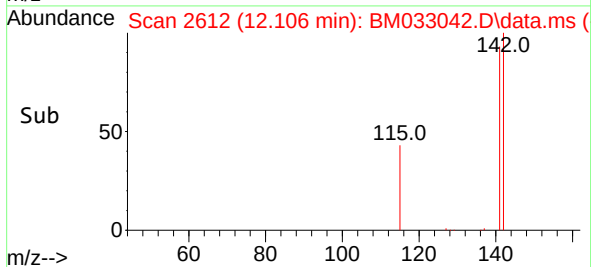
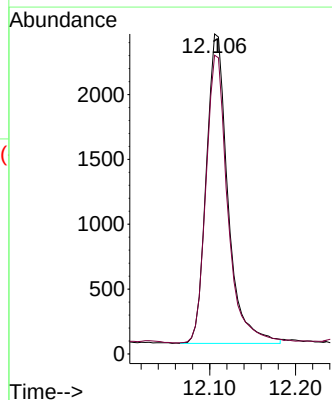
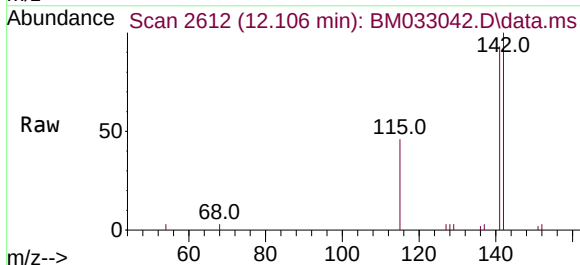
Instrument :
BNA_M
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SLCS457

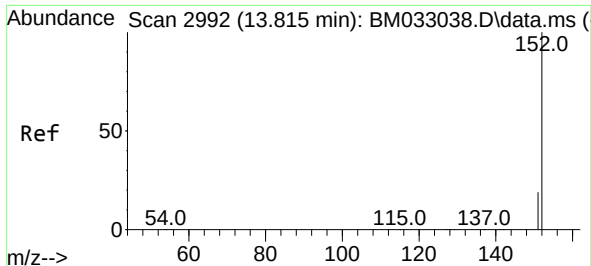
Tgt Ion:142 Resp: 4433
Ion Ratio Lower Upper
142 100
141 90.3 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 12.106 min Scan# 2612
Delta R.T. -0.000 min
Lab File: BM033042.D
Acq: 13 Nov 2021 15:12

Tgt Ion:142 Resp: 4199
Ion Ratio Lower Upper
142 100
141 93.3 74.5 111.7

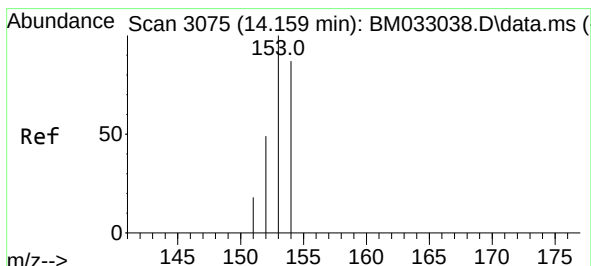
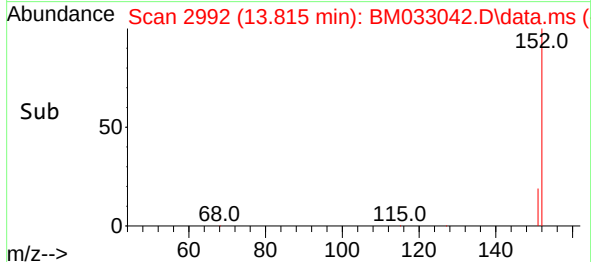
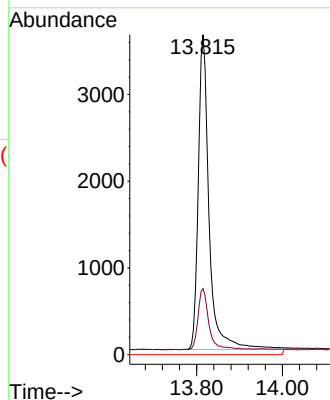
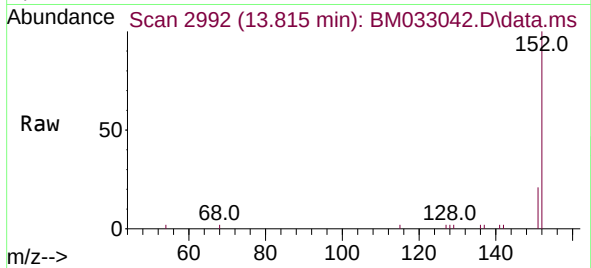




#10
Acenaphthylene
Concen: 0.329 ng/ul
RT: 13.815 min Scan# 2992
Delta R.T. -0.000 min
Lab File: BM033042.D
Acq: 13 Nov 2021 15:12

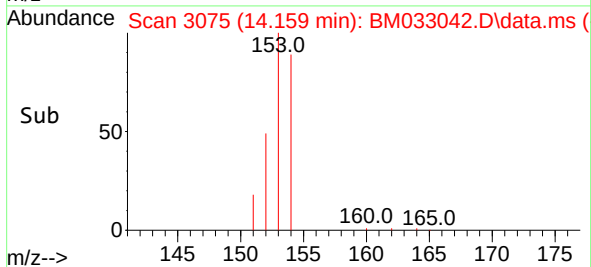
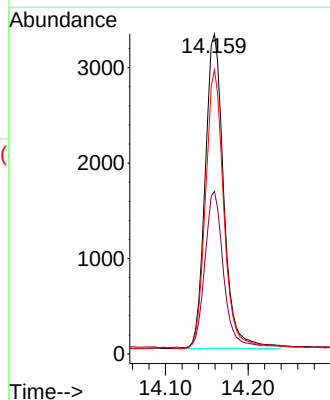
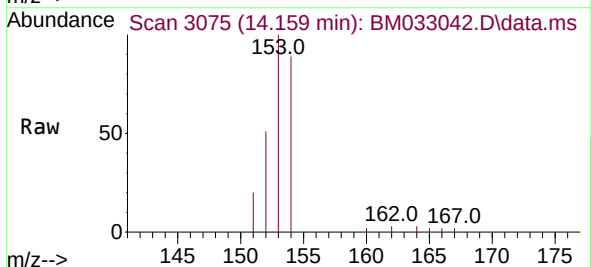
Instrument :
BNA_M
ClientSampleId :
SLCS457

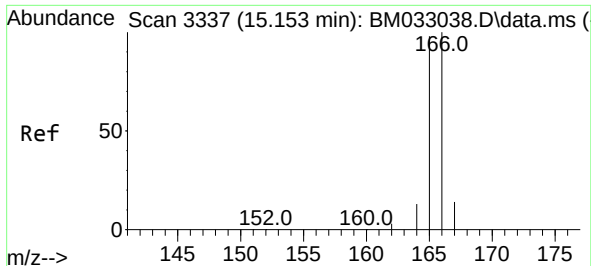
Tgt Ion:152	Resp:	6391
Ion Ratio	Lower	Upper
152	100	
151	20.7	16.7 25.1
153	0.0	0.0 0.0



#11
Acenaphthene
Concen: 0.304 ng/ul
RT: 14.159 min Scan# 3075
Delta R.T. -0.000 min
Lab File: BM033042.D
Acq: 13 Nov 2021 15:12

Tgt Ion:153	Resp:	5156
Ion Ratio	Lower	Upper
153	100	
152	50.8	40.6 60.8
154	88.8	70.8 106.2

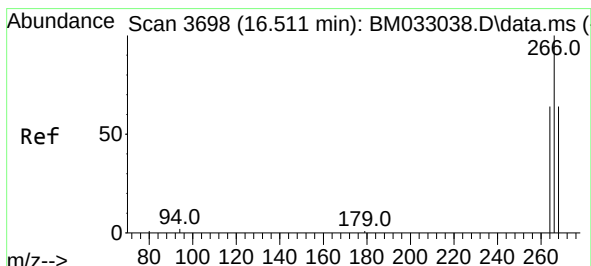
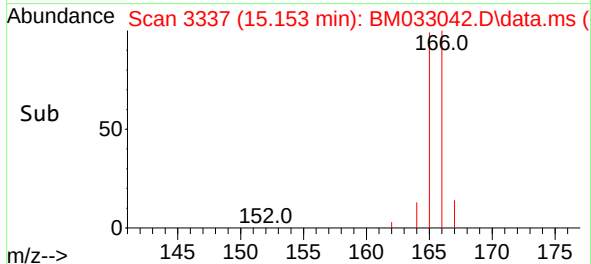
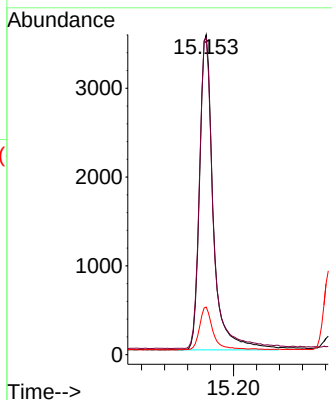
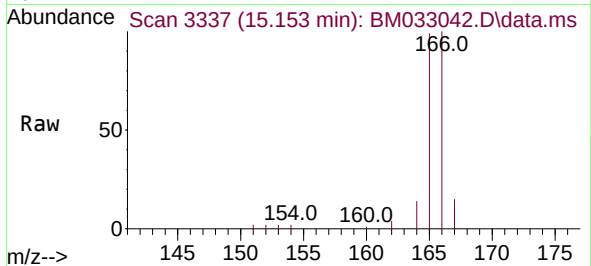




#12
Fluorene
Concen: 0.293 ng/ul
RT: 15.153 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM033042.D
Acq: 13 Nov 2021 15:12

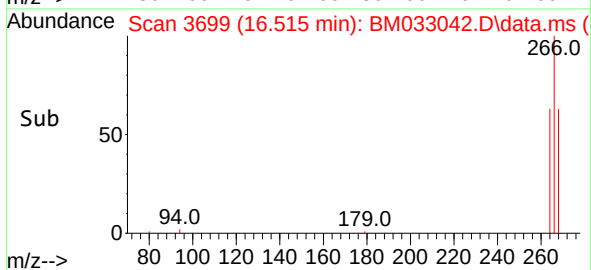
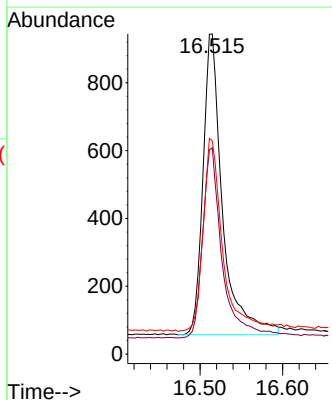
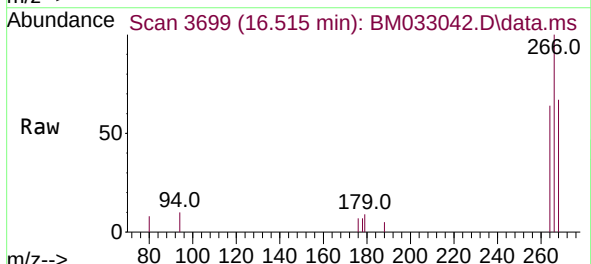
Instrument :
BNA_M
ClientSampleId :
SLCS457

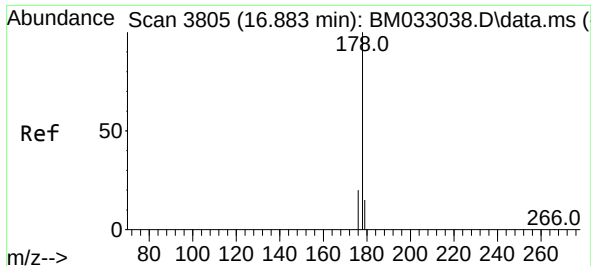
Tgt Ion:166 Resp: 5866
Ion Ratio Lower Upper
166 100
165 98.9 80.8 121.2
167 14.9 11.7 17.5



#14
Pentachlorophenol
Concen: 0.620 ng/ul
RT: 16.515 min Scan# 3699
Delta R.T. 0.003 min
Lab File: BM033042.D
Acq: 13 Nov 2021 15:12

Tgt Ion:266 Resp: 1458
Ion Ratio Lower Upper
266 100
264 63.2 51.2 76.8
268 64.7 52.9 79.3

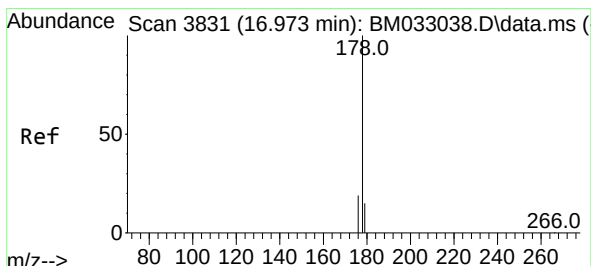
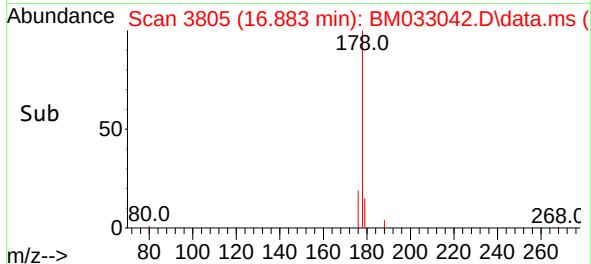
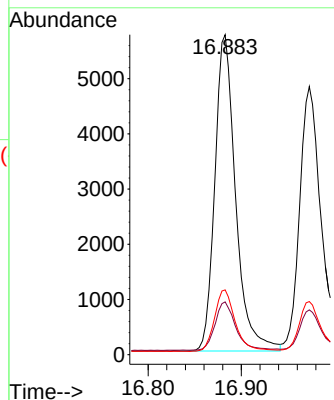
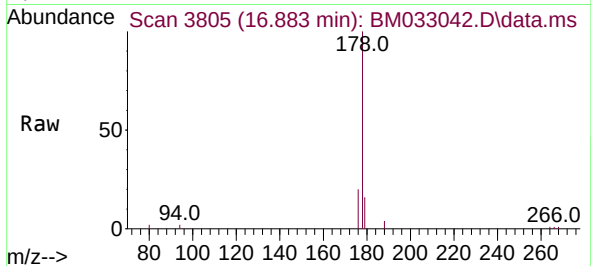




#15
Phenanthrene
Concen: 0.296 ng/u1
RT: 16.883 min Scan# 3805
Delta R.T. -0.000 min
Lab File: BM033042.D
Acq: 13 Nov 2021 15:12

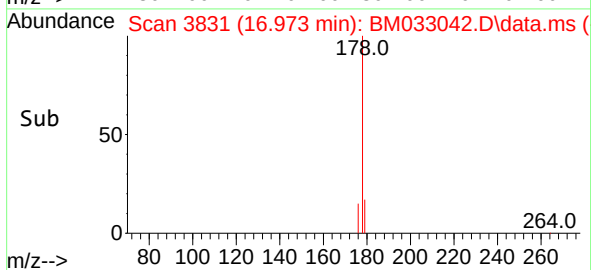
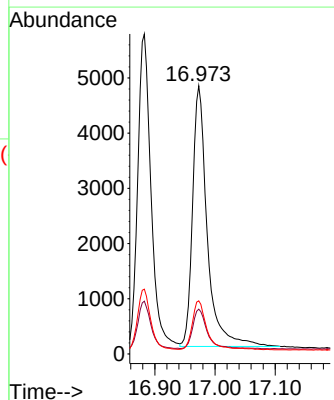
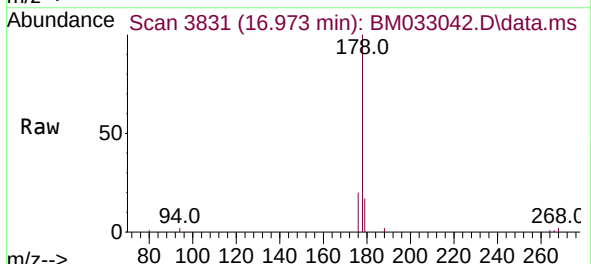
Instrument :
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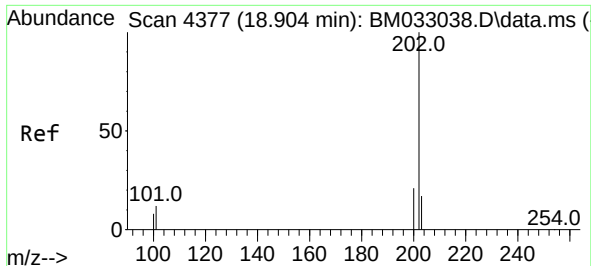
Tgt Ion:178 Resp: 8888
Ion Ratio Lower Upper
178 100
179 16.5 12.9 19.3
176 20.3 16.0 24.0



#16
Anthracene
Concen: 0.305 ng/u1
RT: 16.973 min Scan# 3831
Delta R.T. -0.000 min
Lab File: BM033042.D
Acq: 13 Nov 2021 15:12

Tgt Ion:178 Resp: 8030
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.6
176 19.8 15.6 23.4

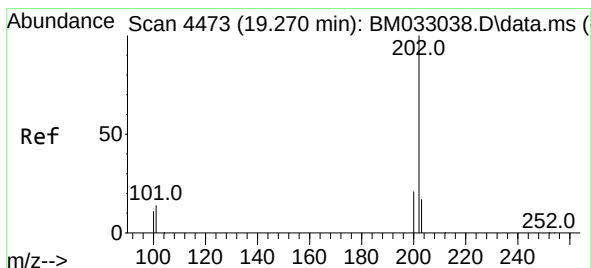
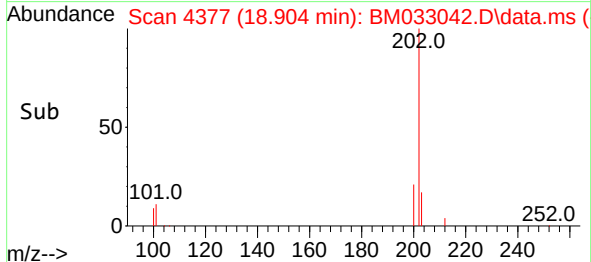
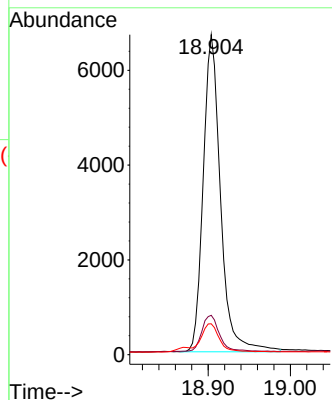
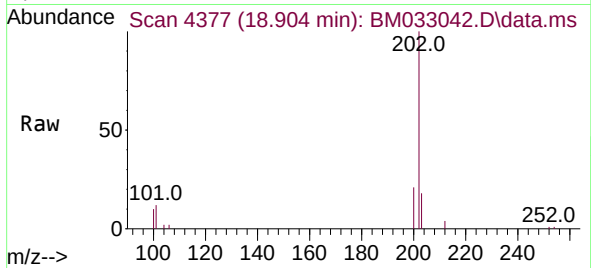




#19
Fluoranthene
Concen: 0.342 ng/ul
RT: 18.904 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM033042.D
Acq: 13 Nov 2021 15:12

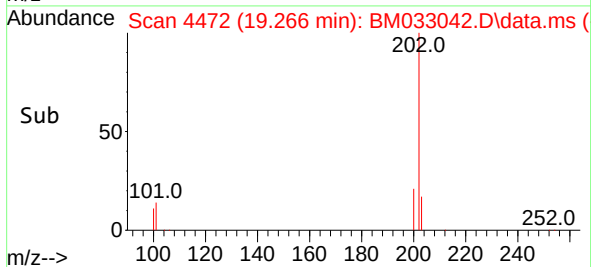
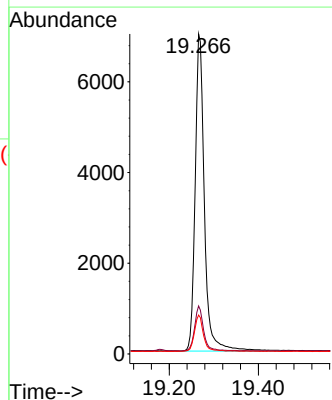
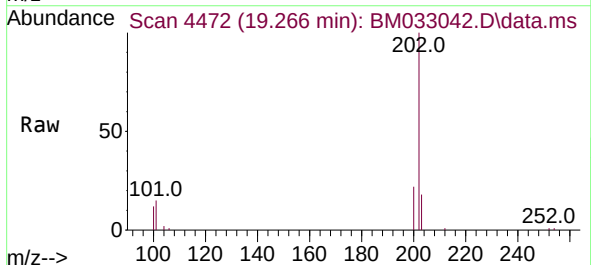
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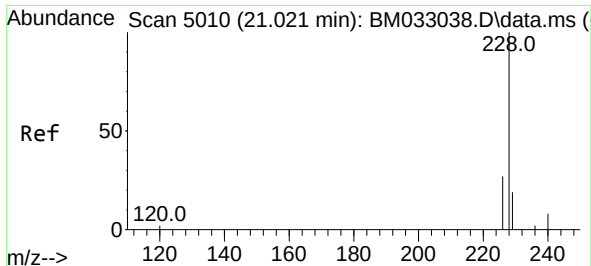
Tgt Ion:202 Resp: 9820
Ion Ratio Lower Upper
202 100
101 12.3 9.9 14.9
100 9.6 7.3 10.9



#20
Pyrene
Concen: 0.336 ng/ul
RT: 19.266 min Scan# 4472
Delta R.T. -0.004 min
Lab File: BM033042.D
Acq: 13 Nov 2021 15:12

Tgt Ion:202 Resp: 10039
Ion Ratio Lower Upper
202 100
101 15.0 11.8 17.6
100 12.2 9.5 14.3

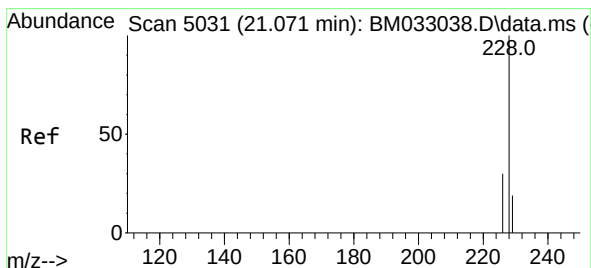
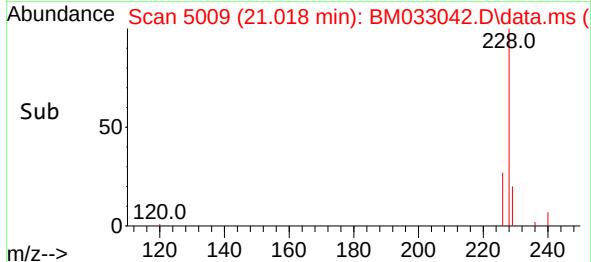
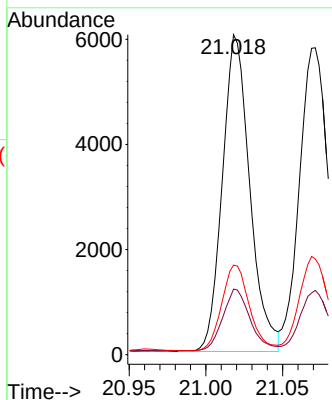
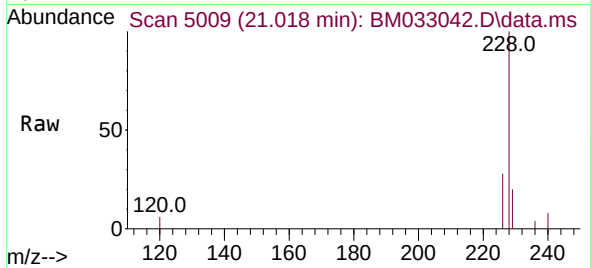




#21
Benzo(a)anthracene
Concen: 0.331 ng/ul
RT: 21.018 min Scan# 5010
Delta R.T. -0.003 min
Lab File: BM033042.D
Acq: 13 Nov 2021 15:12

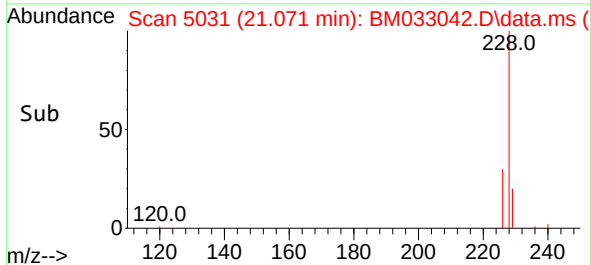
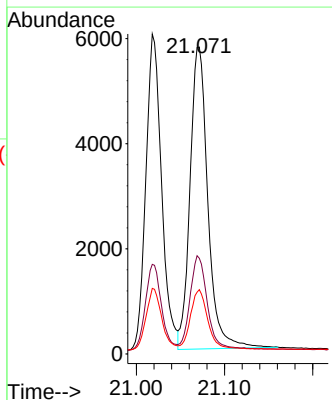
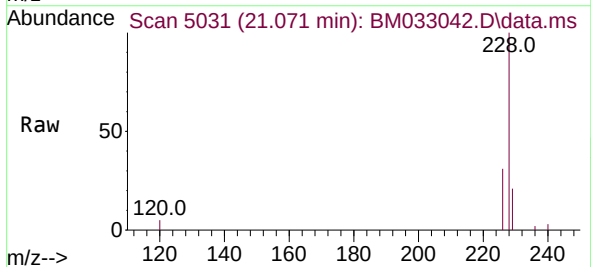
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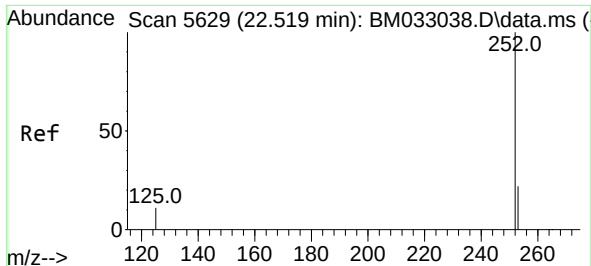
Tgt Ion:228 Resp: 7494
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 28.0 22.4 33.6



#22
Chrysene
Concen: 0.316 ng/ul
RT: 21.071 min Scan# 5031
Delta R.T. -0.000 min
Lab File: BM033042.D
Acq: 13 Nov 2021 15:12

Tgt Ion:228 Resp: 8068
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 21.0 16.1 24.1

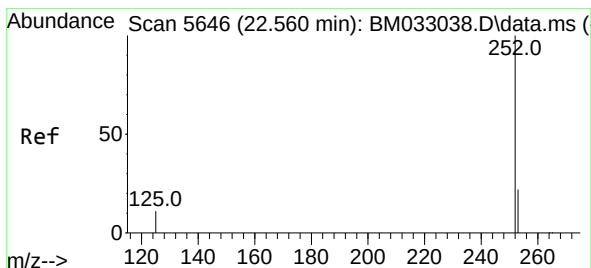
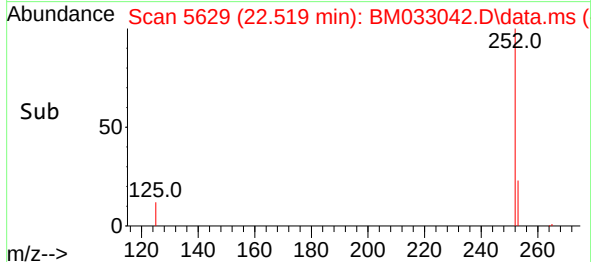
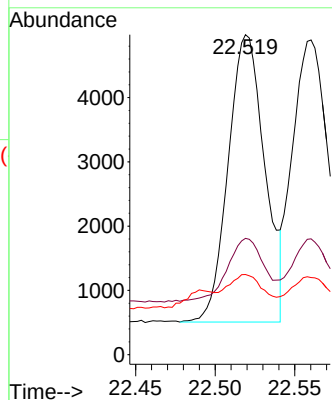
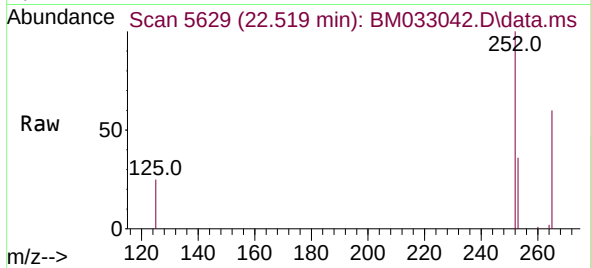




#24
Benzo(b)fluoranthene
Concen: 0.288 ng/ul
RT: 22.519 min Scan# 5629
Delta R.T. -0.000 min
Lab File: BM033042.D
Acq: 13 Nov 2021 15:12

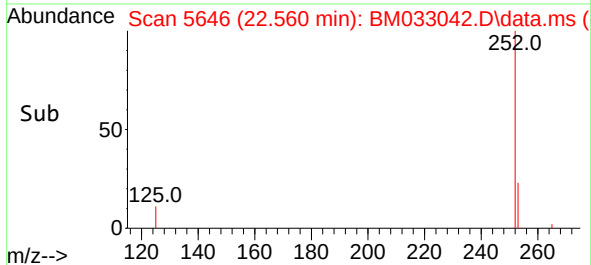
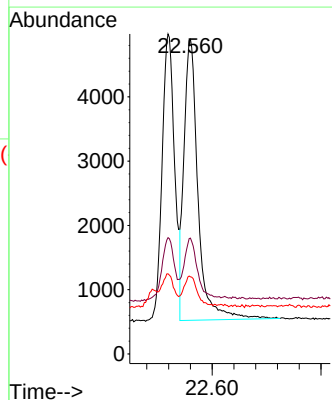
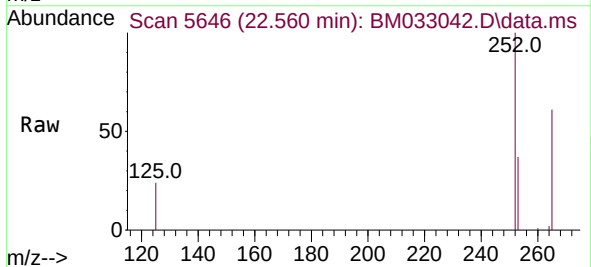
Instrument :
BNA_M
ClientSampleId :
SLCS457

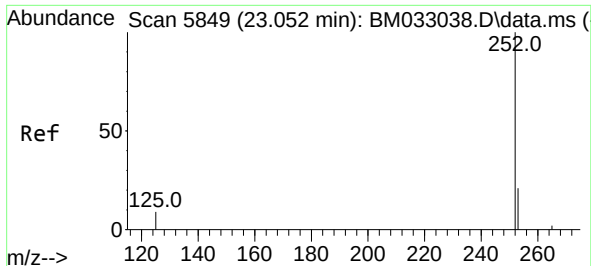
Tgt Ion:252	Resp:	7149
Ion Ratio	Lower	Upper
252	100	
253	36.4	0.0 59.2
125	25.0	0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.294 ng/ul
RT: 22.560 min Scan# 5646
Delta R.T. -0.000 min
Lab File: BM033042.D
Acq: 13 Nov 2021 15:12

Tgt Ion:252	Resp:	7832
Ion Ratio	Lower	Upper
252	100	
253	36.8	23.1 34.7#
125	24.5	14.6 21.8#

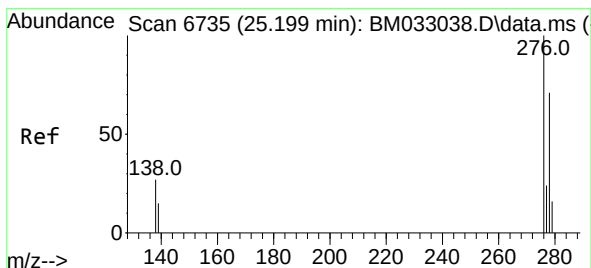
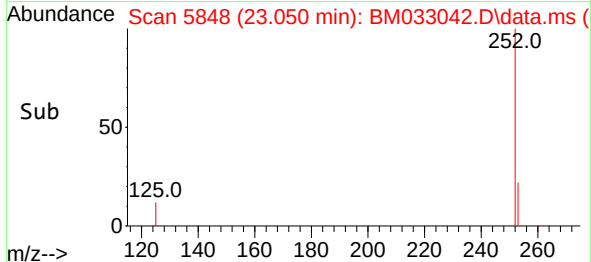
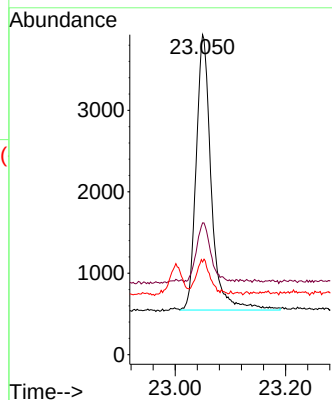
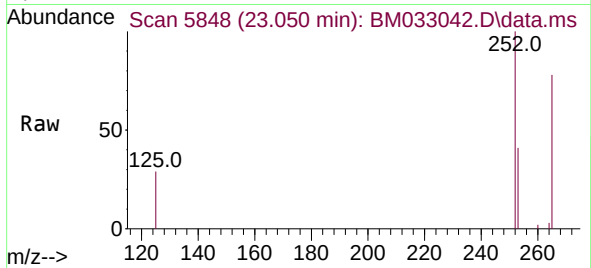




#26
Benzo(a)pyrene
Concen: 0.312 ng/ul
RT: 23.050 min Scan# 5849
Delta R.T. -0.003 min
Lab File: BM033042.D
Acq: 13 Nov 2021 15:12

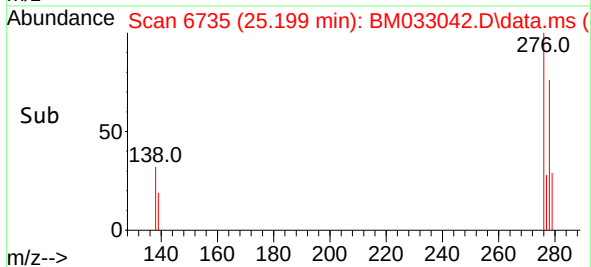
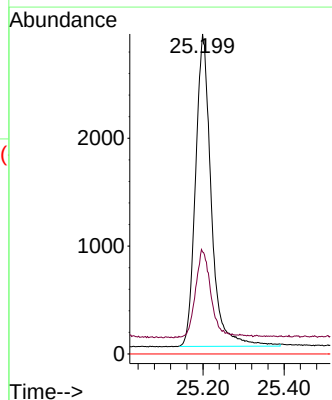
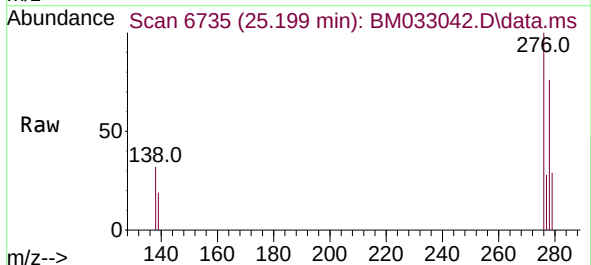
Instrument :
BNA_M
ClientSampleId :
SLCS457

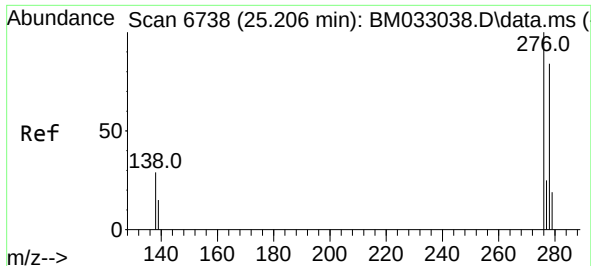
Tgt Ion:252 Resp: 6391
Ion Ratio Lower Upper
252 100
253 41.2 27.1 40.7#
125 29.0 17.4 26.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.330 ng/ul
RT: 25.199 min Scan# 6735
Delta R.T. -0.000 min
Lab File: BM033042.D
Acq: 13 Nov 2021 15:12

Tgt Ion:276 Resp: 7774
Ion Ratio Lower Upper
276 100
138 35.5 22.9 34.3#
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.335 ng/ul

RT: 25.201 min Scan# 61

Delta R.T. -0.005 min

Lab File: BM033042.D

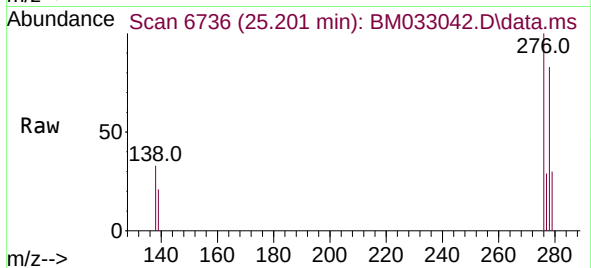
Acq: 13 Nov 2021 15:12

Instrument :

BNA_M

ClientSampleId :

SLCS457



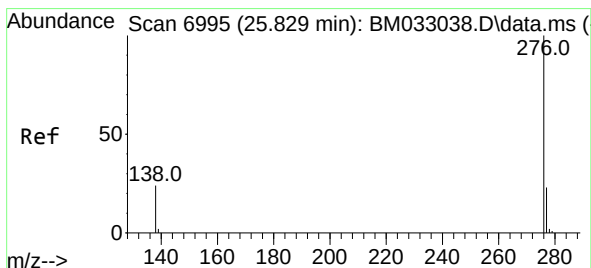
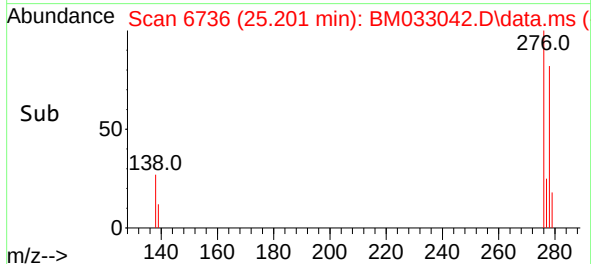
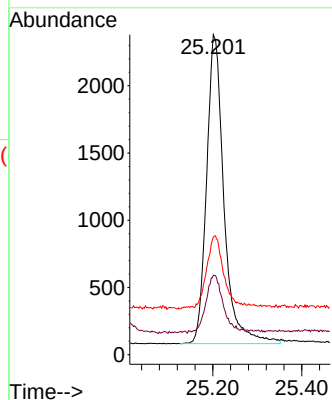
Tgt Ion:278 Resp: 6239

Ion Ratio Lower Upper

278 100

139 24.8 18.2 27.2

279 36.8 24.6 36.8



#29

Benzo(g,h,i)perylene

Concen: 0.326 ng/ul

RT: 25.826 min Scan# 6994

Delta R.T. -0.003 min

Lab File: BM033042.D

Acq: 13 Nov 2021 15:12

Tgt Ion:276 Resp: 6656

Ion Ratio Lower Upper

276 100

138 30.1 22.2 33.2

277 28.3 21.0 31.4

