

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
 Data File : BM033813.D
 Acq On : 21 Jan 2022 06:14
 Operator : CG/JU
 Sample : PB142155BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS155

Quant Time: Jan 21 06:52:25 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 21 01:34:59 2022
 Response via : Initial Calibration

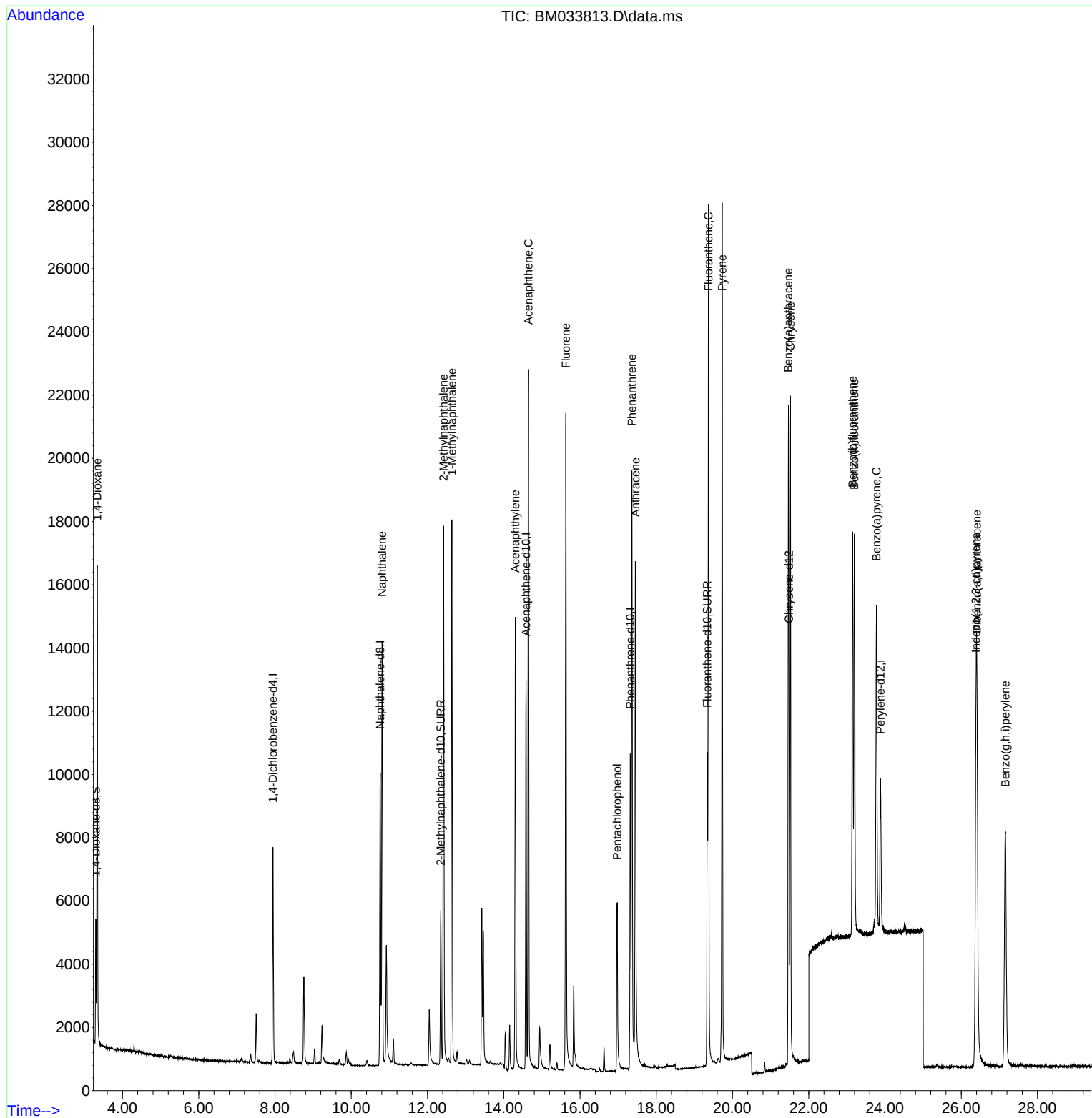
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	3372	0.400	ng/ul	0.00
4) Naphthalene-d8	10.761	136	12576	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.583	164	6876	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	12695	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	7396	0.400	ng/ul #	0.00
23) Perylene-d12	23.883	264	6865	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.303	96	2318	0.645	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	6594	0.386	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	10976	0.479	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.337	88	9033	2.305	ng/ul#	75
5) Naphthalene	10.810	128	18472	0.507	ng/ul#	87
7) 2-Methylnaphthalene	12.420	142	12117	0.518	ng/ul	99
8) 1-Methylnaphthalene	12.641	142	11793	0.513	ng/ul	99
10) Acenaphthylene	14.307	152	17273	0.544	ng/ul#	90
11) Acenaphthene	14.648	153	12962	0.511	ng/ul	96
12) Fluorene	15.630	166	14495	0.478	ng/ul#	96
14) Pentachlorophenol	16.973	266	4215	0.841	ng/ul	97
15) Phenanthrene	17.361	178	21939	0.534	ng/ul	94
16) Anthracene	17.452	178	20054	0.532	ng/ul#	91
19) Fluoranthene	19.369	202	23423	0.675	ng/ul	99
20) Pyrene	19.731	202	23130	0.659	ng/ul	96
21) Benzo(a)anthracene	21.465	228	17524	0.570	ng/ul	97
22) Chrysene	21.519	228	18329	0.583	ng/ul	97
24) Benzo(b)fluoranthene	23.151	252	17768	0.591	ng/ul	91
25) Benzo(k)fluoranthene	23.197	252	17475	0.592	ng/ul#	90
26) Benzo(a)pyrene	23.776	252	16112	0.616	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.386	276	20309	0.597	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.412	278	16264	0.601	ng/ul#	89
29) Benzo(g,h,i)perylene	27.158	276	17473	0.597	ng/ul	94

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

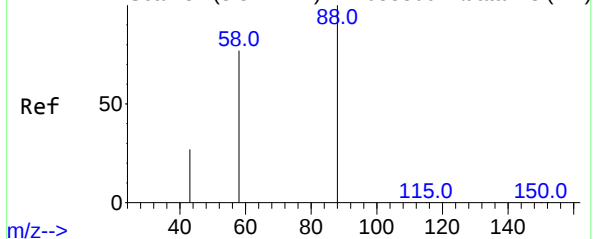
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
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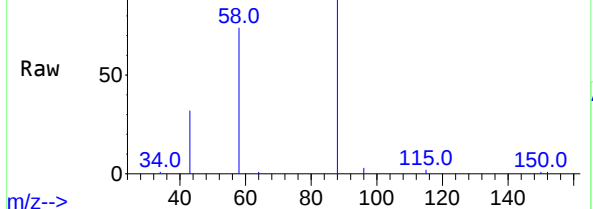


Abundance Scan 31 (3.341 min): BM033800.D\data.ms (-22)



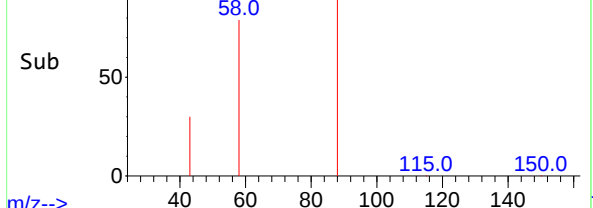
m/z-->

Abundance Scan 30 (3.337 min): BM033813.D\data.ms



m/z-->

Abundance Scan 30 (3.337 min): BM033813.D\data.ms (-15)



m/z-->

#2

1,4-Dioxane

Concen: 2.305 ng/ul

RT: 3.337 min Scan# 30

Delta R.T. 0.000 min

Lab File: BM033813.D

Acq: 21 Jan 2022 06:14

Instrument :

BNA_M

ClientSampleId :

SLCS155

Tgt Ion: 88 Resp: 9033

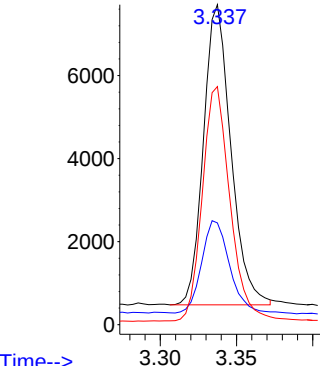
Ion Ratio Lower Upper

88 100

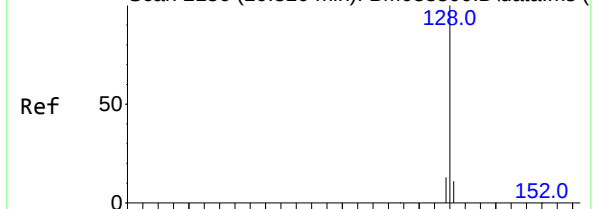
43 31.8 49.7 74.5#

58 74.4 52.5 78.7

Abundance

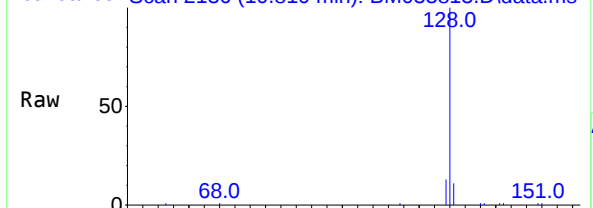


Abundance Scan 2136 (10.810 min): BM033800.D\data.ms (-22)



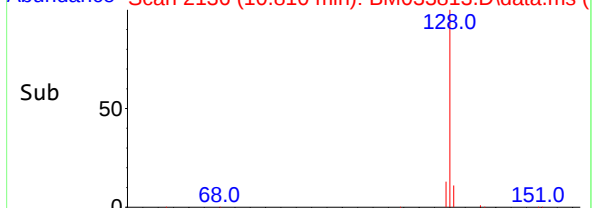
m/z-->

Abundance Scan 2136 (10.810 min): BM033813.D\data.ms



m/z-->

Abundance Scan 2136 (10.810 min): BM033813.D\data.ms (-15)



m/z-->

#5

Naphthalene

Concen: 0.507 ng/ul

RT: 10.810 min Scan# 2136

Delta R.T. -0.004 min

Lab File: BM033813.D

Acq: 21 Jan 2022 06:14

Tgt Ion:128 Resp: 18472

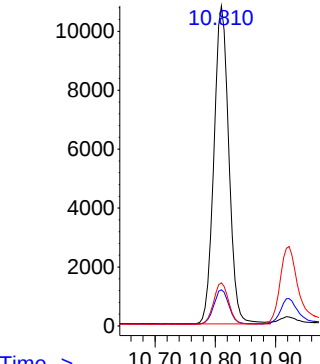
Ion Ratio Lower Upper

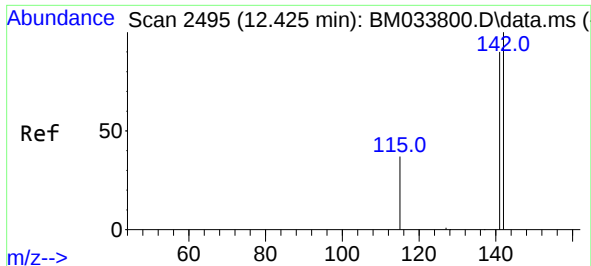
128 100

129 11.3 13.4 20.2#

127 13.4 15.2 22.8#

Abundance

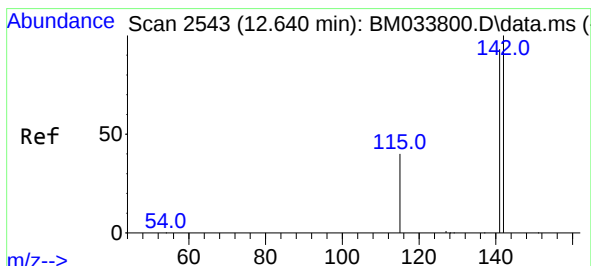
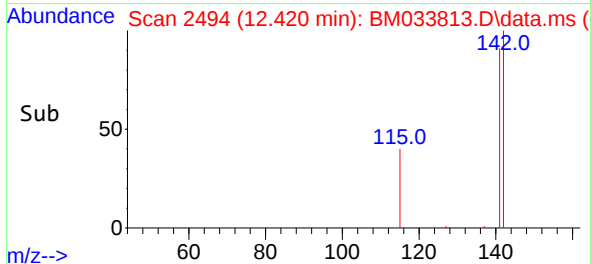
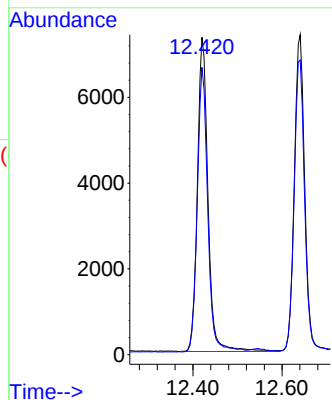
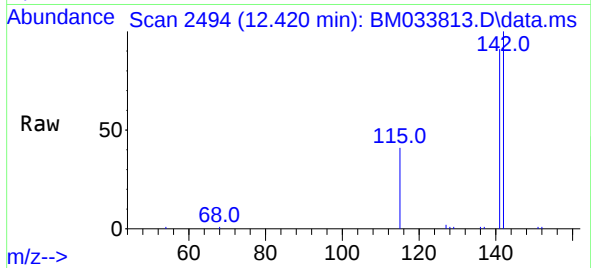




#7
2-Methylnaphthalene
Concen: 0.518 ng/ul
RT: 12.420 min Scan# 2494
Delta R.T. -0.004 min
Lab File: BM033813.D
Acq: 21 Jan 2022 06:14

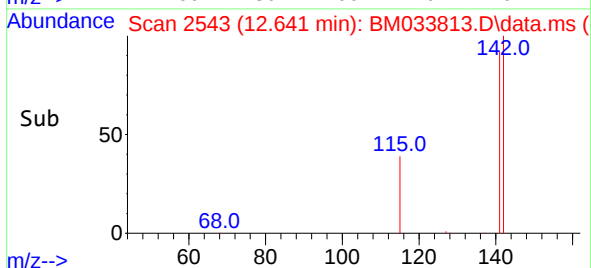
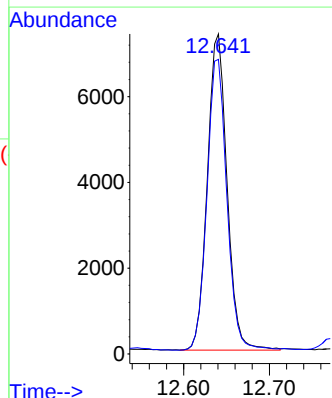
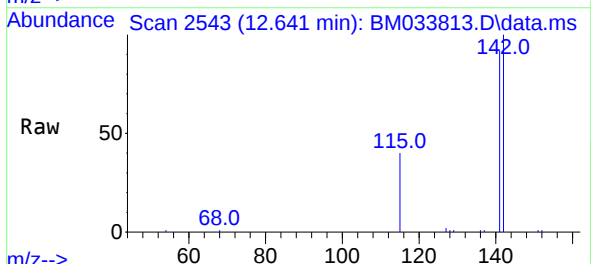
Instrument :
BNA_M
ClientSampleId :
SLCS155

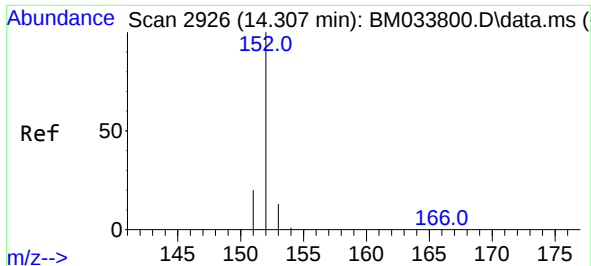
Tgt Ion:142 Resp: 12117
Ion Ratio Lower Upper
142 100
141 89.0 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.513 ng/ul
RT: 12.641 min Scan# 2543
Delta R.T. 0.000 min
Lab File: BM033813.D
Acq: 21 Jan 2022 06:14

Tgt Ion:142 Resp: 11793
Ion Ratio Lower Upper
142 100
141 93.0 75.0 112.4

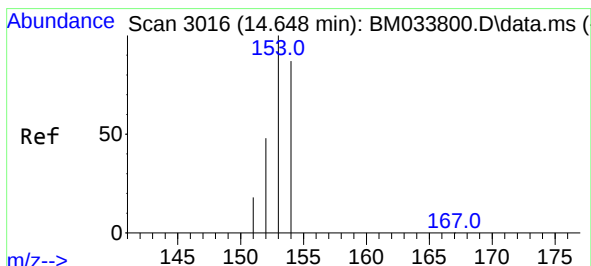
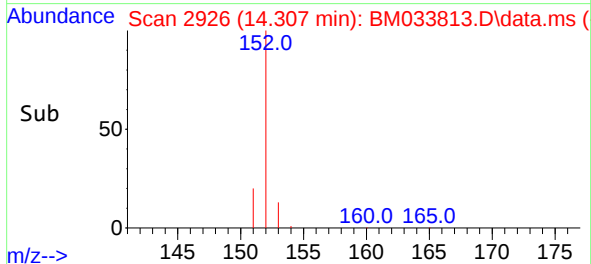
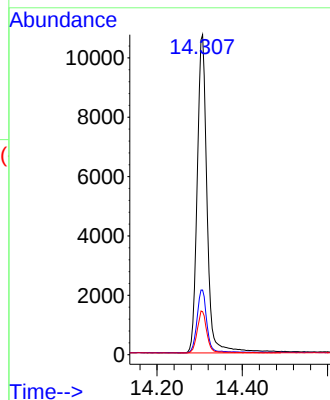
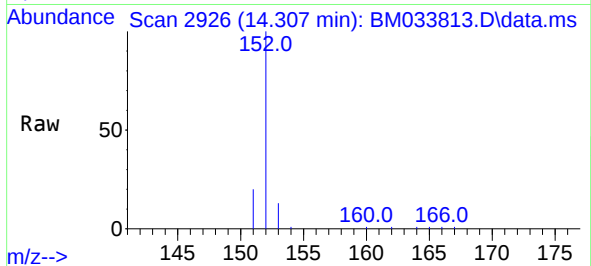




#10
Acenaphthylene
Concen: 0.544 ng/ul
RT: 14.307 min Scan# 2926
Delta R.T. -0.004 min
Lab File: BM033813.D
Acq: 21 Jan 2022 06:14

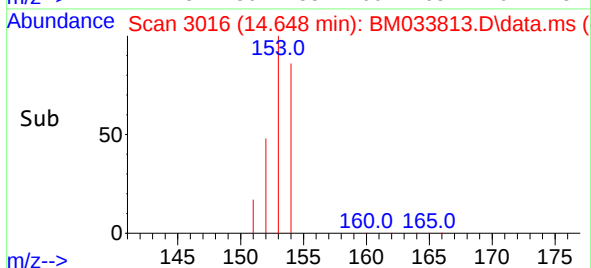
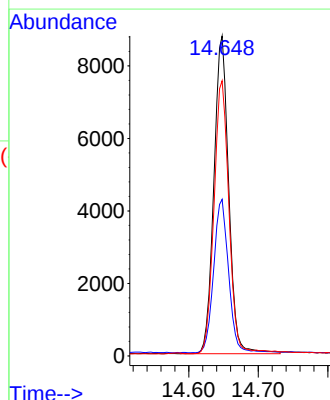
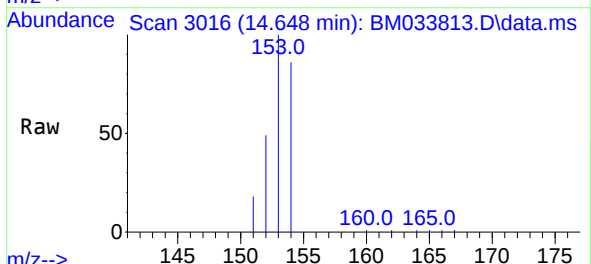
Instrument :
BNA_M
ClientSampleId :
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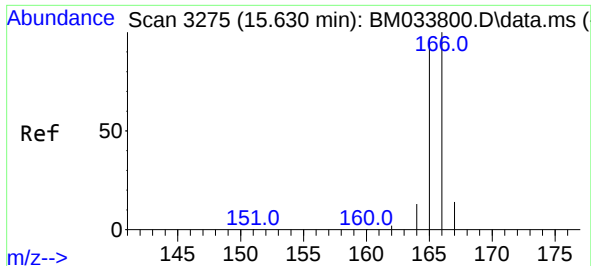
Tgt Ion:152 Resp: 17273
Ion Ratio Lower Upper
152 100
151 20.2 19.9 29.9
153 13.5 15.0 22.4#



#11
Acenaphthene
Concen: 0.511 ng/ul
RT: 14.648 min Scan# 3016
Delta R.T. -0.004 min
Lab File: BM033813.D
Acq: 21 Jan 2022 06:14

Tgt Ion:153 Resp: 12962
Ion Ratio Lower Upper
153 100
152 49.0 42.4 63.6
154 86.0 66.2 99.2

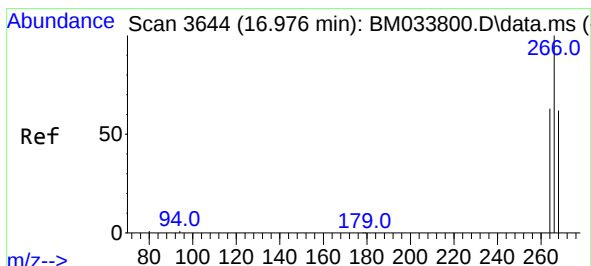
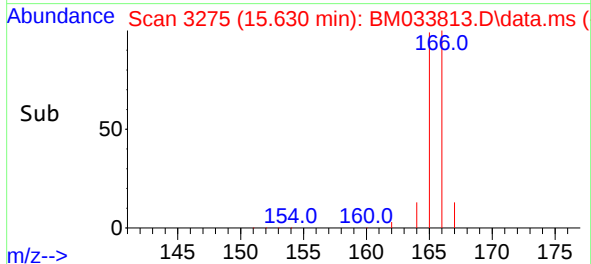
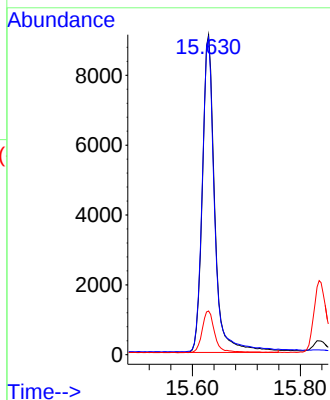
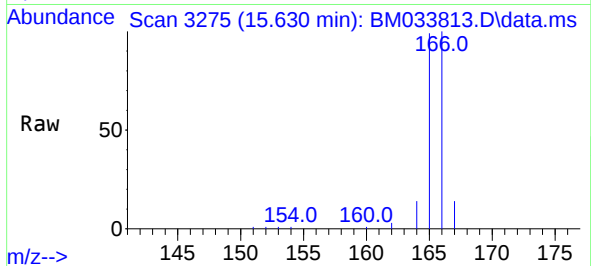




#12
Fluorene
Concen: 0.478 ng/ul
RT: 15.630 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM033813.D
Acq: 21 Jan 2022 06:14

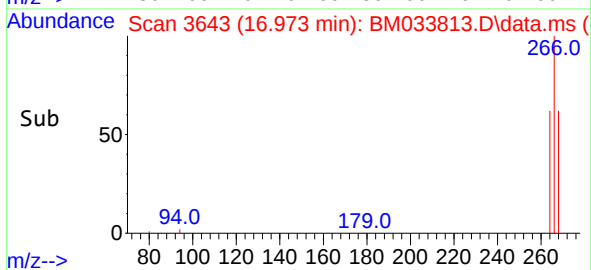
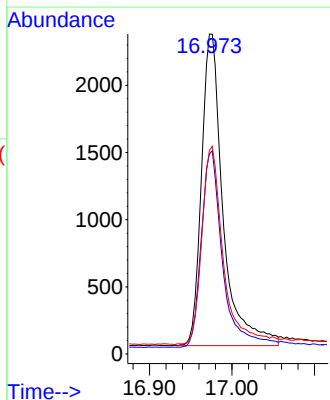
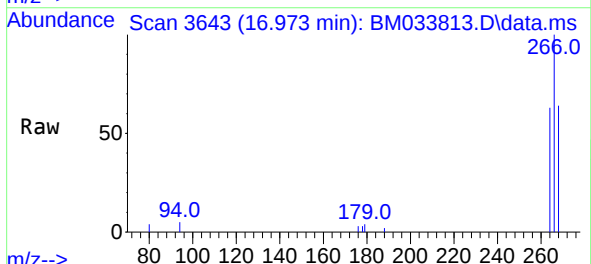
Instrument :
BNA_M
ClientSampleId :
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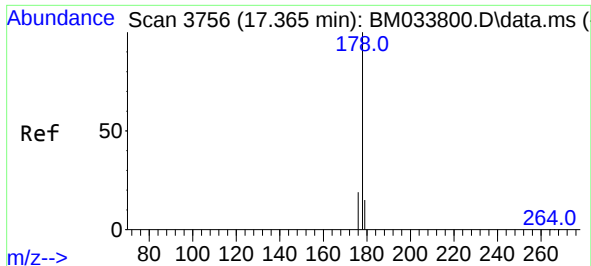
Tgt Ion:166 Resp: 14495
Ion Ratio Lower Upper
166 100
165 99.1 81.1 121.7
167 13.7 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.841 ng/ul
RT: 16.973 min Scan# 3643
Delta R.T. -0.003 min
Lab File: BM033813.D
Acq: 21 Jan 2022 06:14

Tgt Ion:266 Resp: 4215
Ion Ratio Lower Upper
266 100
264 62.6 51.4 77.0
268 63.4 53.1 79.7

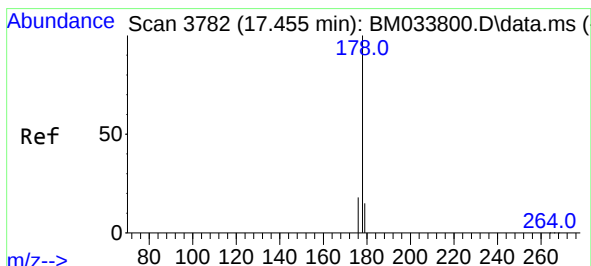
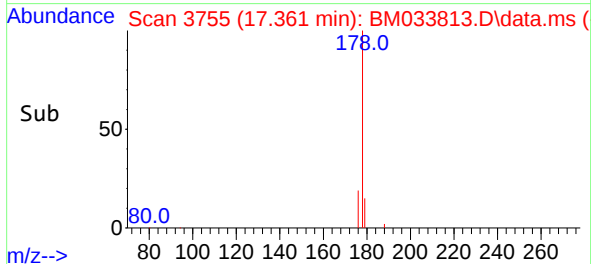
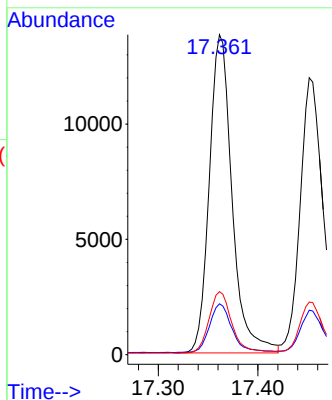
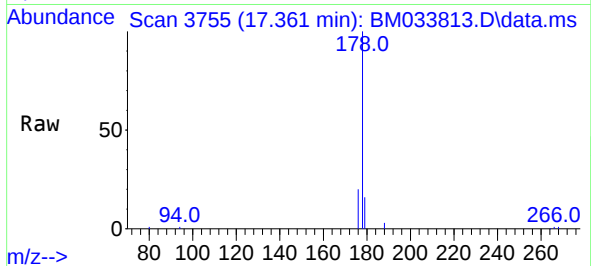




#15
Phenanthrene
Concen: 0.534 ng/u1
RT: 17.361 min Scan# 31
Delta R.T. -0.003 min
Lab File: BM033813.D
Acq: 21 Jan 2022 06:14

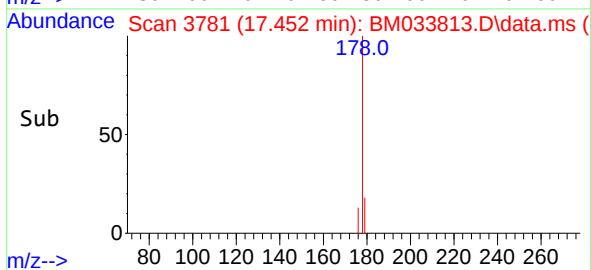
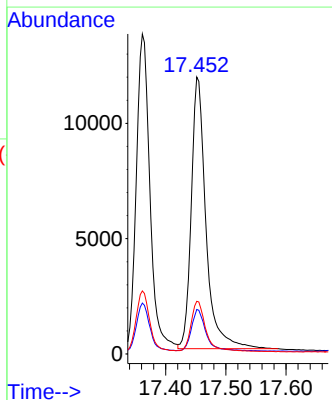
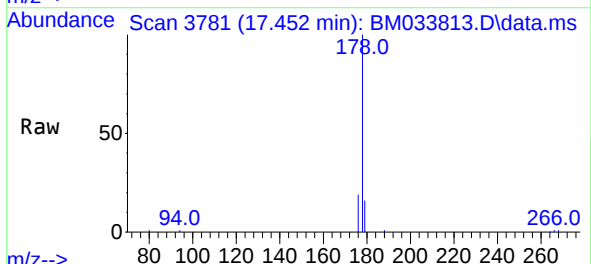
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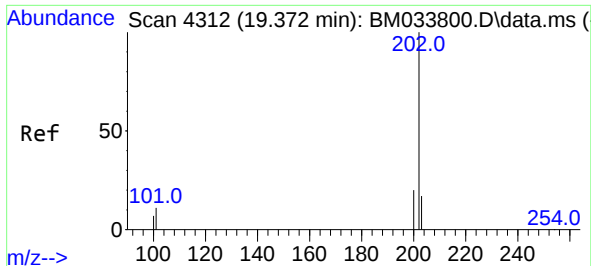
Tgt Ion:	178	Resp:	21939
Ion Ratio	Lower	Upper	
178	100		
179	15.9	15.0	22.6
176	19.7	17.9	26.9



#16
Anthracene
Concen: 0.532 ng/u1
RT: 17.452 min Scan# 3781
Delta R.T. -0.003 min
Lab File: BM033813.D
Acq: 21 Jan 2022 06:14

Tgt Ion:	178	Resp:	20054
Ion Ratio	Lower	Upper	
178	100		
179	16.1	16.5	24.7#
176	19.0	18.3	27.5

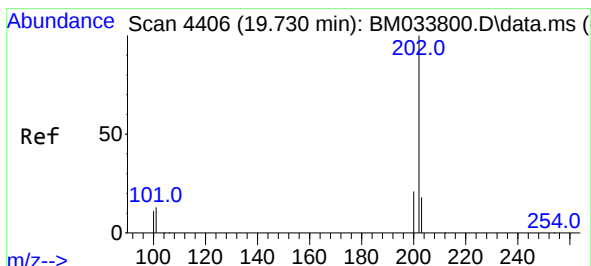
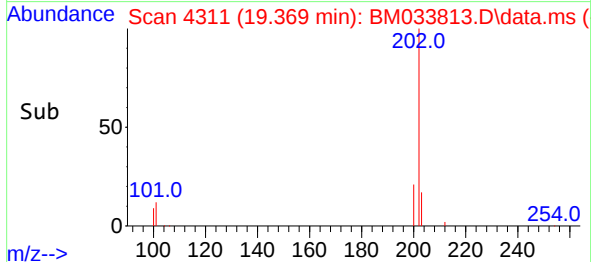
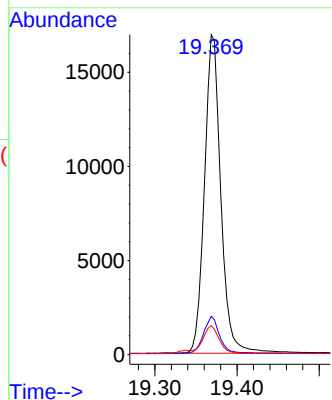
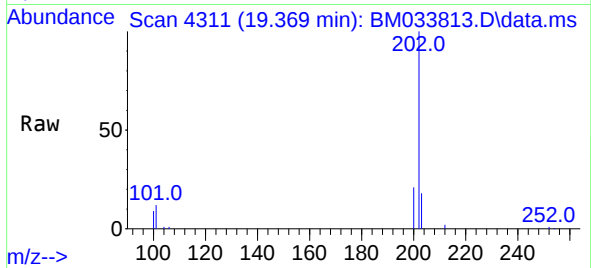




#19
Fluoranthene
Concen: 0.675 ng/u1
RT: 19.369 min Scan# 4311
Delta R.T. -0.003 min
Lab File: BM033813.D
Acq: 21 Jan 2022 06:14

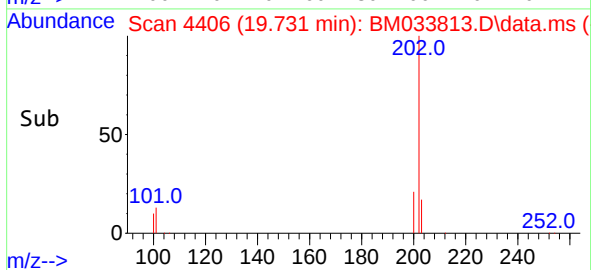
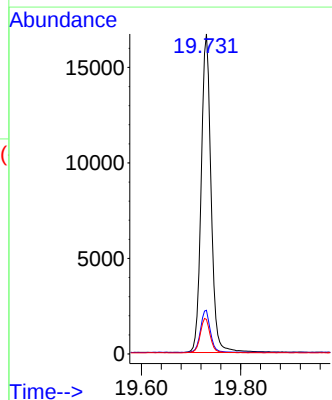
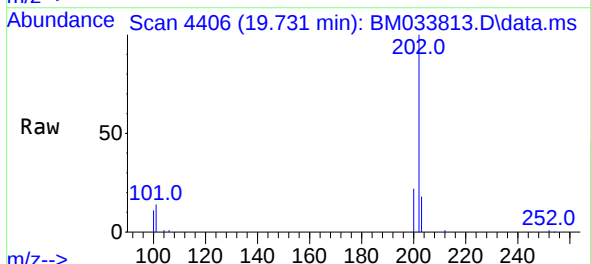
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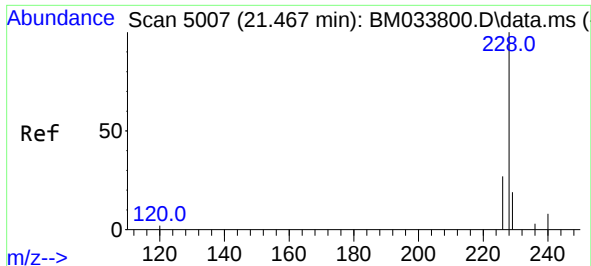
Tgt Ion:202 Resp: 23423
Ion Ratio Lower Upper
202 100
101 12.0 9.2 13.8
100 9.1 7.2 10.8



#20
Pyrene
Concen: 0.659 ng/u1
RT: 19.731 min Scan# 4406
Delta R.T. -0.003 min
Lab File: BM033813.D
Acq: 21 Jan 2022 06:14

Tgt Ion:202 Resp: 23130
Ion Ratio Lower Upper
202 100
101 13.7 9.3 13.9
100 10.8 7.8 11.6

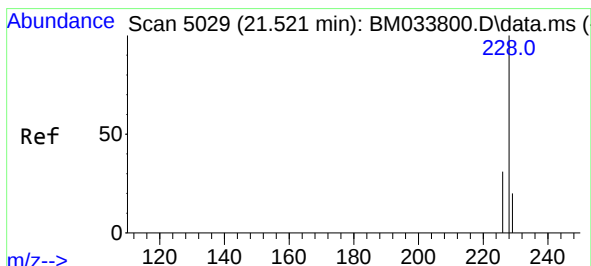
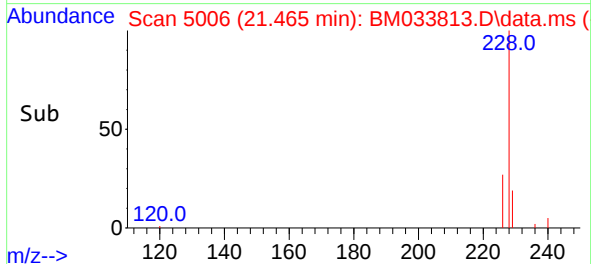
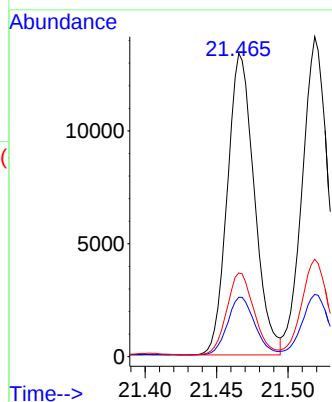
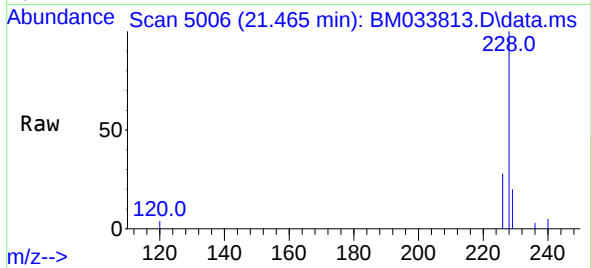




#21
Benzo(a)anthracene
Concen: 0.570 ng/ul
RT: 21.465 min Scan# 5007
Delta R.T. -0.004 min
Lab File: BM033813.D
Acq: 21 Jan 2022 06:14

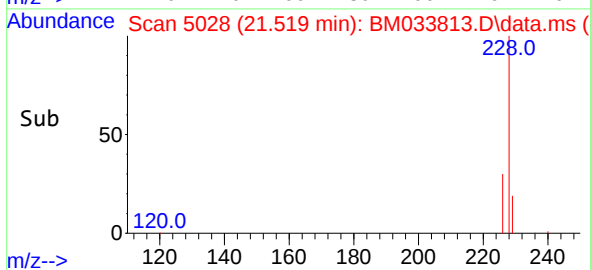
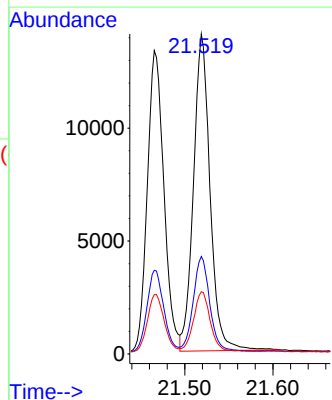
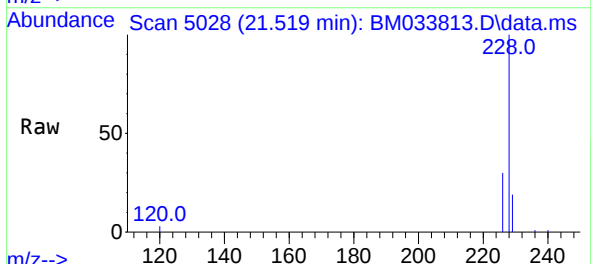
Instrument :
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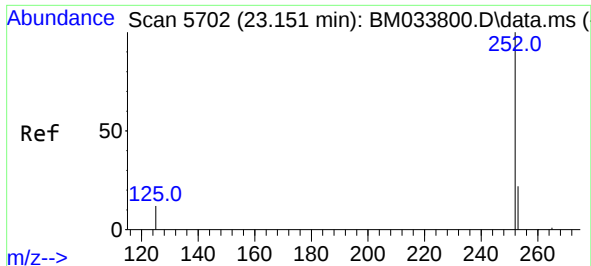
Tgt Ion:228	Resp:	17524
Ion Ratio	Lower	Upper
228	100	
229	19.6	17.3 25.9
226	27.6	23.2 34.8



#22
Chrysene
Concen: 0.583 ng/ul
RT: 21.519 min Scan# 5028
Delta R.T. -0.004 min
Lab File: BM033813.D
Acq: 21 Jan 2022 06:14

Tgt Ion:228	Resp:	18329
Ion Ratio	Lower	Upper
228	100	
226	30.5	25.8 38.8
229	19.4	16.7 25.1

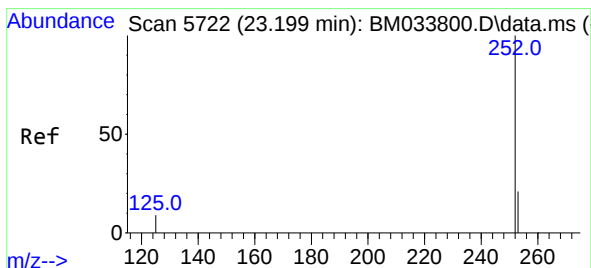
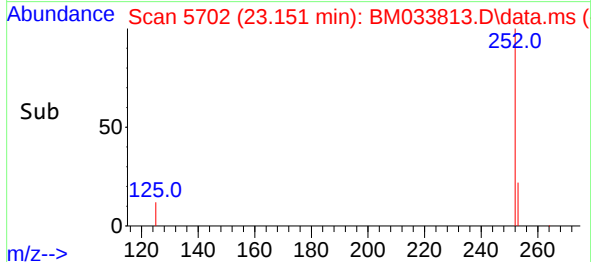
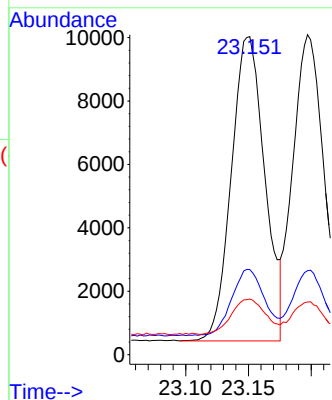
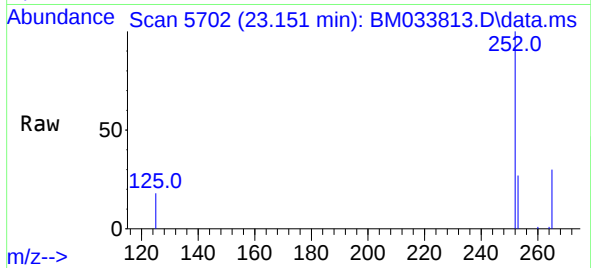




#24
Benzo(b)fluoranthene
Concen: 0.591 ng/ul
RT: 23.151 min Scan# 5702
Delta R.T. -0.002 min
Lab File: BM033813.D
Acq: 21 Jan 2022 06:14

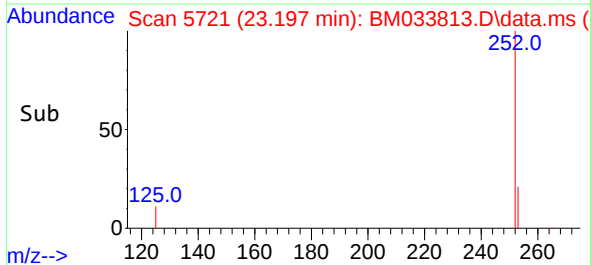
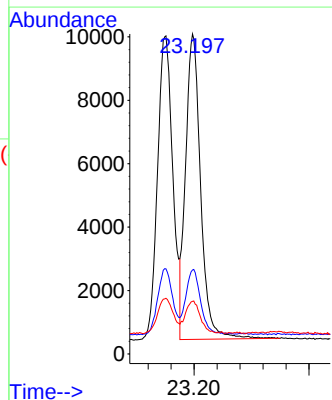
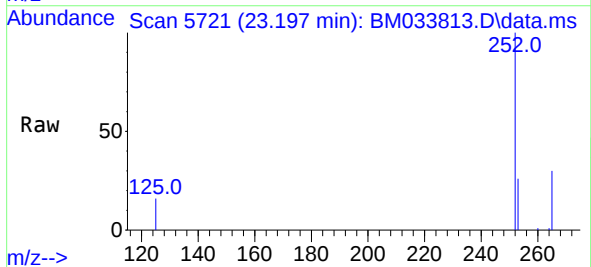
Instrument :
BNA_M
ClientSampleId :
SLCS155

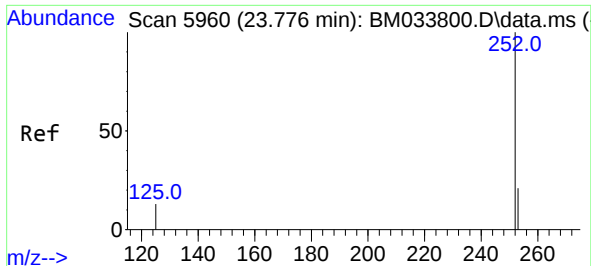
Tgt Ion:252 Resp: 17768
Ion Ratio Lower Upper
252 100
253 26.7 0.0 64.2
125 17.5 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.592 ng/ul
RT: 23.197 min Scan# 5721
Delta R.T. -0.004 min
Lab File: BM033813.D
Acq: 21 Jan 2022 06:14

Tgt Ion:252 Resp: 17475
Ion Ratio Lower Upper
252 100
253 26.3 26.8 40.2#
125 16.4 12.0 18.0

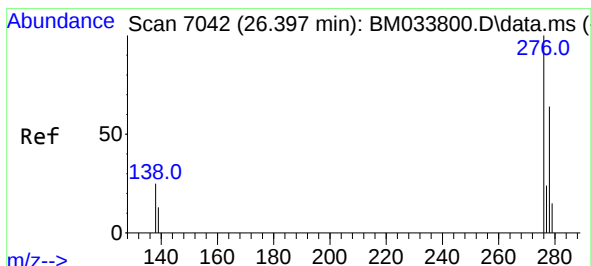
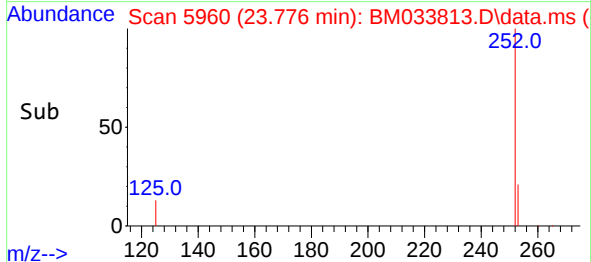
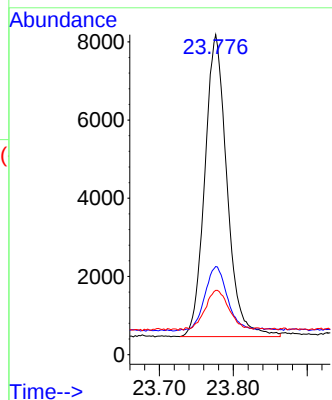
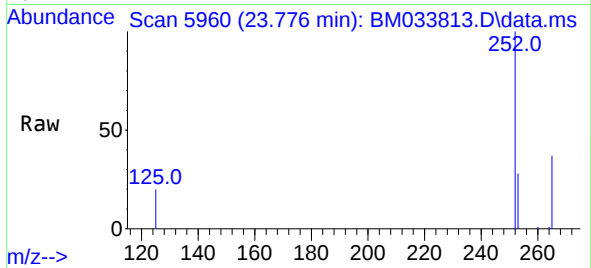




#26
Benzo(a)pyrene
Concen: 0.616 ng/ul
RT: 23.776 min Scan# 5960
Delta R.T. -0.004 min
Lab File: BM033813.D
Acq: 21 Jan 2022 06:14

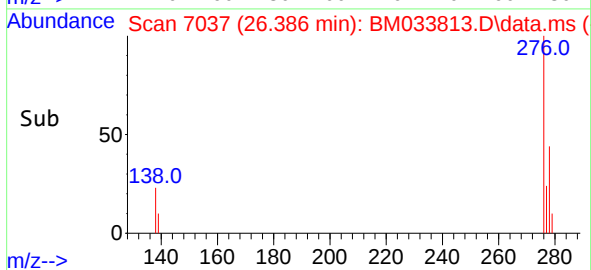
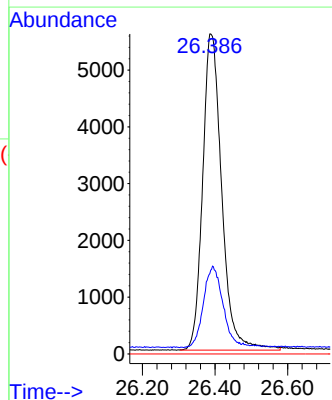
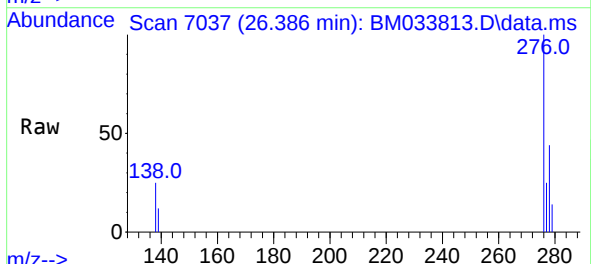
Instrument :
BNA_M
ClientSampleId :
SLCS155

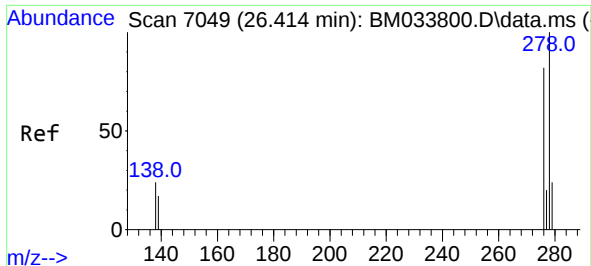
Tgt Ion:252 Resp: 16112
Ion Ratio Lower Upper
252 100
253 27.5 32.0 48.0#
125 20.1 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.597 ng/ul
RT: 26.386 min Scan# 7037
Delta R.T. -0.011 min
Lab File: BM033813.D
Acq: 21 Jan 2022 06:14

Tgt Ion:276 Resp: 20309
Ion Ratio Lower Upper
276 100
138 26.0 15.8 23.6#
227 0.0 0.0 0.0

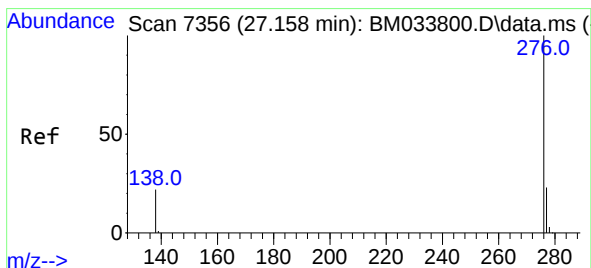
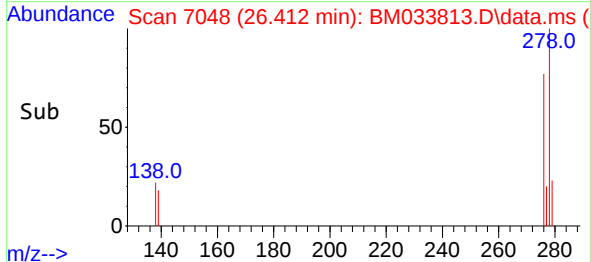
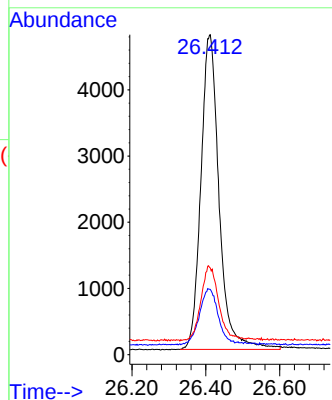
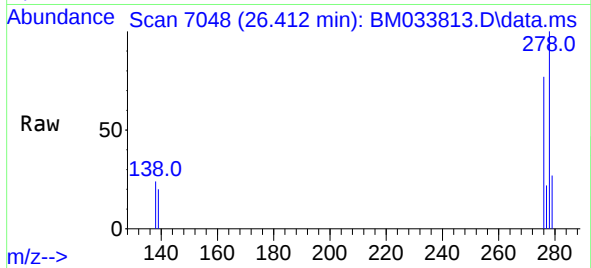




#28
Dibenzo(a,h)anthracene
Concen: 0.601 ng/ul
RT: 26.412 min Scan# 7048
Delta R.T. -0.007 min
Lab File: BM033813.D
Acq: 21 Jan 2022 06:14

Instrument :
BNA_M
ClientSampleId :
SLCS155

Tgt Ion:278 Resp: 16264
Ion Ratio Lower Upper
278 100
139 20.4 18.0 27.0
279 27.1 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.597 ng/ul
RT: 27.158 min Scan# 7356
Delta R.T. -0.009 min
Lab File: BM033813.D
Acq: 21 Jan 2022 06:14

Tgt Ion:276 Resp: 17473
Ion Ratio Lower Upper
276 100
138 24.7 17.4 26.0
277 25.0 22.6 33.8

