

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012422\
 Data File : BM033837.D
 Acq On : 24 Jan 2022 14:30
 Operator : CG/JU
 Sample : SSTD3.248
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2048

Quant Time: Jan 24 15:12:32 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 24 14:03:45 2022
 Response via : Initial Calibration

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

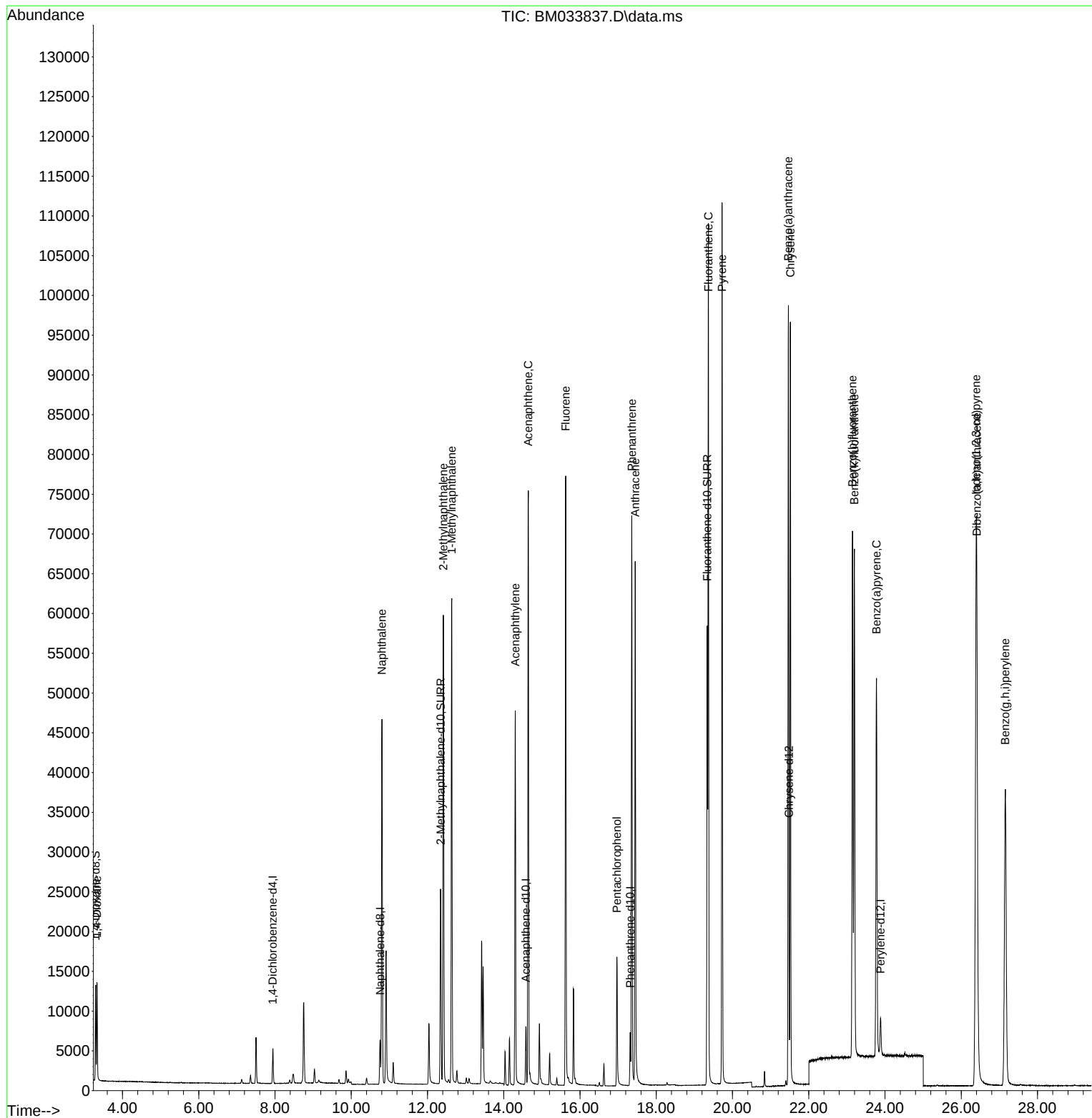
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	2123	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	7482	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.580	164	3966	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	7950	0.400	ng/ul	0.00
17) Chrysene-d12	21.480	240	6576	0.400	ng/ul #	0.00
23) Perylene-d12	23.883	264	6399	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	6769	2.993	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	31758	3.122	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	61091	2.999	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.330	88	7103	2.879	ng/ul#	76
5) Naphthalene	10.805	128	61374	2.831	ng/ul#	87
7) 2-Methylnaphthalene	12.416	142	41400	2.974	ng/ul	100
8) 1-Methylnaphthalene	12.636	142	40519	2.964	ng/ul	99
10) Acenaphthylene	14.303	152	54476	2.972	ng/ul#	89
11) Acenaphthene	14.644	153	42848	2.930	ng/ul	94
12) Fluorene	15.626	166	49216	2.814	ng/ul#	95
14) Pentachlorophenol	16.969	266	11312	3.606	ng/ul	97
15) Phenanthrene	17.358	178	76524	2.972	ng/ul	93
16) Anthracene	17.448	178	73472	3.110	ng/ul#	90
19) Fluoranthene	19.368	202	90462	2.933	ng/ul	98
20) Pyrene	19.727	202	90326	2.895	ng/ul	97
21) Benzo(a)anthracene	21.465	228	81523	2.985	ng/ul	96
22) Chrysene	21.519	228	82346	2.948	ng/ul	97
24) Benzo(b)fluoranthene	23.146	252	87456	3.120	ng/ul	86
25) Benzo(k)fluoranthene	23.197	252	86845	3.158	ng/ul#	84
26) Benzo(a)pyrene	23.776	252	76662	3.146	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.390	276	100276	3.161	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.410	278	79566	3.155	ng/ul#	84
29) Benzo(g,h,i)perylene	27.156	276	84295	3.092	ng/ul	94

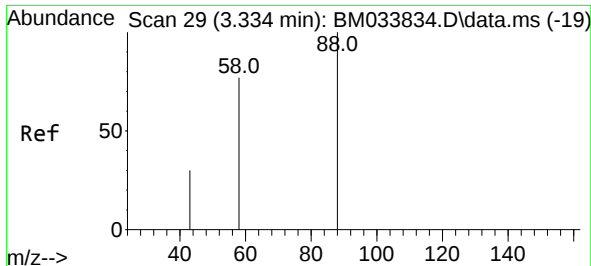
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BM033837.D
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Instrument :
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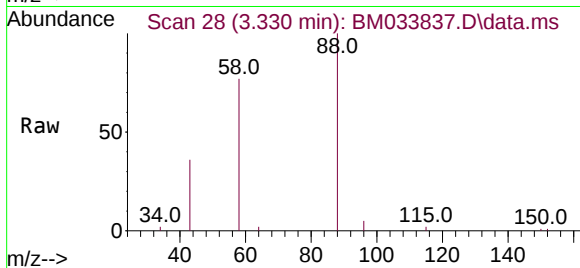
Quant Time: Jan 24 15:12:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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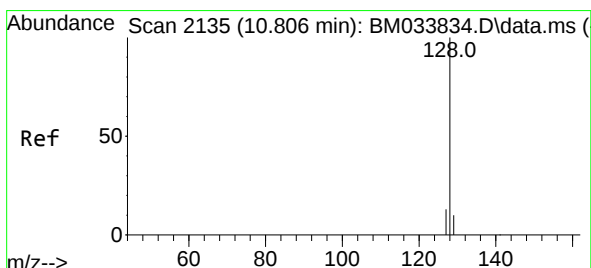
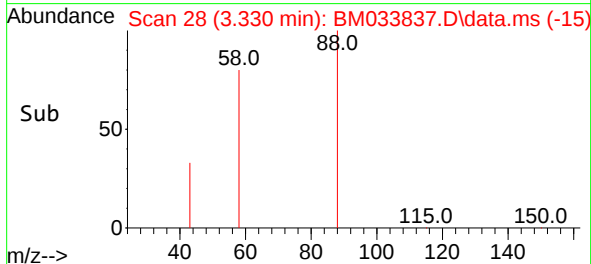
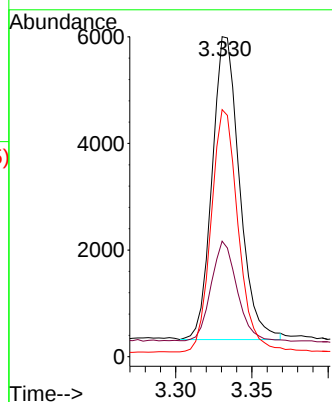


#2
1,4-Dioxane
Concen: 2.879 ng/ul
RT: 3.330 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM033837.D
Acq: 24 Jan 2022 14:30

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

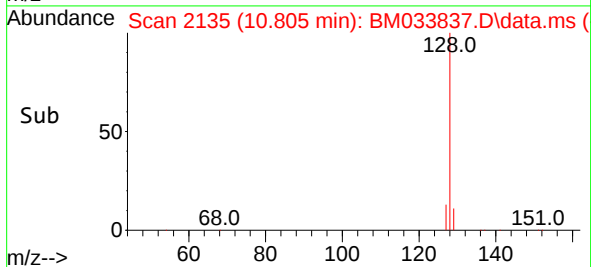
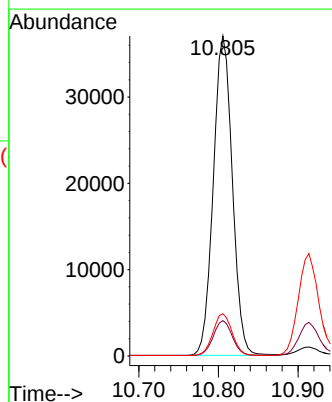
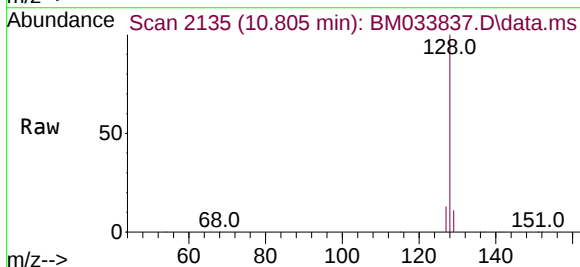


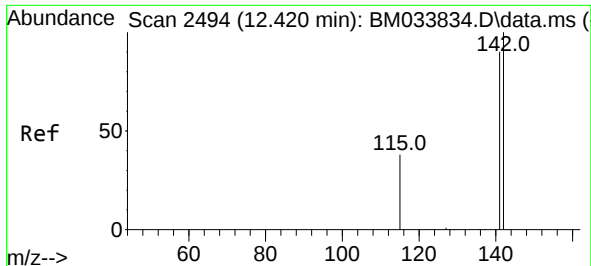
Tgt Ion: 88 Resp: 7103
Ion Ratio Lower Upper
88 100
43 36.1 49.7 74.5#
58 77.2 52.5 78.7



#5
Naphthalene
Concen: 2.831 ng/ul
RT: 10.805 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM033837.D
Acq: 24 Jan 2022 14:30

Tgt Ion: 128 Resp: 61374
Ion Ratio Lower Upper
128 100
129 11.1 13.4 20.2#
127 13.2 15.2 22.8#

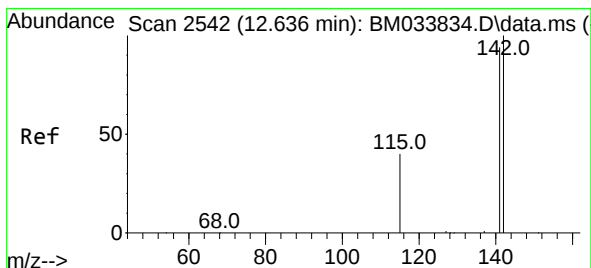
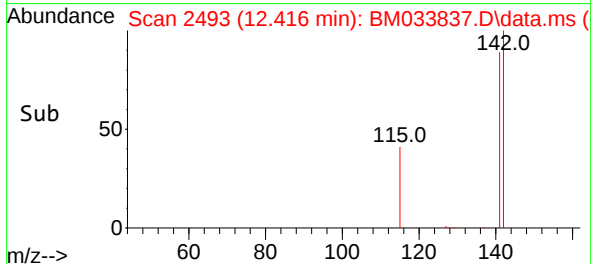
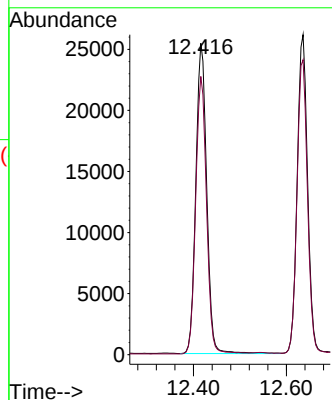
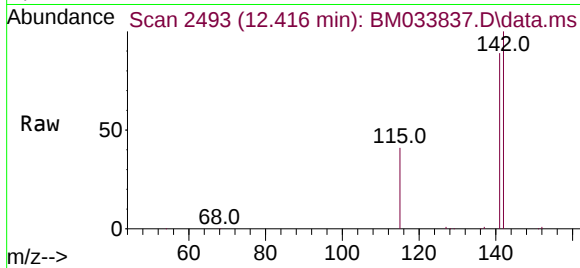




#7
2-Methylnaphthalene
Concen: 2.974 ng/ul
RT: 12.416 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM033837.D
Acq: 24 Jan 2022 14:30

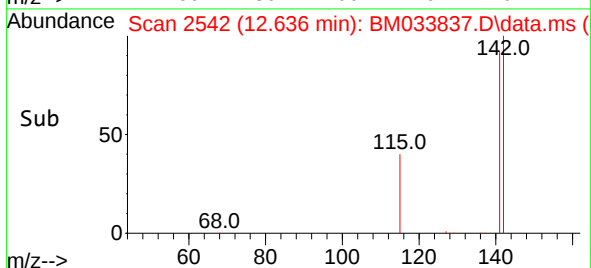
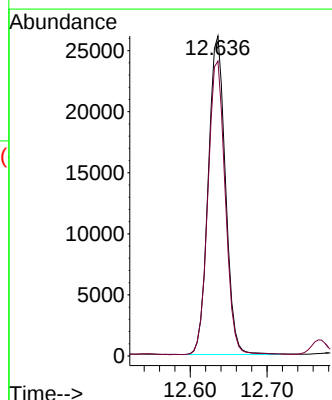
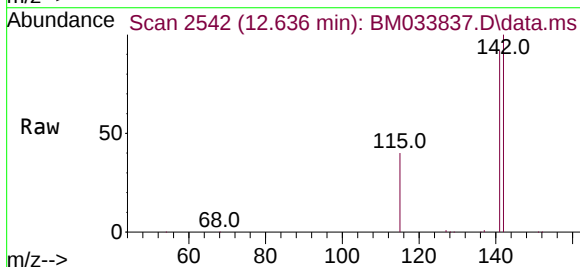
Instrument :
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ClientSampleId :
SSTD3.2048

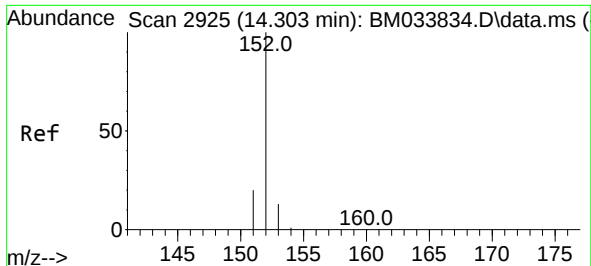
Tgt Ion:142 Resp: 41400
Ion Ratio Lower Upper
142 100
141 89.3 71.8 107.6



#8
1-Methylnaphthalene
Concen: 2.964 ng/ul
RT: 12.636 min Scan# 2542
Delta R.T. -0.000 min
Lab File: BM033837.D
Acq: 24 Jan 2022 14:30

Tgt Ion:142 Resp: 40519
Ion Ratio Lower Upper
142 100
141 92.8 75.0 112.4

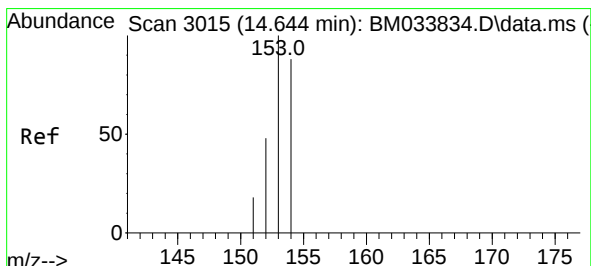
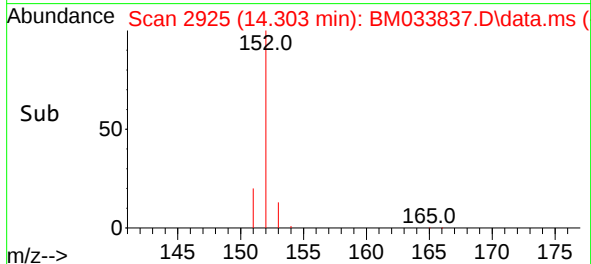
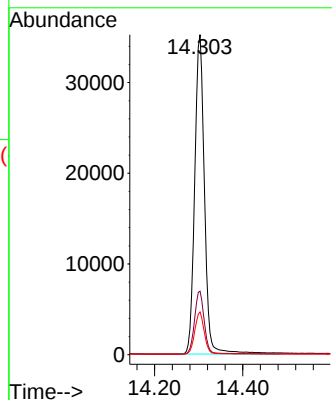
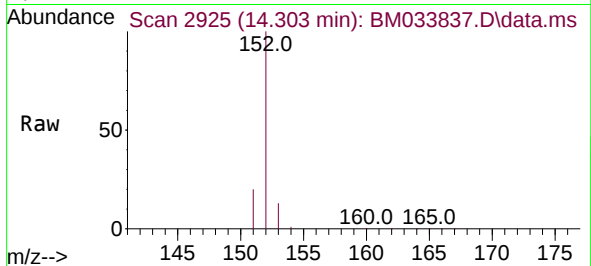




#10
Acenaphthylene
Concen: 2.972 ng/ul
RT: 14.303 min Scan# 2925
Delta R.T. -0.000 min
Lab File: BM033837.D
Acq: 24 Jan 2022 14:30

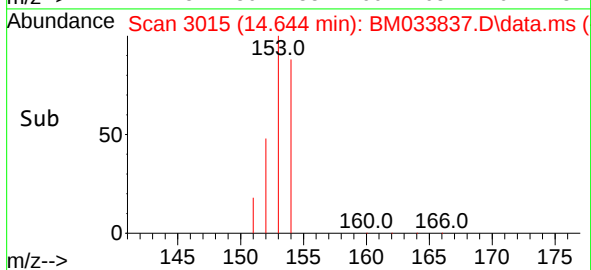
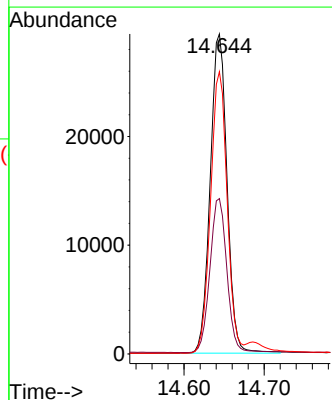
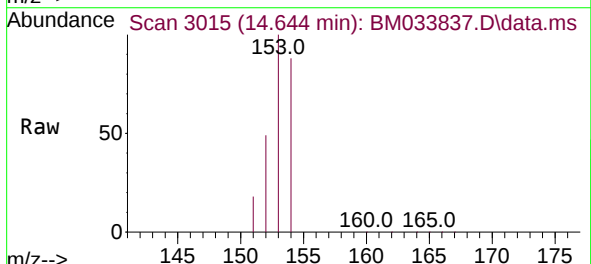
Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

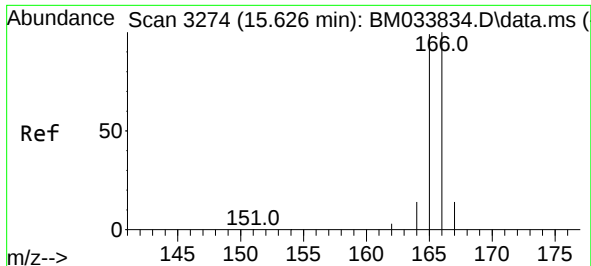
Tgt Ion:152 Resp: 54476
Ion Ratio Lower Upper
152 100
151 19.8 19.9 29.9#
153 13.4 15.0 22.4#



#11
Acenaphthene
Concen: 2.930 ng/ul
RT: 14.644 min Scan# 3015
Delta R.T. -0.000 min
Lab File: BM033837.D
Acq: 24 Jan 2022 14:30

Tgt Ion:153 Resp: 42848
Ion Ratio Lower Upper
153 100
152 48.6 42.4 63.6
154 88.2 66.2 99.2

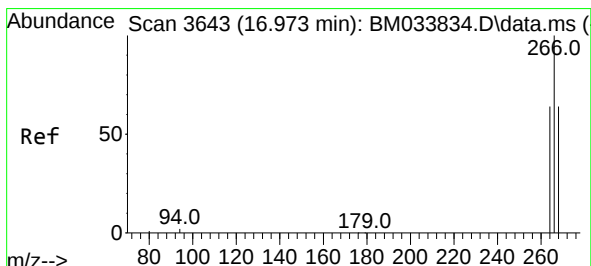
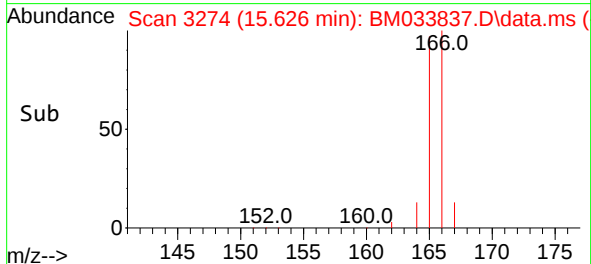
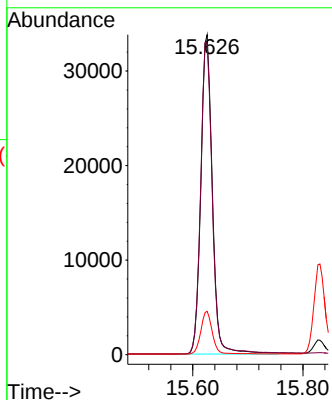
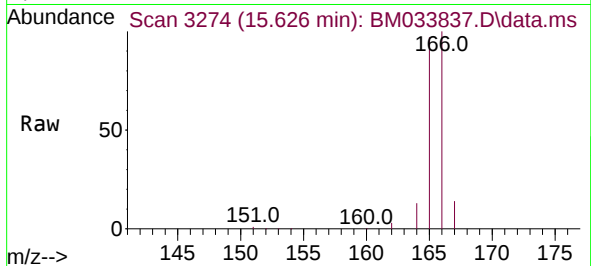




#12
Fluorene
Concen: 2.814 ng/ul
RT: 15.626 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM033837.D
Acq: 24 Jan 2022 14:30

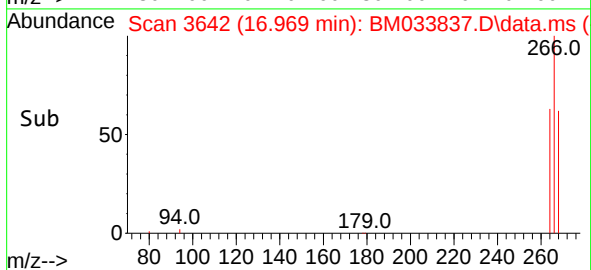
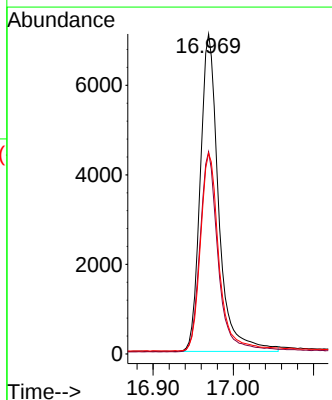
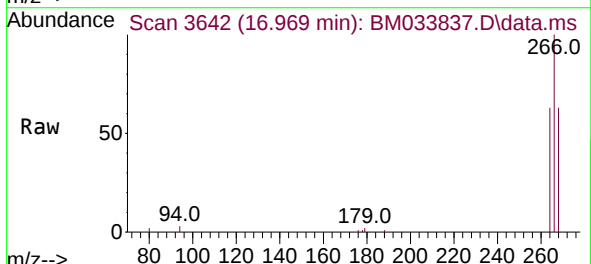
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ClientSampleId :
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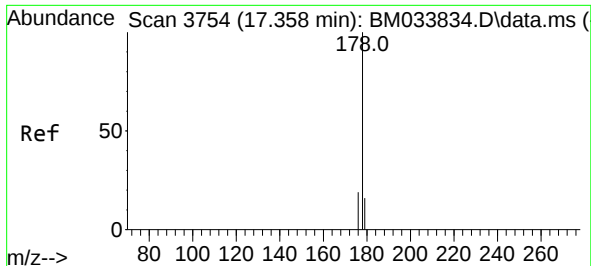
Tgt Ion:166 Resp: 49216
Ion Ratio Lower Upper
166 100
165 97.5 81.1 121.7
167 13.6 14.9 22.3#



#14
Pentachlorophenol
Concen: 3.606 ng/ul
RT: 16.969 min Scan# 3642
Delta R.T. -0.003 min
Lab File: BM033837.D
Acq: 24 Jan 2022 14:30

Tgt Ion:266 Resp: 11312
Ion Ratio Lower Upper
266 100
264 62.5 51.4 77.0
268 62.9 53.1 79.7

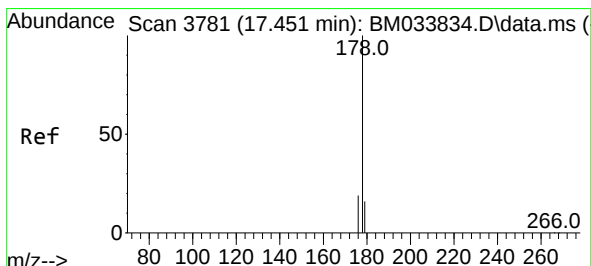
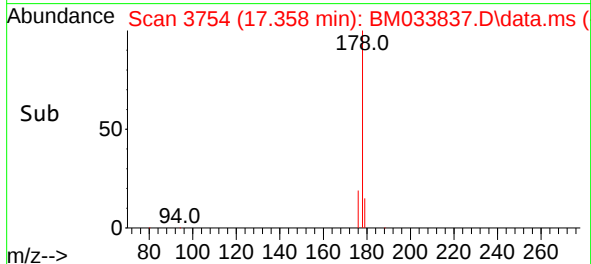
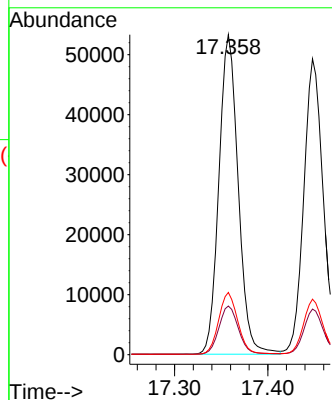
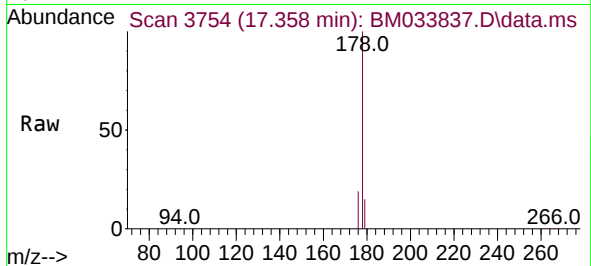




#15
Phenanthrene
Concen: 2.972 ng/ul
RT: 17.358 min Scan# 3754
Delta R.T. -0.000 min
Lab File: BM033837.D
Acq: 24 Jan 2022 14:30

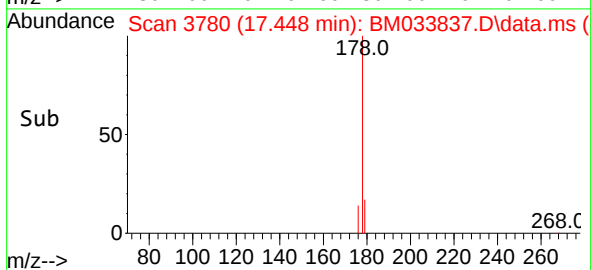
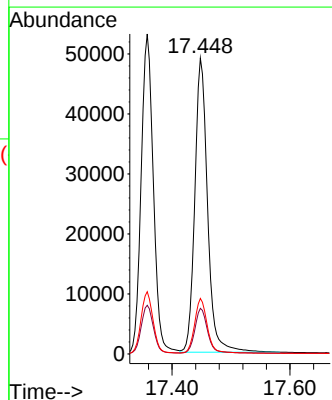
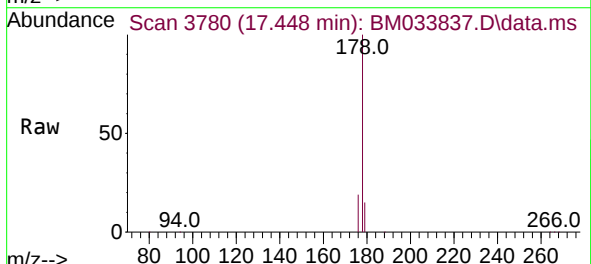
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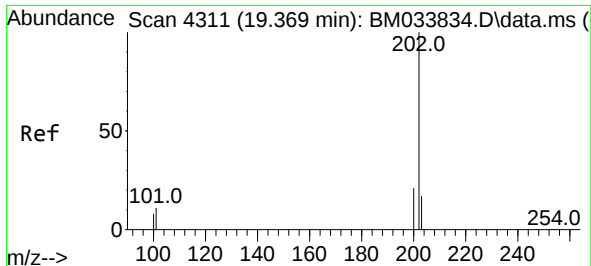
Tgt Ion:178 Resp: 76524
Ion Ratio Lower Upper
178 100
179 15.2 15.0 22.6
176 19.4 17.9 26.9



#16
Anthracene
Concen: 3.110 ng/ul
RT: 17.448 min Scan# 3780
Delta R.T. -0.003 min
Lab File: BM033837.D
Acq: 24 Jan 2022 14:30

Tgt Ion:178 Resp: 73472
Ion Ratio Lower Upper
178 100
179 15.4 16.5 24.7#
176 18.8 18.3 27.5

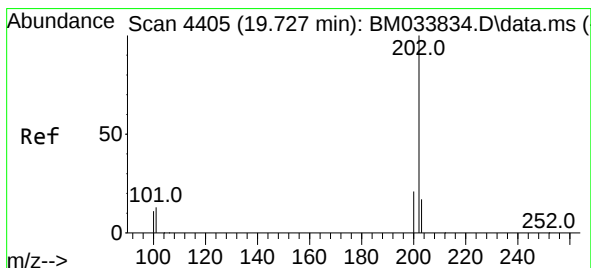
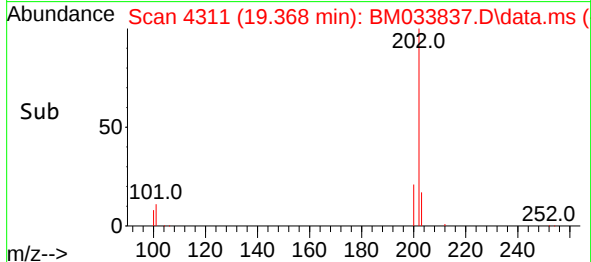
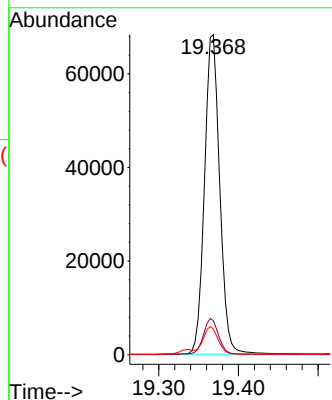
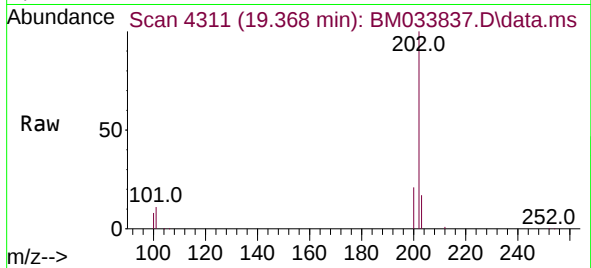




#19
Fluoranthene
Concen: 2.933 ng/u1
RT: 19.368 min Scan# 411
Delta R.T. -0.000 min
Lab File: BM033837.D
Acq: 24 Jan 2022 14:30

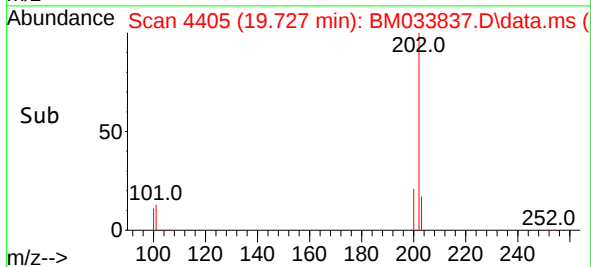
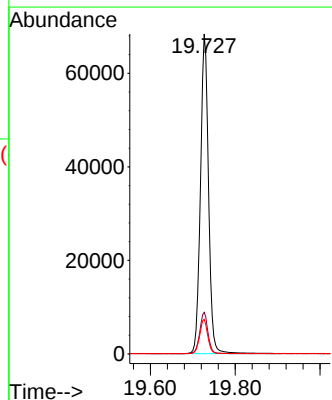
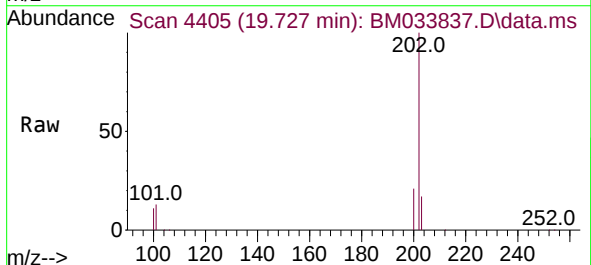
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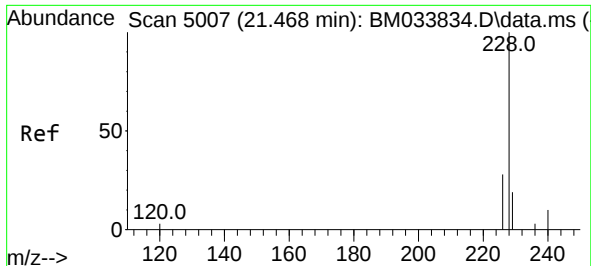
Tgt Ion:202 Resp: 90462
Ion Ratio Lower Upper
202 100
101 10.7 9.2 13.8
100 8.0 7.2 10.8



#20
Pyrene
Concen: 2.895 ng/u1
RT: 19.727 min Scan# 4405
Delta R.T. -0.000 min
Lab File: BM033837.D
Acq: 24 Jan 2022 14:30

Tgt Ion:202 Resp: 90326
Ion Ratio Lower Upper
202 100
101 13.0 9.3 13.9
100 10.8 7.8 11.6

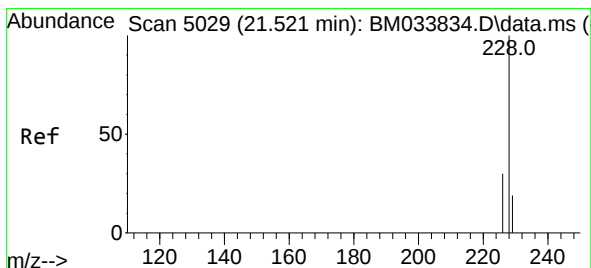
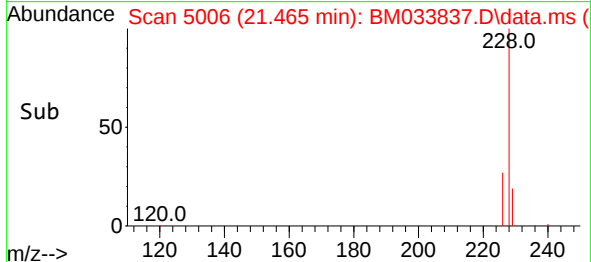
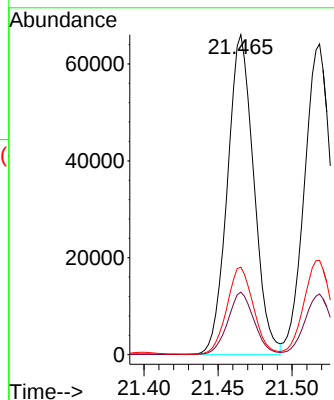
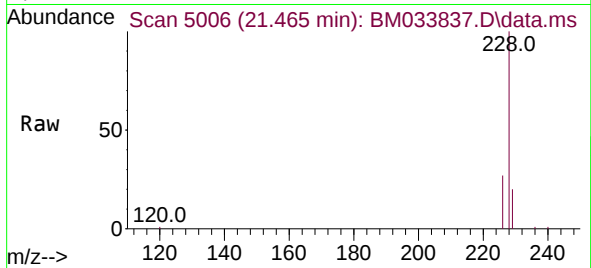




#21
Benzo(a)anthracene
Concen: 2.985 ng/ul
RT: 21.465 min Scan# 5006
Delta R.T. -0.002 min
Lab File: BM033837.D
Acq: 24 Jan 2022 14:30

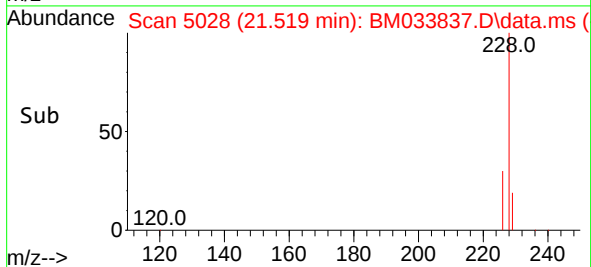
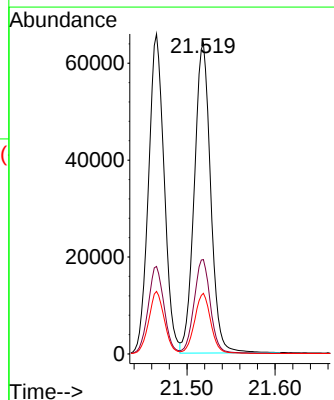
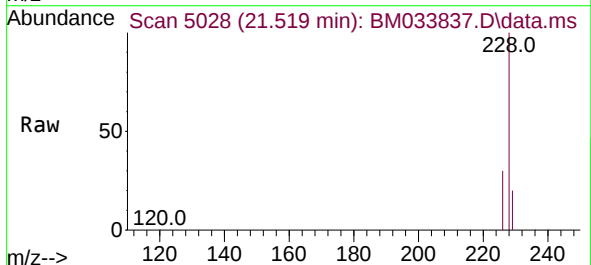
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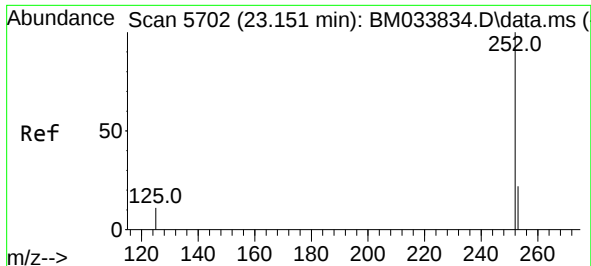
Tgt Ion:228 Resp: 81523
Ion Ratio Lower Upper
228 100
229 19.5 17.3 25.9
226 27.4 23.2 34.8



#22
Chrysene
Concen: 2.948 ng/ul
RT: 21.519 min Scan# 5028
Delta R.T. -0.002 min
Lab File: BM033837.D
Acq: 24 Jan 2022 14:30

Tgt Ion:228 Resp: 82346
Ion Ratio Lower Upper
228 100
226 30.4 25.8 38.8
229 19.5 16.7 25.1

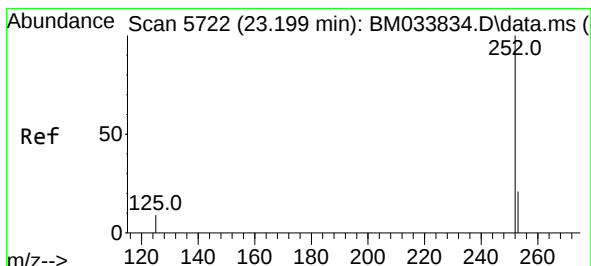
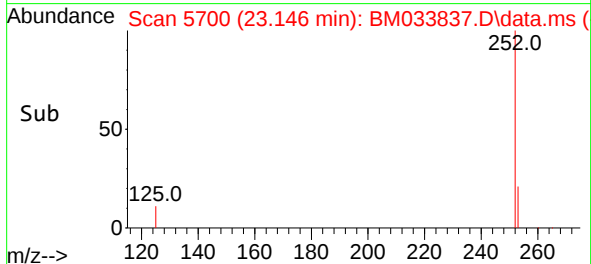
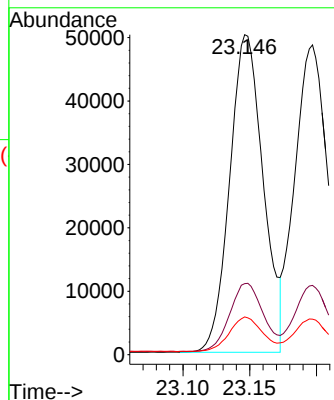
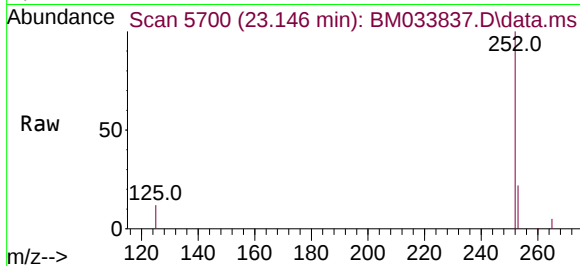




#24
Benzo(b)fluoranthene
Concen: 3.120 ng/ul
RT: 23.146 min Scan# 5700
Delta R.T. -0.005 min
Lab File: BM033837.D
Acq: 24 Jan 2022 14:30

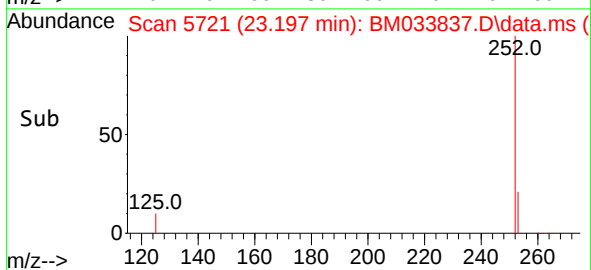
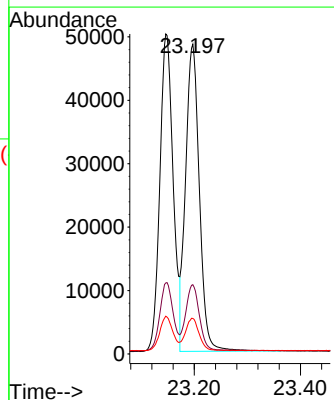
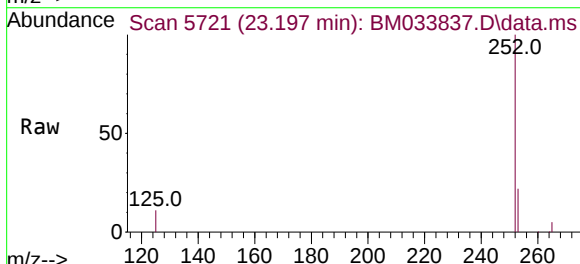
Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

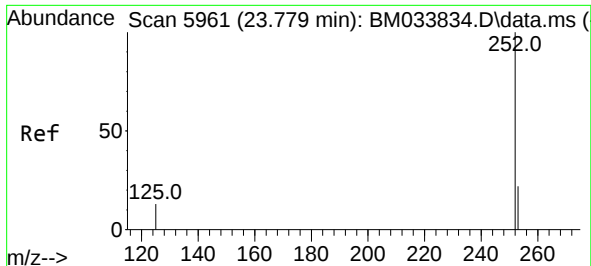
Tgt Ion:252 Resp: 87456
Ion Ratio Lower Upper
252 100
253 22.2 0.0 64.2
125 11.8 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 3.158 ng/ul
RT: 23.197 min Scan# 5721
Delta R.T. -0.002 min
Lab File: BM033837.D
Acq: 24 Jan 2022 14:30

Tgt Ion:252 Resp: 86845
Ion Ratio Lower Upper
252 100
253 22.4 26.8 40.2#
125 11.5 12.0 18.0#

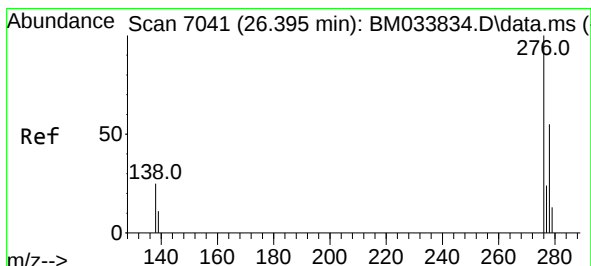
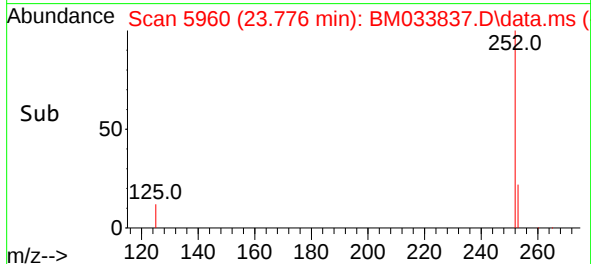
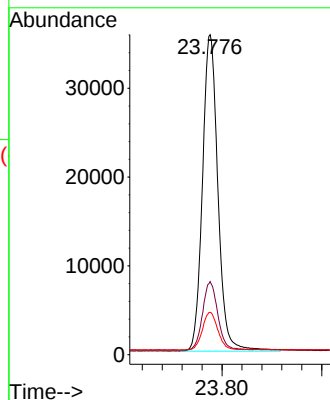
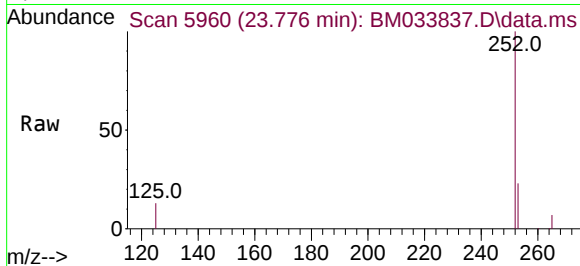




#26
Benzo(a)pyrene
Concen: 3.146 ng/ul
RT: 23.776 min Scan# 5961
Delta R.T. -0.002 min
Lab File: BM033837.D
Acq: 24 Jan 2022 14:30

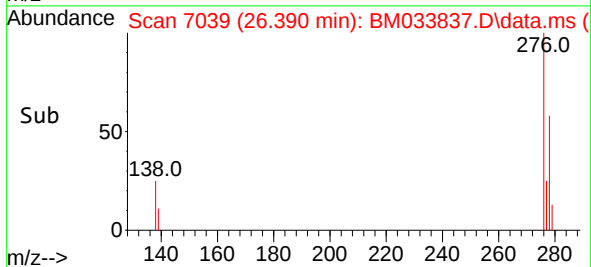
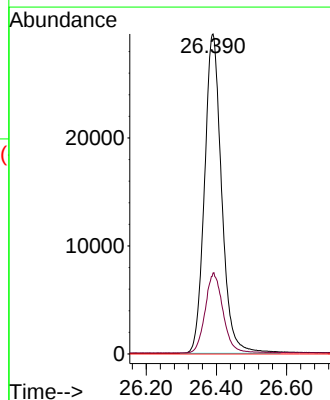
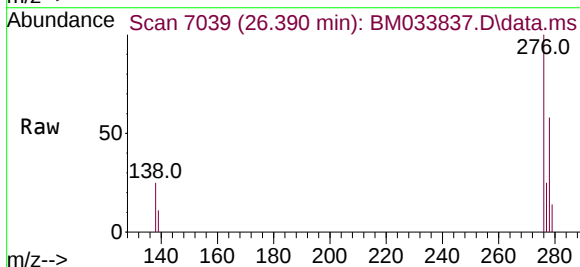
Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

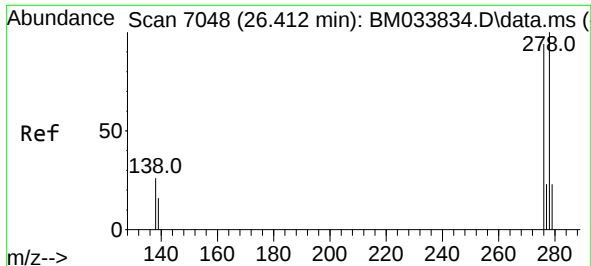
Tgt Ion:252 Resp: 76662
Ion Ratio Lower Upper
252 100
253 22.8 32.0 48.0#
125 13.3 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.161 ng/ul
RT: 26.390 min Scan# 7039
Delta R.T. -0.005 min
Lab File: BM033837.D
Acq: 24 Jan 2022 14:30

Tgt Ion:276 Resp: 100276
Ion Ratio Lower Upper
276 100
138 26.1 15.8 23.6#
227 0.0 0.0 0.0

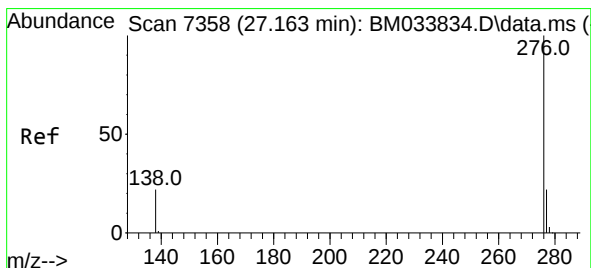
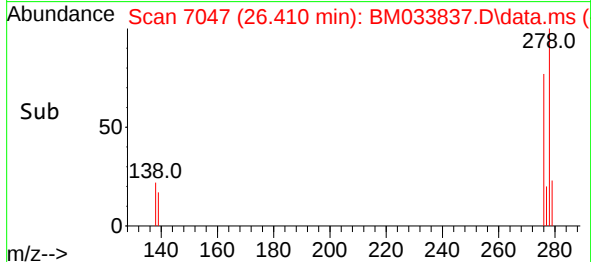
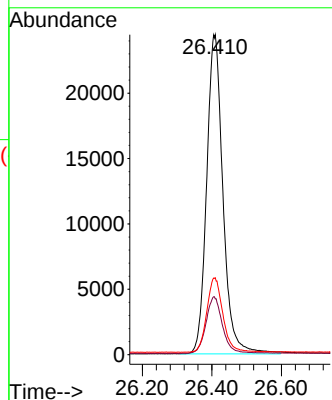
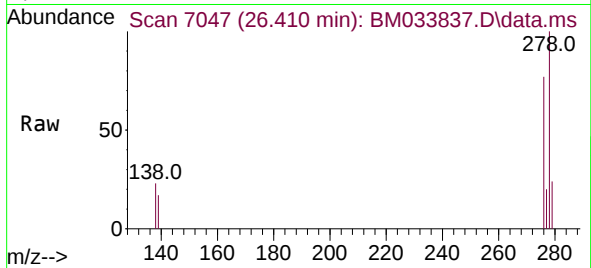




#28
 Dibenzo(a,h)anthracene
 Concen: 3.155 ng/ul
 RT: 26.410 min Scan# 7048
 Delta R.T. -0.002 min
 Lab File: BM033837.D
 Acq: 24 Jan 2022 14:30

Instrument :
 BNA_M
 ClientSampleId :
 SST03.2048

Tgt Ion:278 Resp: 79566
 Ion Ratio Lower Upper
 278 100
 139 17.5 18.0 27.0#
 279 24.1 28.6 42.8#



#29
 Benzo(g,h,i)perylene
 Concen: 3.092 ng/ul
 RT: 27.156 min Scan# 7355
 Delta R.T. -0.007 min
 Lab File: BM033837.D
 Acq: 24 Jan 2022 14:30

Tgt Ion:276 Resp: 84295
 Ion Ratio Lower Upper
 276 100
 138 22.6 17.4 26.0
 277 23.7 22.6 33.8

