

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012422\
 Data File : BM033832.D
 Acq On : 24 Jan 2022 11:32
 Operator : CG/JU
 Sample : SST0.143
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1043

Quant Time: Jan 24 14:05:04 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)

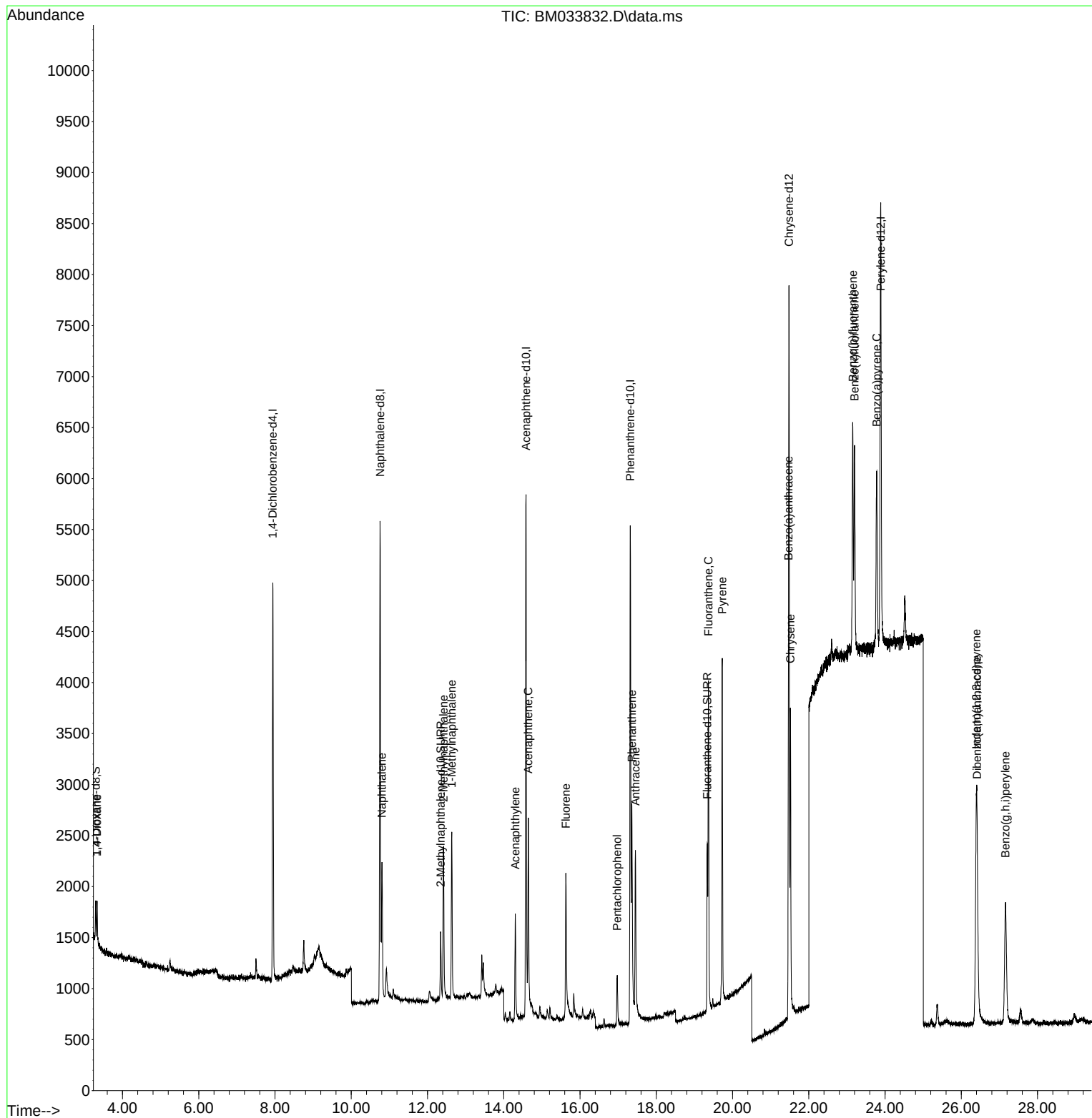
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	1961	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	6725	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.583	164	3131	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.319	188	7000	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	5955	0.400	ng/ul #	0.00
23) Perylene-d12	23.887	264	6136	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	265	0.127	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	930	0.102	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	1921	0.104	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	266	0.117	ng/ul#	70
5) Naphthalene	10.805	128	1942	0.100	ng/ul	98
7) 2-Methylnaphthalene	12.420	142	1225	0.098	ng/ul	99
8) 1-Methylnaphthalene	12.636	142	1202	0.098	ng/ul	99
10) Acenaphthylene	14.303	152	1471	0.102	ng/ul	99
11) Acenaphthene	14.644	153	1175	0.102	ng/ul	95
12) Fluorene	15.630	166	1370	0.099	ng/ul#	97
14) Pentachlorophenol	16.976	266	377	0.136	ng/ul	98
15) Phenanthrene	17.361	178	2354	0.104	ng/ul	98
16) Anthracene	17.451	178	2173	0.104	ng/ul	96
19) Fluoranthene	19.368	202	2865	0.103	ng/ul#	92
20) Pyrene	19.730	202	2990	0.106	ng/ul#	90
21) Benzo(a)anthracene	21.467	228	2621	0.106	ng/ul	97
22) Chrysene	21.518	228	2789	0.110	ng/ul	97
24) Benzo(b)fluoranthene	23.153	252	2939	0.109	ng/ul#	58
25) Benzo(k)fluoranthene	23.199	252	2847	0.108	ng/ul#	69
26) Benzo(a)pyrene	23.780	252	2471	0.106	ng/ul#	56
27) Indeno(1,2,3-cd)pyrene	26.395	276	3340	0.110	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.416	278	2625	0.109	ng/ul#	80
29) Benzo(g,h,i)perylene	27.160	276	2822	0.108	ng/ul#	82

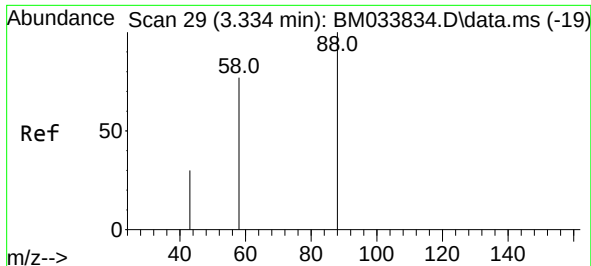
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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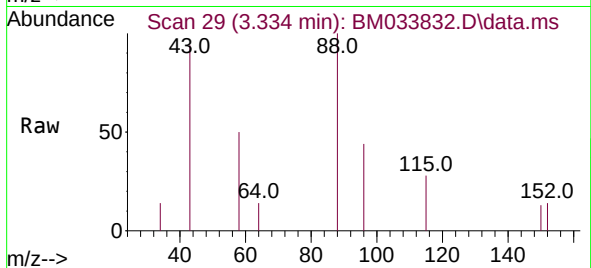
Quant Time: Jan 24 14:05:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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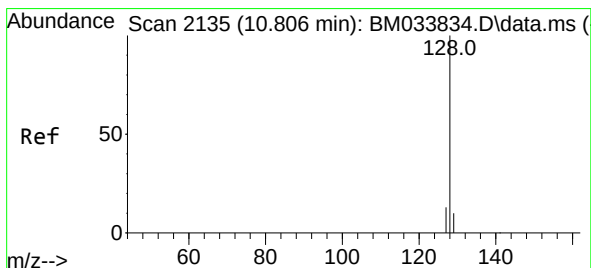
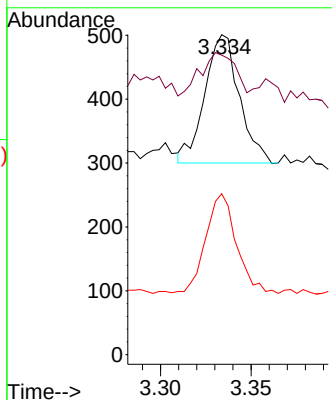
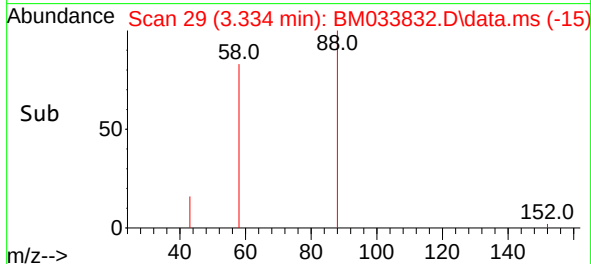
#2
1,4-Dioxane
Concen: 0.117 ng/ul
RT: 3.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM033832.D
Acq: 24 Jan 2022 11:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043



Tgt Ion: 88 Resp: 266

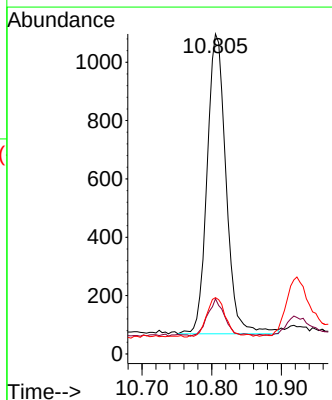
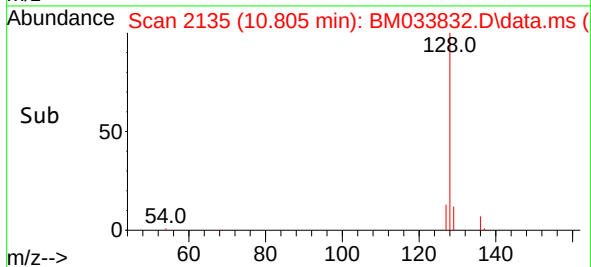
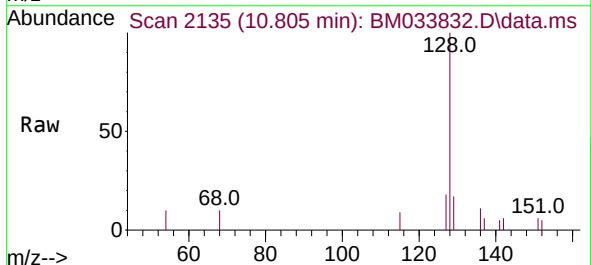
Ion	Ratio	Lower	Upper
88	100		
43	93.6	49.7	74.5#
58	50.3	52.5	78.7#

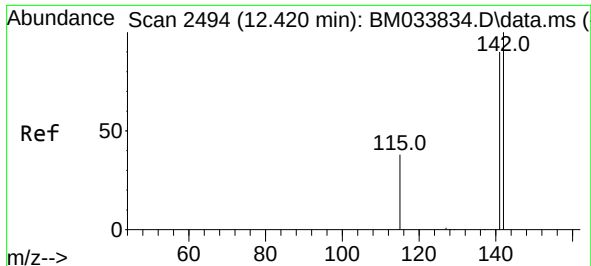


#5
Naphthalene
Concen: 0.100 ng/ul
RT: 10.805 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM033832.D
Acq: 24 Jan 2022 11:32

Tgt Ion: 128 Resp: 1942

Ion	Ratio	Lower	Upper
128	100		
129	17.2	13.4	20.2
127	17.6	15.2	22.8

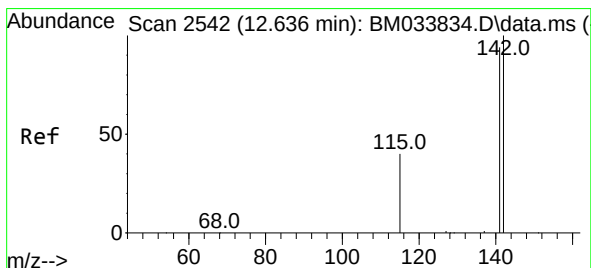
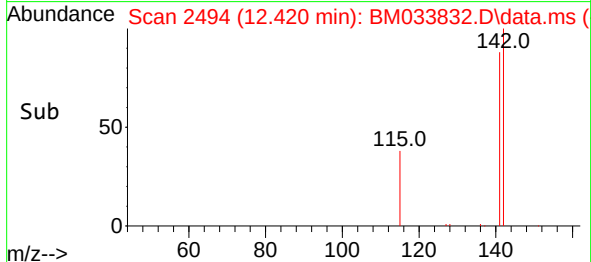
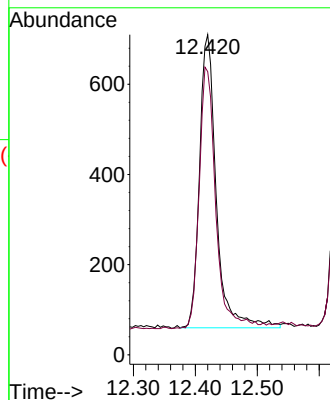
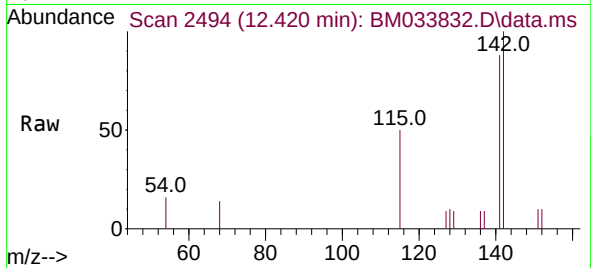




#7
2-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 12.420 min Scan# 2494
Delta R.T. -0.000 min
Lab File: BM033832.D
Acq: 24 Jan 2022 11:32

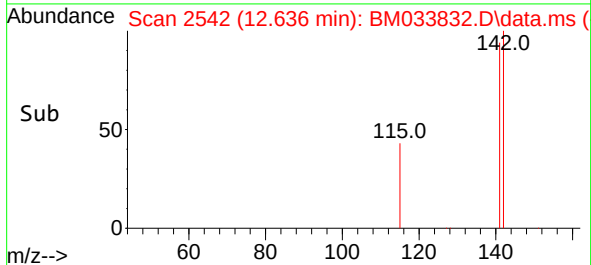
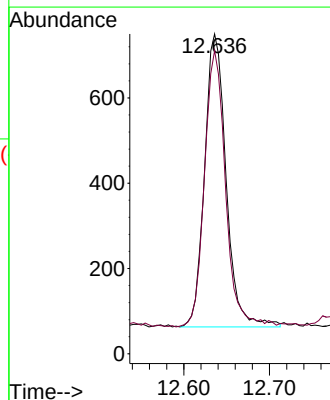
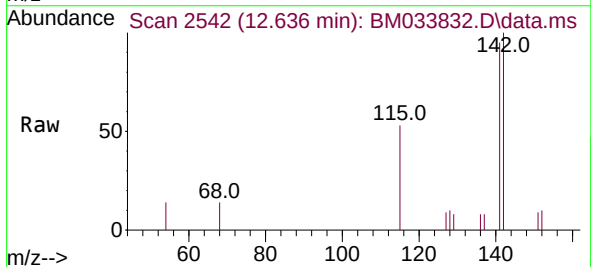
Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

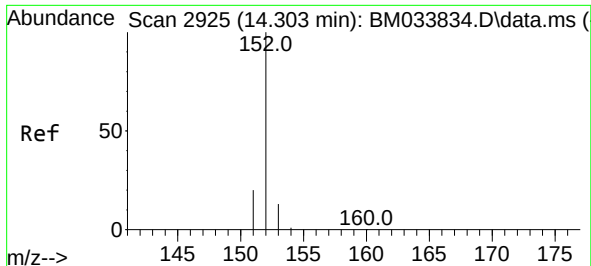
Tgt Ion:142 Resp: 1225
Ion Ratio Lower Upper
142 100
141 88.3 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 12.636 min Scan# 2542
Delta R.T. -0.000 min
Lab File: BM033832.D
Acq: 24 Jan 2022 11:32

Tgt Ion:142 Resp: 1202
Ion Ratio Lower Upper
142 100
141 92.8 75.0 112.4

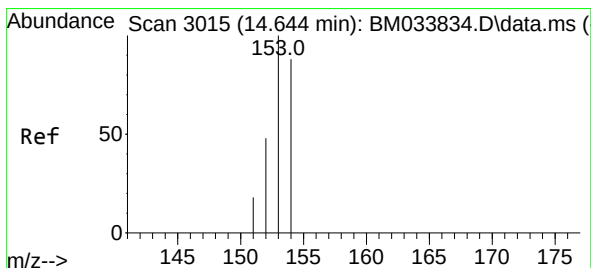
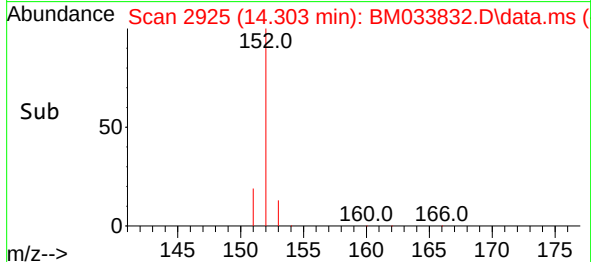
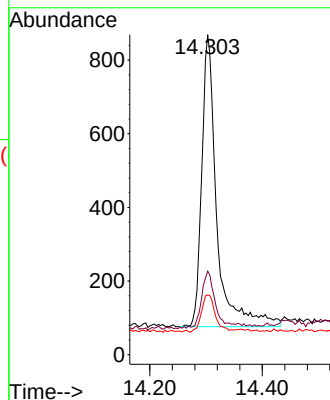
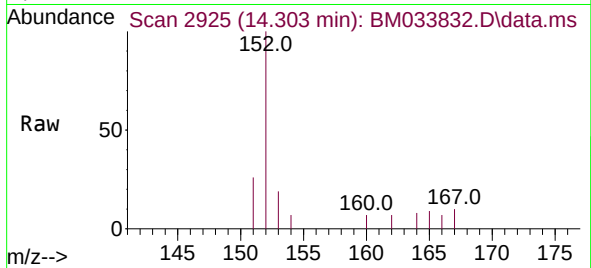




#10
Acenaphthylene
Concen: 0.102 ng/ul
RT: 14.303 min Scan# 2925
Delta R.T. -0.000 min
Lab File: BM033832.D
Acq: 24 Jan 2022 11:32

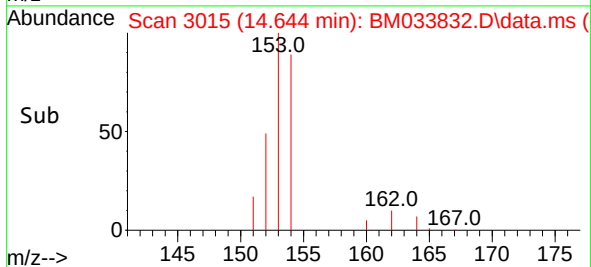
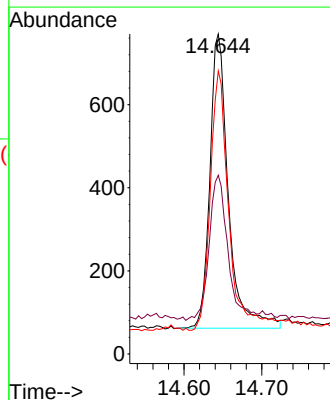
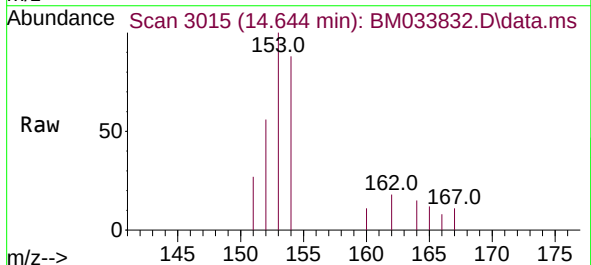
Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

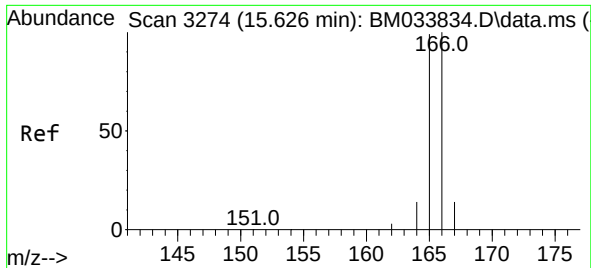
Tgt Ion:152 Resp: 1471
Ion Ratio Lower Upper
152 100
151 26.1 19.9 29.9
153 18.6 15.0 22.4



#11
Acenaphthene
Concen: 0.102 ng/ul
RT: 14.644 min Scan# 3015
Delta R.T. -0.000 min
Lab File: BM033832.D
Acq: 24 Jan 2022 11:32

Tgt Ion:153 Resp: 1175
Ion Ratio Lower Upper
153 100
152 55.8 42.4 63.6
154 88.4 66.2 99.2

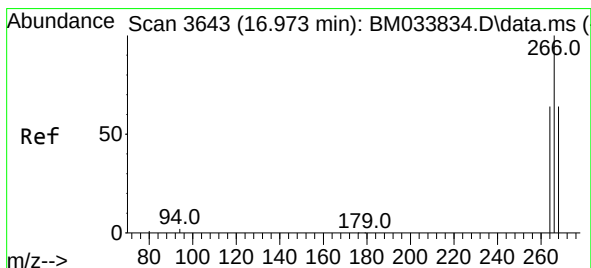
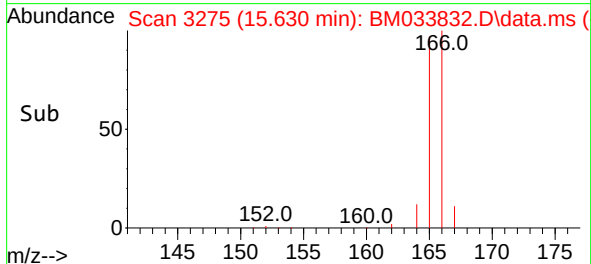
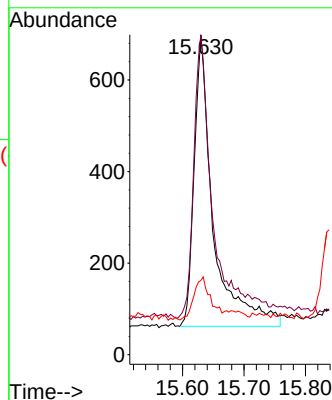
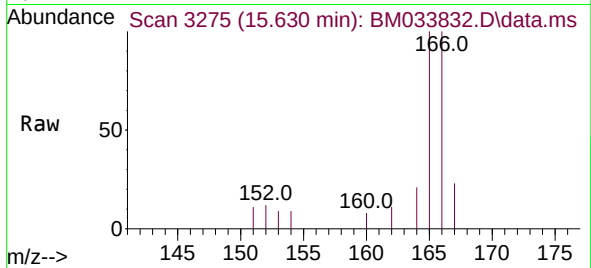




#12
Fluorene
Concen: 0.099 ng/ul
RT: 15.630 min Scan# 31
Delta R.T. 0.004 min
Lab File: BM033832.D
Acq: 24 Jan 2022 11:32

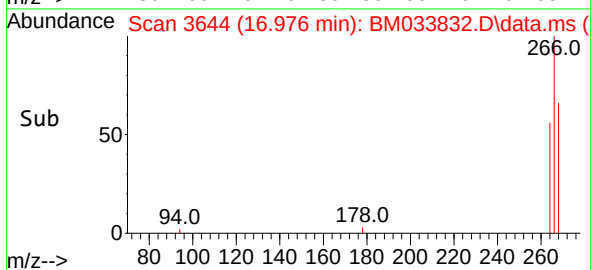
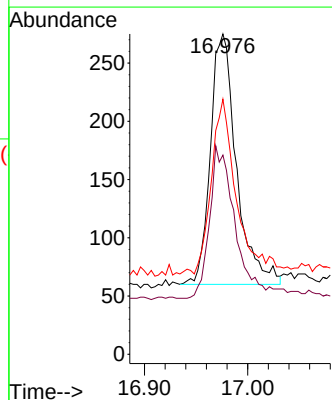
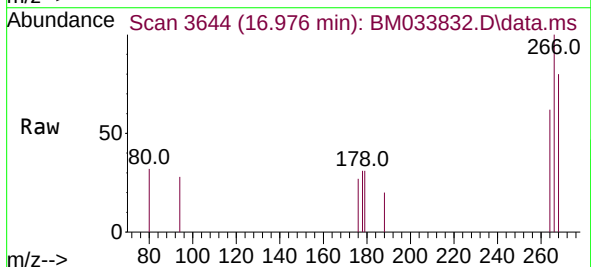
Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

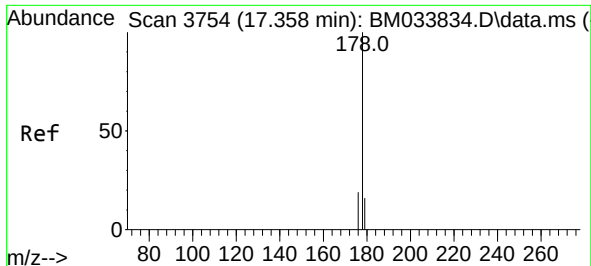
Tgt Ion:166 Resp: 1370
Ion Ratio Lower Upper
166 100
165 100.1 81.1 121.7
167 23.2 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.136 ng/ul
RT: 16.976 min Scan# 3644
Delta R.T. 0.003 min
Lab File: BM033832.D
Acq: 24 Jan 2022 11:32

Tgt Ion:266 Resp: 377
Ion Ratio Lower Upper
266 100
264 62.3 51.4 77.0
268 67.4 53.1 79.7

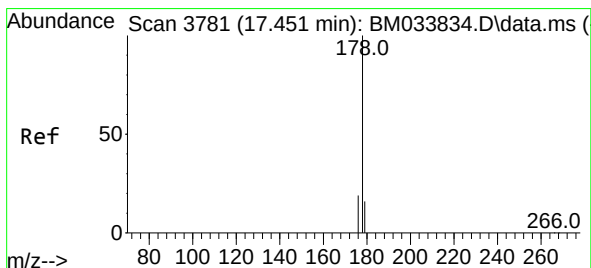
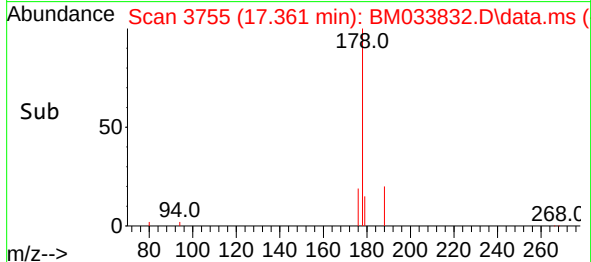
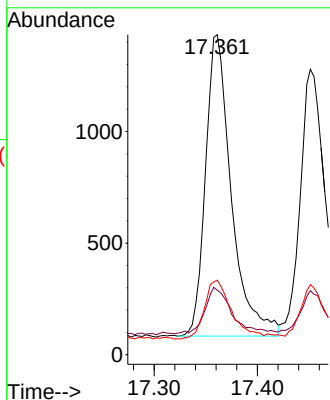
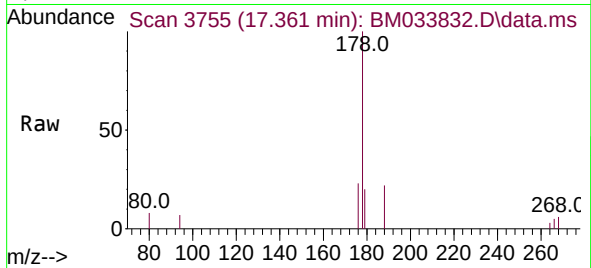




#15
Phenanthrene
Concen: 0.104 ng/ul
RT: 17.361 min Scan# 31
Delta R.T. 0.003 min
Lab File: BM033832.D
Acq: 24 Jan 2022 11:32

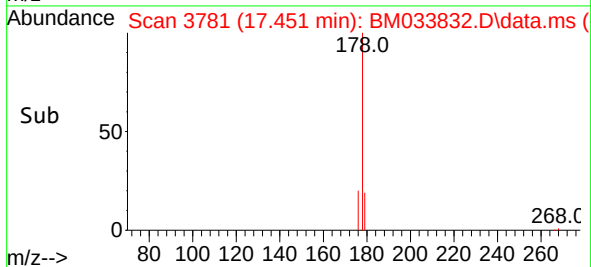
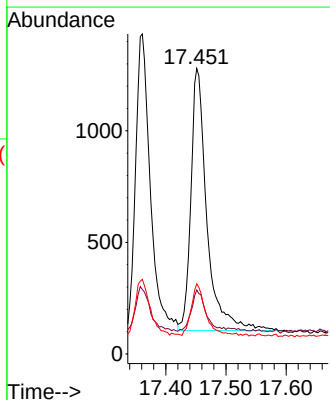
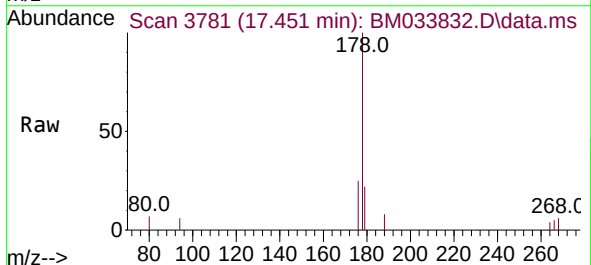
Instrument :
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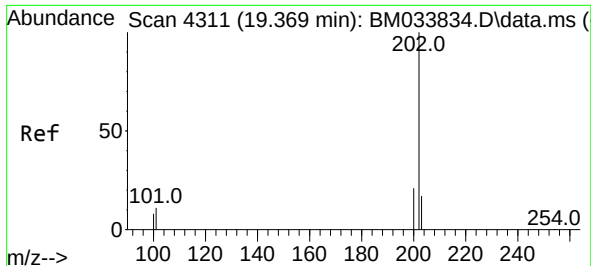
Tgt Ion:178 Resp: 2354
Ion Ratio Lower Upper
178 100
179 20.2 15.0 22.6
176 23.3 17.9 26.9



#16
Anthracene
Concen: 0.104 ng/ul
RT: 17.451 min Scan# 3781
Delta R.T. -0.000 min
Lab File: BM033832.D
Acq: 24 Jan 2022 11:32

Tgt Ion:178 Resp: 2173
Ion Ratio Lower Upper
178 100
179 22.4 16.5 24.7
176 24.6 18.3 27.5

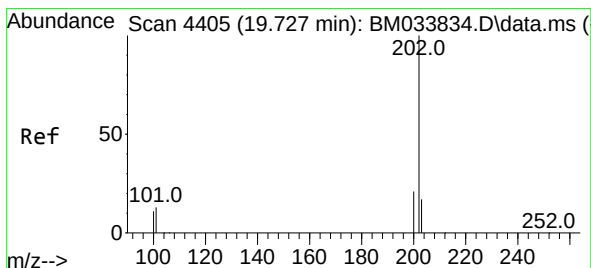
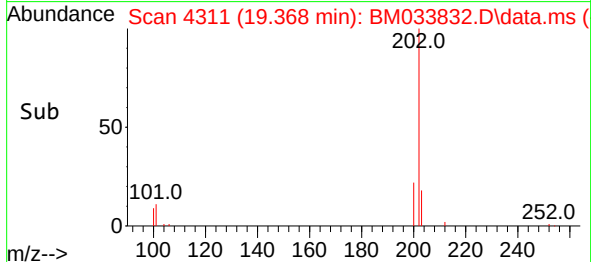
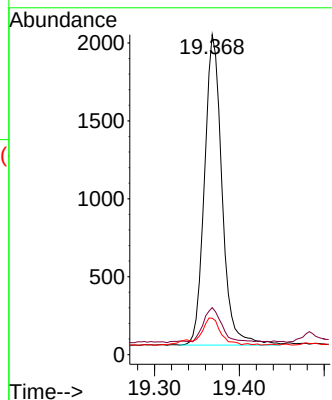
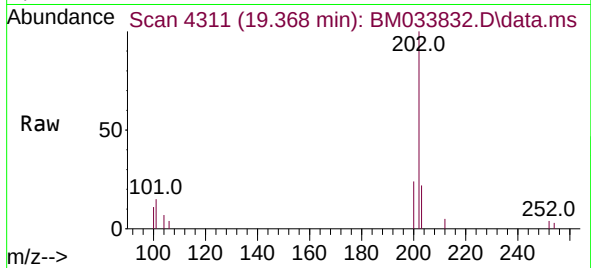




#19
Fluoranthene
Concen: 0.103 ng/u1
RT: 19.368 min Scan# 4311
Delta R.T. -0.000 min
Lab File: BM033832.D
Acq: 24 Jan 2022 11:32

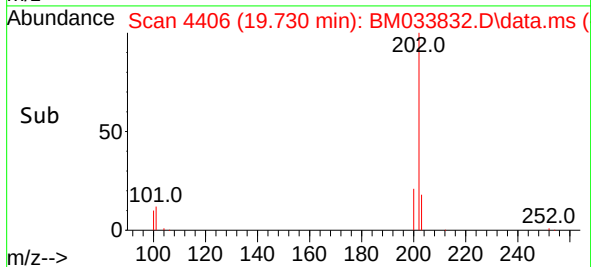
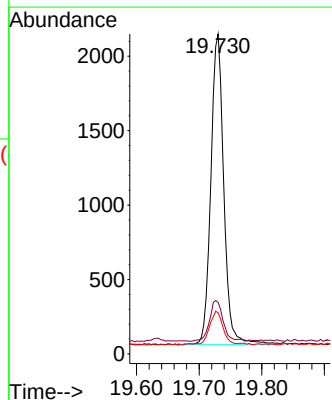
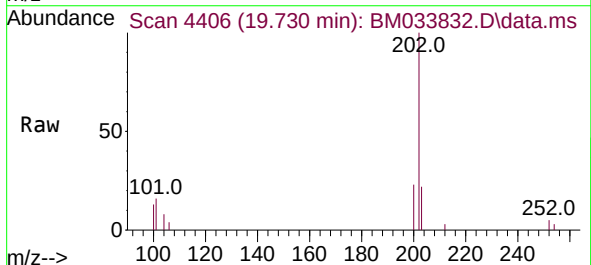
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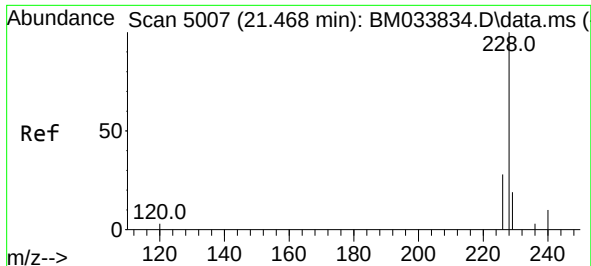
Tgt Ion:202 Resp: 2865
Ion Ratio Lower Upper
202 100
101 14.7 9.2 13.8#
100 11.4 7.2 10.8#



#20
Pyrene
Concen: 0.106 ng/u1
RT: 19.730 min Scan# 4406
Delta R.T. 0.003 min
Lab File: BM033832.D
Acq: 24 Jan 2022 11:32

Tgt Ion:202 Resp: 2990
Ion Ratio Lower Upper
202 100
101 16.1 9.3 13.9#
100 12.9 7.8 11.6#

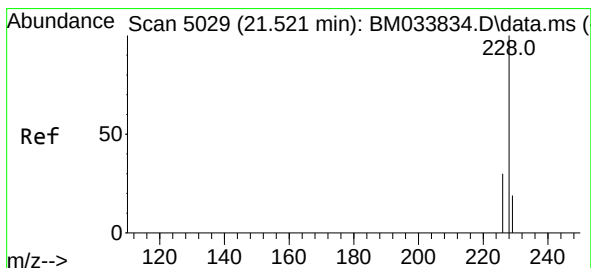
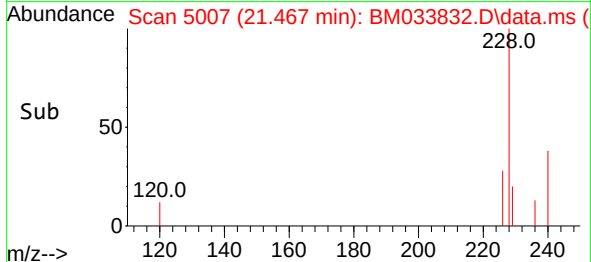
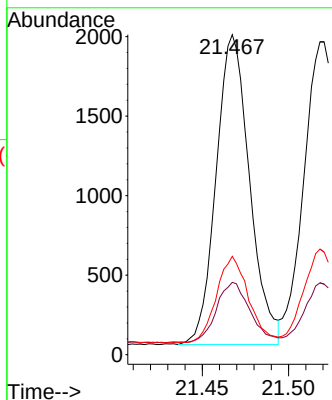
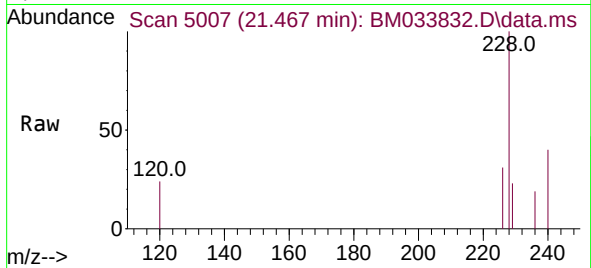




#21
Benzo(a)anthracene
Concen: 0.106 ng/ul
RT: 21.467 min Scan# 5007
Delta R.T. -0.000 min
Lab File: BM033832.D
Acq: 24 Jan 2022 11:32

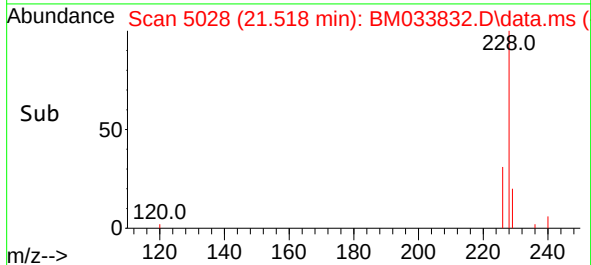
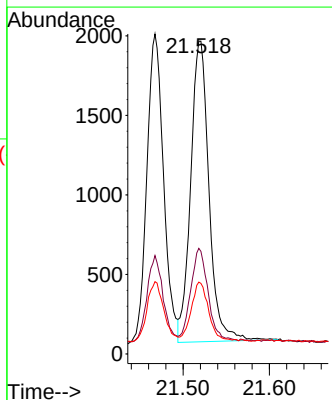
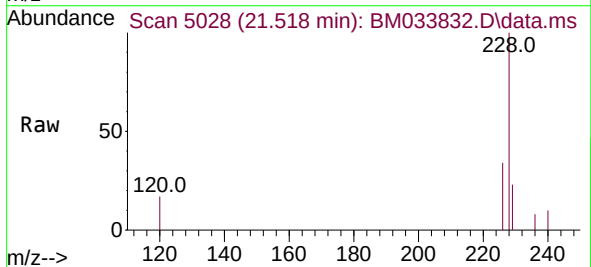
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SSTD0.1043

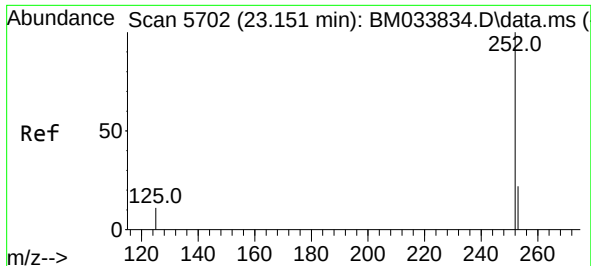
Tgt Ion:228	Resp:	2621
Ion Ratio	Lower	Upper
228	100	
229	22.6	17.3 25.9
226	30.8	23.2 34.8



#22
Chrysene
Concen: 0.110 ng/ul
RT: 21.518 min Scan# 5028
Delta R.T. -0.003 min
Lab File: BM033832.D
Acq: 24 Jan 2022 11:32

Tgt Ion:228	Resp:	2789
Ion Ratio	Lower	Upper
228	100	
226	33.8	25.8 38.8
229	23.0	16.7 25.1

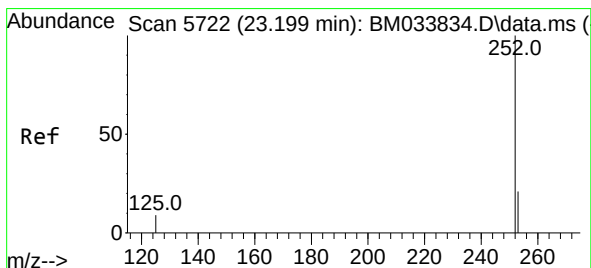
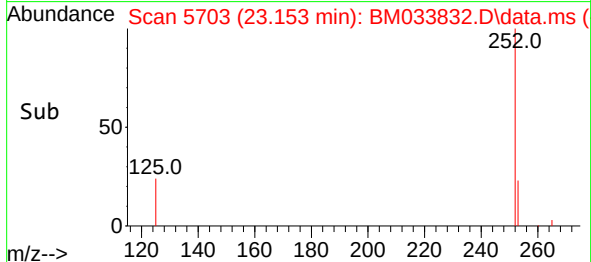
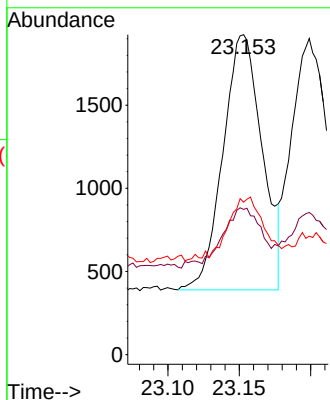
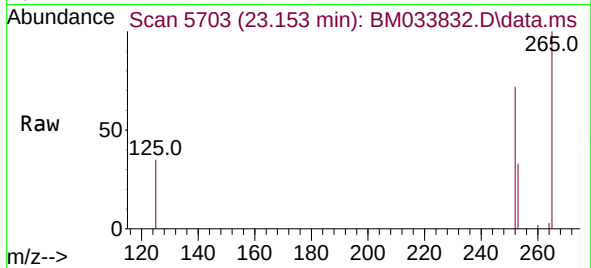




#24
Benzo(b)fluoranthene
Concen: 0.109 ng/ul
RT: 23.153 min Scan# 51
Delta R.T. 0.002 min
Lab File: BM033832.D
Acq: 24 Jan 2022 11:32

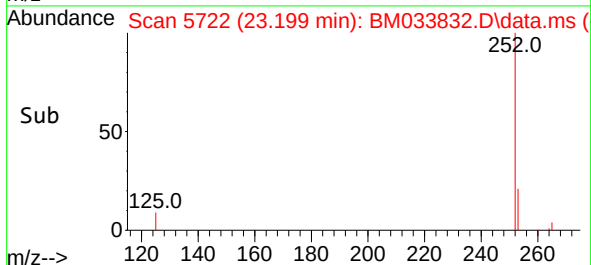
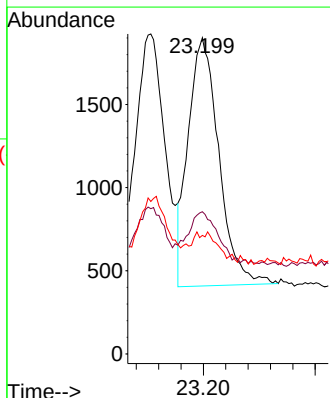
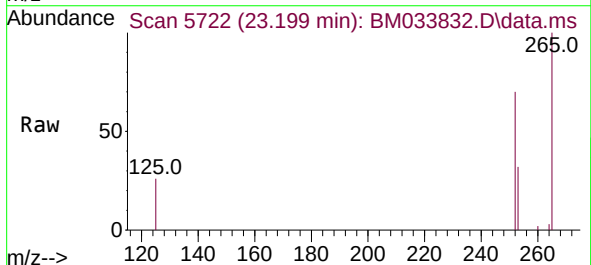
Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

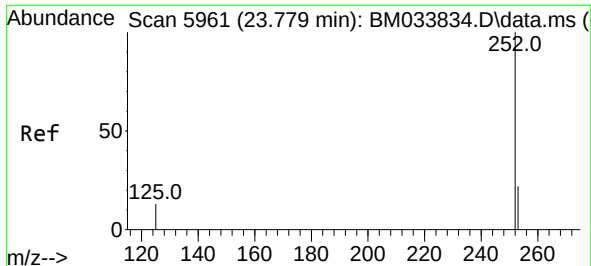
Tgt Ion:252 Resp: 2939
Ion Ratio Lower Upper
252 100
253 45.4 0.0 64.2
125 47.7 0.0 28.8#



#25
Benzo(k)fluoranthene
Concen: 0.108 ng/ul
RT: 23.199 min Scan# 5722
Delta R.T. -0.000 min
Lab File: BM033832.D
Acq: 24 Jan 2022 11:32

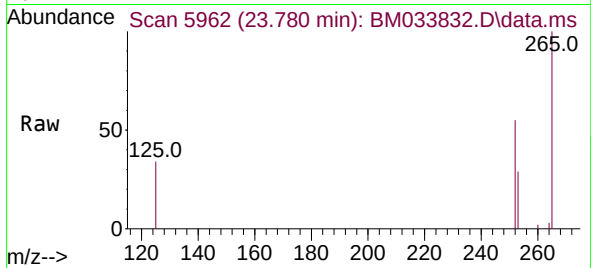
Tgt Ion:252 Resp: 2847
Ion Ratio Lower Upper
252 100
253 45.0 26.8 40.2#
125 37.5 12.0 18.0#



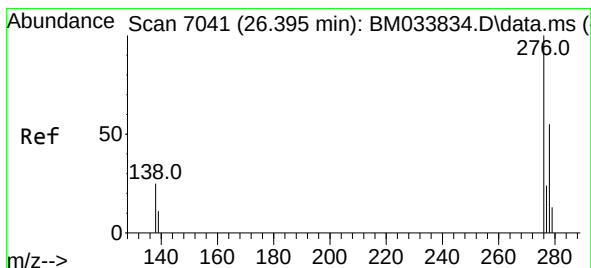
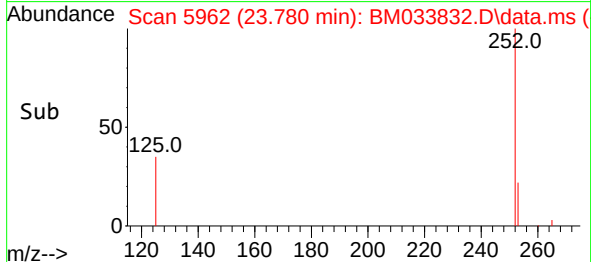
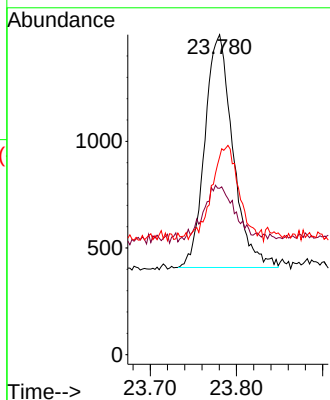


#26
Benzo(a)pyrene
Concen: 0.106 ng/ul
RT: 23.780 min Scan# 5961
Delta R.T. 0.002 min
Lab File: BM033832.D
Acq: 24 Jan 2022 11:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

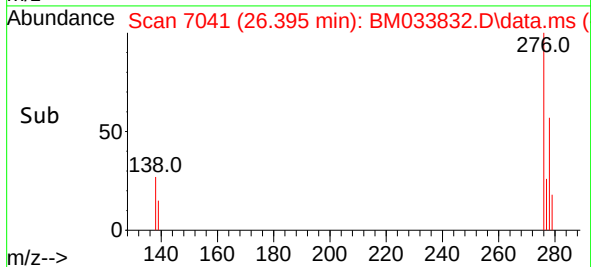
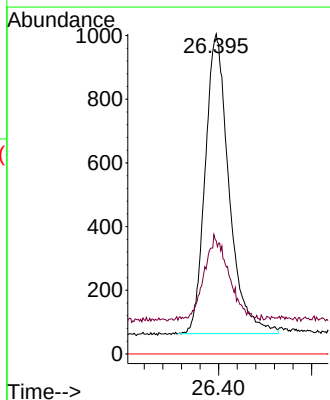
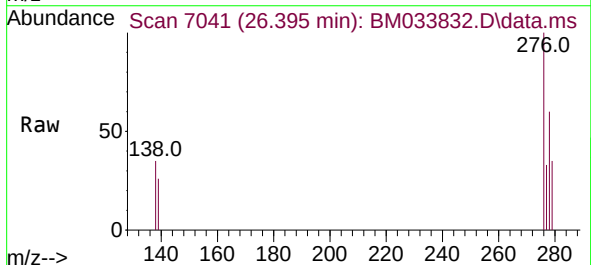


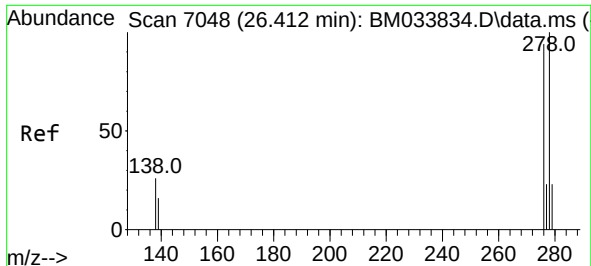
Tgt Ion:252 Resp: 2471
Ion Ratio Lower Upper
252 100
253 52.0 32.0 48.0#
125 61.8 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.110 ng/ul
RT: 26.395 min Scan# 7041
Delta R.T. -0.000 min
Lab File: BM033832.D
Acq: 24 Jan 2022 11:32

Tgt Ion:276 Resp: 3340
Ion Ratio Lower Upper
276 100
138 29.4 15.8 23.6#
227 0.0 0.0 0.0

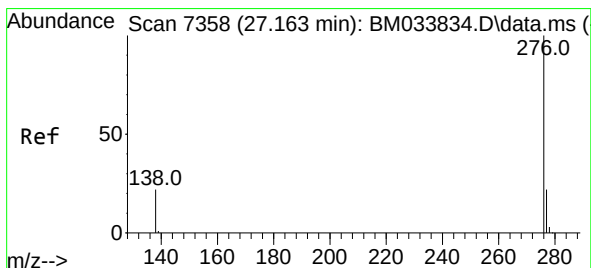
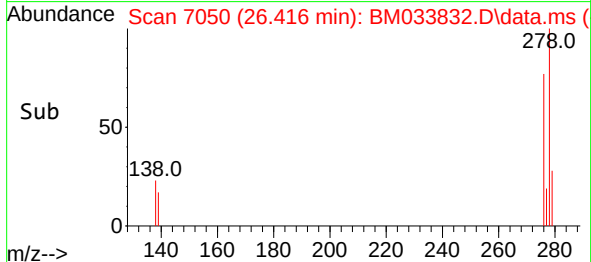
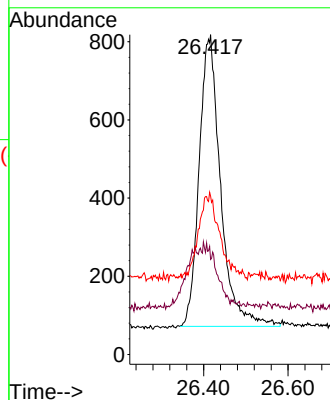
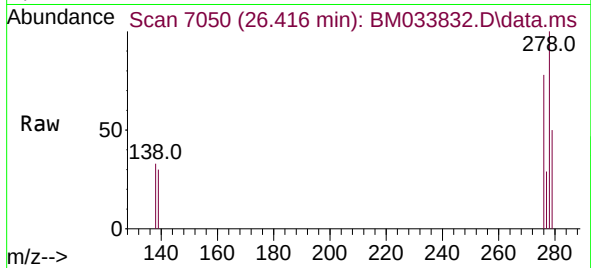




#28
Dibenzo(a,h)anthracene
Concen: 0.109 ng/ul
RT: 26.416 min Scan# 7048
Delta R.T. 0.004 min
Lab File: BM033832.D
Acq: 24 Jan 2022 11:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.1043

Tgt Ion:278 Resp: 2625
Ion Ratio Lower Upper
278 100
139 29.7 18.0 27.0#
279 49.5 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.108 ng/ul
RT: 27.160 min Scan# 7357
Delta R.T. -0.003 min
Lab File: BM033832.D
Acq: 24 Jan 2022 11:32

Tgt Ion:276 Resp: 2822
Ion Ratio Lower Upper
276 100
138 34.8 17.4 26.0#
277 33.6 22.6 33.8

