

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030823.D
 Acq On : 06 Jul 2021 17:06
 Operator : CG/JU
 Sample : M2905-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBK52

Quant Time: Jul 06 17:36:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 06 14:32:50 2021
 Response via : Initial Calibration

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

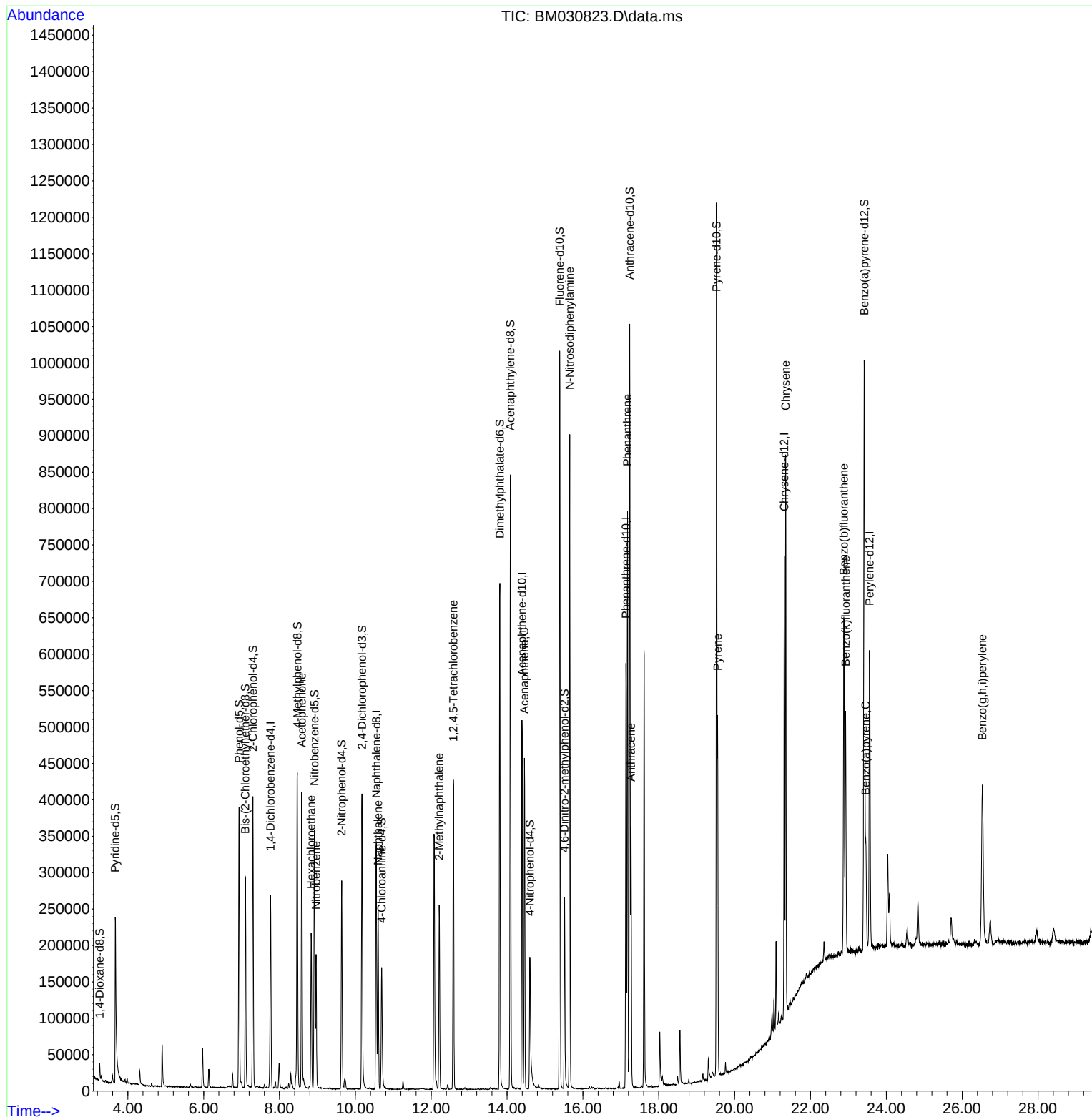
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	68011	20.000	ng/u1	0.00
20) Naphthalene-d8	10.551	136	274001	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.392	164	171923	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.133	188	335479	20.000	ng/u1	0.00
79) Chrysene-d12	21.309	240	282641	20.000	ng/u1	0.00
88) Perylene-d12	23.556	264	280984	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	11717	6.732	ng/uL	0.00
4) Pyridine-d5	3.669	84	141293	31.043	ng/u1	0.00
7) Phenol-d5	6.934	99	200108	33.673	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.098	67	132564	34.631	ng/u1	0.00
11) 2-Chlorophenol-d4	7.298	132	165012	36.192	ng/u1	0.00
15) 4-Methylphenol-d8	8.469	113	157238	33.016	ng/u1	0.00
21) Nitrobenzene-d5	8.922	128	76184	37.383	ng/u1	0.00
24) 2-Nitrophenol-d4	9.639	143	82233	36.879	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	151895	35.398	ng/u1	0.00
31) 4-Chloroaniline-d4	10.692	131	95430	15.660	ng/u1	0.00
46) Dimethylphthalate-d6	13.810	166	459160	38.148	ng/u1	0.00
49) Acenaphthylene-d8	14.086	160	571592	37.595	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	61826	29.516	ng/u1	0.00
60) Fluorene-d10	15.386	176	399929	37.735	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.515	200	56184	26.118	ng/u1	0.00
73) Anthracene-d10	17.233	188	579304	37.056	ng/u1	0.00
81) Pyrene-d10	19.521	212	609712	39.114	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.415	264	556299	38.355	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.586	105	197709	26.379	ng/u1	98
19) Hexachloroethane	8.833	117	38552	20.059	ng/u1	95
22) Nitrobenzene	8.963	77	96240	18.367	ng/u1	100
30) Naphthalene	10.598	128	186282	13.520	ng/u1	98
36) 2-Methylnaphthalene	12.210	142	117647	11.976	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.586	216	131138	25.146	ng/u1	99
52) Acenaphthene	14.457	153	177404	17.122	ng/u1	100
67) N-Nitrosodiphenylamine	15.651	169	314335	31.430	ng/u1	99
72) Phenanthrene	17.174	178	474348	26.498	ng/u1	99
74) Anthracene	17.268	178	205019	11.147	ng/u1	100
82) Pyrene	19.550	202	283636	14.238	ng/u1	99
87) Chrysene	21.344	228	369198	21.234	ng/u1	99
90) Benzo(b)fluoranthene	22.880	252	301094	16.635	ng/u1	99
91) Benzo(k)fluoranthene	22.927	252	232159	13.196	ng/u1	99
93) Benzo(a)pyrene	23.456	252	99435	6.208	ng/u1	97
96) Benzo(g,h,i)perylene	26.532	276	292905	18.340	ng/u1	99

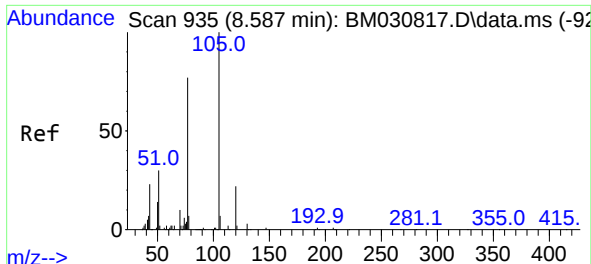
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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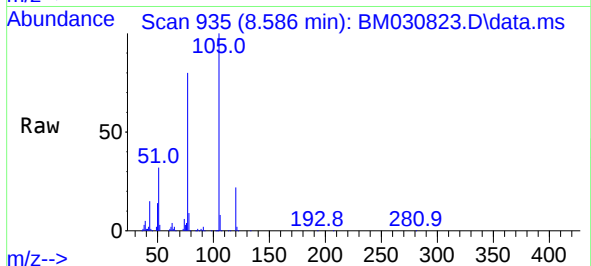
Quant Time: Jul 06 17:36:10 2021
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
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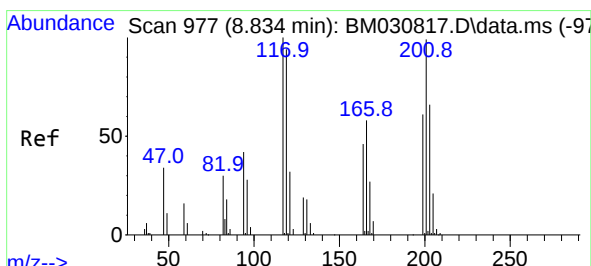
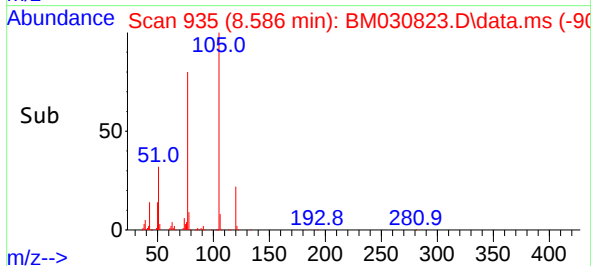
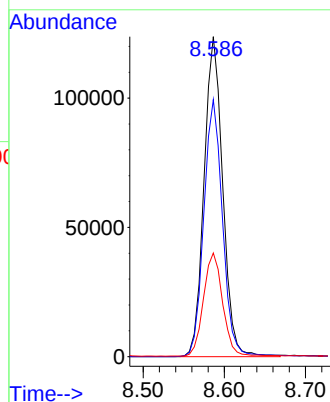


#16
Acetophenone
Concen: 26.379 ng/ul
RT: 8.586 min Scan# 935
Delta R.T. -0.000 min
Lab File: BM030823.D
Acq: 06 Jul 2021 17:06

Instrument :
BNA_M
ClientSampleId :
DBK52

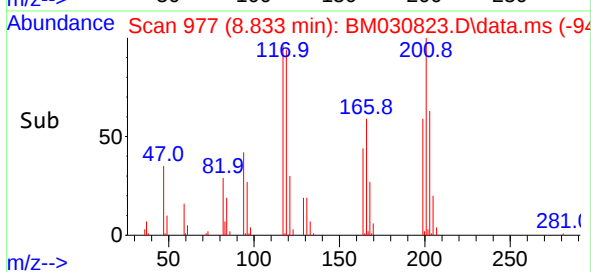
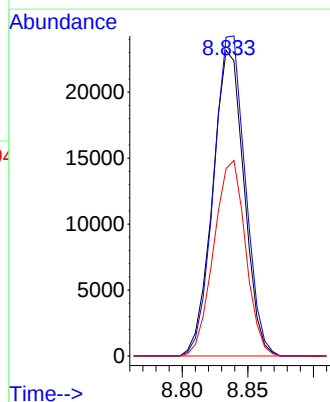
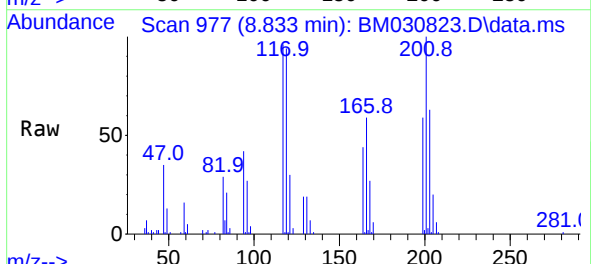


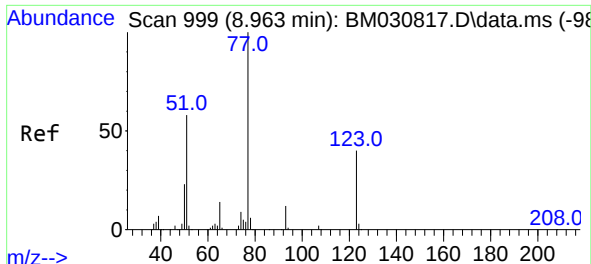
Tgt Ion:105 Resp: 197709
Ion Ratio Lower Upper
105 100
77 80.3 66.2 99.4
51 32.4 26.1 39.1



#19
Hexachloroethane
Concen: 20.059 ng/ul
RT: 8.833 min Scan# 977
Delta R.T. -0.000 min
Lab File: BM030823.D
Acq: 06 Jul 2021 17:06

Tgt Ion:117 Resp: 38552
Ion Ratio Lower Upper
117 100
201 104.4 78.8 118.2
199 63.3 49.2 73.8

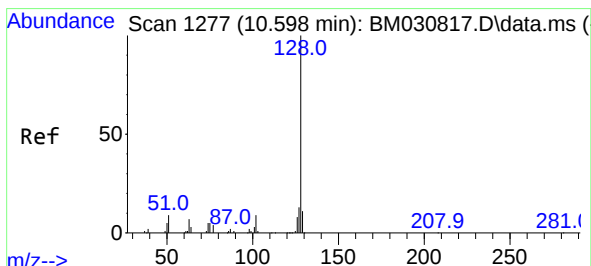
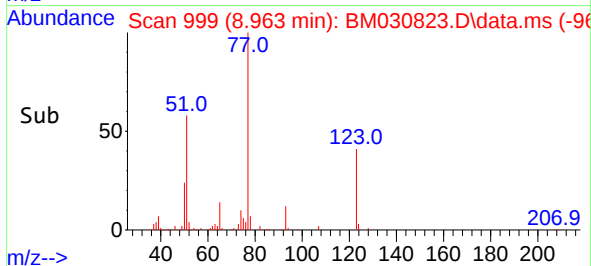
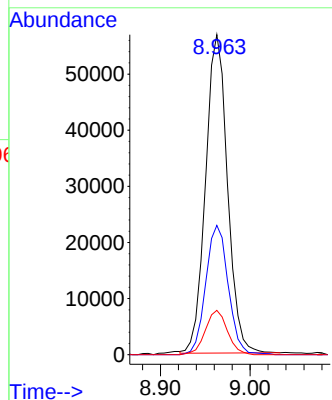
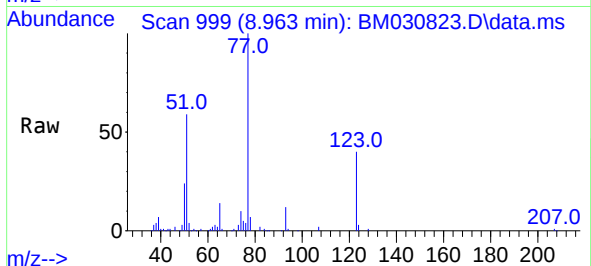




#22
Nitrobenzene
Concen: 18.367 ng/ul
RT: 8.963 min Scan# 999
Delta R.T. -0.000 min
Lab File: BM030823.D
Acq: 06 Jul 2021 17:06

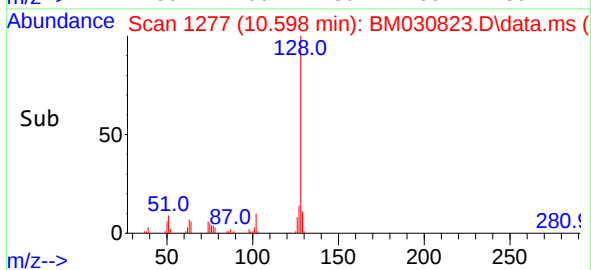
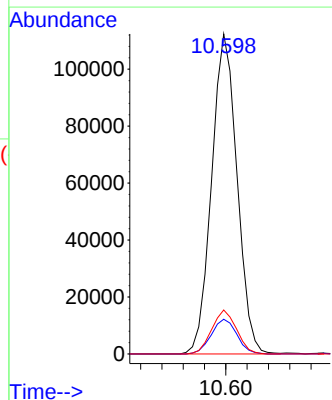
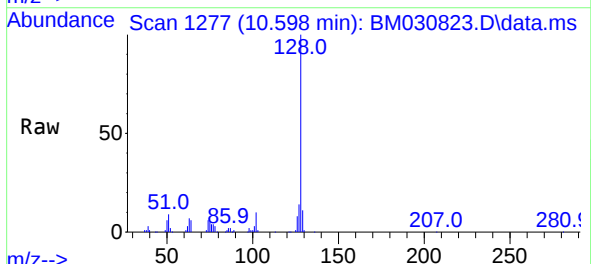
Instrument :
BNA_M
ClientSampleId :
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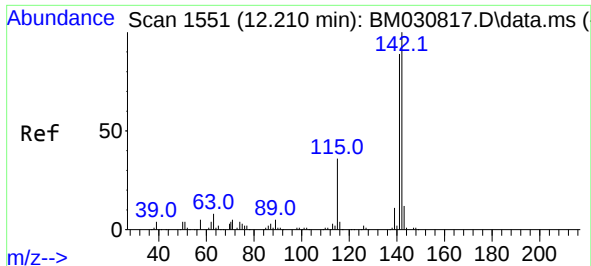
Tgt Ion: 77 Resp: 96240
Ion Ratio Lower Upper
77 100
123 40.4 32.2 48.4
65 13.9 11.1 16.7



#30
Naphthalene
Concen: 13.520 ng/ul
RT: 10.598 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BM030823.D
Acq: 06 Jul 2021 17:06

Tgt Ion: 128 Resp: 186282
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.8 10.3 15.5

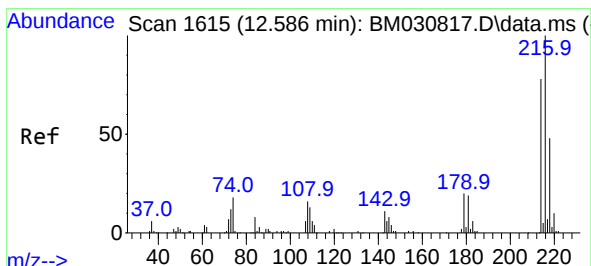
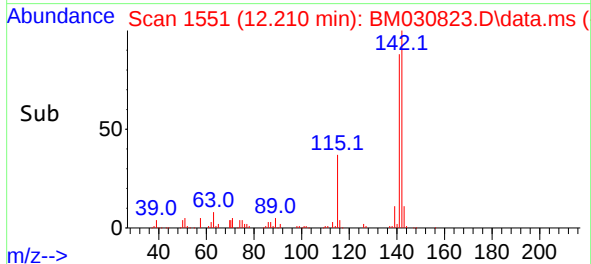
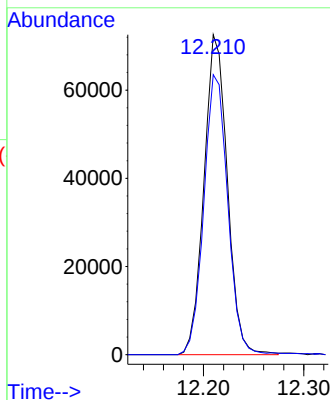
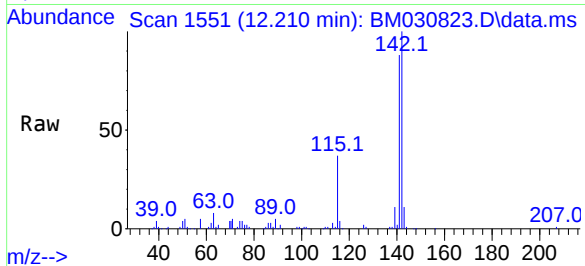




#36
2-Methylnaphthalene
Concen: 11.976 ng/ul
RT: 12.210 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BM030823.D
Acq: 06 Jul 2021 17:06

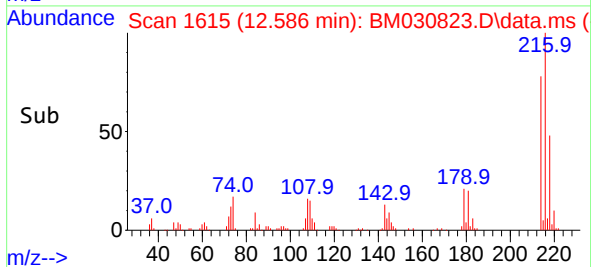
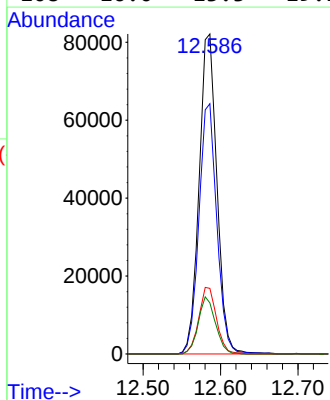
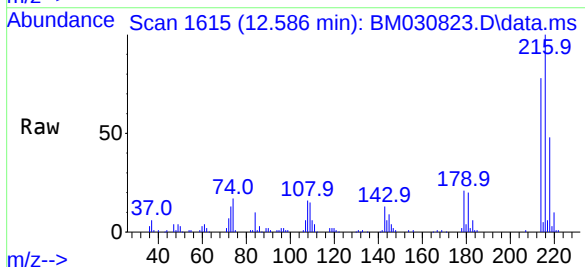
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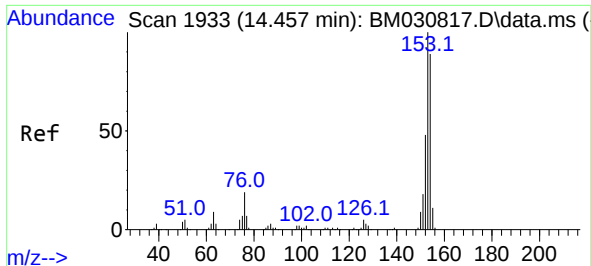
Tgt Ion:142 Resp: 117647
Ion Ratio Lower Upper
142 100
141 87.5 71.0 106.6



#39
1,2,4,5-Tetrachlorobenzene
Concen: 25.146 ng/ul
RT: 12.586 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BM030823.D
Acq: 06 Jul 2021 17:06

Tgt Ion:216 Resp: 131138
Ion Ratio Lower Upper
216 100
214 78.2 62.6 93.8
179 20.5 15.8 23.6
108 16.0 13.3 19.9

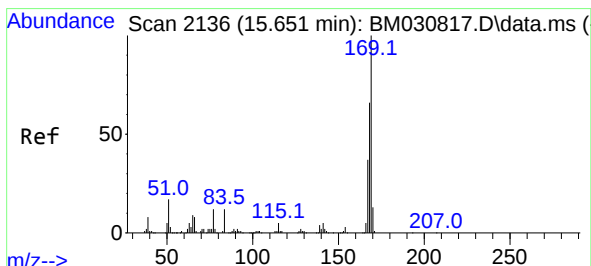
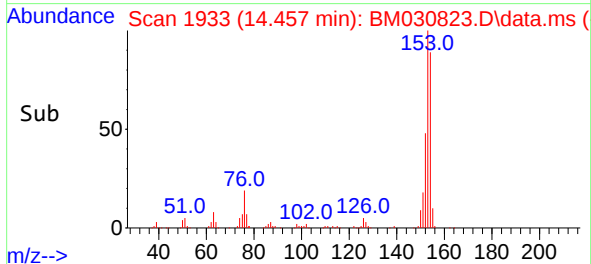
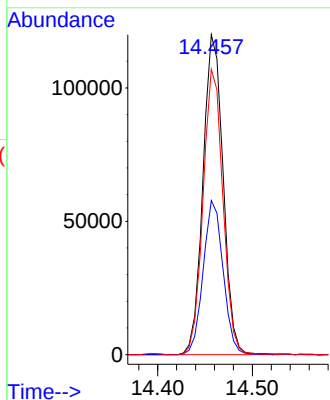
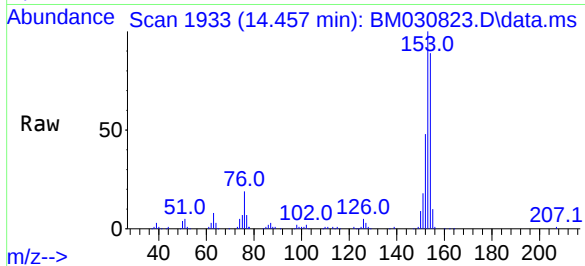




#52
Acenaphthene
Concen: 17.122 ng/ul
RT: 14.457 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BM030823.D
Acq: 06 Jul 2021 17:06

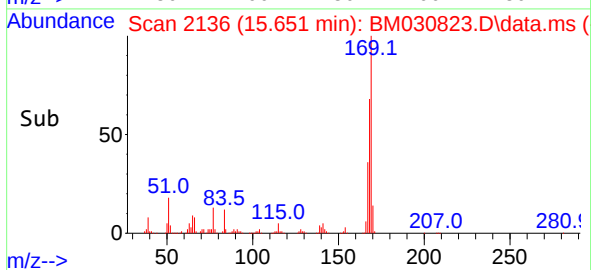
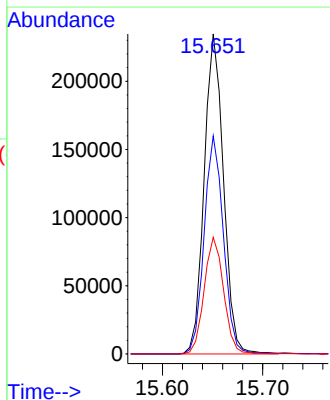
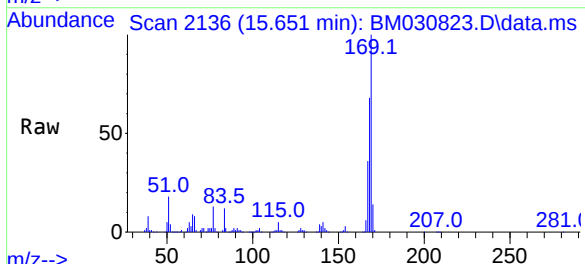
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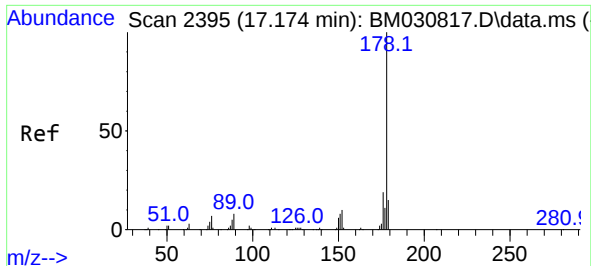
Tgt Ion:153 Resp: 177404
Ion Ratio Lower Upper
153 100
152 48.2 38.8 58.2
154 89.2 71.3 106.9



#67
N-Nitrosodiphenylamine
Concen: 31.430 ng/ul
RT: 15.651 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BM030823.D
Acq: 06 Jul 2021 17:06

Tgt Ion:169 Resp: 314335
Ion Ratio Lower Upper
169 100
168 68.2 53.1 79.7
167 36.5 29.2 43.8

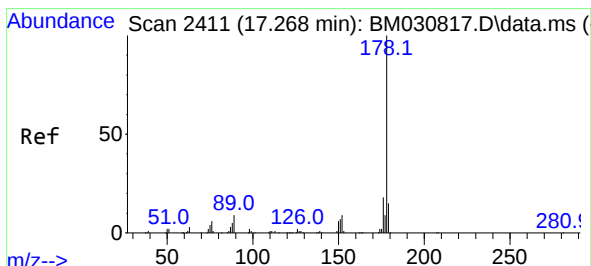
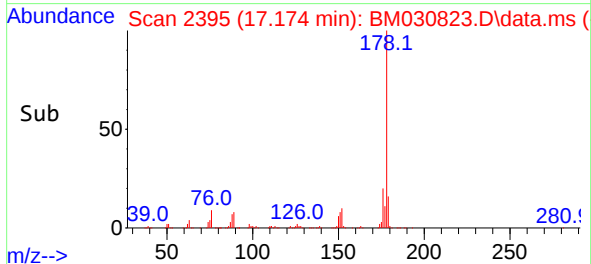
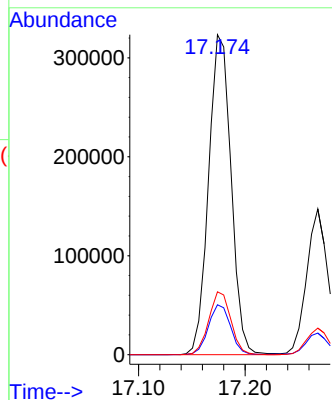
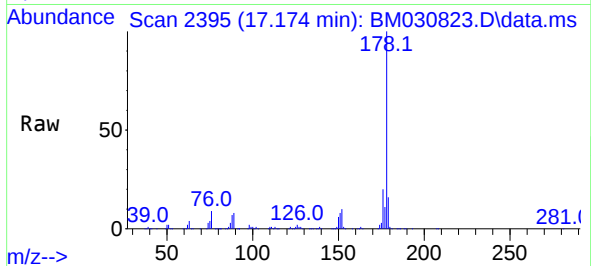




#72
Phenanthrene
Concen: 26.498 ng/u1
RT: 17.174 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BM030823.D
Acq: 06 Jul 2021 17:06

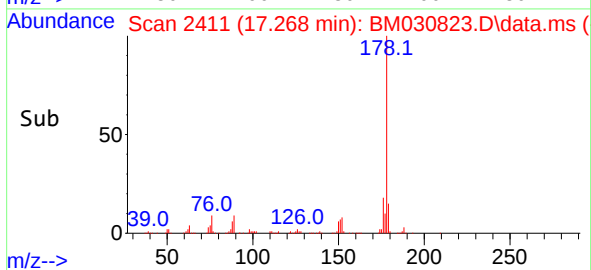
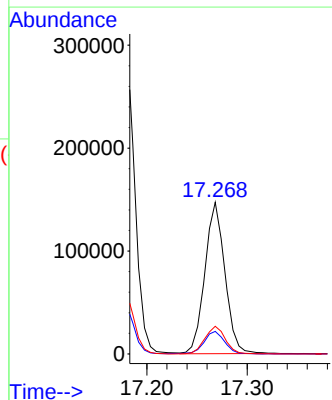
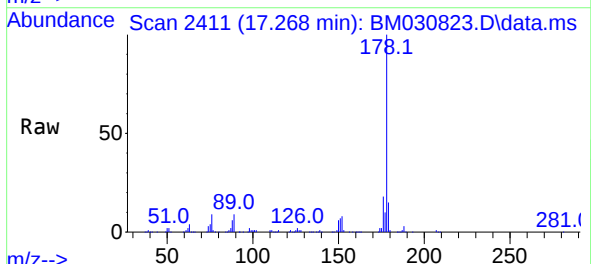
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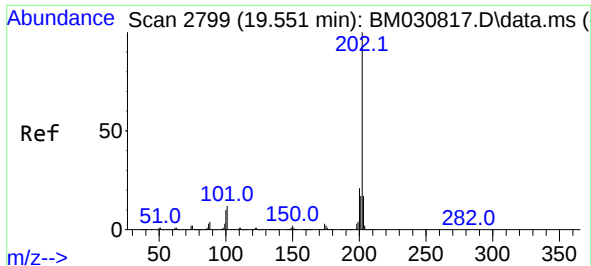
Tgt Ion:178 Resp: 474348
Ion Ratio Lower Upper
178 100
179 15.6 12.1 18.1
176 19.7 15.4 23.0



#74
Anthracene
Concen: 11.147 ng/u1
RT: 17.268 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BM030823.D
Acq: 06 Jul 2021 17:06

Tgt Ion:178 Resp: 205019
Ion Ratio Lower Upper
178 100
179 14.9 12.1 18.1
176 18.2 14.7 22.1

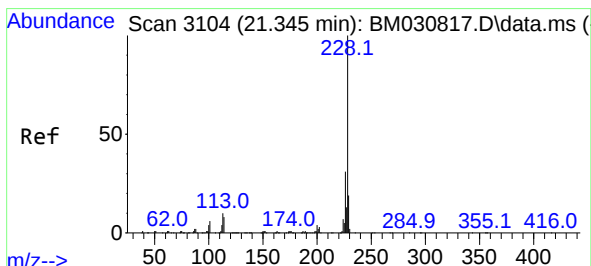
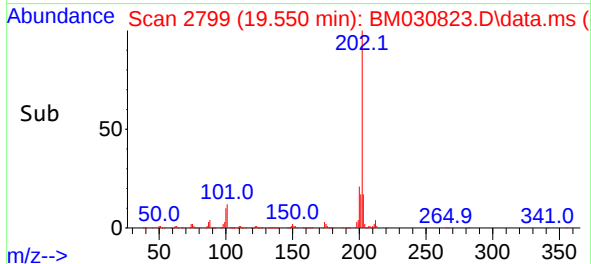
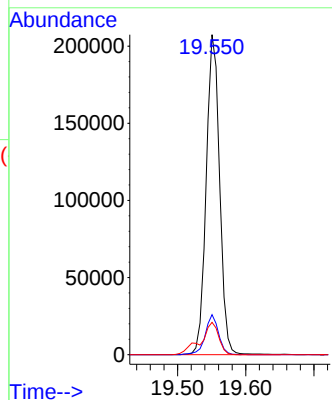
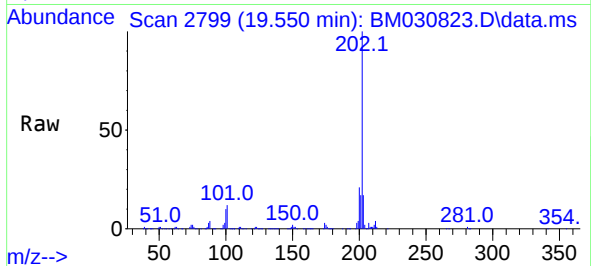




#82
Pyrene
Concen: 14.238 ng/ul
RT: 19.550 min Scan# 2799
Delta R.T. -0.000 min
Lab File: BM030823.D
Acq: 06 Jul 2021 17:06

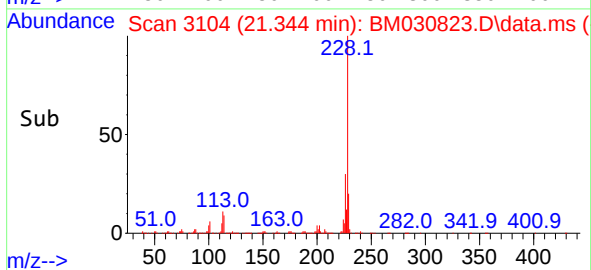
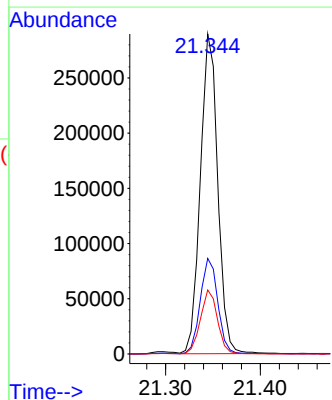
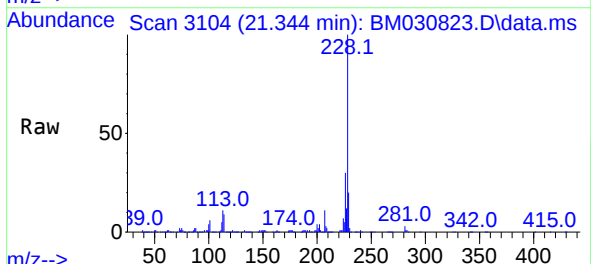
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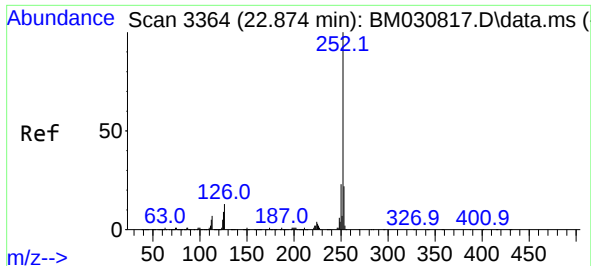
Tgt Ion:202 Resp: 283636
Ion Ratio Lower Upper
202 100
101 12.5 9.8 14.6
100 10.1 8.0 12.0



#87
Chrysene
Concen: 21.234 ng/ul
RT: 21.344 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BM030823.D
Acq: 06 Jul 2021 17:06

Tgt Ion:228 Resp: 369198
Ion Ratio Lower Upper
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226 29.9 24.5 36.7
229 20.0 15.5 23.3

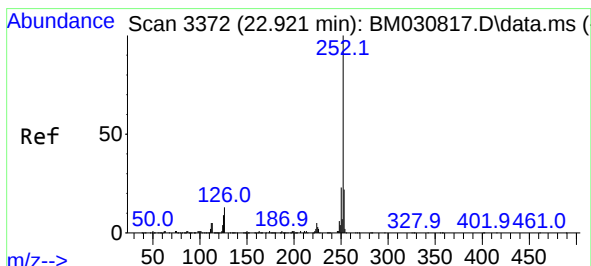
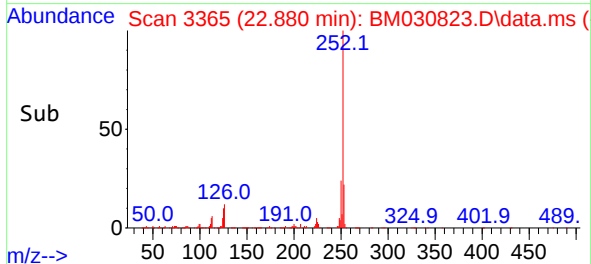
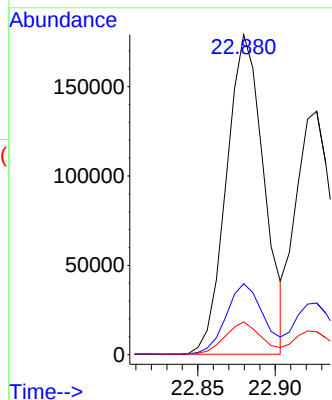
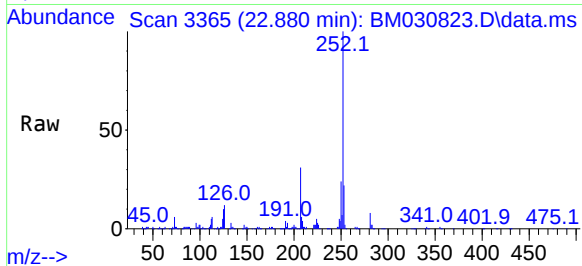




#90
Benzo(b)fluoranthene
Concen: 16.635 ng/ul
RT: 22.880 min Scan# 3365
Delta R.T. 0.006 min
Lab File: BM030823.D
Acq: 06 Jul 2021 17:06

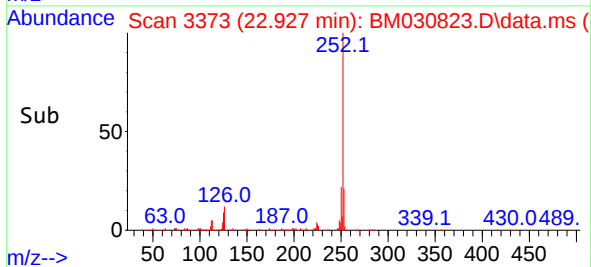
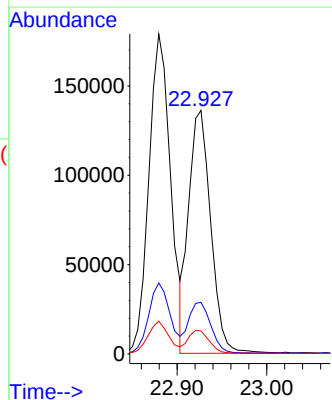
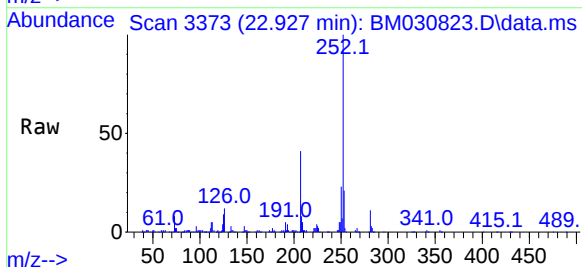
Instrument :
BNA_M
ClientSampled :
DBK52

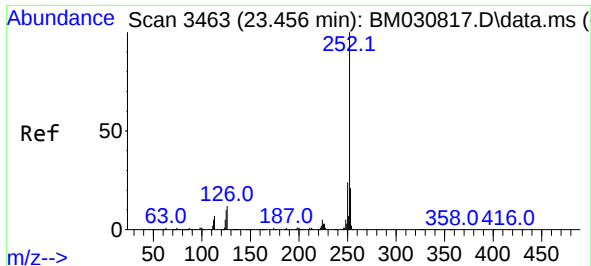
Tgt Ion:252 Resp: 301094
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.2 7.7 11.5



#91
Benzo(k)fluoranthene
Concen: 13.196 ng/ul
RT: 22.927 min Scan# 3373
Delta R.T. 0.006 min
Lab File: BM030823.D
Acq: 06 Jul 2021 17:06

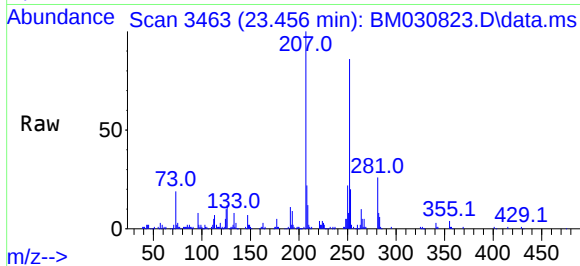
Tgt Ion:252 Resp: 232159
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 9.5 7.4 11.0



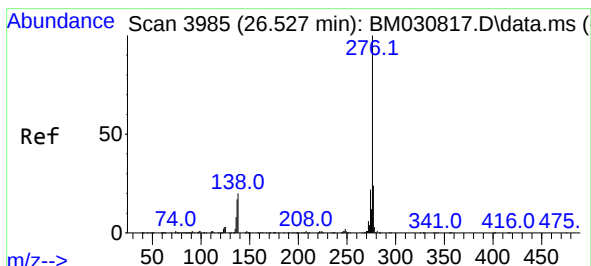
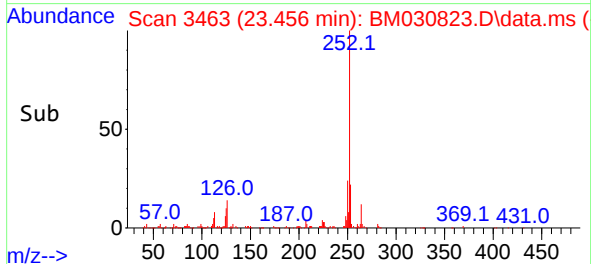
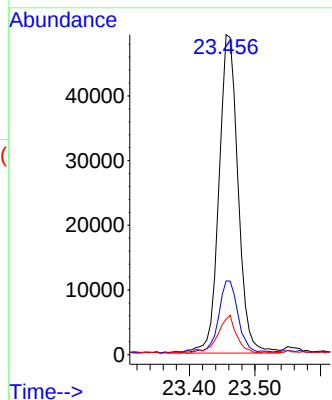


#93
Benzo(a)pyrene
Concen: 6.208 ng/ul
RT: 23.456 min Scan# 3463
Delta R.T. -0.000 min
Lab File: BM030823.D
Acq: 06 Jul 2021 17:06

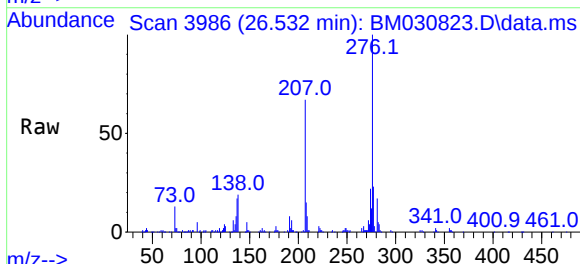
Instrument :
BNA_M
ClientSampleId :
DBK52



Tgt Ion:252 Resp: 99435
Ion Ratio Lower Upper
252 100
253 23.0 16.7 25.1
125 11.1 8.5 12.7



#96
Benzo(g,h,i)perylene
Concen: 18.340 ng/ul
RT: 26.532 min Scan# 3986
Delta R.T. 0.006 min
Lab File: BM030823.D
Acq: 06 Jul 2021 17:06



Tgt Ion:276 Resp: 292905
Ion Ratio Lower Upper
276 100
138 19.4 15.8 23.6
277 23.3 19.4 29.0

