

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092123\
 Data File : BM041975.D
 Acq On : 22 Sep 2023 02:03
 Operator : MA/JU
 Sample : PB155514BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLC514

Quant Time: Sep 22 03:28:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:25:00 2023
 Response via : Initial Calibration

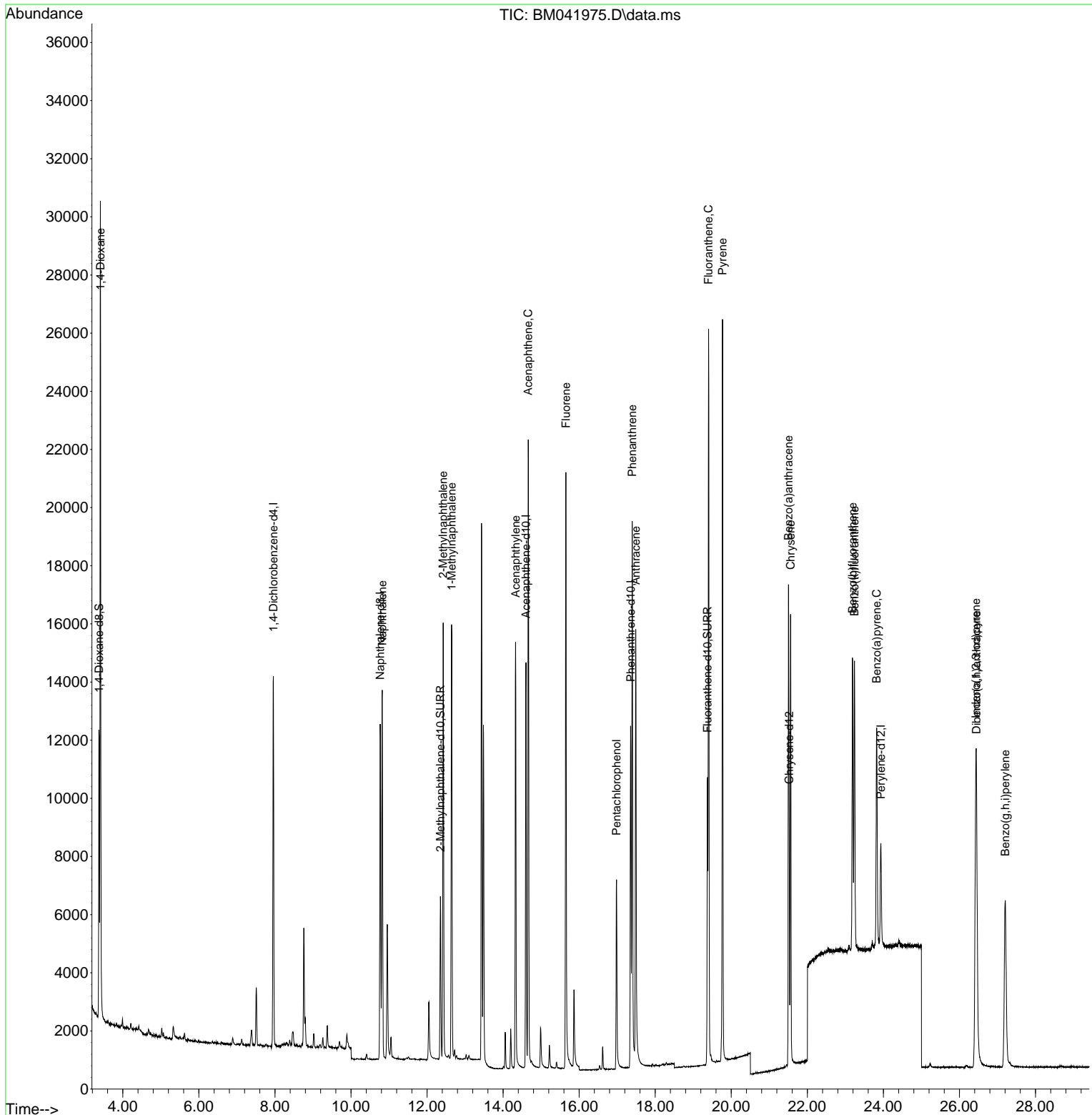
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	6372	0.400	ng/ul	0.00
4) Naphthalene-d8	10.768	136	15003	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	7112	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	13234	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.524	240	4706	0.400	ng/ul	# 0.00
23) Perylene-d12	23.933	264	5006	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.377	96	5646	0.756	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	7021	0.341	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	8788	0.506	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.410	88	17253	2.222	ng/ul#	80
5) Naphthalene	10.823	128	17202	0.348	ng/ul	100
7) 2-Methylnaphthalene	12.423	142	10739	0.343	ng/ul	99
8) 1-Methylnaphthalene	12.649	142	10416	0.327	ng/ul	99
10) Acenaphthylene	14.328	152	17287	0.354	ng/ul	99
11) Acenaphthene	14.662	153	12500	0.371	ng/ul	97
12) Fluorene	15.652	166	13948	0.354	ng/ul	99
14) Pentachlorophenol	16.983	266	4595	0.584	ng/ul	100
15) Phenanthrene	17.396	178	20874	0.389	ng/ul	99
16) Anthracene	17.489	178	18409	0.359	ng/ul	100
19) Fluoranthene	19.404	202	20329	0.574	ng/ul#	93
20) Pyrene	19.771	202	20635	0.558	ng/ul	95
21) Benzo(a)anthracene	21.507	228	13245	0.452	ng/ul	99
22) Chrysene	21.559	228	13391	0.488	ng/ul	98
24) Benzo(b)fluoranthene	23.187	252	12797	0.450	ng/ul	95
25) Benzo(k)fluoranthene	23.240	252	13007	0.476	ng/ul	96
26) Benzo(a)pyrene	23.825	252	11780	0.492	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.432	276	15604	0.492	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.448	278	11372	0.481	ng/ul	96
29) Benzo(g,h,i)perylene	27.206	276	13235	0.510	ng/ul	93

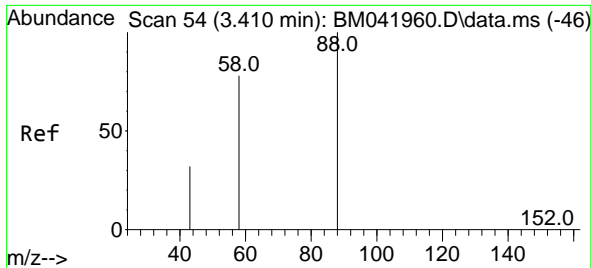
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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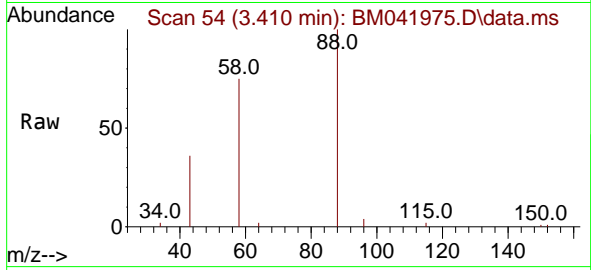
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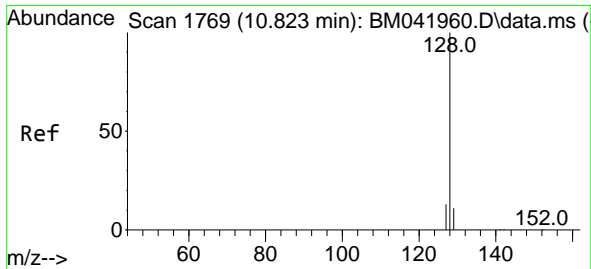
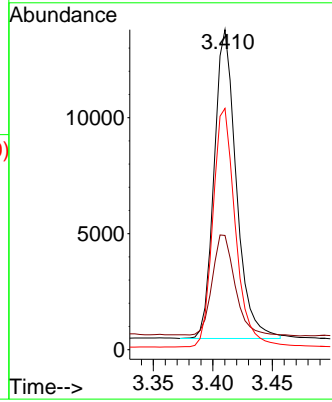
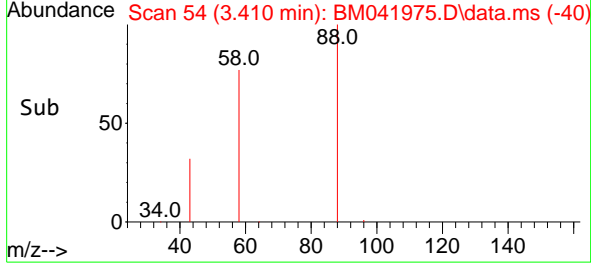


#2
 1,4-Dioxane
 Concen: 2.222 ng/ul
 RT: 3.410 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: BM041975.D
 Acq: 22 Sep 2023 02:03

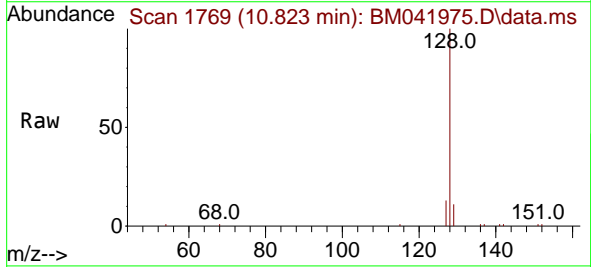
Instrument : BNA_M
 ClientSampleId : SLCS514



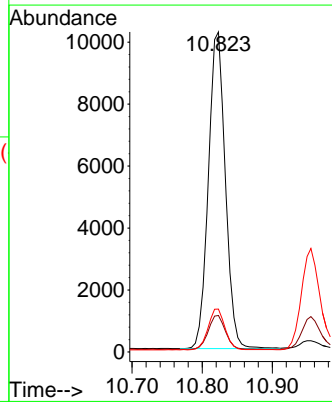
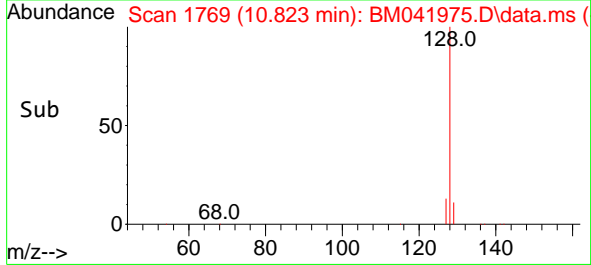
Tgt Ion: 88 Resp: 17253
 Ion Ratio Lower Upper
 88 100
 43 35.7 51.0 76.4#
 58 75.4 56.2 84.4

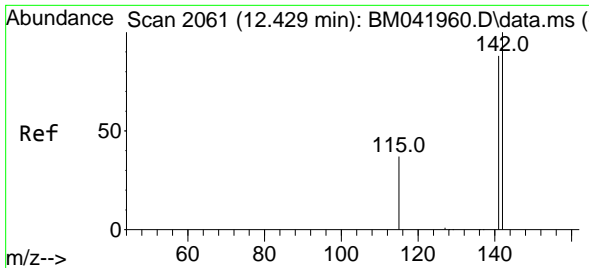


#5
 Naphthalene
 Concen: 0.348 ng/ul
 RT: 10.823 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: BM041975.D
 Acq: 22 Sep 2023 02:03



Tgt Ion:128 Resp: 17202
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.0 13.6
 127 13.4 10.6 16.0

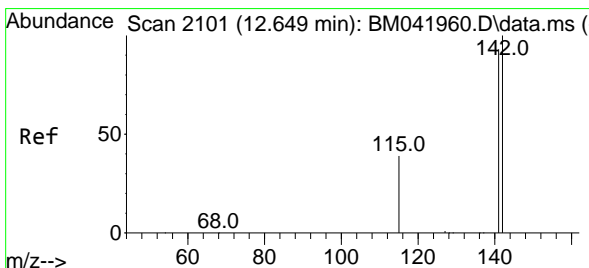
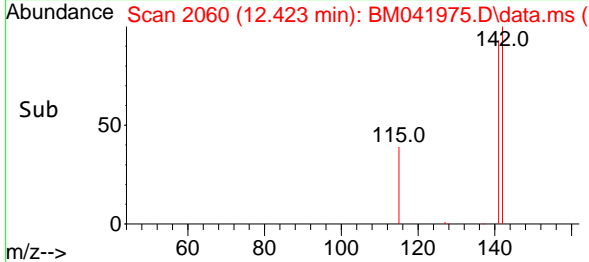
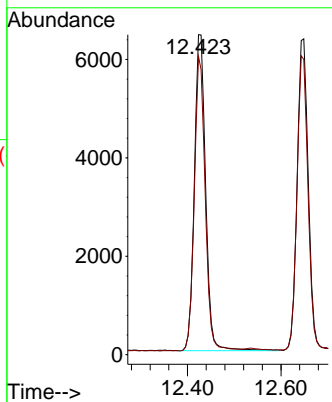
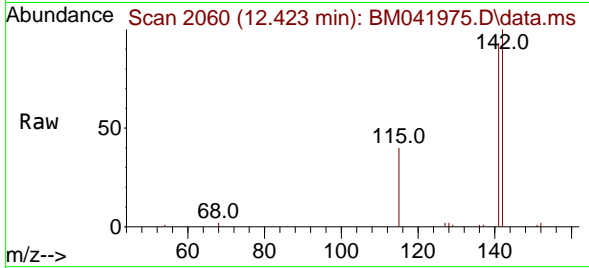




#7
 2-Methylnaphthalene
 Concen: 0.343 ng/ul
 RT: 12.423 min Scan# 2060
 Delta R.T. -0.005 min
 Lab File: BM041975.D
 Acq: 22 Sep 2023 02:03

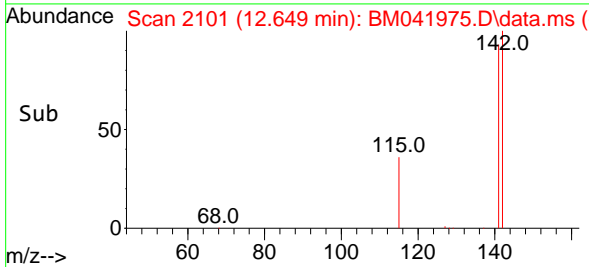
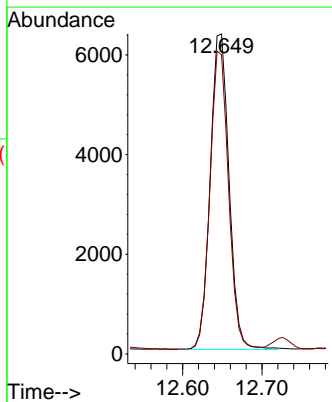
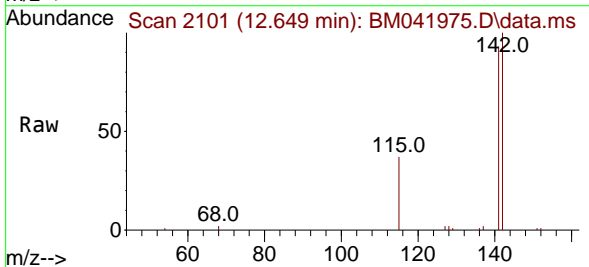
Instrument : BNA_M
 ClientSampleId : SLCS514

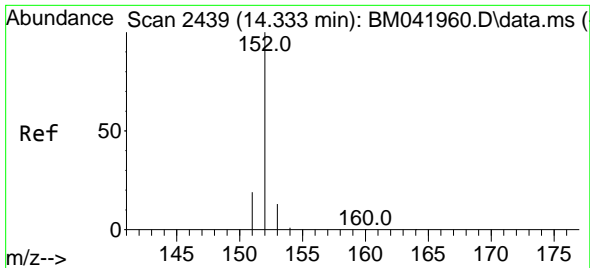
Tgt Ion:142 Resp: 10739
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.1 106.7



#8
 1-Methylnaphthalene
 Concen: 0.327 ng/ul
 RT: 12.649 min Scan# 2101
 Delta R.T. 0.000 min
 Lab File: BM041975.D
 Acq: 22 Sep 2023 02:03

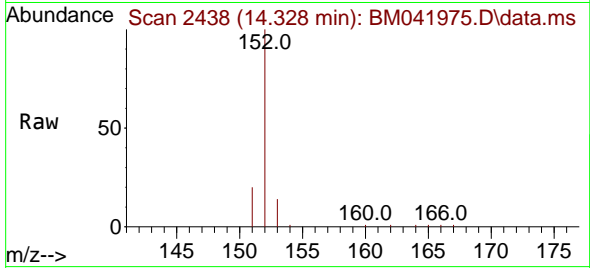
Tgt Ion:142 Resp: 10416
 Ion Ratio Lower Upper
 142 100
 141 93.3 73.9 110.9



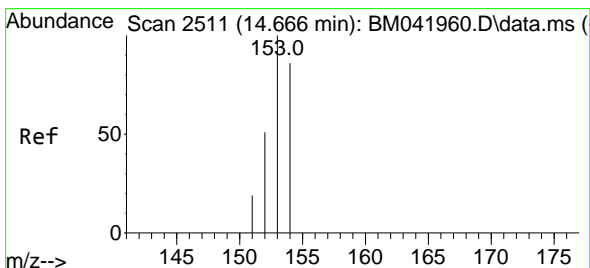
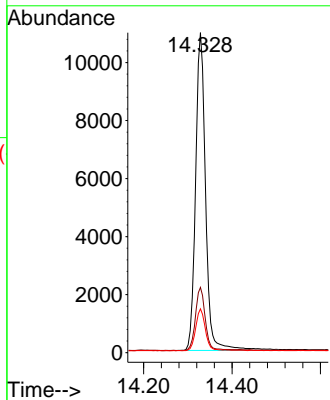
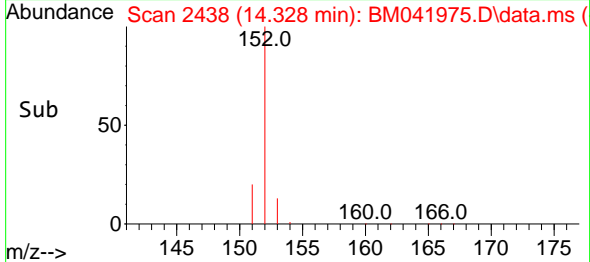


#10
 Acenaphthylene
 Concen: 0.354 ng/u1
 RT: 14.328 min Scan# 2438
 Delta R.T. -0.004 min
 Lab File: BM041975.D
 Acq: 22 Sep 2023 02:03

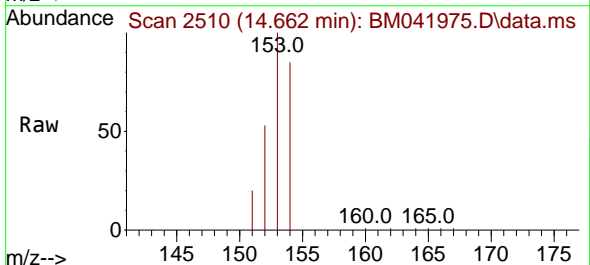
Instrument :
 BNA_M
 ClientSampleId :
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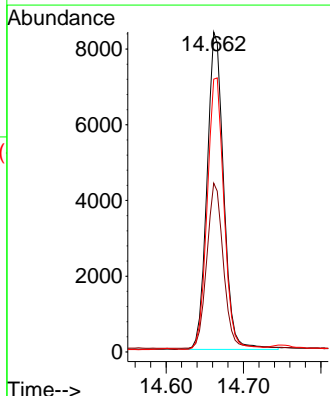
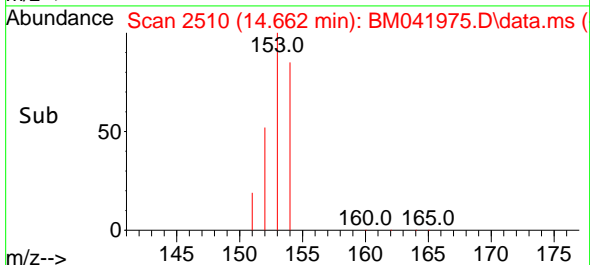
Tgt Ion:152 Resp: 17287
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.4 24.6
 153 13.7 10.6 16.0

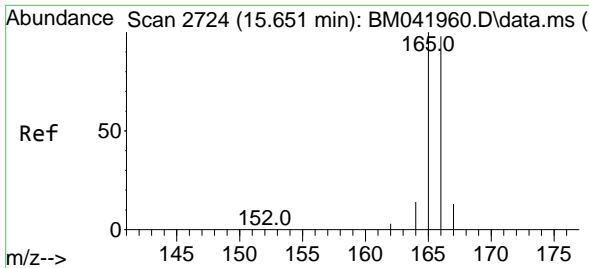


#11
 Acenaphthene
 Concen: 0.371 ng/u1
 RT: 14.662 min Scan# 2510
 Delta R.T. -0.004 min
 Lab File: BM041975.D
 Acq: 22 Sep 2023 02:03



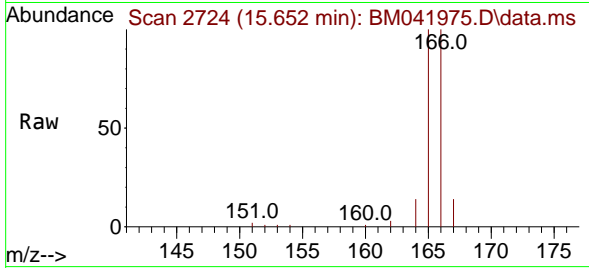
Tgt Ion:153 Resp: 12500
 Ion Ratio Lower Upper
 153 100
 152 52.8 40.5 60.7
 154 85.2 70.2 105.4



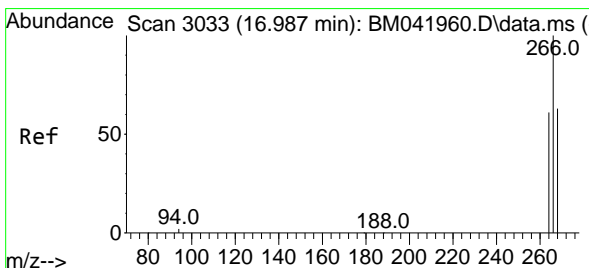
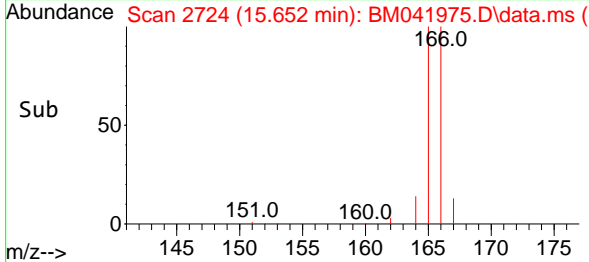
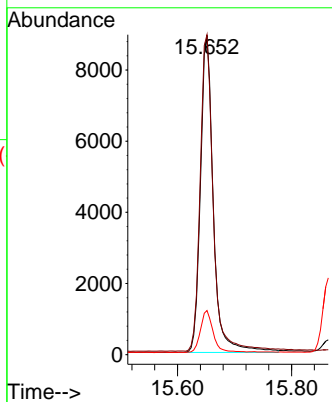


#12
 Fluorene
 Concen: 0.354 ng/u1
 RT: 15.652 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM041975.D
 Acq: 22 Sep 2023 02:03

Instrument :
 BNA_M
 ClientSampleId :
 SLCS514

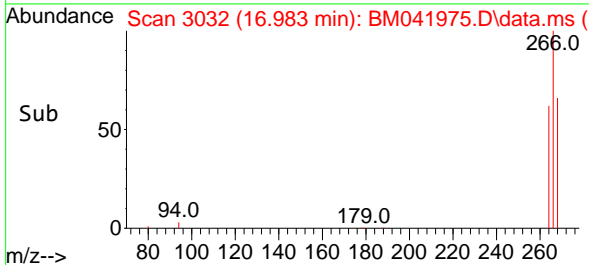
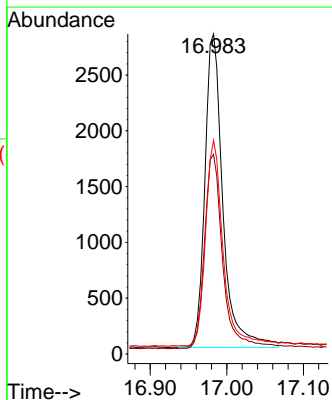
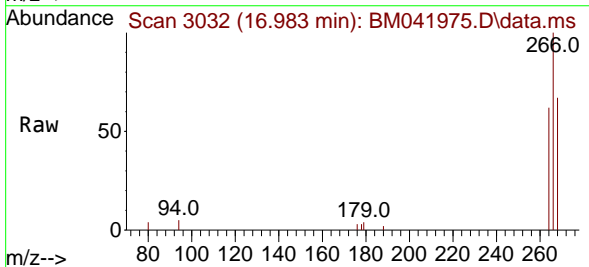


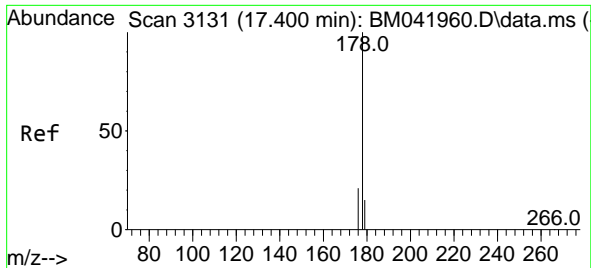
Tgt Ion:166 Resp: 13948
 Ion Ratio Lower Upper
 166 100
 165 100.2 81.4 122.0
 167 13.8 11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.584 ng/u1
 RT: 16.983 min Scan# 3032
 Delta R.T. -0.004 min
 Lab File: BM041975.D
 Acq: 22 Sep 2023 02:03

Tgt Ion:266 Resp: 4595
 Ion Ratio Lower Upper
 266 100
 264 62.9 49.8 74.8
 268 64.1 51.3 76.9



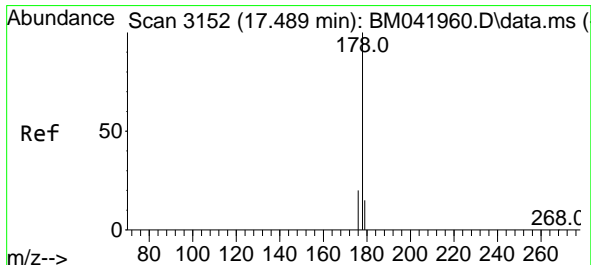
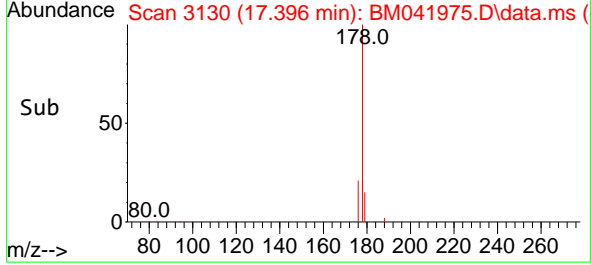
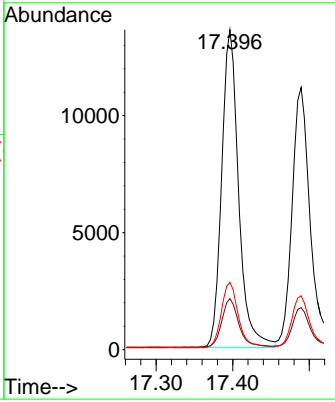
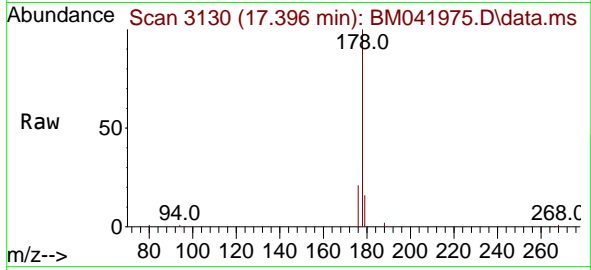


#15
 Phenanthrene
 Concen: 0.389 ng/u1
 RT: 17.396 min Scan# 3131
 Delta R.T. -0.004 min
 Lab File: BM041975.D
 Acq: 22 Sep 2023 02:03

Instrument : BNA_M
 ClientSampleId : SLCS514

Tgt Ion:178 Resp: 20874

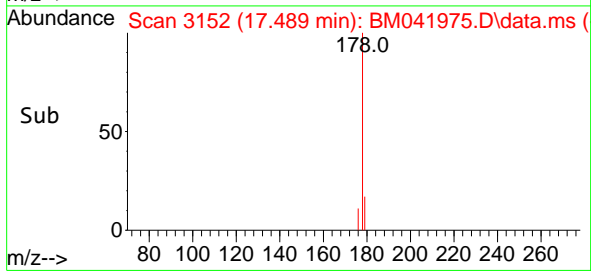
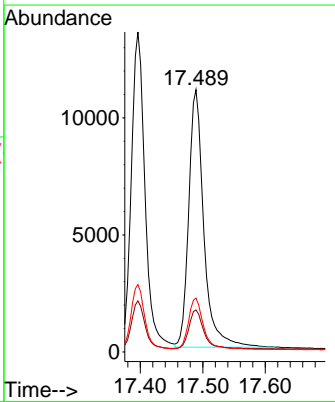
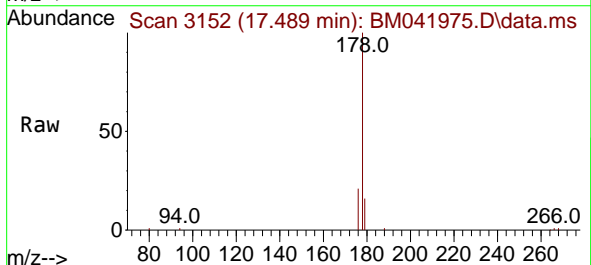
Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	21.1	16.1	24.1

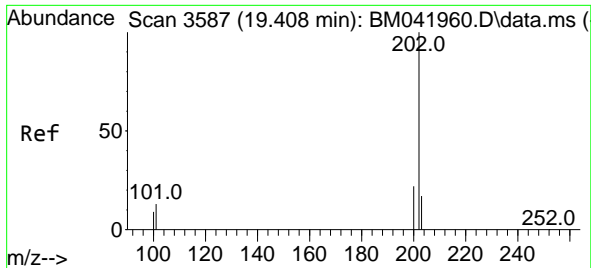


#16
 Anthracene
 Concen: 0.359 ng/u1
 RT: 17.489 min Scan# 3152
 Delta R.T. 0.000 min
 Lab File: BM041975.D
 Acq: 22 Sep 2023 02:03

Tgt Ion:178 Resp: 18409

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	20.6	16.3	24.5

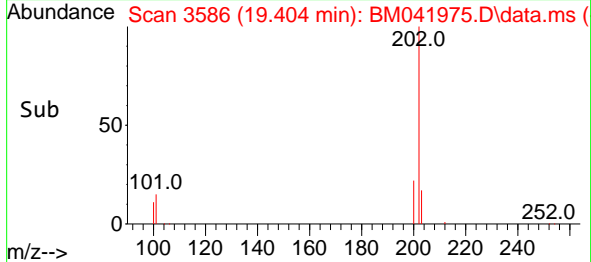
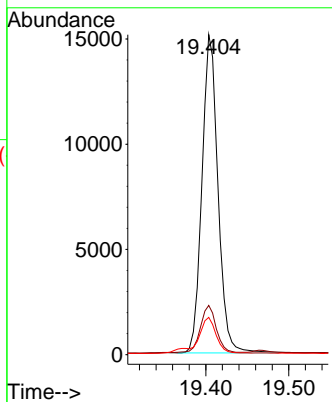
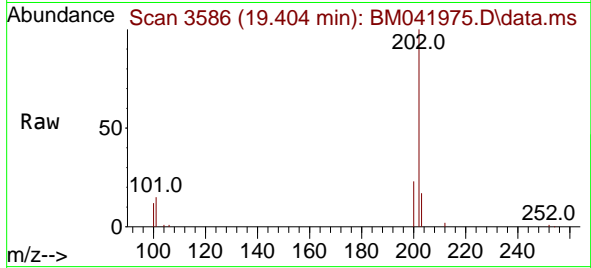




#19
 Fluoranthene
 Concen: 0.574 ng/u1
 RT: 19.404 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BM041975.D
 Acq: 22 Sep 2023 02:03

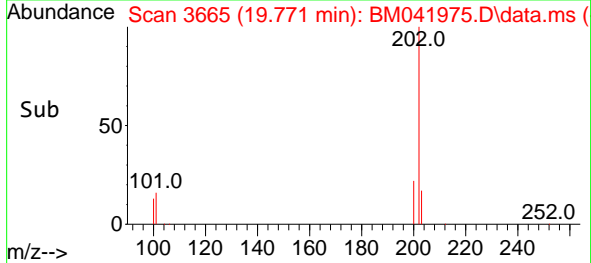
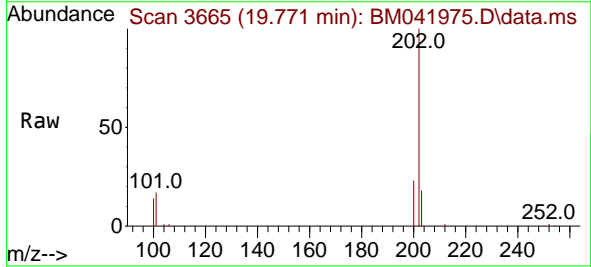
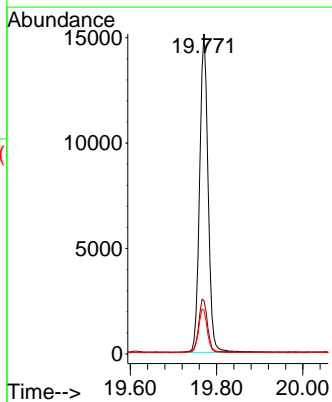
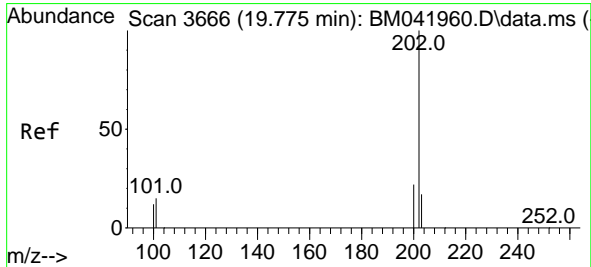
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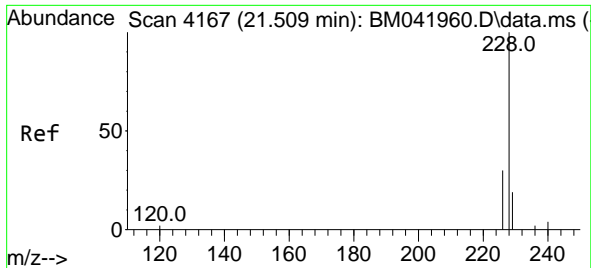
Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.4	10.1	15.1#
100	11.7	7.5	11.3#



#20
 Pyrene
 Concen: 0.558 ng/u1
 RT: 19.771 min Scan# 3665
 Delta R.T. -0.004 min
 Lab File: BM041975.D
 Acq: 22 Sep 2023 02:03

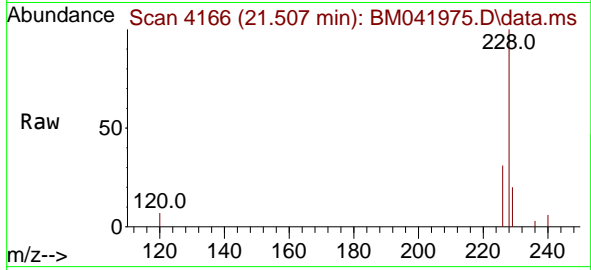
Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.6	11.8	17.6
100	13.7	9.3	13.9



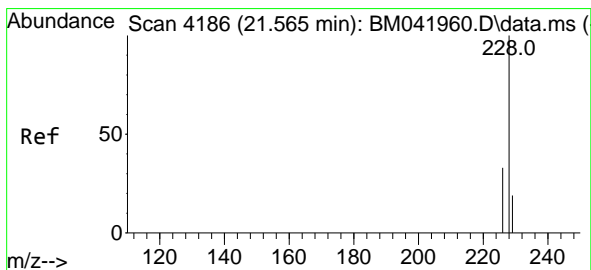
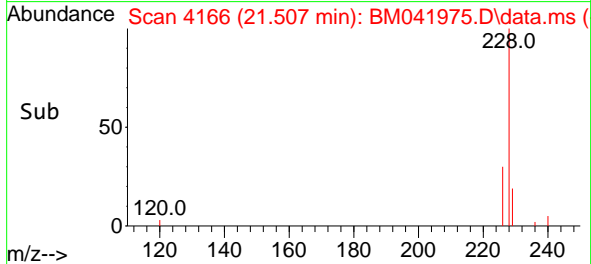
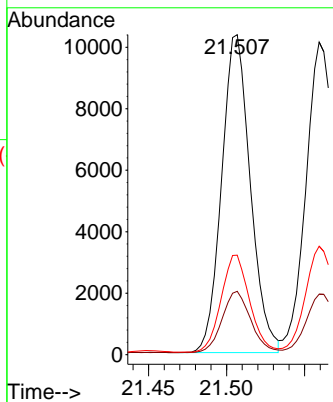


#21
 Benzo(a)anthracene
 Concen: 0.452 ng/u1
 RT: 21.507 min Scan# 4166
 Delta R.T. -0.003 min
 Lab File: BM041975.D
 Acq: 22 Sep 2023 02:03

Instrument :
 BNA_M
 ClientSampleId :
 SLCS514

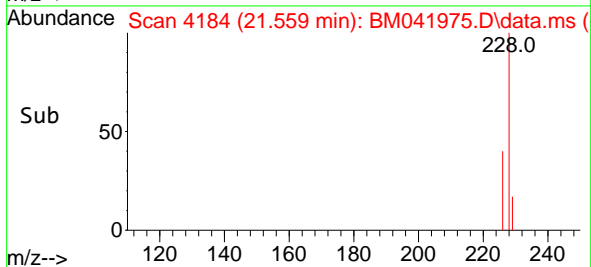
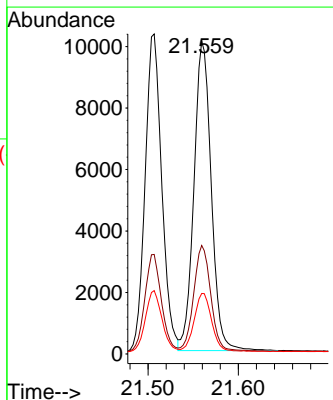
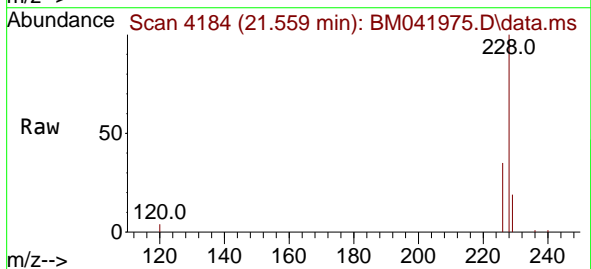


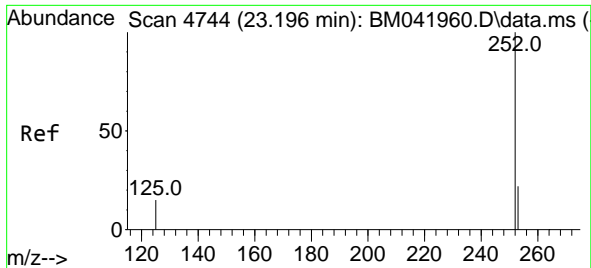
Tgt Ion:228 Resp: 13245
 Ion Ratio Lower Upper
 228 100
 229 19.8 16.6 24.8
 226 31.1 24.6 37.0



#22
 Chrysene
 Concen: 0.488 ng/u1
 RT: 21.559 min Scan# 4184
 Delta R.T. -0.006 min
 Lab File: BM041975.D
 Acq: 22 Sep 2023 02:03

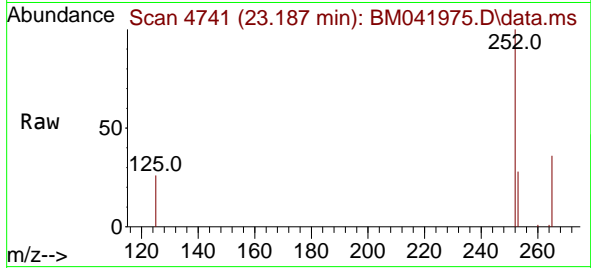
Tgt Ion:228 Resp: 13391
 Ion Ratio Lower Upper
 228 100
 226 34.7 27.3 40.9
 229 19.4 16.6 25.0



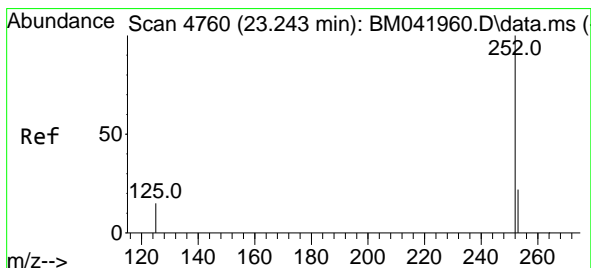
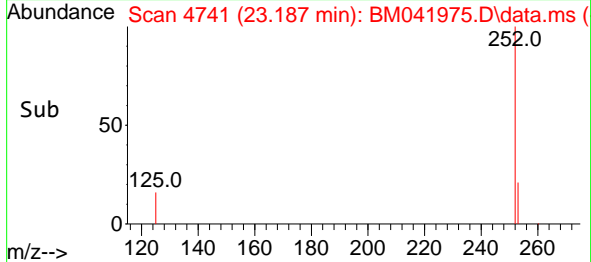
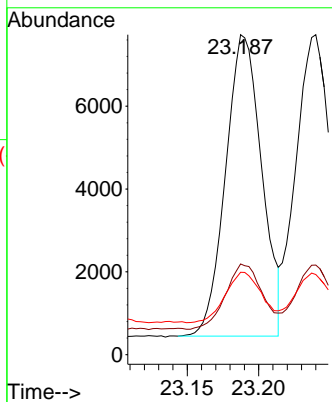


#24
 Benzo(b)fluoranthene
 Concen: 0.450 ng/u1
 RT: 23.187 min Scan# 41
 Delta R.T. -0.009 min
 Lab File: BM041975.D
 Acq: 22 Sep 2023 02:03

Instrument :
 BNA_M
 ClientSampleId :
 SLCS514

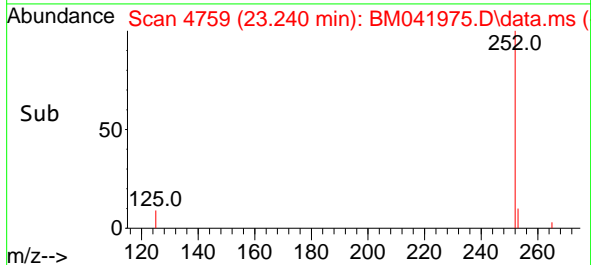
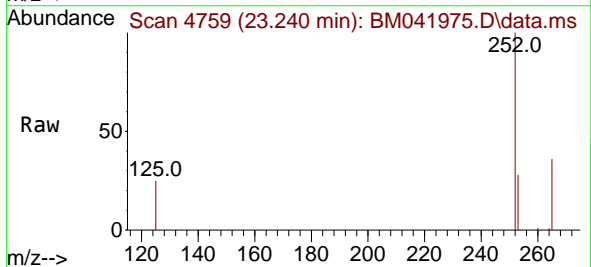
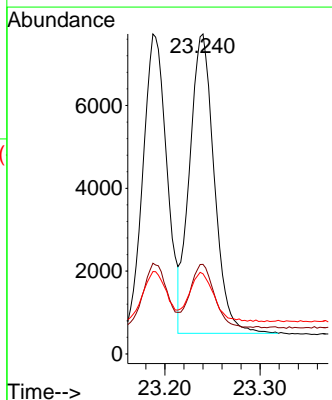


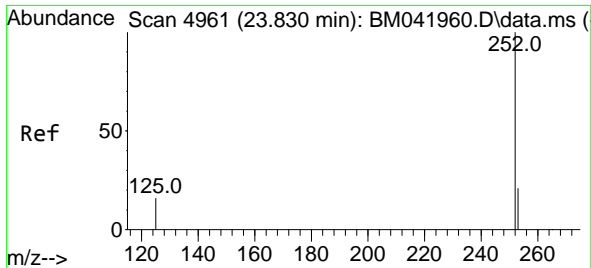
Tgt Ion:252 Resp: 12797
 Ion Ratio Lower Upper
 252 100
 253 28.3 0.0 54.6
 125 25.8 0.0 43.0



#25
 Benzo(k)fluoranthene
 Concen: 0.476 ng/u1
 RT: 23.240 min Scan# 4759
 Delta R.T. -0.003 min
 Lab File: BM041975.D
 Acq: 22 Sep 2023 02:03

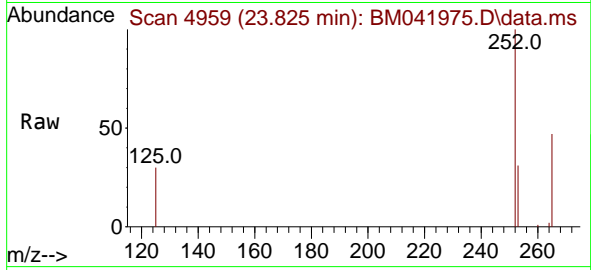
Tgt Ion:252 Resp: 13007
 Ion Ratio Lower Upper
 252 100
 253 28.0 21.8 32.8
 125 25.0 17.4 26.2



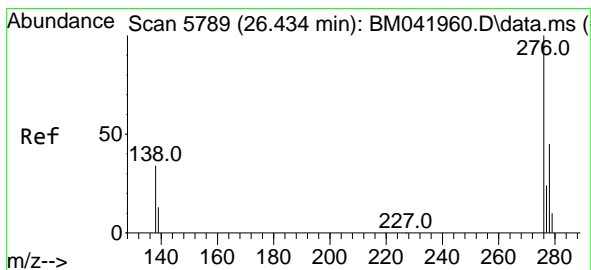
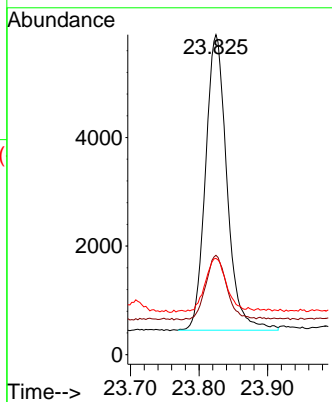
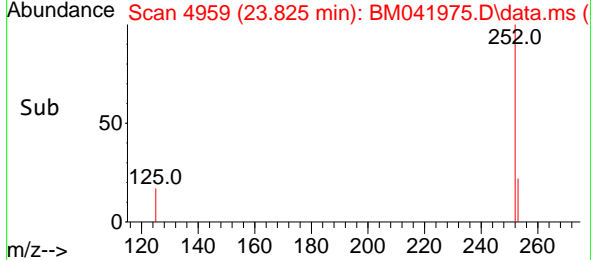


#26
 Benzo(a)pyrene
 Concen: 0.492 ng/u1
 RT: 23.825 min Scan# 4959
 Delta R.T. -0.006 min
 Lab File: BM041975.D
 Acq: 22 Sep 2023 02:03

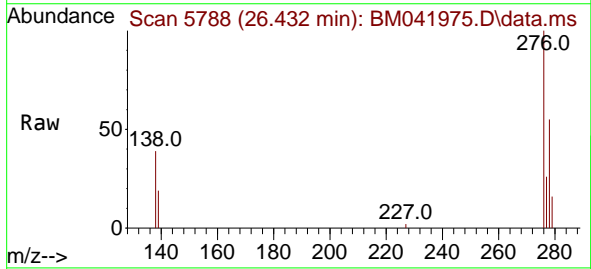
Instrument :
 BNA_M
 ClientSampleId :
 SLCS514



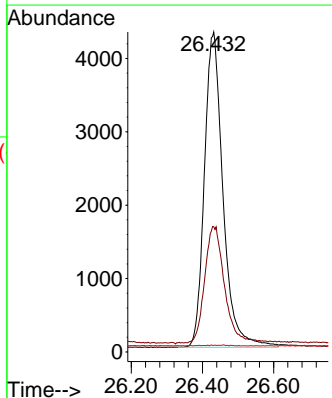
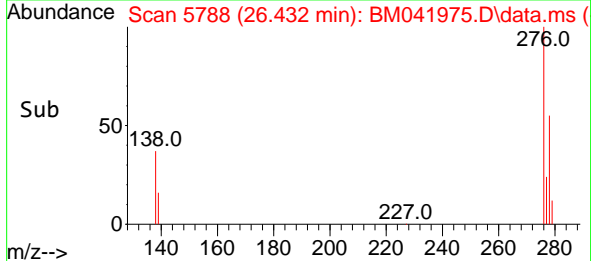
Tgt Ion:252 Resp: 11780
 Ion Ratio Lower Upper
 252 100
 253 31.0 23.0 34.4
 125 30.1 19.9 29.9#

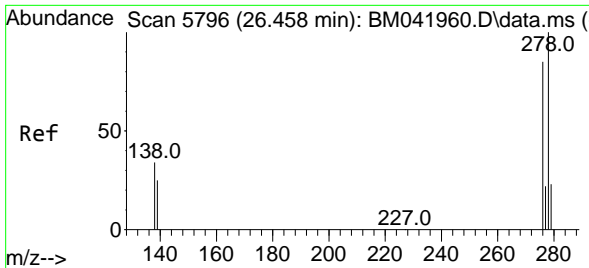


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.492 ng/u1
 RT: 26.432 min Scan# 5788
 Delta R.T. -0.003 min
 Lab File: BM041975.D
 Acq: 22 Sep 2023 02:03



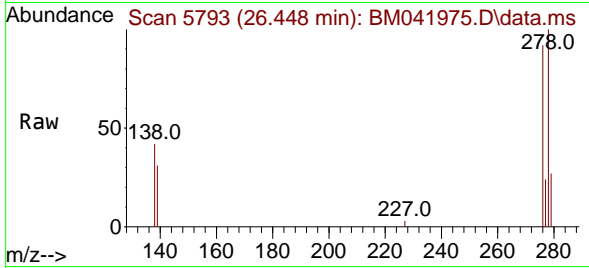
Tgt Ion:276 Resp: 15604
 Ion Ratio Lower Upper
 276 100
 138 39.4 26.7 40.1
 227 0.2 0.0 0.0#



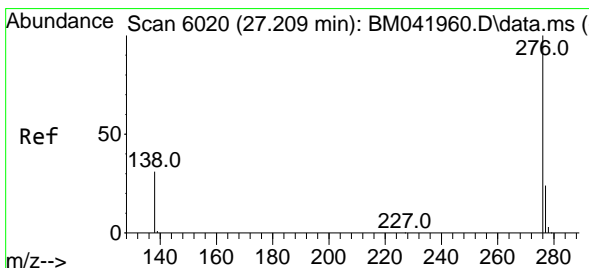
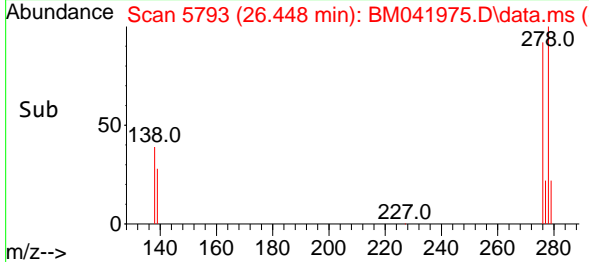
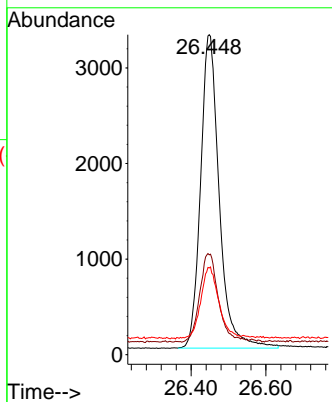


#28
 Dibenzo(a,h)anthracene
 Concen: 0.481 ng/ul
 RT: 26.448 min Scan# 51
 Delta R.T. -0.009 min
 Lab File: BM041975.D
 Acq: 22 Sep 2023 02:03

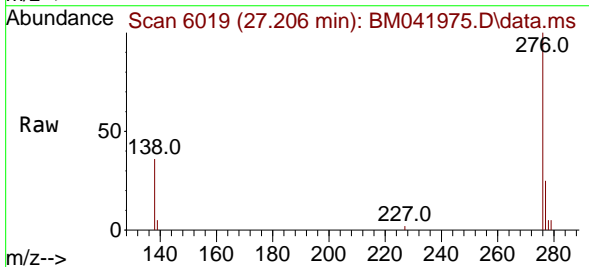
Instrument :
 BNA_M
 ClientSampleId :
 SLCS514



Tgt Ion:278 Resp: 11372
 Ion Ratio Lower Upper
 278 100
 139 31.2 22.6 33.8
 279 27.1 22.2 33.4



#29
 Benzo(g,h,i)perylene
 Concen: 0.510 ng/ul
 RT: 27.206 min Scan# 6019
 Delta R.T. -0.003 min
 Lab File: BM041975.D
 Acq: 22 Sep 2023 02:03



Tgt Ion:276 Resp: 13235
 Ion Ratio Lower Upper
 276 100
 138 36.3 24.9 37.3
 277 24.8 21.4 32.0

