

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM040974.D
 Acq On : 20 Jul 2023 10:30
 Operator : MA/JU
 Sample : PB154066BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS066

Quant Time: Jul 20 12:17:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 05:08:42 2023
 Response via : Initial Calibration

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

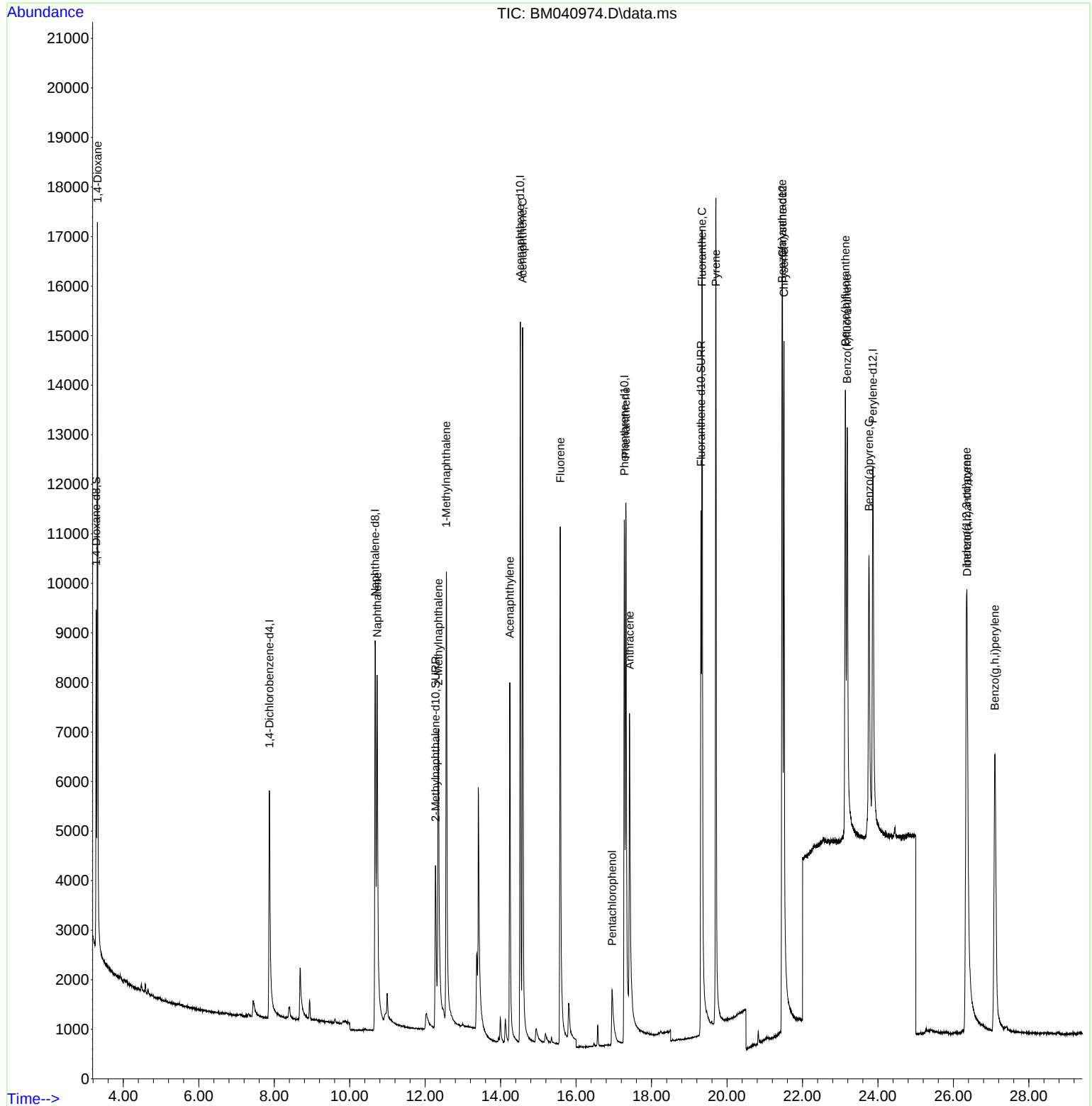
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	4081	0.400	ng/ul	0.00
4) Naphthalene-d8	10.675	136	15621	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.523	164	8895	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	16082	0.400	ng/ul	0.00
17) Chrysene-d12	21.472	240	12784	0.400	ng/ul	0.00
23) Perylene-d12	23.869	264	12330	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	4060	0.605	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	7315	0.351	ng/ul	0.00
18) Fluoranthene-d10	19.311	212	14124	0.263	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.318	88	9153	1.296	ng/ul#	73
5) Naphthalene	10.730	128	12606	0.295	ng/ul	100
7) 2-Methylnaphthalene	12.352	142	7238	0.309	ng/ul	100
8) 1-Methylnaphthalene	12.561	142	8193	0.329	ng/ul	100
10) Acenaphthylene	14.245	152	10653	0.286	ng/ul	99
11) Acenaphthene	14.583	153	9380	0.286	ng/ul	98
12) Fluorene	15.582	166	9645	0.284	ng/ul	98
14) Pentachlorophenol	16.953	266	1843	0.569	ng/ul	98
15) Phenanthrene	17.320	178	13808	0.287	ng/ul	99
16) Anthracene	17.417	178	10573	0.282	ng/ul	99
19) Fluoranthene	19.338	202	15727	0.238	ng/ul	97
20) Pyrene	19.706	202	17266	0.256	ng/ul	95
21) Benzo(a)anthracene	21.457	228	12259	0.315	ng/ul	100
22) Chrysene	21.510	228	13376	0.300	ng/ul	100
24) Benzo(b)fluoranthene	23.138	252	13094	0.277	ng/ul	97
25) Benzo(k)fluoranthene	23.184	252	13076	0.291	ng/ul	98
26) Benzo(a)pyrene	23.763	252	11882	0.291	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.344	276	16730	0.308	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.364	278	12873	0.314	ng/ul	95
29) Benzo(g,h,i)perylene	27.099	276	15075	0.301	ng/ul	95

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

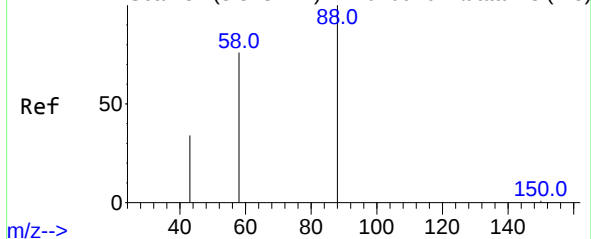
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM040974.D
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Operator : MA/JU
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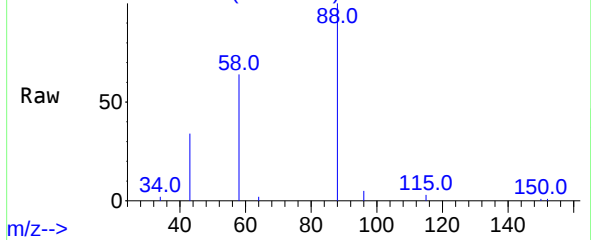
Quant Time: Jul 20 12:17:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
Response via : Initial Calibration



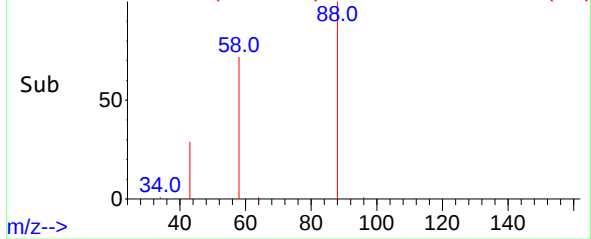
Abundance Scan 32 (3.318 min): BM040970.D\data.ms (-25)



Abundance Scan 32 (3.318 min): BM040974.D\data.ms



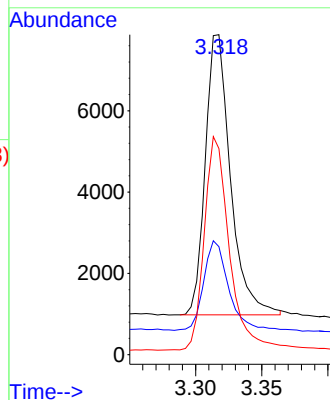
Abundance Scan 32 (3.318 min): BM040974.D\data.ms (-18)



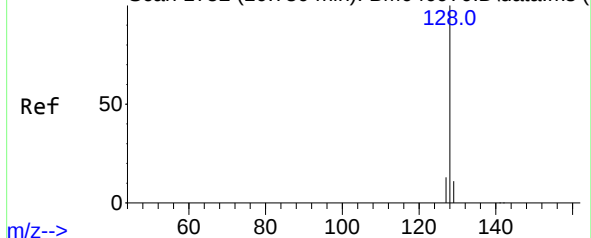
#2
1,4-Dioxane
Concen: 1.296 ng/ul
RT: 3.318 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM040974.D
Acq: 20 Jul 2023 10:30

Instrument :
BNA_M
ClientSampleId :
SLCS066

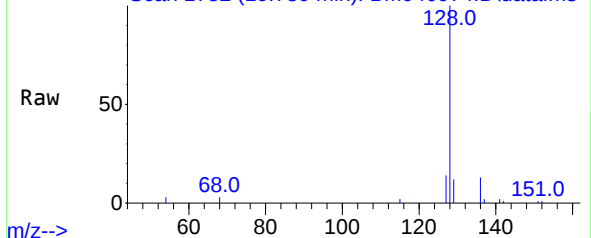
Tgt Ion: 88	Resp: 9153
Ion Ratio	Lower Upper
88	100
43	33.7 46.7 70.1#
58	64.4 40.3 60.5#



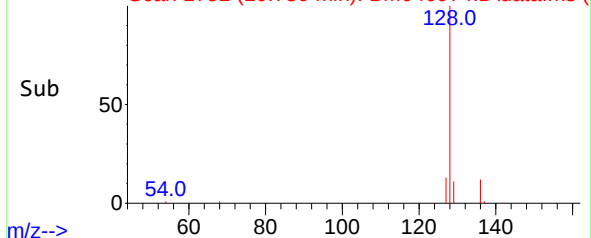
Abundance Scan 1752 (10.730 min): BM040970.D\data.ms (-)



Abundance Scan 1752 (10.730 min): BM040974.D\data.ms

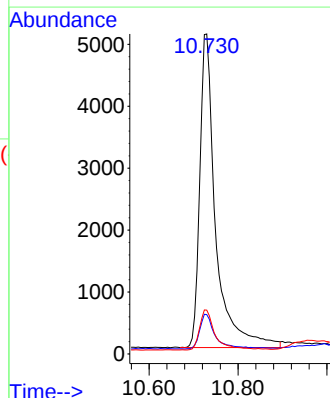


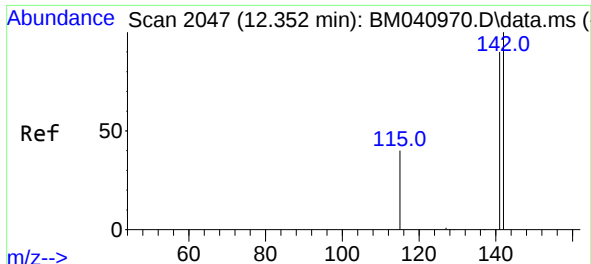
Abundance Scan 1752 (10.730 min): BM040974.D\data.ms (-)



#5
Naphthalene
Concen: 0.295 ng/ul
RT: 10.730 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM040974.D
Acq: 20 Jul 2023 10:30

Tgt Ion: 128	Resp: 12606
Ion Ratio	Lower Upper
128	100
129	12.3 9.8 14.8
127	13.7 11.0 16.4

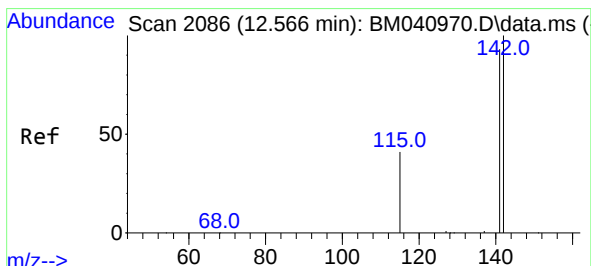
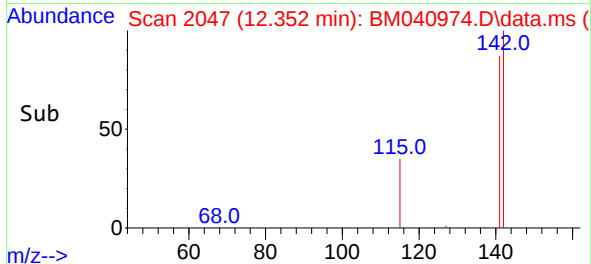
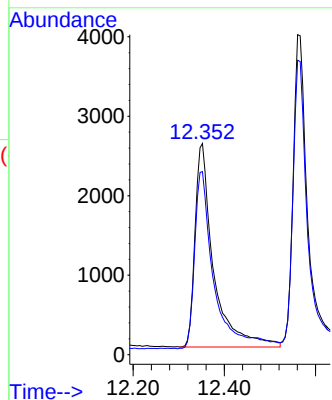
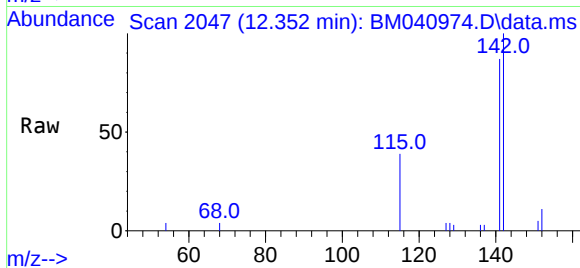




#7
2-Methylnaphthalene
Concen: 0.309 ng/ul
RT: 12.352 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BM040974.D
Acq: 20 Jul 2023 10:30

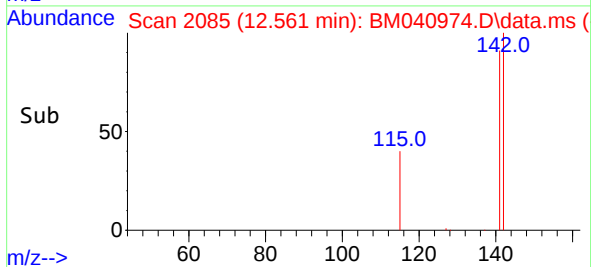
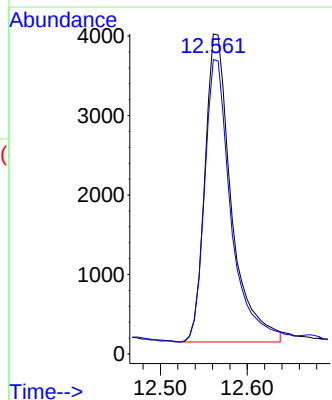
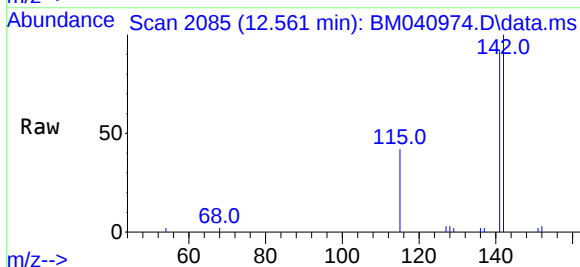
Instrument :
BNA_M
ClientSampleId :
SLCS066

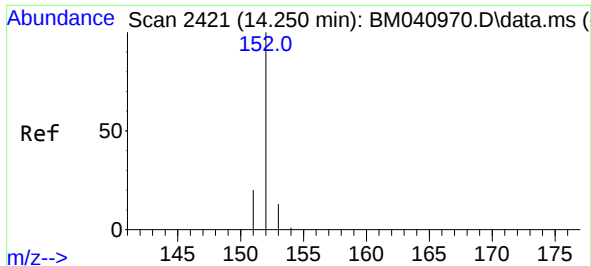
Tgt Ion:142 Resp: 7238
Ion Ratio Lower Upper
142 100
141 91.7 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 12.561 min Scan# 2085
Delta R.T. -0.005 min
Lab File: BM040974.D
Acq: 20 Jul 2023 10:30

Tgt Ion:142 Resp: 8193
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.2

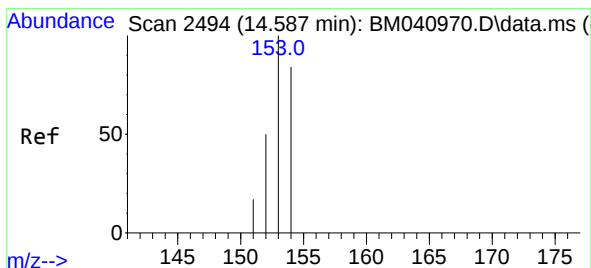
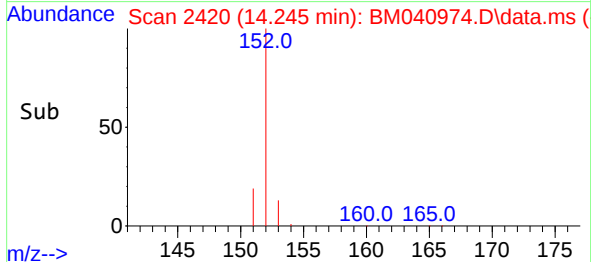
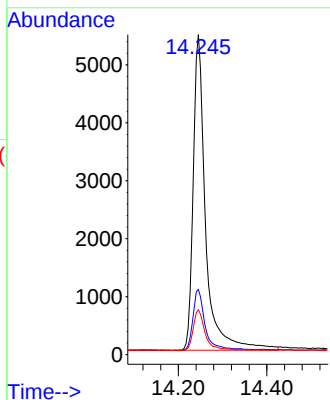
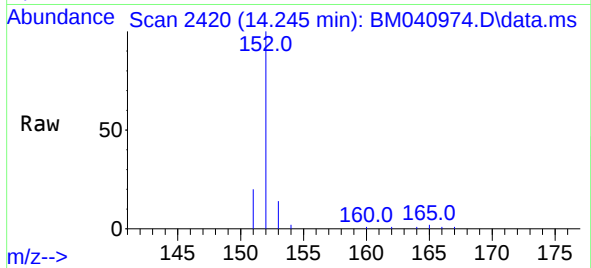




#10
Acenaphthylene
Concen: 0.286 ng/ul
RT: 14.245 min Scan# 2420
Delta R.T. -0.004 min
Lab File: BM040974.D
Acq: 20 Jul 2023 10:30

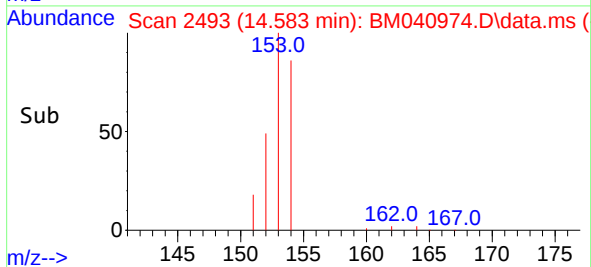
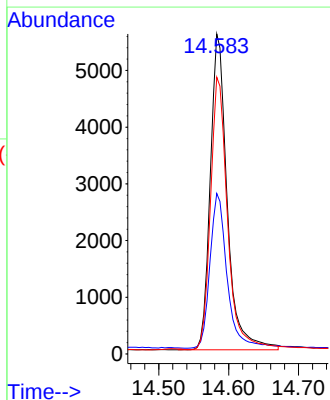
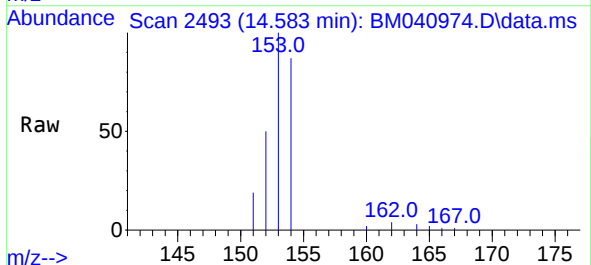
Instrument :
BNA_M
ClientSampleId :
SLCS066

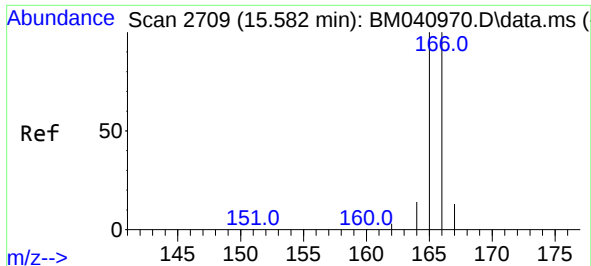
Tgt Ion:152 Resp: 10653
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 14.0 11.6 17.4



#11
Acenaphthene
Concen: 0.286 ng/ul
RT: 14.583 min Scan# 2493
Delta R.T. -0.004 min
Lab File: BM040974.D
Acq: 20 Jul 2023 10:30

Tgt Ion:153 Resp: 9380
Ion Ratio Lower Upper
153 100
152 50.2 41.0 61.6
154 86.5 68.2 102.2

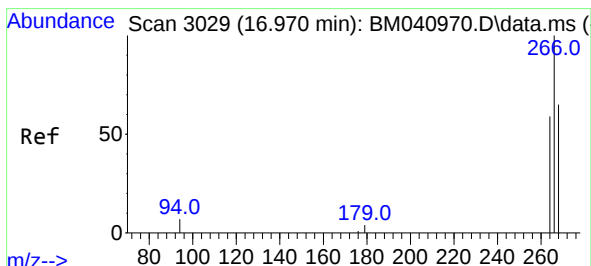
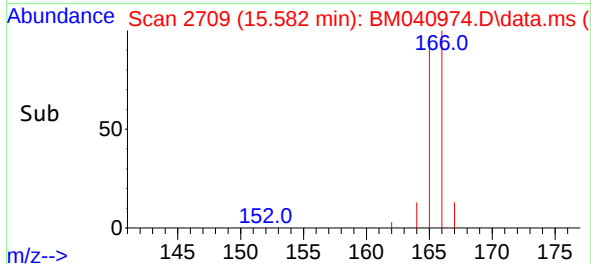
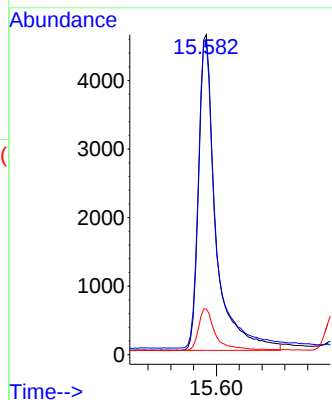
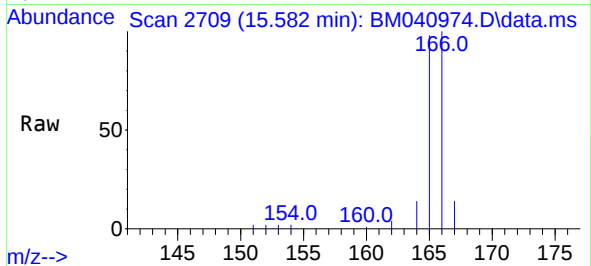




#12
Fluorene
Concen: 0.284 ng/ul
RT: 15.582 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM040974.D
Acq: 20 Jul 2023 10:30

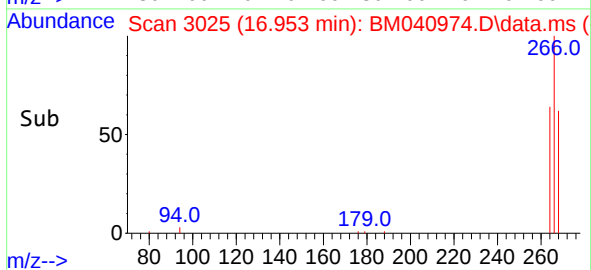
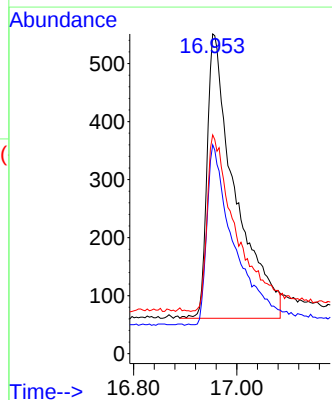
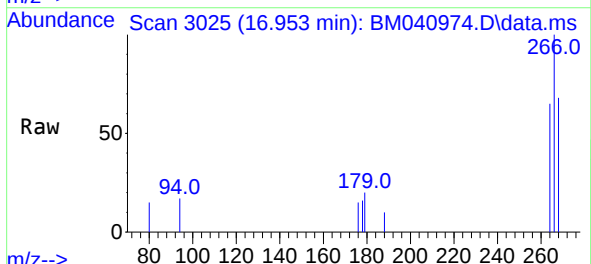
Instrument :
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SLCS066

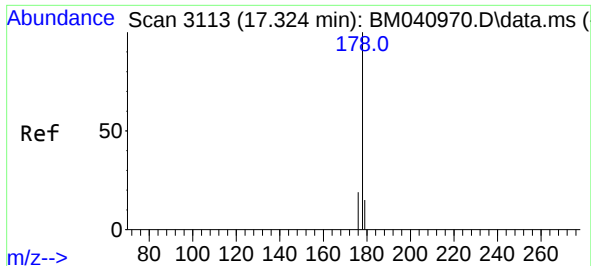
Tgt Ion:166 Resp: 9645
Ion Ratio Lower Upper
166 100
165 98.1 80.3 120.5
167 14.3 11.7 17.5



#14
Pentachlorophenol
Concen: 0.569 ng/ul
RT: 16.953 min Scan# 3025
Delta R.T. -0.021 min
Lab File: BM040974.D
Acq: 20 Jul 2023 10:30

Tgt Ion:266 Resp: 1843
Ion Ratio Lower Upper
266 100
264 62.0 50.7 76.1
268 64.4 52.8 79.2

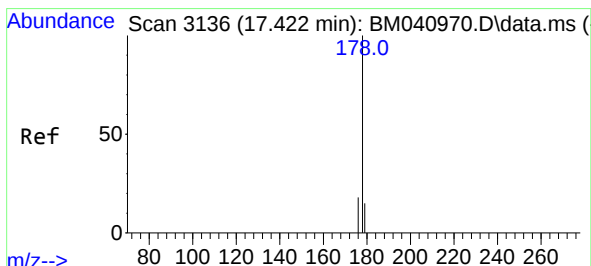
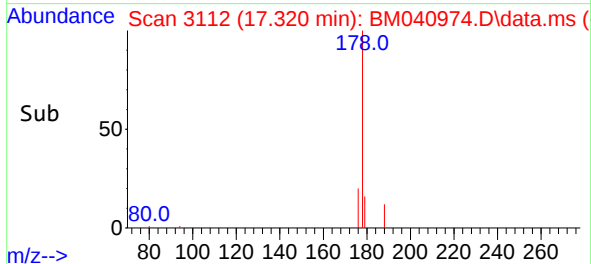
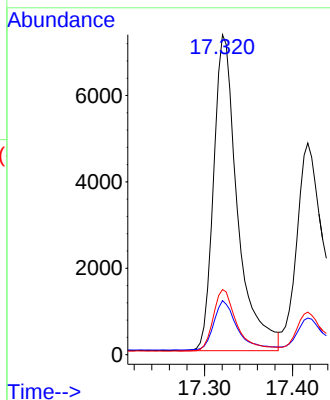
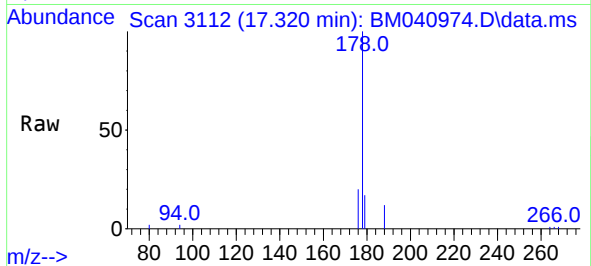




#15
Phenanthrene
Concen: 0.287 ng/ul
RT: 17.320 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BM040974.D
Acq: 20 Jul 2023 10:30

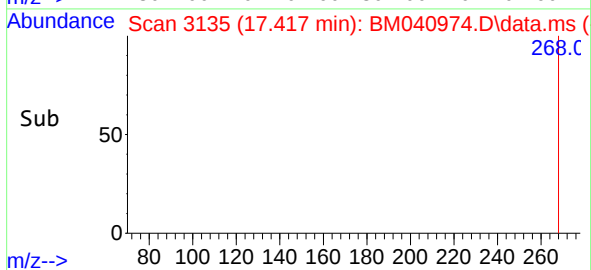
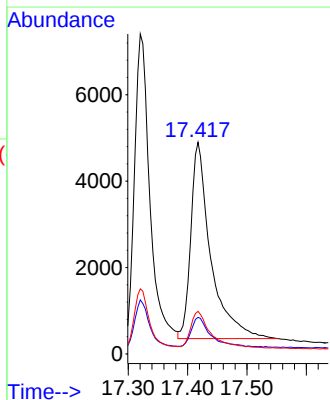
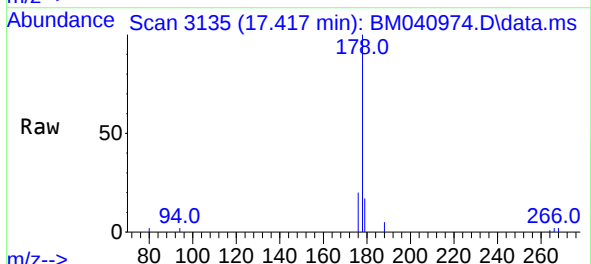
Instrument :
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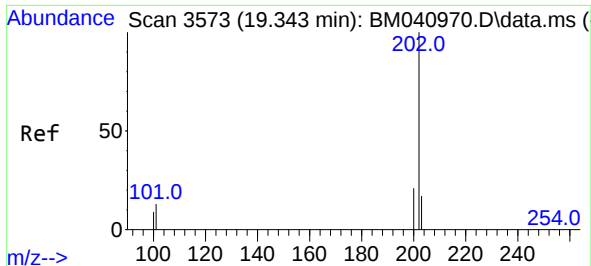
Tgt Ion:	178	Resp:	13808
Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.0	19.6
176	20.4	16.2	24.4



#16
Anthracene
Concen: 0.282 ng/ul
RT: 17.417 min Scan# 3135
Delta R.T. -0.004 min
Lab File: BM040974.D
Acq: 20 Jul 2023 10:30

Tgt Ion:	178	Resp:	10573
Ion	Ratio	Lower	Upper
178	100		
179	17.4	13.7	20.5
176	20.2	16.4	24.6

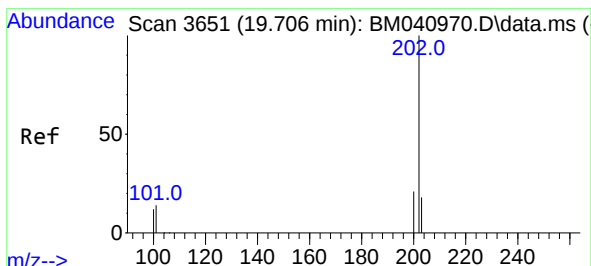
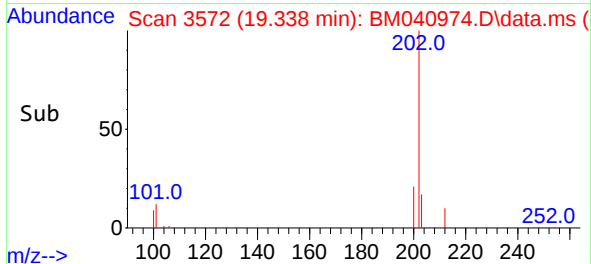
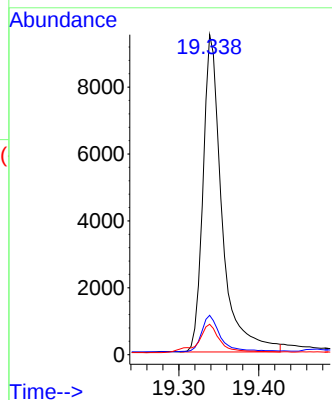
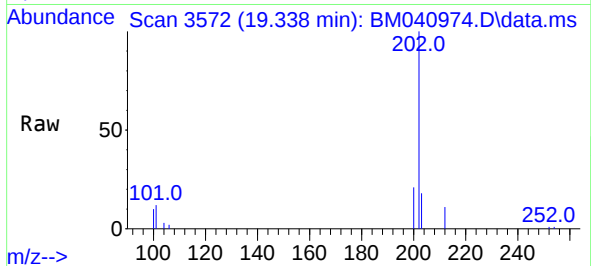




#19
Fluoranthene
Concen: 0.238 ng/ul
RT: 19.338 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040974.D
Acq: 20 Jul 2023 10:30

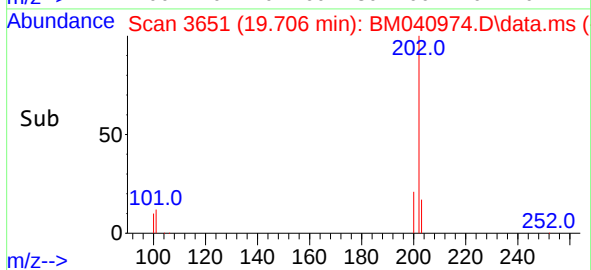
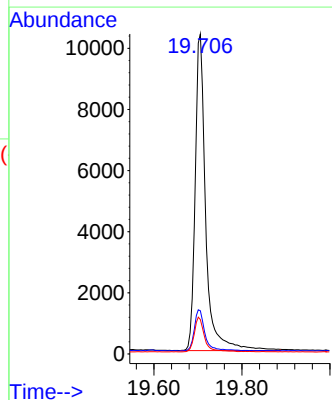
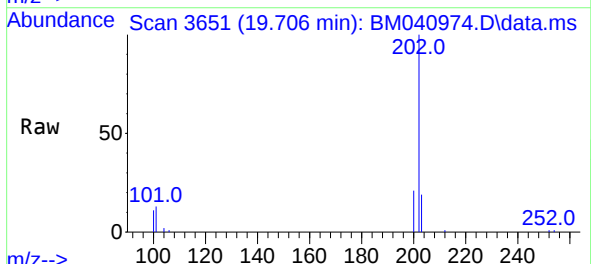
Instrument :
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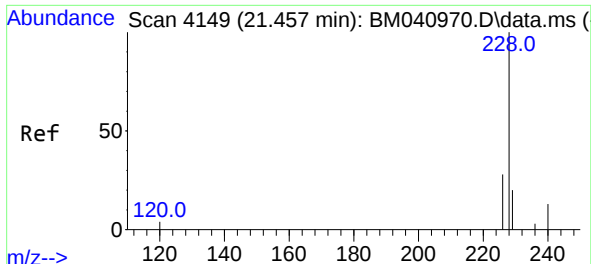
Tgt Ion:	202	Resp:	15727
Ion	Ratio	Lower	Upper
202	100		
101	12.3	11.0	16.4
100	9.5	8.3	12.5



#20
Pyrene
Concen: 0.256 ng/ul
RT: 19.706 min Scan# 3651
Delta R.T. 0.000 min
Lab File: BM040974.D
Acq: 20 Jul 2023 10:30

Tgt Ion:	202	Resp:	17266
Ion	Ratio	Lower	Upper
202	100		
101	13.5	12.5	18.7
100	10.7	10.0	15.0



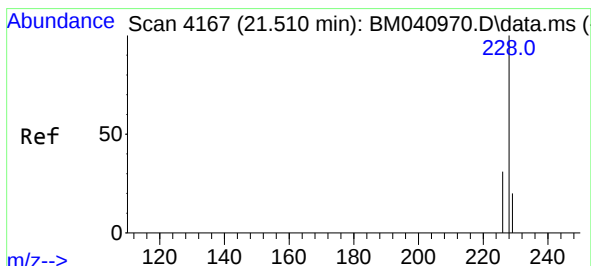
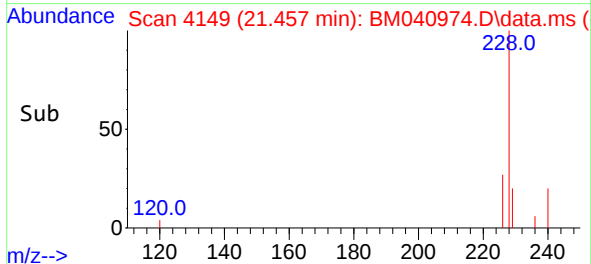
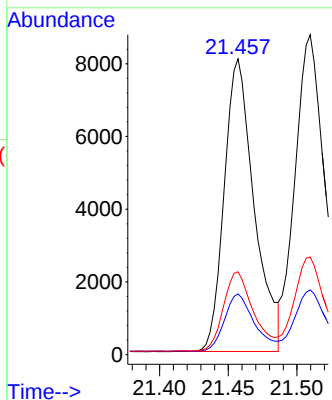
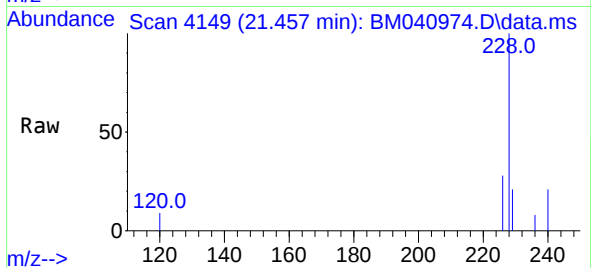


#21
Benzo(a)anthracene
Concen: 0.315 ng/ul
RT: 21.457 min Scan# 4149
Delta R.T. 0.000 min
Lab File: BM040974.D
Acq: 20 Jul 2023 10:30

Instrument :
BNA_M
ClientSampleId :
SLCS066

Tgt Ion:228 Resp: 12259

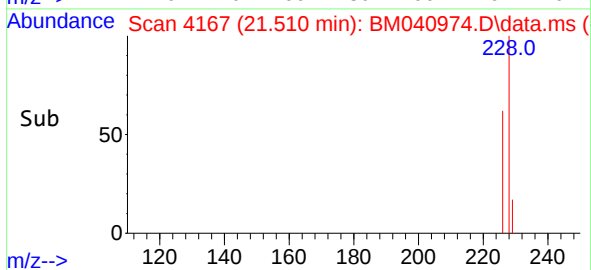
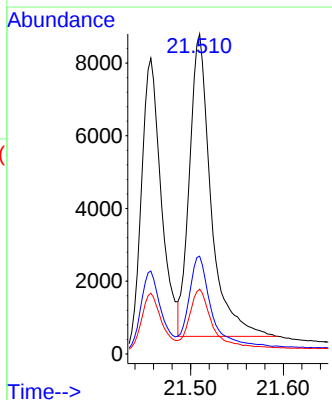
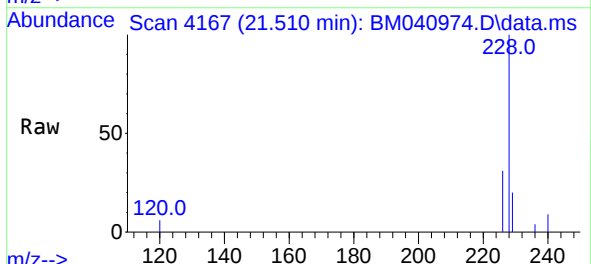
Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.2	24.4
226	28.0	22.3	33.5

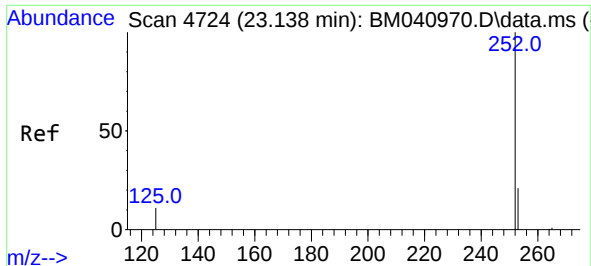


#22
Chrysene
Concen: 0.300 ng/ul
RT: 21.510 min Scan# 4167
Delta R.T. 0.003 min
Lab File: BM040974.D
Acq: 20 Jul 2023 10:30

Tgt Ion:228 Resp: 13376

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	20.3	16.1	24.1

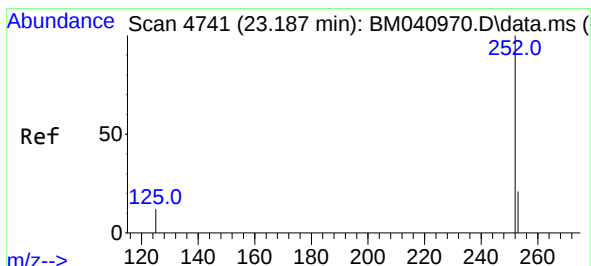
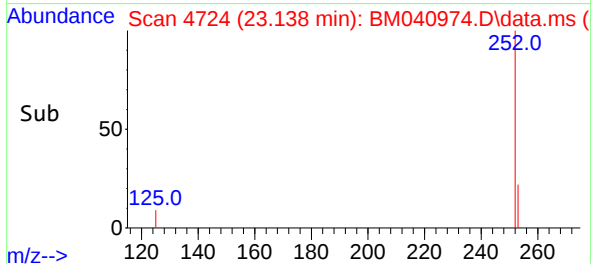
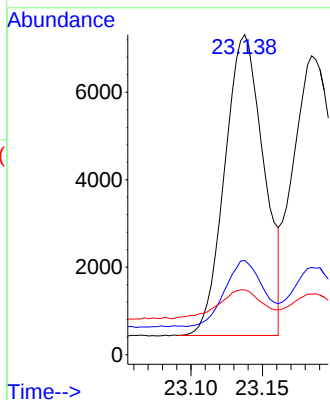
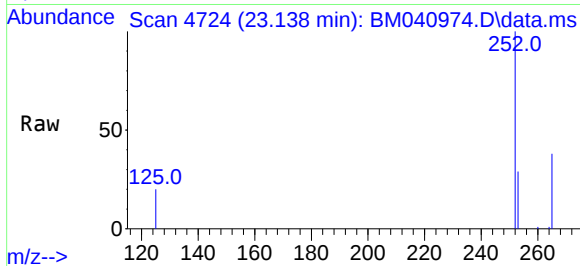




#24
Benzo(b)fluoranthene
Concen: 0.277 ng/ul
RT: 23.138 min Scan# 4724
Delta R.T. 0.003 min
Lab File: BM040974.D
Acq: 20 Jul 2023 10:30

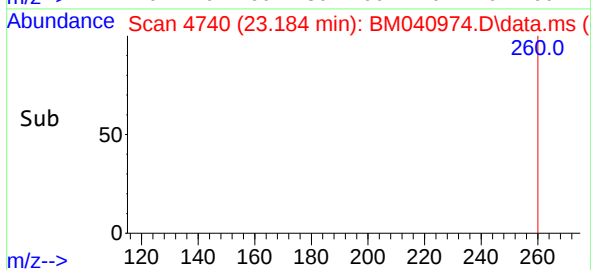
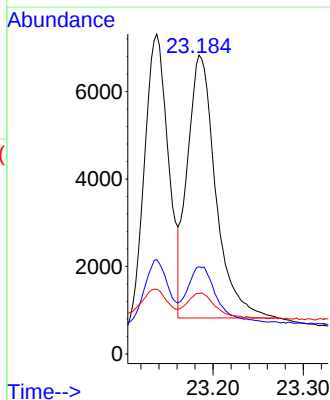
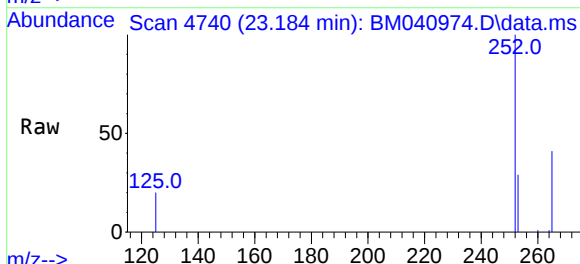
Instrument :
BNA_M
ClientSampleId :
SLCS066

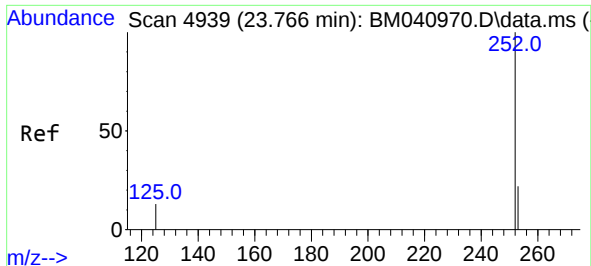
Tgt Ion:	252	Resp:	13094
Ion Ratio	Lower	Upper	
252	100		
253	29.4	0.0	57.4
125	20.3	0.0	45.2



#25
Benzo(k)fluoranthene
Concen: 0.291 ng/ul
RT: 23.184 min Scan# 4740
Delta R.T. -0.003 min
Lab File: BM040974.D
Acq: 20 Jul 2023 10:30

Tgt Ion:	252	Resp:	13076
Ion Ratio	Lower	Upper	
252	100		
253	29.2	23.3	34.9
125	20.2	18.2	27.2

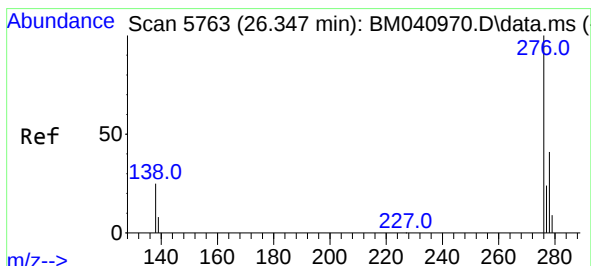
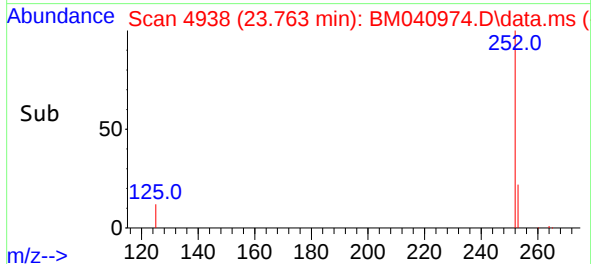
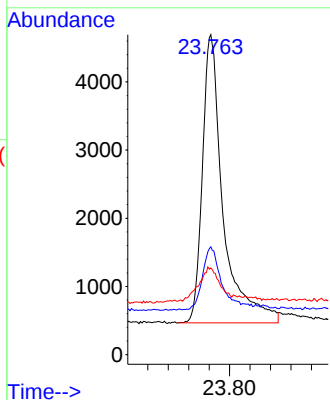
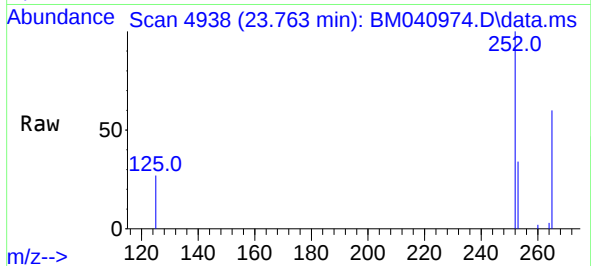




#26
Benzo(a)pyrene
Concen: 0.291 ng/ul
RT: 23.763 min Scan# 4939
Delta R.T. 0.000 min
Lab File: BM040974.D
Acq: 20 Jul 2023 10:30

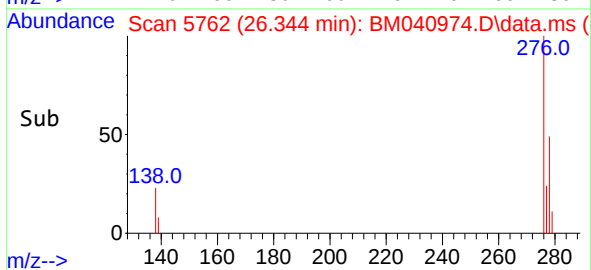
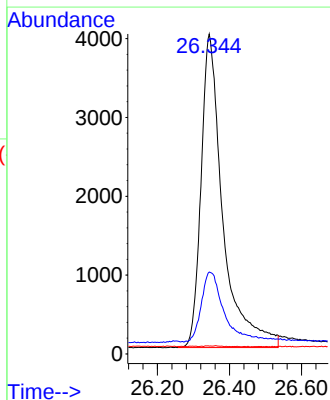
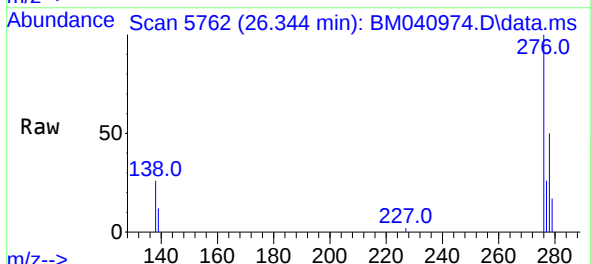
Instrument :
BNA_M
ClientSampleId :
SLCS066

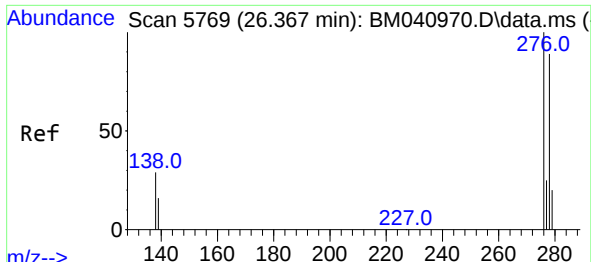
Tgt Ion:	252	Resp:	11882
Ion Ratio	Lower	Upper	
252	100		
253	33.7	28.2	42.2
125	27.1	25.2	37.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.308 ng/ul
RT: 26.344 min Scan# 5762
Delta R.T. -0.007 min
Lab File: BM040974.D
Acq: 20 Jul 2023 10:30

Tgt Ion:	276	Resp:	16730
Ion Ratio	Lower	Upper	
276	100		
138	23.8	22.3	33.5
227	0.1	0.0	0.0

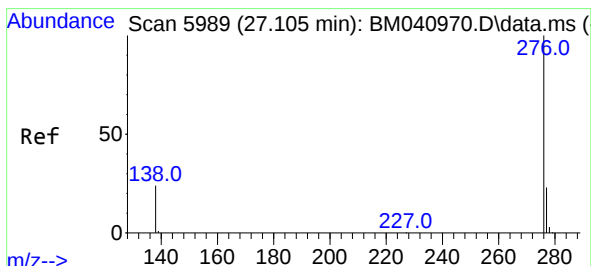
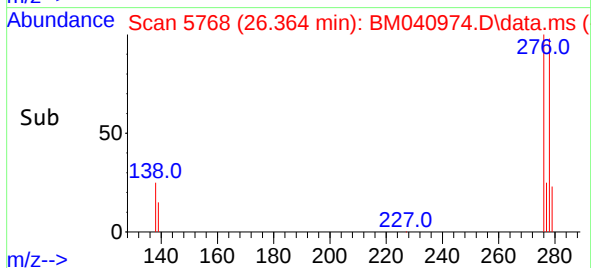
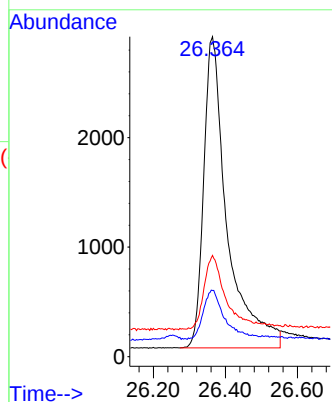
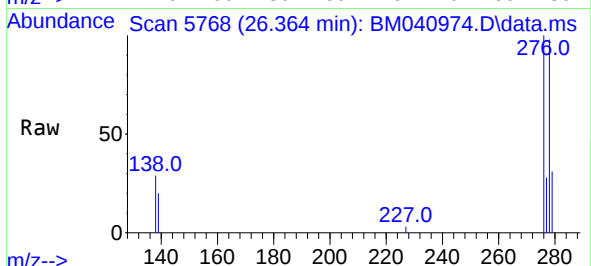




#28
Dibenzo(a,h)anthracene
Concen: 0.314 ng/ul
RT: 26.364 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM040974.D
Acq: 20 Jul 2023 10:30

Instrument :
BNA_M
ClientSampleId :
SLCS066

Tgt Ion:278 Resp: 12873
Ion Ratio Lower Upper
278 100
139 20.7 19.2 28.8
279 31.6 27.0 40.6



#29
Benzo(g,h,i)perylene
Concen: 0.301 ng/ul
RT: 27.099 min Scan# 5987
Delta R.T. -0.003 min
Lab File: BM040974.D
Acq: 20 Jul 2023 10:30

Tgt Ion:276 Resp: 15075
Ion Ratio Lower Upper
276 100
138 23.7 22.6 34.0
277 26.2 21.2 31.8

