

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038275.D
 Acq On : 24 Dec 2022 17:56
 Operator : CG/JU
 Sample : N6018-17DL 5X
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 02:56:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

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

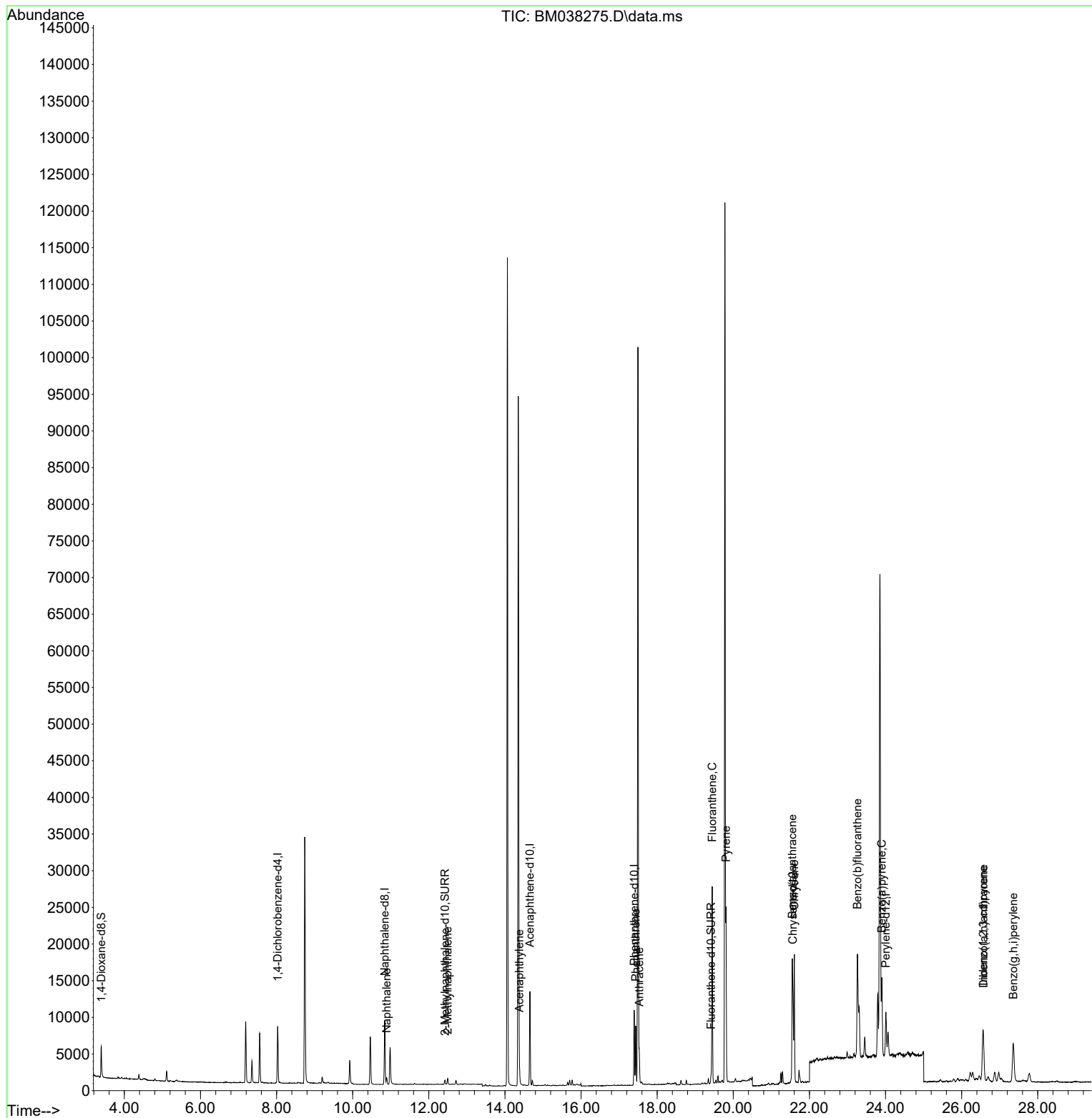
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	3923	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	11470	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	6459	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	11856	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	8268	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	8000	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	2653	0.665	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	767	0.045	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	1312	0.042	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.889	128	1250	0.037	ng/ul#	86
7) 2-Methylnaphthalene	12.495	142	547	0.026	ng/ul	95
10) Acenaphthylene	14.379	152	2665	0.075	ng/ul#	92
15) Phenanthrene	17.438	178	8262	0.208	ng/ul	98
16) Anthracene	17.531	178	4205	0.110	ng/ul	96
19) Fluoranthene	19.445	202	22232	0.491	ng/ul	99
20) Pyrene	19.808	202	19415	0.424	ng/ul	98
21) Benzo(a)anthracene	21.547	228	13103	0.361	ng/ul	97
22) Chrysene	21.603	228	17345	0.491	ng/ul	97
24) Benzo(b)fluoranthene	23.260	252	23953	0.676	ng/ul	97
26) Benzo(a)pyrene	23.900	252	15297	0.495	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.565	276	11942	0.279	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.572	278	3079	0.092	ng/ul#	48
29) Benzo(g,h,i)perylene	27.357	276	11680	0.324	ng/ul	99

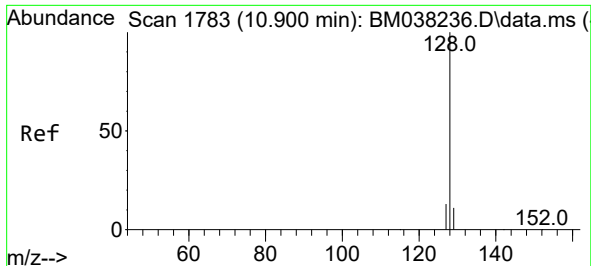
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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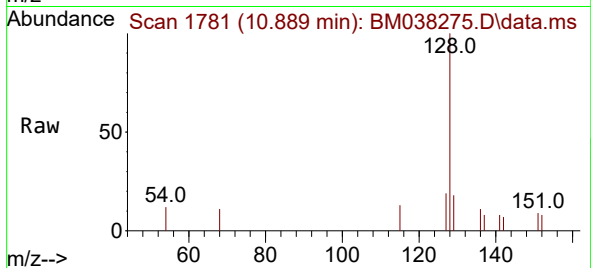
Quant Time: Dec 25 02:56:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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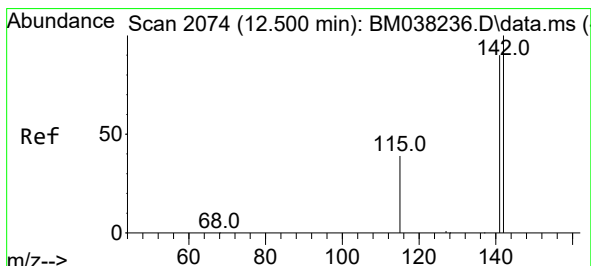
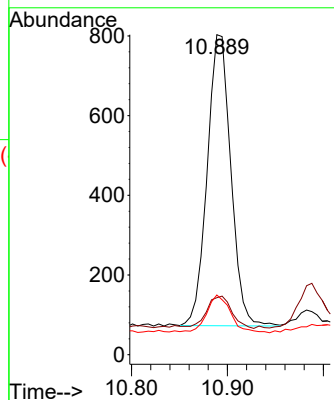
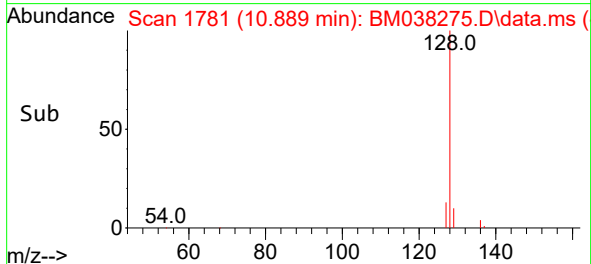


#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.889 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

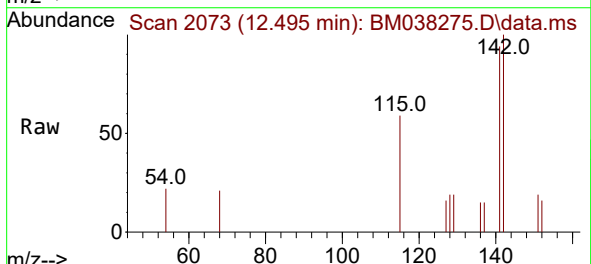
Instrument :
BNA_M
ClientSampleId :



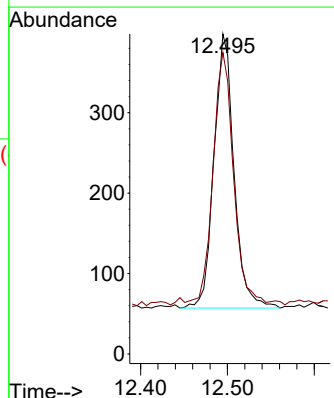
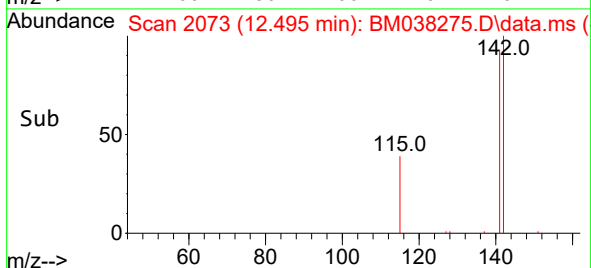
Tgt Ion:128 Resp: 1250
Ion Ratio Lower Upper
128 100
129 17.8 9.4 14.0#
127 18.7 10.7 16.1#

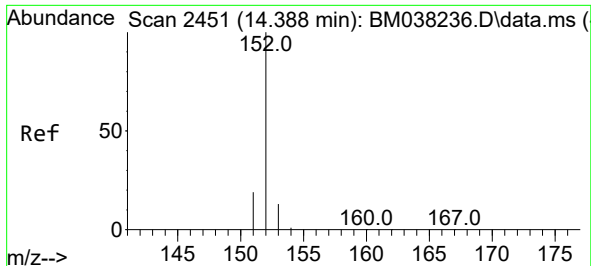


#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56



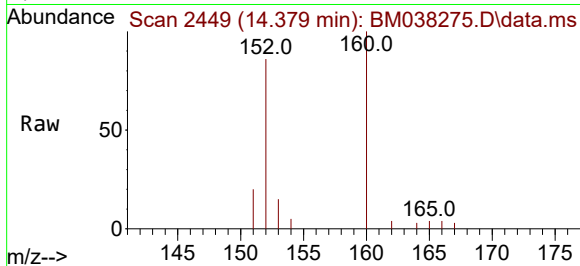
Tgt Ion:142 Resp: 547
Ion Ratio Lower Upper
142 100
141 95.1 71.9 107.9



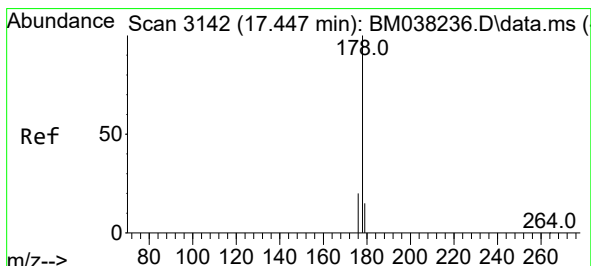
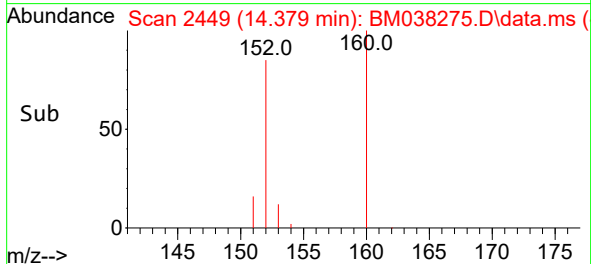
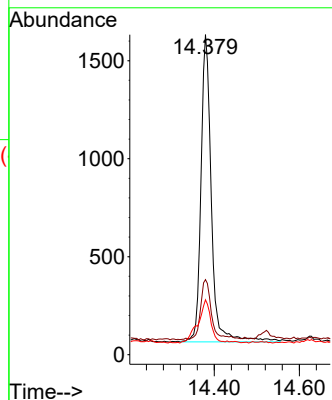


#10
Acenaphthylene
Concen: 0.075 ng/ul
RT: 14.379 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

Instrument :
BNA_M
ClientSampleId :

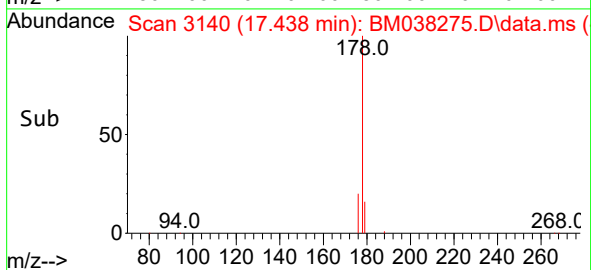
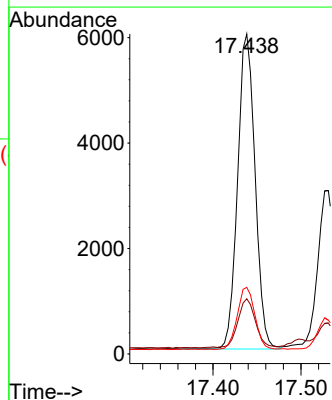
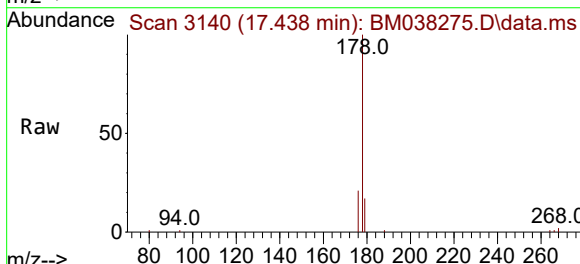


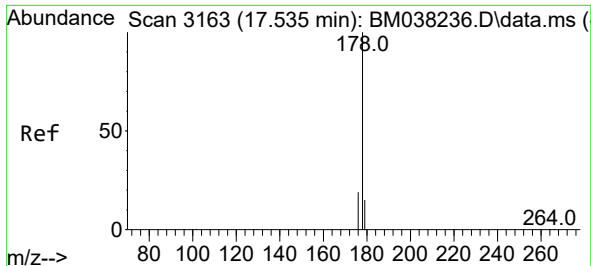
Tgt Ion:152 Resp: 2665
Ion Ratio Lower Upper
152 100
151 23.5 16.2 24.2
153 17.1 10.7 16.1#



#15
Phenanthrene
Concen: 0.208 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

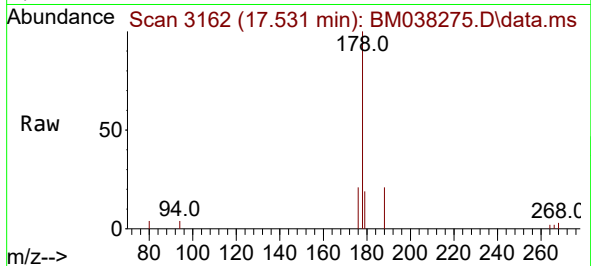
Tgt Ion:178 Resp: 8262
Ion Ratio Lower Upper
178 100
179 17.2 13.0 19.4
176 20.8 16.2 24.4



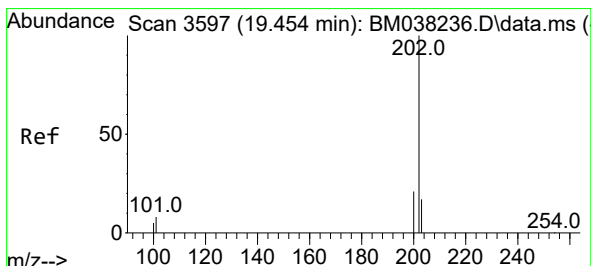
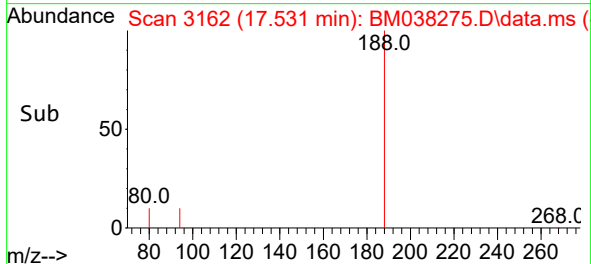
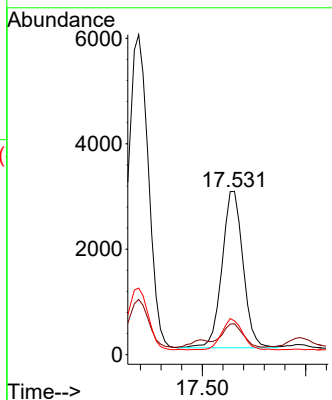


#16
 Anthracene
 Concen: 0.110 ng/ul
 RT: 17.531 min Scan# 3163
 Delta R.T. 0.000 min
 Lab File: BM038275.D
 Acq: 24 Dec 2022 17:56

Instrument :
 BNA_M
 ClientSampleId :

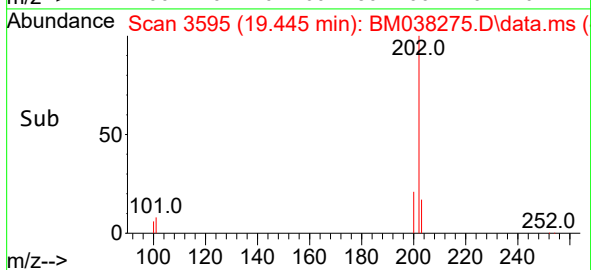
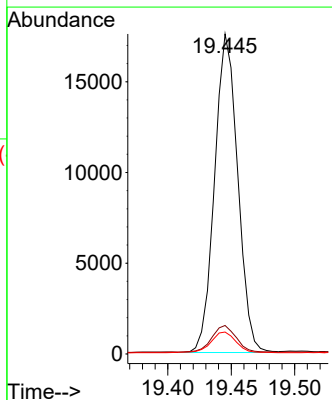
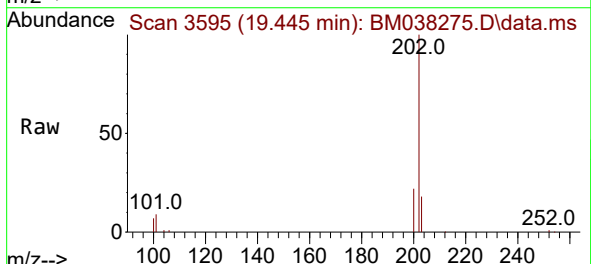


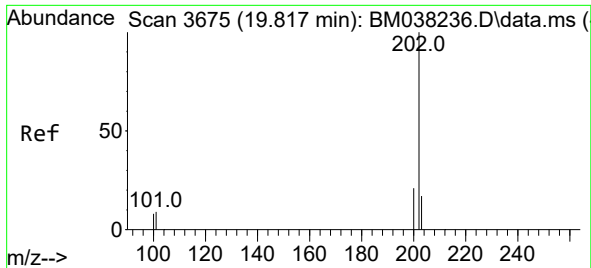
Tgt Ion:178 Resp: 4205
 Ion Ratio Lower Upper
 178 100
 179 18.9 13.0 19.6
 176 20.7 15.6 23.4



#19
 Fluoranthene
 Concen: 0.491 ng/ul
 RT: 19.445 min Scan# 3595
 Delta R.T. -0.005 min
 Lab File: BM038275.D
 Acq: 24 Dec 2022 17:56

Tgt Ion:202 Resp: 22232
 Ion Ratio Lower Upper
 202 100
 101 8.9 7.5 11.3
 100 6.9 5.6 8.4

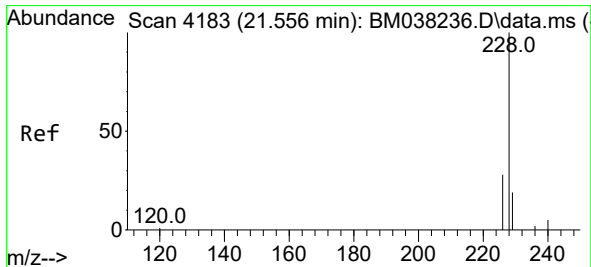
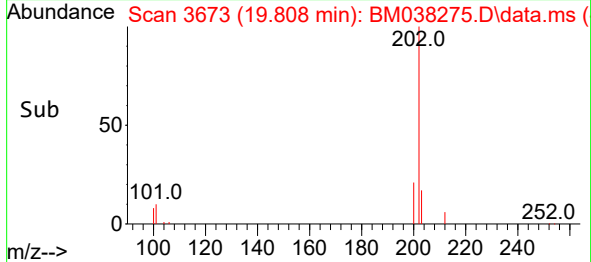
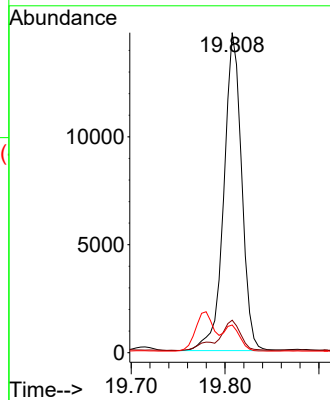
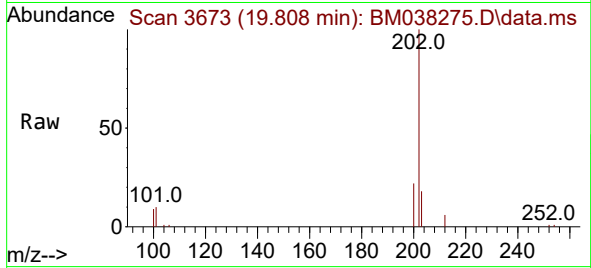




#20
Pyrene
Concen: 0.424 ng/ul
RT: 19.808 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

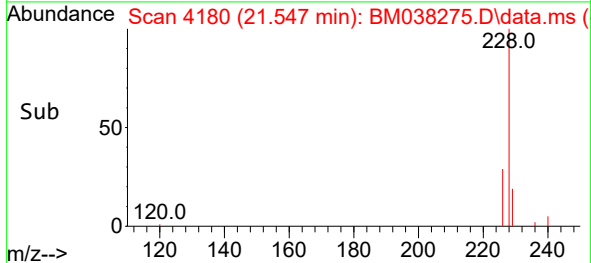
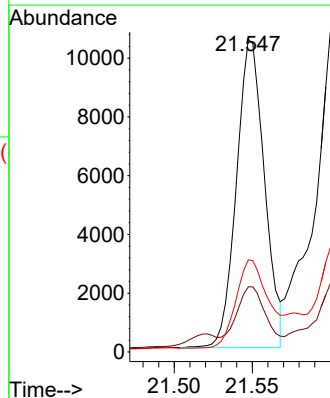
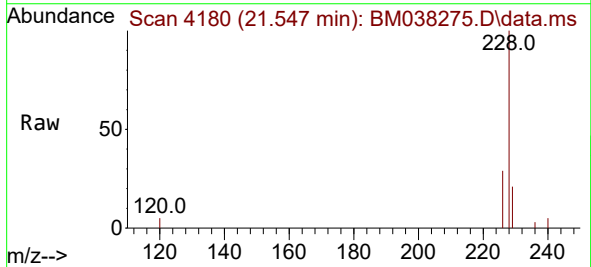
Instrument :
BNA_M
ClientSampleId :

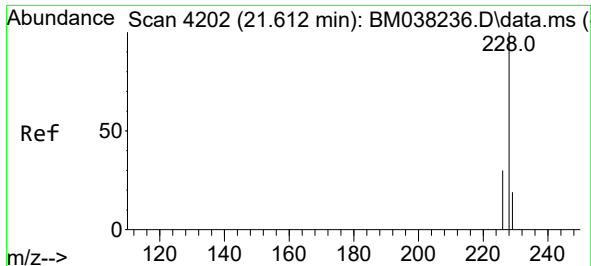
Tgt Ion:	202	Resp:	19415
Ion Ratio	Lower	Upper	
202	100		
101	10.1	8.9	13.3
100	8.7	7.4	11.0



#21
Benzo(a)anthracene
Concen: 0.361 ng/ul
RT: 21.547 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

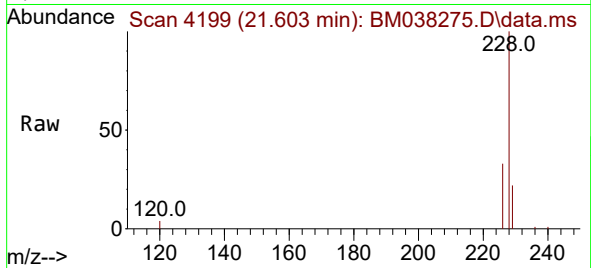
Tgt Ion:	228	Resp:	13103
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.5	23.3
226	29.5	22.2	33.2



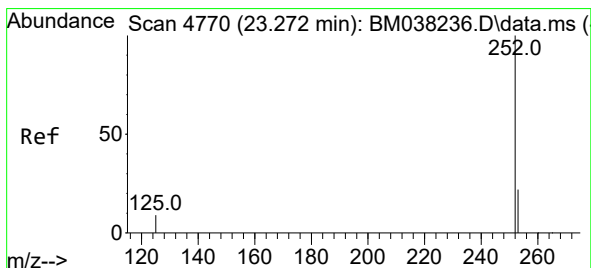
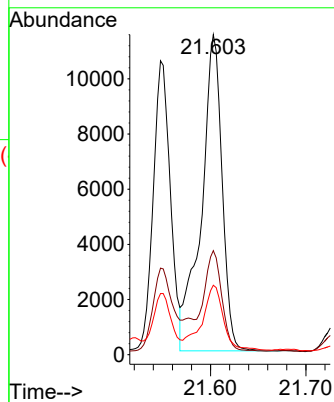
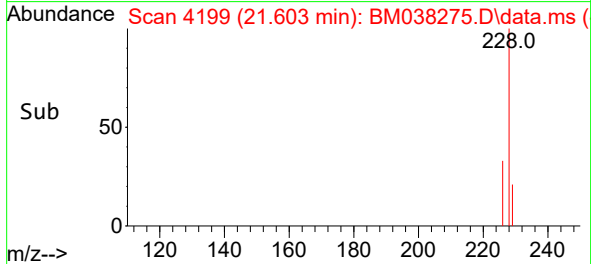


#22
Chrysene
Concen: 0.491 ng/ul
RT: 21.603 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

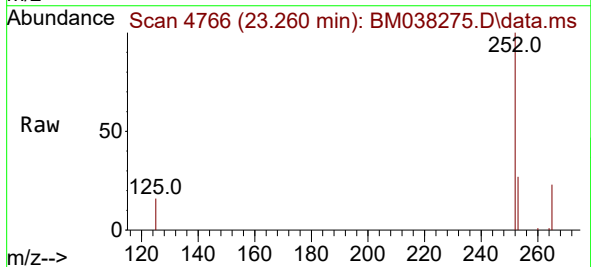
Instrument :
BNA_M
ClientSampleId :



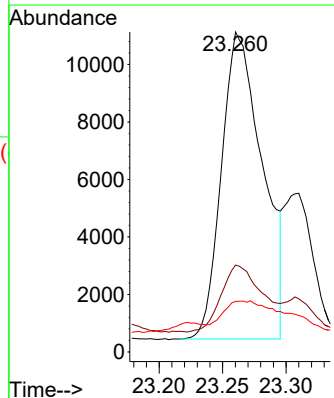
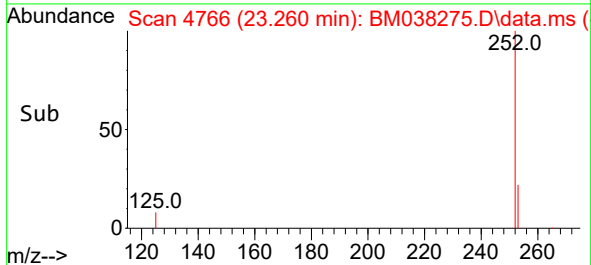
Tgt Ion:228 Resp: 17345
Ion Ratio Lower Upper
228 100
226 32.5 25.0 37.4
229 21.7 16.0 24.0

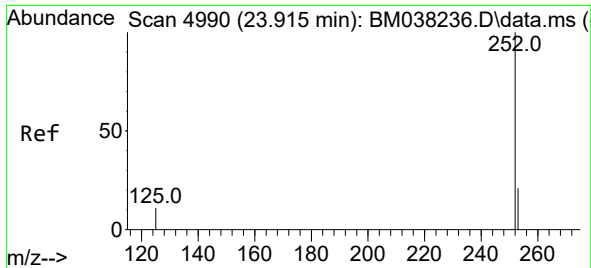


#24
Benzo(b)fluoranthene
Concen: 0.676 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56



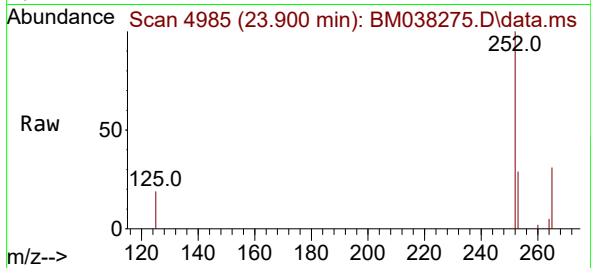
Tgt Ion:252 Resp: 23953
Ion Ratio Lower Upper
252 100
253 27.1 0.0 56.0
125 15.8 0.0 36.6



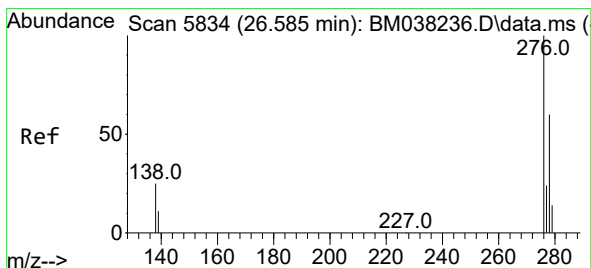
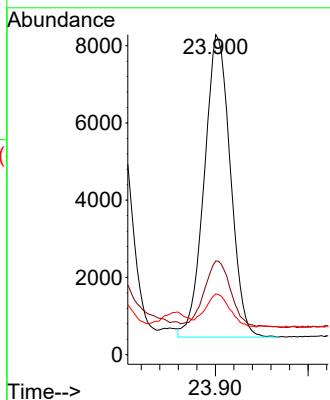
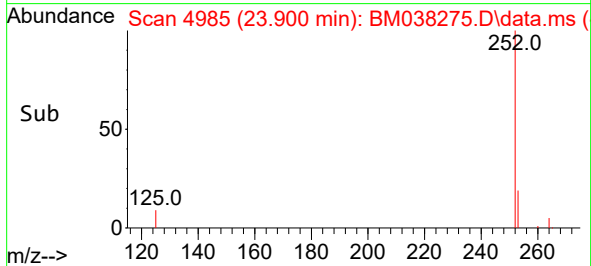


#26
Benzo(a)pyrene
Concen: 0.495 ng/ul
RT: 23.900 min Scan# 4990
Delta R.T. -0.006 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

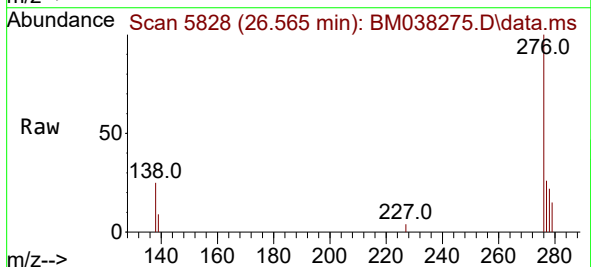
Instrument :
BNA_M
ClientSampleId :



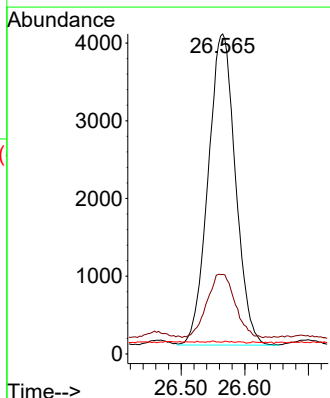
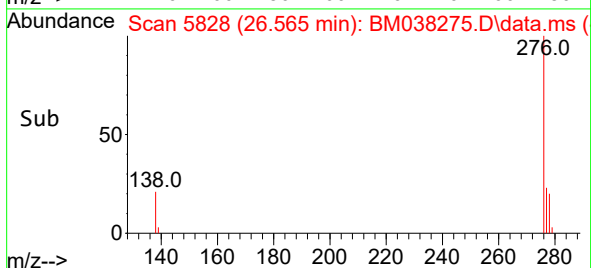
Tgt Ion:252 Resp: 15297
Ion Ratio Lower Upper
252 100
253 29.3 24.2 36.4
125 19.0 17.3 25.9

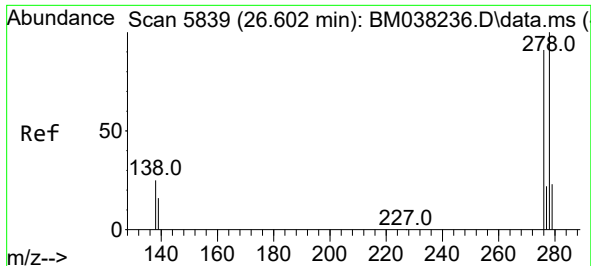


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.279 ng/ul
RT: 26.565 min Scan# 5828
Delta R.T. -0.003 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56



Tgt Ion:276 Resp: 11942
Ion Ratio Lower Upper
276 100
138 21.1 21.7 32.5#
227 0.1 0.0 0.0#

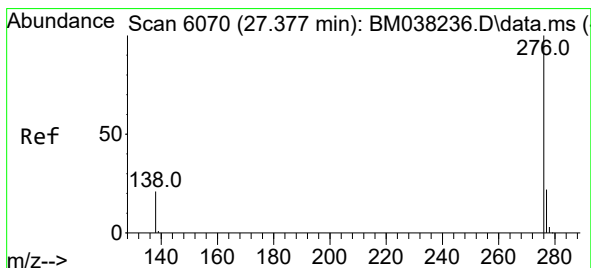
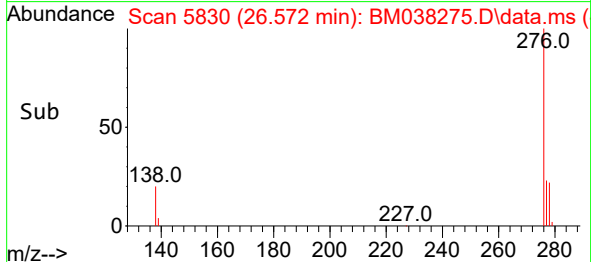
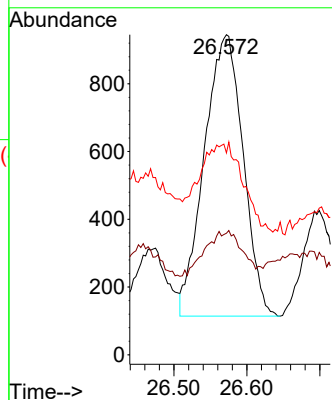
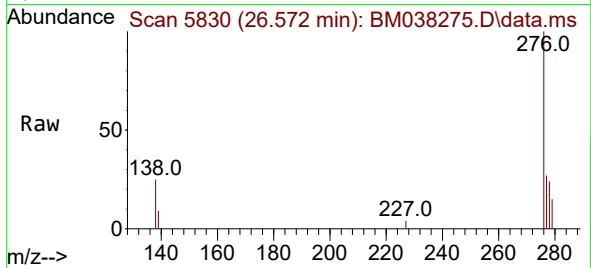




#28
Dibenzo(a,h)anthracene
Concen: 0.092 ng/ul
RT: 26.572 min Scan# 5830
Delta R.T. -0.017 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 3079
Ion Ratio Lower Upper
278 100
139 38.0 16.8 25.2#
279 63.1 23.4 35.2#



#29
Benzo(g,h,i)perylene
Concen: 0.324 ng/ul
RT: 27.357 min Scan# 6064
Delta R.T. -0.003 min
Lab File: BM038275.D
Acq: 24 Dec 2022 17:56

Tgt Ion:276 Resp: 11680
Ion Ratio Lower Upper
276 100
138 25.6 20.8 31.2
277 26.5 20.5 30.7

