

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042040.D
 Acq On : 25 Sep 2023 19:48
 Operator : MA/JU
 Sample : 04429-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBKJ1

Quant Time: Sep 26 02:20:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

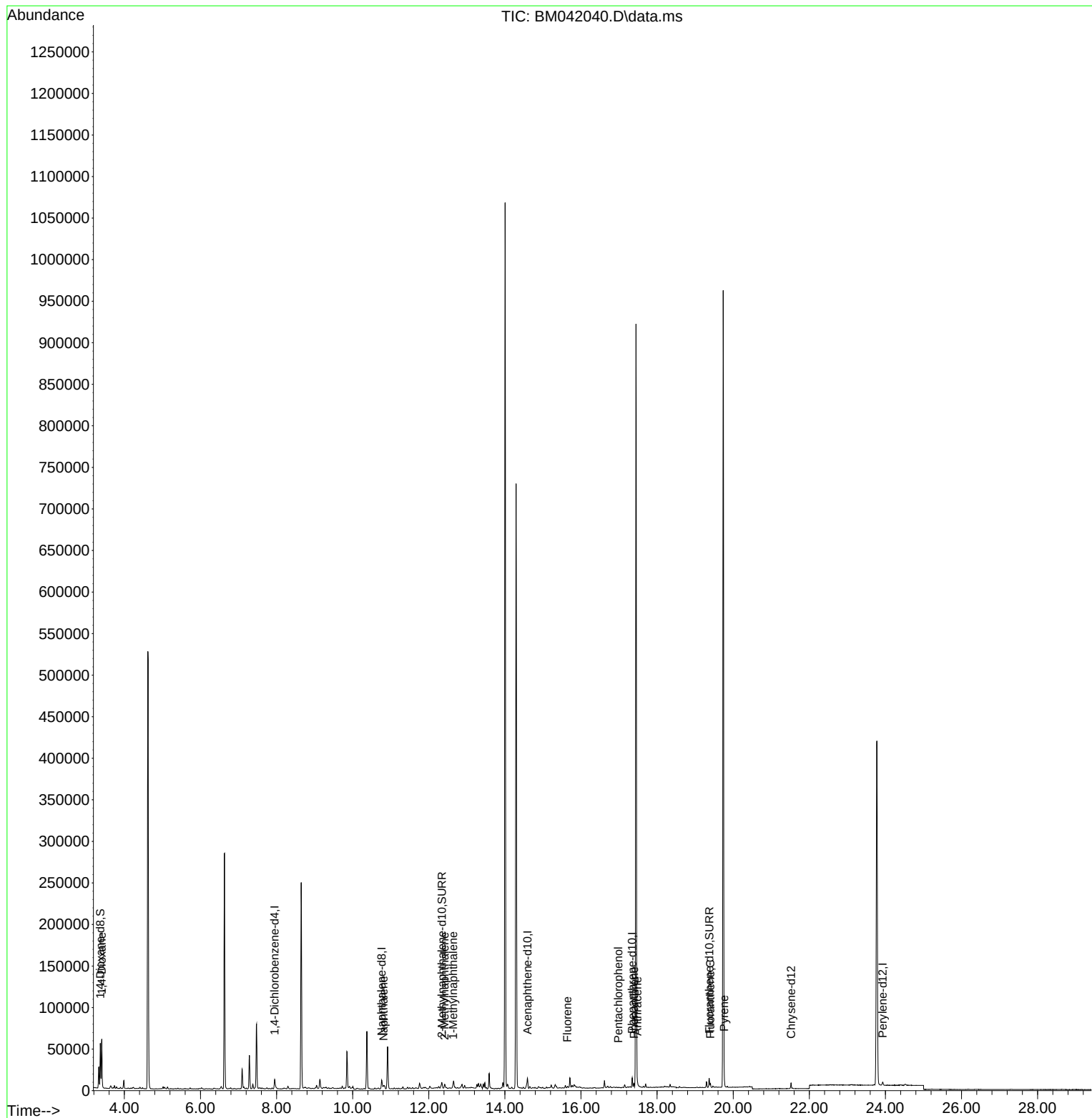
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	5205	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	13472	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.597	164	6875	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.345	188	12085	0.400	ng/ul #	0.00
17) Chrysene-d12	21.521	240	5348	0.400	ng/ul	0.00
23) Perylene-d12	23.930	264	5587	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	30104	4.244	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	6572	0.390	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	9917	0.450	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	34776	4.660	ng/ul#	85
5) Naphthalene	10.812	128	6703	0.149	ng/ul#	82
7) 2-Methylnaphthalene	12.418	142	3198	0.119	ng/ul	95
8) 1-Methylnaphthalene	12.638	142	2088	0.076	ng/ul	96
12) Fluorene	15.642	166	1000	0.025	ng/ul#	91
14) Pentachlorophenol	16.978	266	359	0.056	ng/ul#	89
15) Phenanthrene	17.392	178	5706	0.102	ng/ul#	79
16) Anthracene	17.481	178	2324	0.048	ng/ul#	50
19) Fluoranthene	19.399	202	3990	0.066	ng/ul#	83
20) Pyrene	19.766	202	5256	0.088	ng/ul#	87

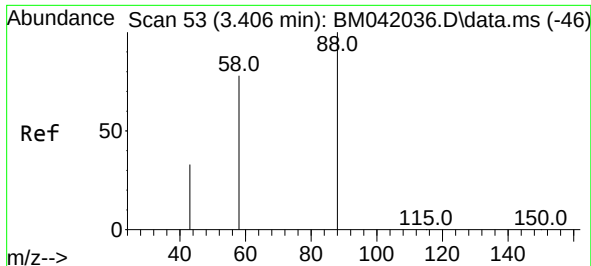
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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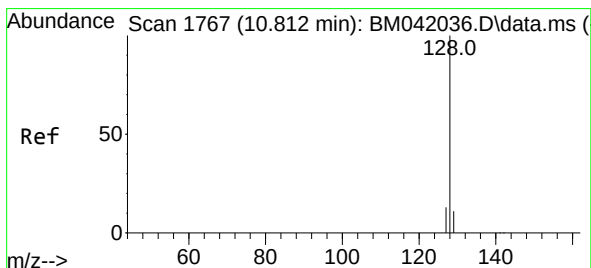
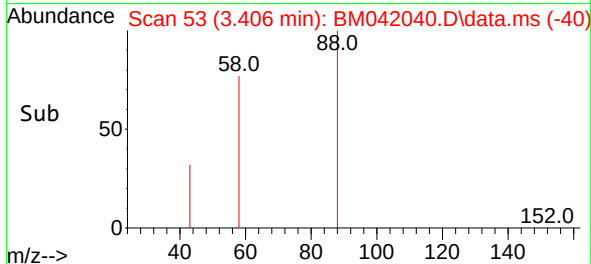
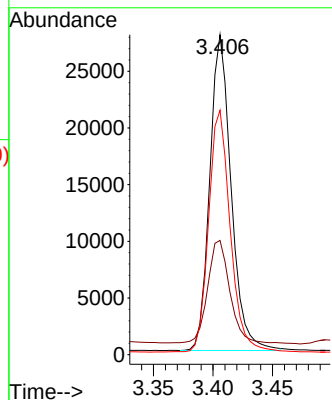
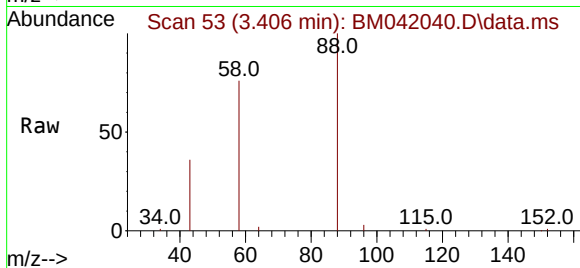




#2
 1,4-Dioxane
 Concen: 4.660 ng/ul
 RT: 3.406 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BM042040.D
 Acq: 25 Sep 2023 19:48

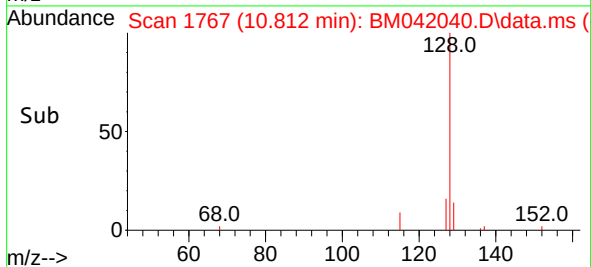
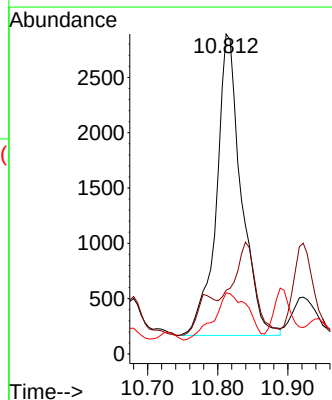
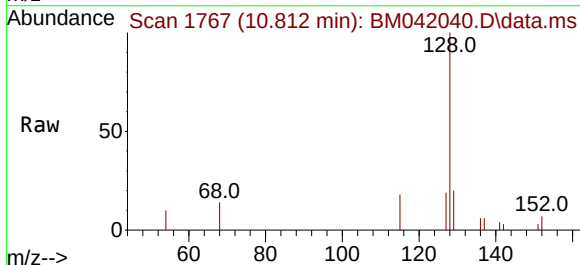
Instrument :
 BNA_M
 ClientSampleId :
 BBKJ1

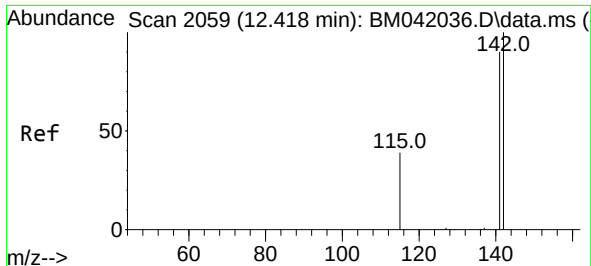
Tgt Ion: 88 Resp: 34776
 Ion Ratio Lower Upper
 88 100
 43 35.7 42.9 64.3#
 58 76.4 56.4 84.6



#5
 Naphthalene
 Concen: 0.149 ng/ul
 RT: 10.812 min Scan# 1767
 Delta R.T. -0.006 min
 Lab File: BM042040.D
 Acq: 25 Sep 2023 19:48

Tgt Ion: 128 Resp: 6703
 Ion Ratio Lower Upper
 128 100
 129 19.9 9.2 13.8#
 127 19.1 10.8 16.2#

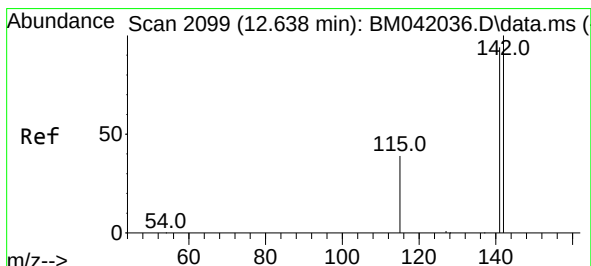
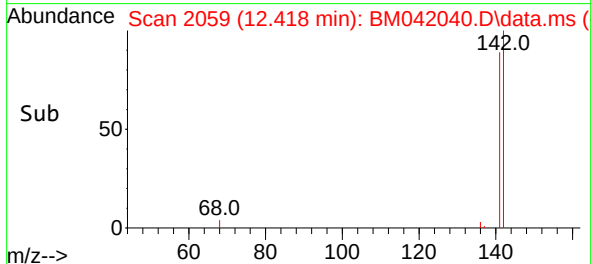
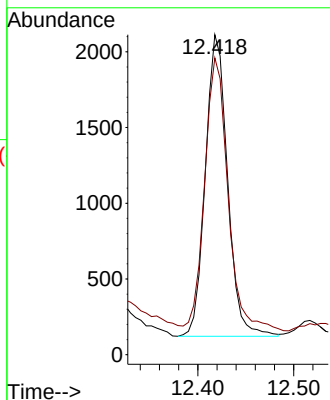
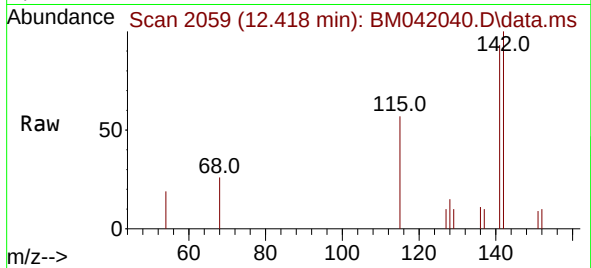




#7
2-Methylnaphthalene
Concen: 0.119 ng/ul
RT: 12.418 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BM042040.D
Acq: 25 Sep 2023 19:48

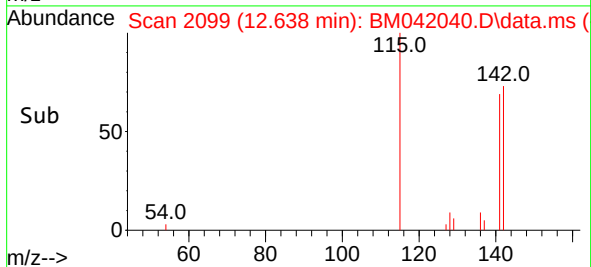
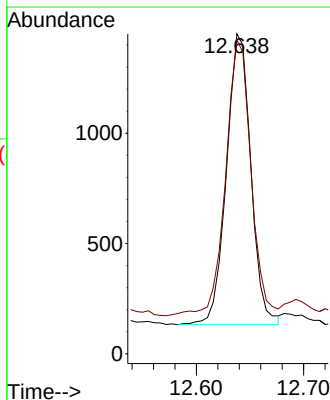
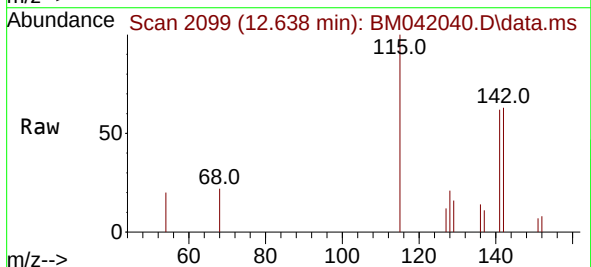
Instrument :
BNA_M
ClientSampleId :
BBKJ1

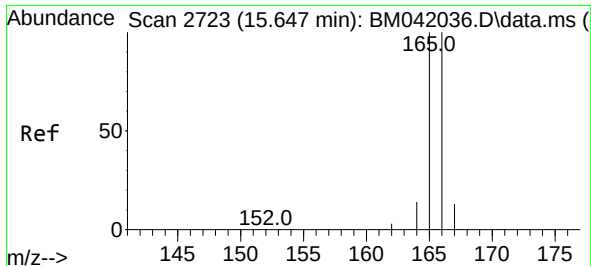
Tgt Ion:142 Resp: 3198
Ion Ratio Lower Upper
142 100
141 95.2 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.638 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BM042040.D
Acq: 25 Sep 2023 19:48

Tgt Ion:142 Resp: 2088
Ion Ratio Lower Upper
142 100
141 97.8 75.1 112.7

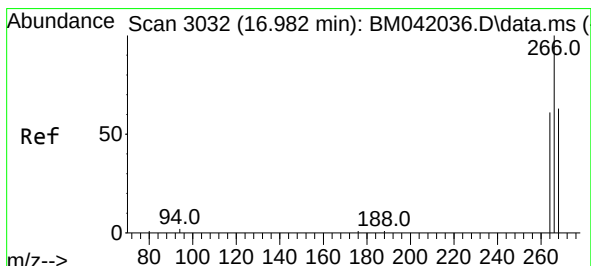
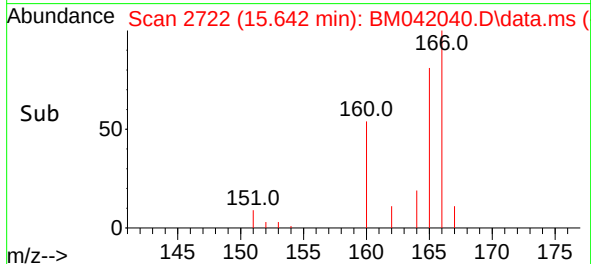
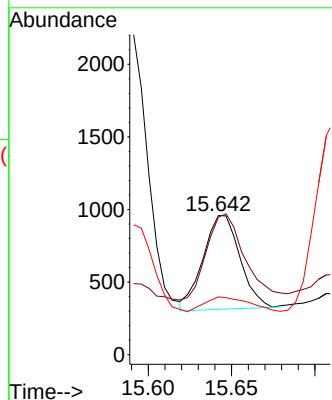
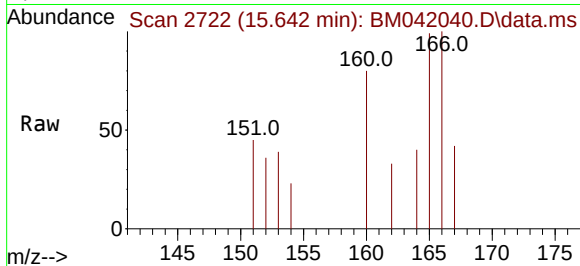




#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.642 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM042040.D
Acq: 25 Sep 2023 19:48

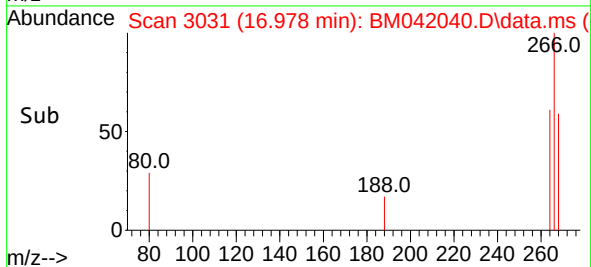
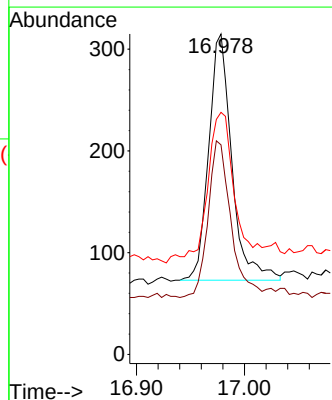
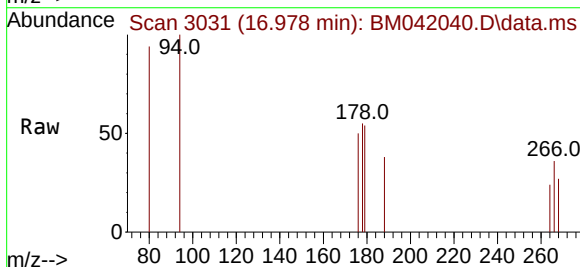
Instrument :
BNA_M
ClientSampleId :
BBKJ1

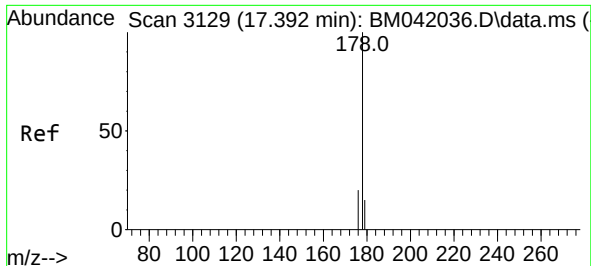
Tgt Ion:166 Resp: 1000
Ion Ratio Lower Upper
166 100
165 98.9 79.8 119.8
167 41.5 11.1 16.7#



#14
Pentachlorophenol
Concen: 0.056 ng/ul
RT: 16.978 min Scan# 3031
Delta R.T. -0.004 min
Lab File: BM042040.D
Acq: 25 Sep 2023 19:48

Tgt Ion:266 Resp: 359
Ion Ratio Lower Upper
266 100
264 67.1 50.2 75.4
268 77.2 51.0 76.4#

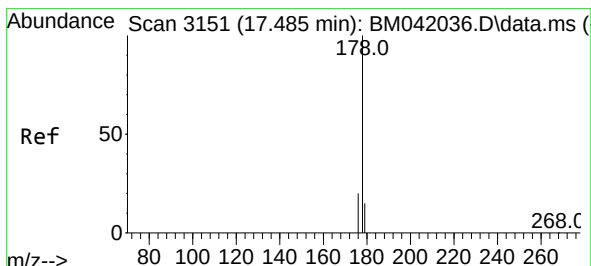
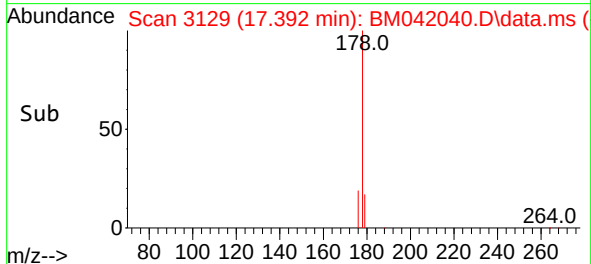
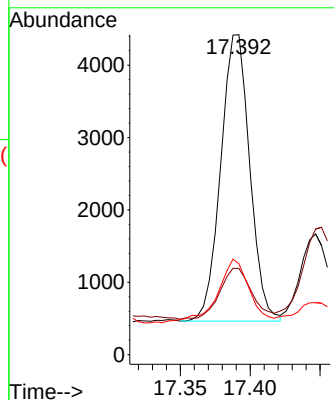
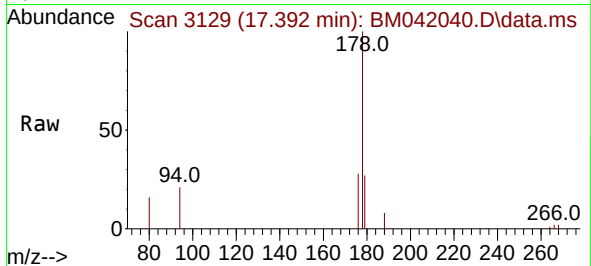




#15
Phenanthrene
Concen: 0.102 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BM042040.D
Acq: 25 Sep 2023 19:48

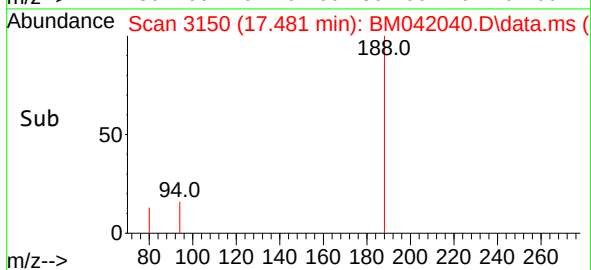
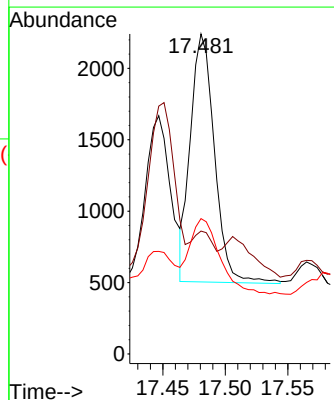
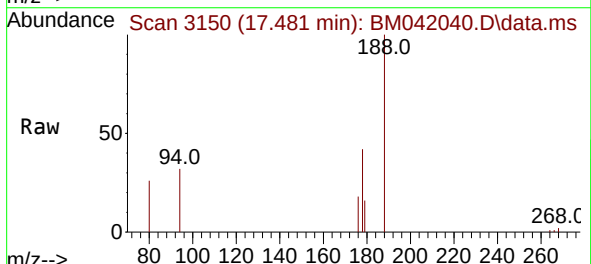
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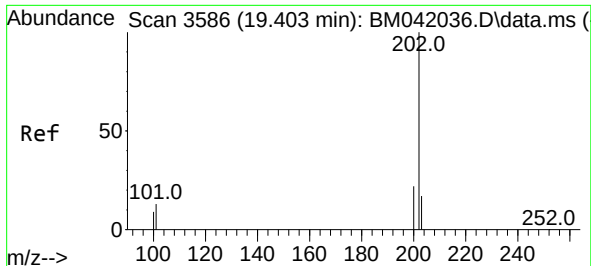
Tgt Ion:178 Resp: 5706
Ion Ratio Lower Upper
178 100
179 27.0 12.7 19.1#
176 28.4 16.6 24.8#



#16
Anthracene
Concen: 0.048 ng/ul
RT: 17.481 min Scan# 3150
Delta R.T. -0.008 min
Lab File: BM042040.D
Acq: 25 Sep 2023 19:48

Tgt Ion:178 Resp: 2324
Ion Ratio Lower Upper
178 100
179 38.4 12.9 19.3#
176 42.3 16.2 24.2#

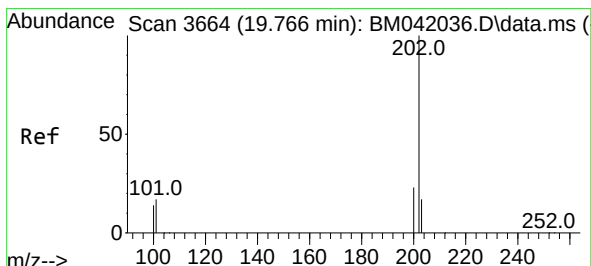
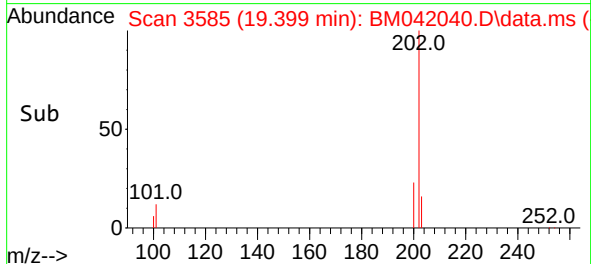
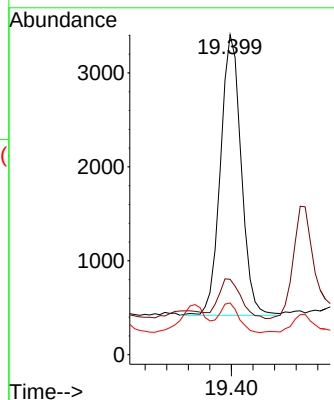
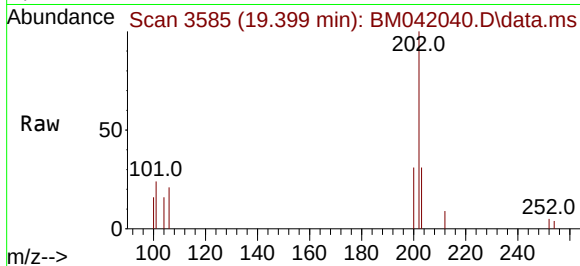




#19
Fluoranthene
Concen: 0.066 ng/uI
RT: 19.399 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM042040.D
Acq: 25 Sep 2023 19:48

Instrument :
BNA_M
ClientSampleId :
BBKJ1

Tgt Ion:202 Resp: 3990
Ion Ratio Lower Upper
202 100
101 23.5 11.8 17.6#
100 16.1 9.1 13.7#



#20
Pyrene
Concen: 0.088 ng/uI
RT: 19.766 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BM042040.D
Acq: 25 Sep 2023 19:48

Tgt Ion:202 Resp: 5256
Ion Ratio Lower Upper
202 100
101 23.6 14.1 21.1#
100 19.0 11.4 17.0#

