

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038943.D
 Acq On : 09 Mar 2023 13:31
 Operator : CG/JU
 Sample : 01784-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 09 14:44:11 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 13:36:03 2023
 Response via : Initial Calibration

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

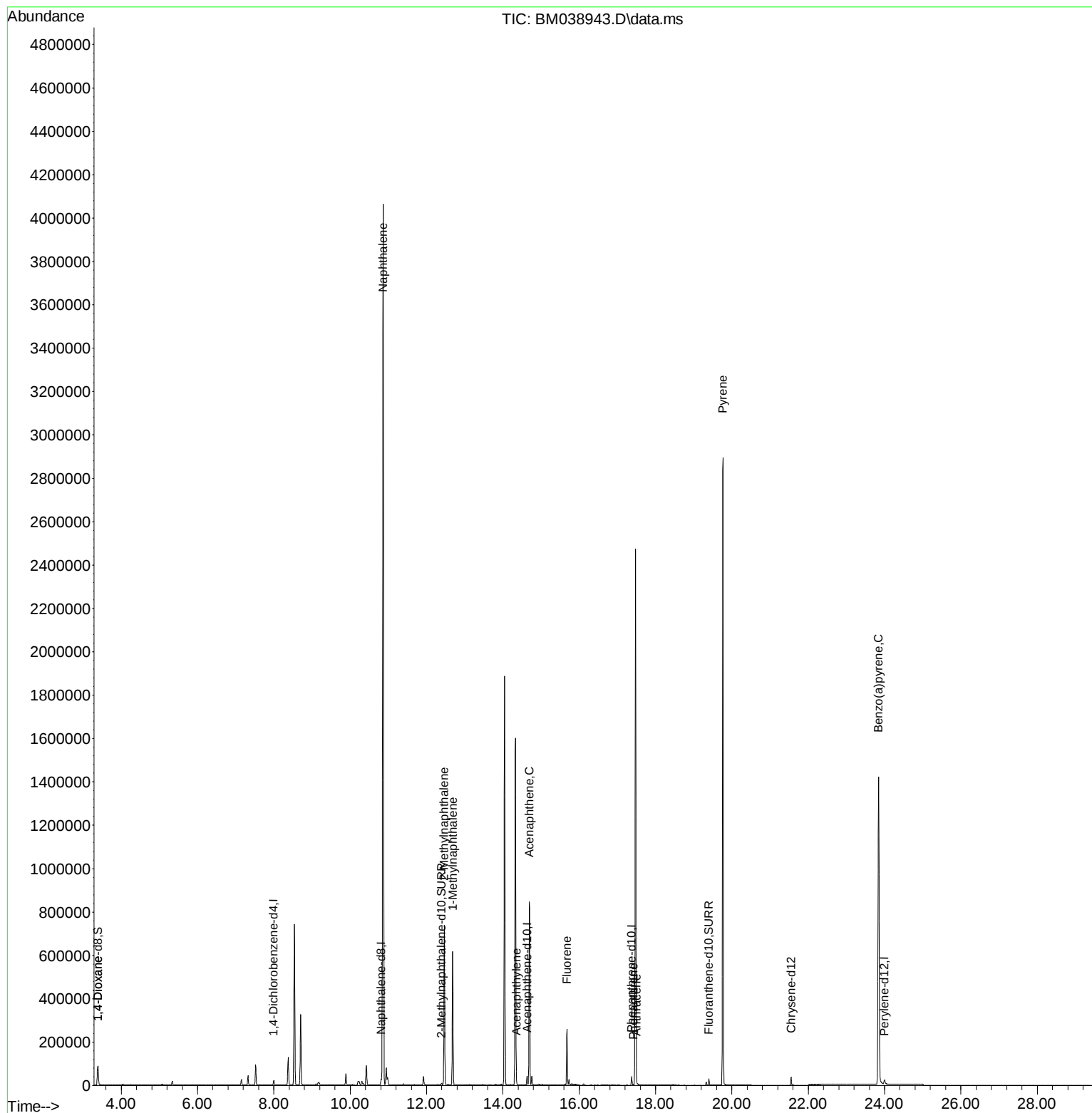
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	11142	0.400	ng/ul	0.00
4) Naphthalene-d8	10.811	136	38072	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.633	164	21750	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	45121	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	32926	0.400	ng/ul	0.00
23) Perylene-d12	24.000	264	25894	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.392	96	141199	11.200	ng/ul	0.01
6) 2-Methylnaphthalene-d10	12.389	152	12940	0.281	ng/ul	0.00
18) Fluoranthene-d10	19.398	212	30439	0.388	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.392	88	2843	0.223	ng/ul#	56
5) Naphthalene	10.861	128	5468601	60.079	ng/ul	99
7) 2-Methylnaphthalene	12.466	142	501294	9.076	ng/ul	100
8) 1-Methylnaphthalene	12.686	142	418043	7.215	ng/ul	98
10) Acenaphthylene	14.355	152	7464	0.094	ng/ul#	85
11) Acenaphthene	14.693	153	476187	7.321	ng/ul	97
12) Fluorene	15.678	166	156362	2.129	ng/ul	99
15) Phenanthrene	17.417	178	5350	0.045	ng/ul	94
16) Anthracene	17.505	178	2115	0.022	ng/ul#	77
20) Pyrene	19.765	202	6176	0.054	ng/ul#	1
26) Benzo(a)pyrene	23.845	252	8108	0.101	ng/ul#	61

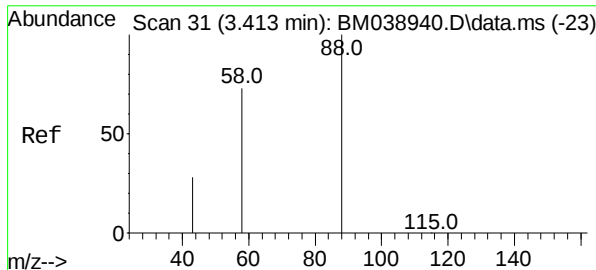
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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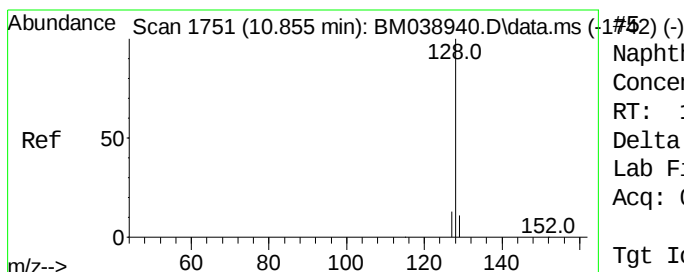
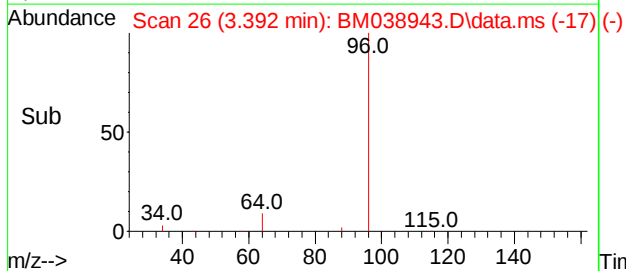
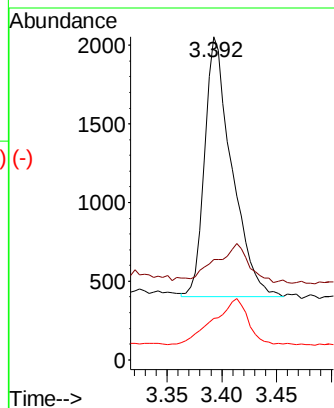
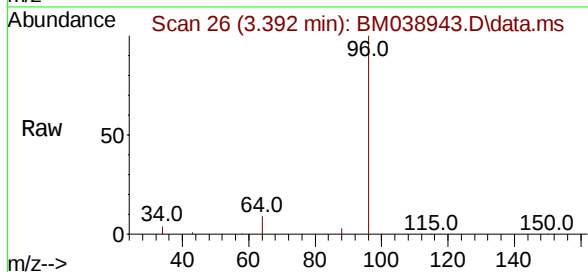




1,4-Dioxane
Concen: 0.223 ng/ul
RT: 3.392 min Scan# 1
Delta R.T. -0.021 min
Lab File: BM038943.D
Acq: 09 Mar 2023 13:31

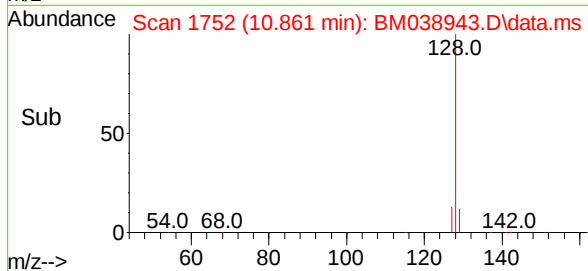
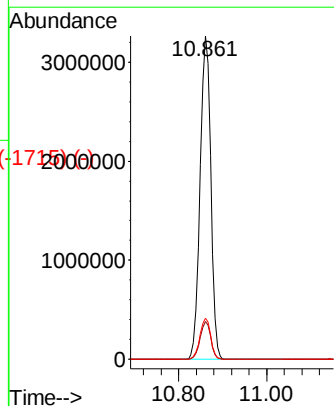
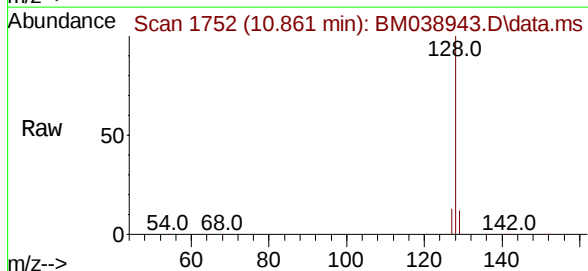
Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 2843
Ion Ratio Lower Upper
88 100
43 31.2 27.2 40.8
58 12.8 50.8 76.2#

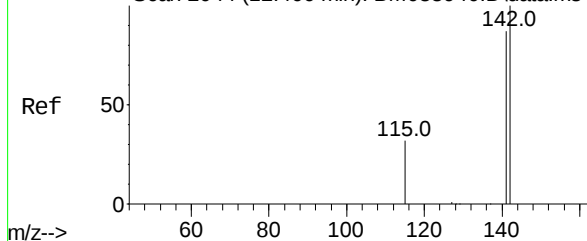


Naphthalene
Concen: 60.079 ng/ul
RT: 10.861 min Scan# 1752
Delta R.T. 0.006 min
Lab File: BM038943.D
Acq: 09 Mar 2023 13:31

Tgt Ion:128 Resp: 5468601
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 12.7 10.3 15.5



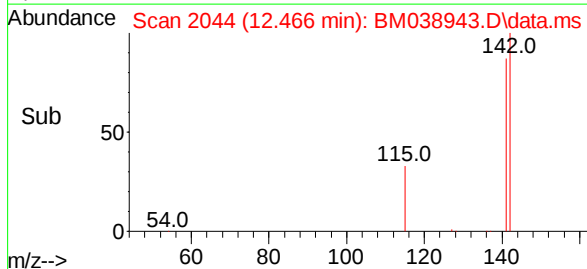
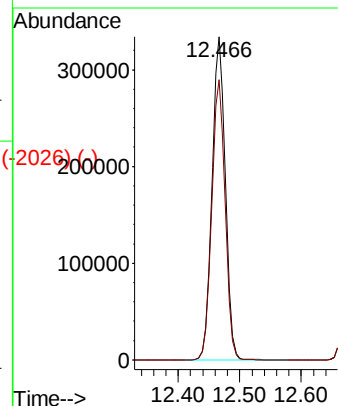
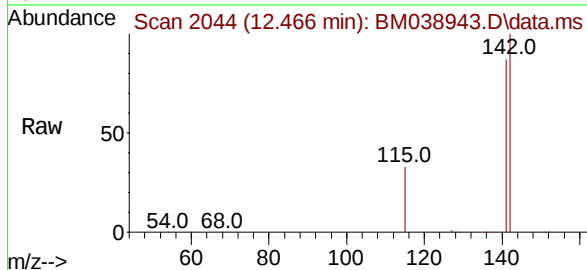
Abundance Scan 2044 (12.466 min): BM038940.D\data.ms (-2076) (-)



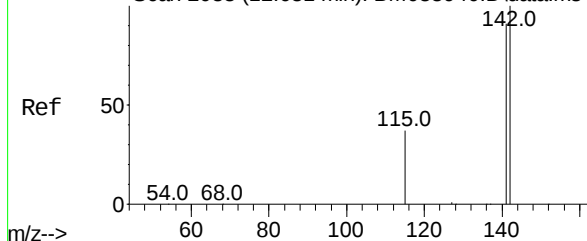
2-Methylnaphthalene
Concen: 9.076 ng/ul
RT: 12.466 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BM038943.D
Acq: 09 Mar 2023 13:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 501294
Ion Ratio Lower Upper
142 100
141 87.3 69.9 104.9

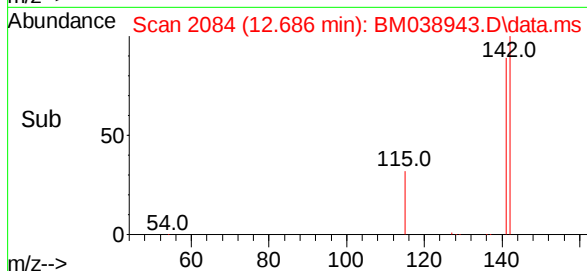
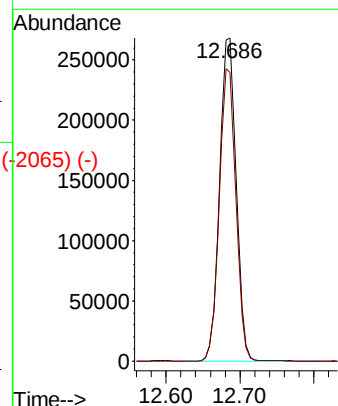
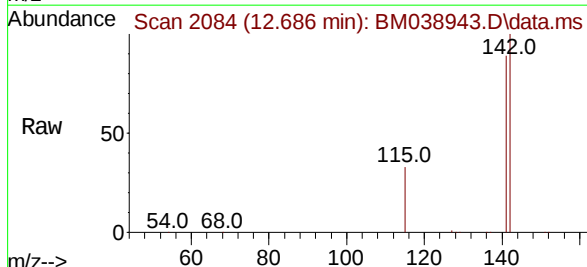


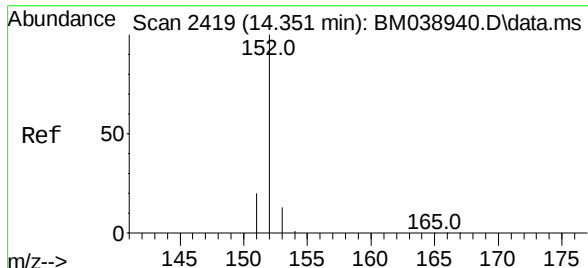
Abundance Scan 2083 (12.681 min): BM038940.D\data.ms (-2084) (-)



1-Methylnaphthalene
Concen: 7.215 ng/ul
RT: 12.686 min Scan# 2084
Delta R.T. 0.006 min
Lab File: BM038943.D
Acq: 09 Mar 2023 13:31

Tgt Ion:142 Resp: 418043
Ion Ratio Lower Upper
142 100
141 90.4 73.5 110.3

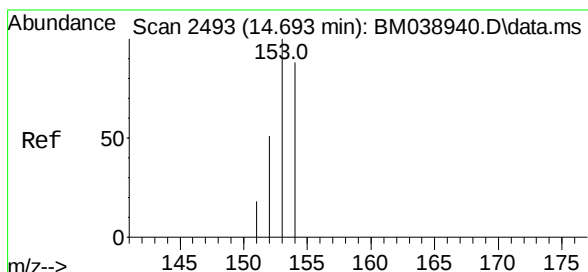
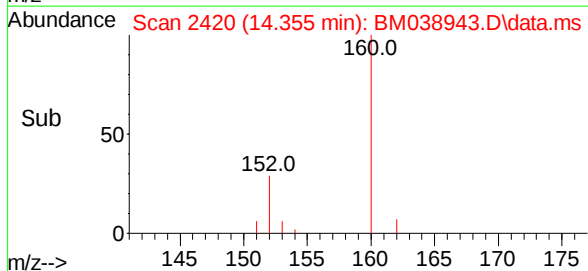
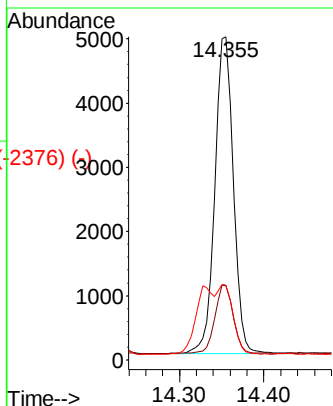
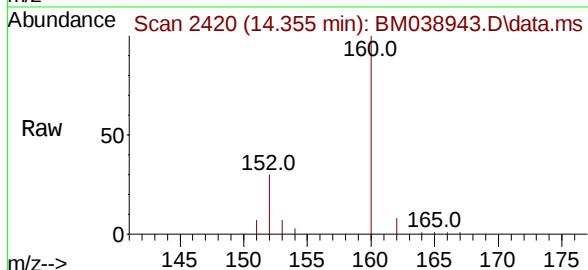




Acenaphthylene
Concen: 0.094 ng/ul
RT: 14.355 min Scan# 2419
Delta R.T. 0.005 min
Lab File: BM038943.D
Acq: 09 Mar 2023 13:31

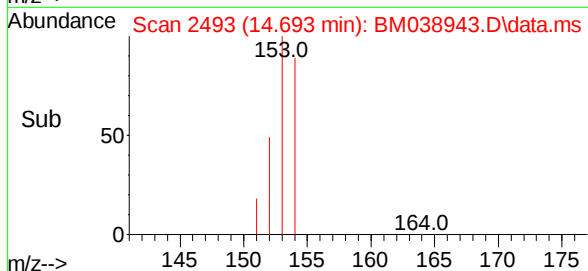
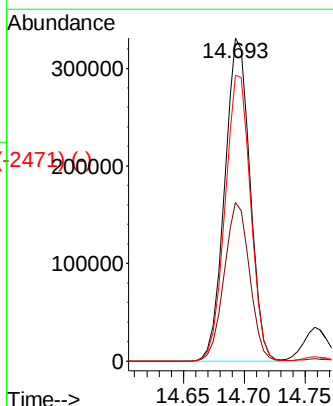
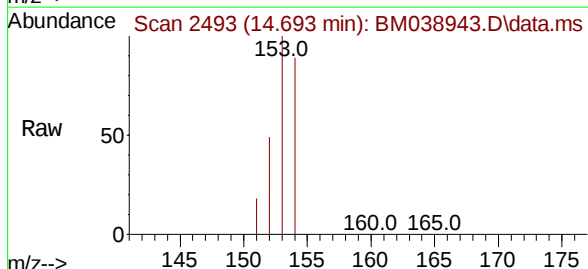
Instrument :
BNA_M
ClientSampleId :

Tgt Ion:	152	Resp:	7464
Ion	Ratio	Lower	Upper
152	100		
151	23.0	15.6	23.4
153	23.1	10.6	15.8#



Acenaphthene
Concen: 7.321 ng/ul
RT: 14.693 min Scan# 2493
Delta R.T. 0.000 min
Lab File: BM038943.D
Acq: 09 Mar 2023 13:31

Tgt Ion:	153	Resp:	476187
Ion	Ratio	Lower	Upper
153	100		
152	49.1	44.2	66.2
154	88.5	70.6	105.8



Abundance Scan 2706 (15.678 min): BM038940.D\data.ms (-2684) (-)

Fluorene

Concen: 2.129 ng/ul

RT: 15.678 min Scan# 2706

Delta R.T. 0.000 min

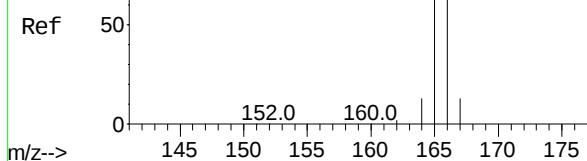
Lab File: BM038943.D

Acq: 09 Mar 2023 13:31

Instrument :

BNA_M

ClientSampleId :



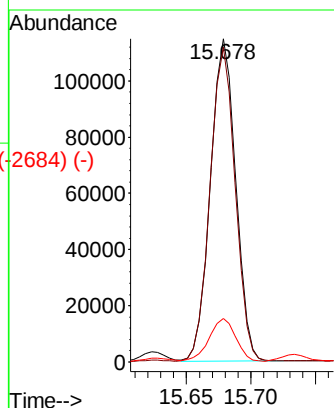
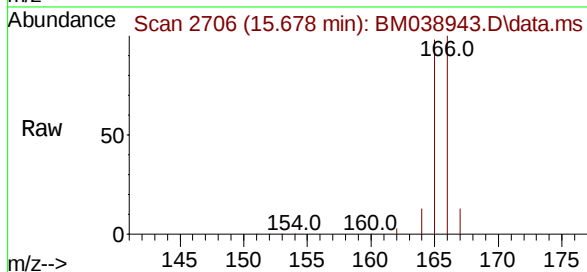
Tgt Ion:166 Resp: 156362

Ion Ratio Lower Upper

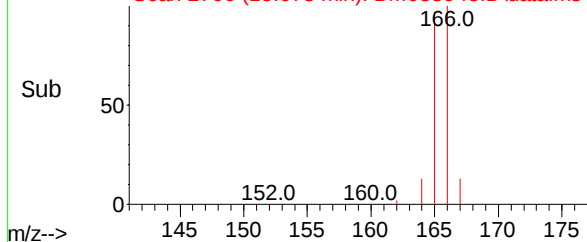
166 100

165 97.5 77.8 116.6

167 13.4 11.4 17.2



Abundance Scan 2706 (15.678 min): BM038943.D\data.ms (-2684) (-)



Abundance Scan 3111 (17.417 min): BM038940.D\data.ms (-3064) (-)

Phenanthrene

Concen: 0.045 ng/ul

RT: 17.417 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BM038943.D

Acq: 09 Mar 2023 13:31

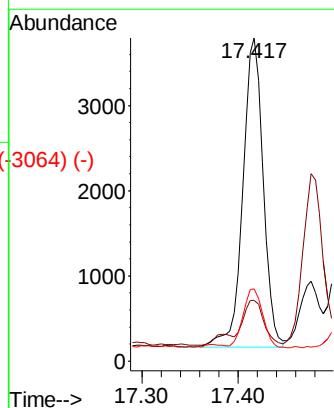
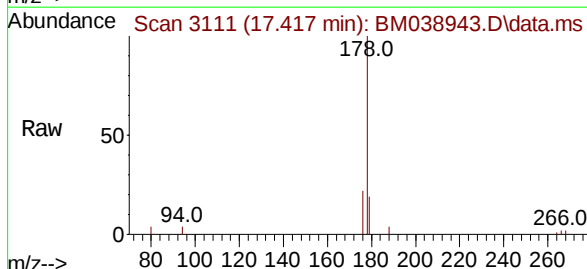
Tgt Ion:178 Resp: 5350

Ion Ratio Lower Upper

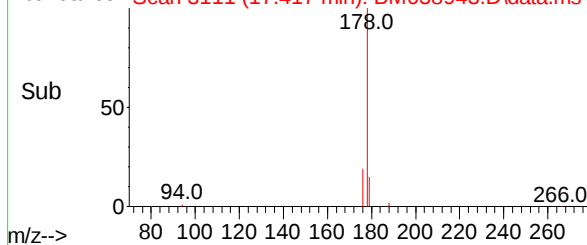
178 100

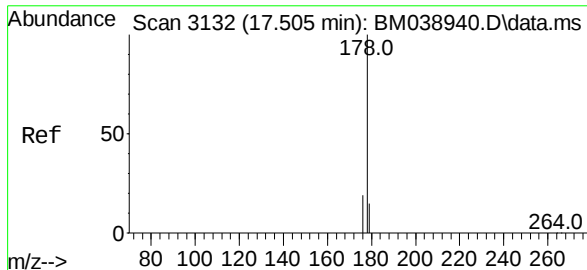
179 18.8 12.7 19.1

176 22.3 15.9 23.9



Abundance Scan 3111 (17.417 min): BM038943.D\data.ms (-3064) (-)

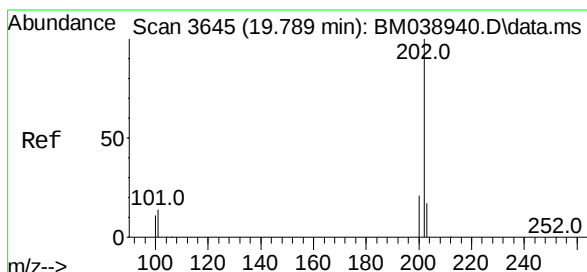
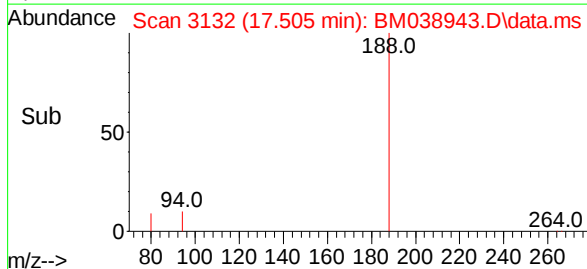
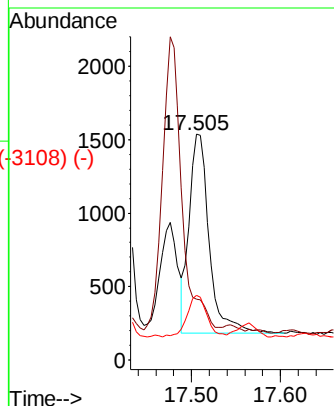
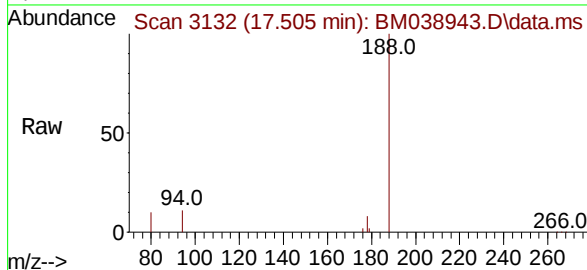




Anthracene
Concen: 0.022 ng/ul
RT: 17.505 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BM038943.D
Acq: 09 Mar 2023 13:31

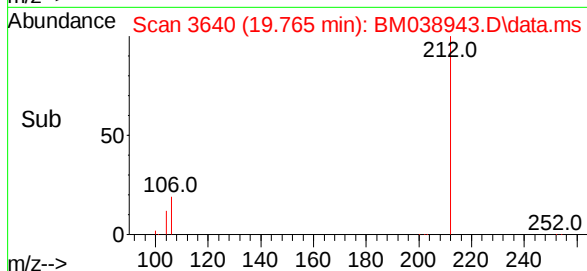
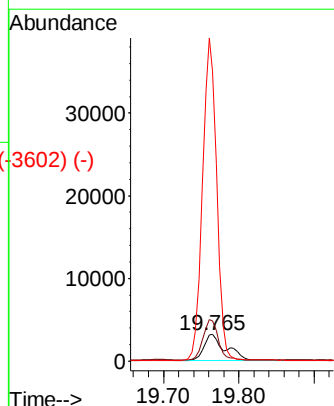
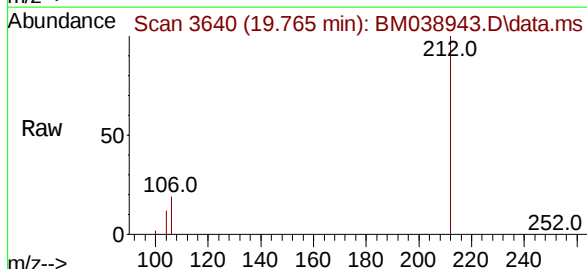
Instrument :
BNA_M
ClientSampleId :

Tgt Ion:	178	Resp:	2115
Ion	Ratio	Lower	Upper
178	100		
179	26.9	13.0	19.6#
176	28.6	15.4	23.2#

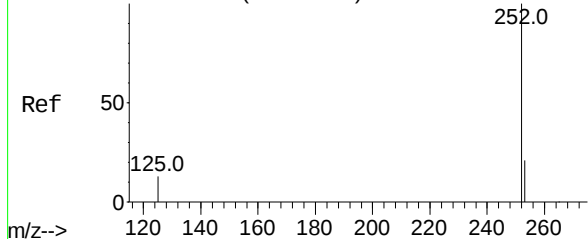


Pyrene
Concen: 0.054 ng/ul
RT: 19.765 min Scan# 3640
Delta R.T. -0.023 min
Lab File: BM038943.D
Acq: 09 Mar 2023 13:31

Tgt Ion:	202	Resp:	6176
Ion	Ratio	Lower	Upper
202	100		
101	151.3	11.2	16.8#
100	1088.9	9.0	13.6#

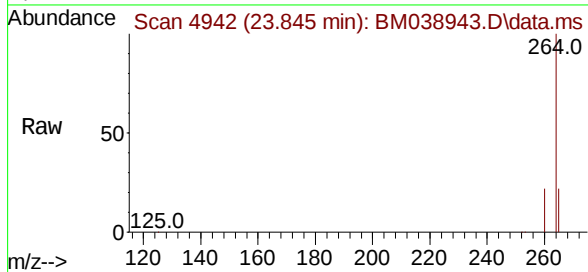


Abundance Scan 4957 (23.888 min): BM038940.D\data.ms (-4923) (-)



Benzo(a)pyrene
Concen: 0.101 ng/ul
RT: 23.845 min Scan# 4923
Delta R.T. -0.044 min
Lab File: BM038943.D
Acq: 09 Mar 2023 13:31

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:	252	Resp:	8108
Ion	Ratio	Lower	Upper
252	100		
253	42.2	20.3	30.5#
125	38.8	14.0	21.0#

