

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038949.D
 Acq On : 09 Mar 2023 17:19
 Operator : CG/JU
 Sample : 01784-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 09 18:14:02 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)

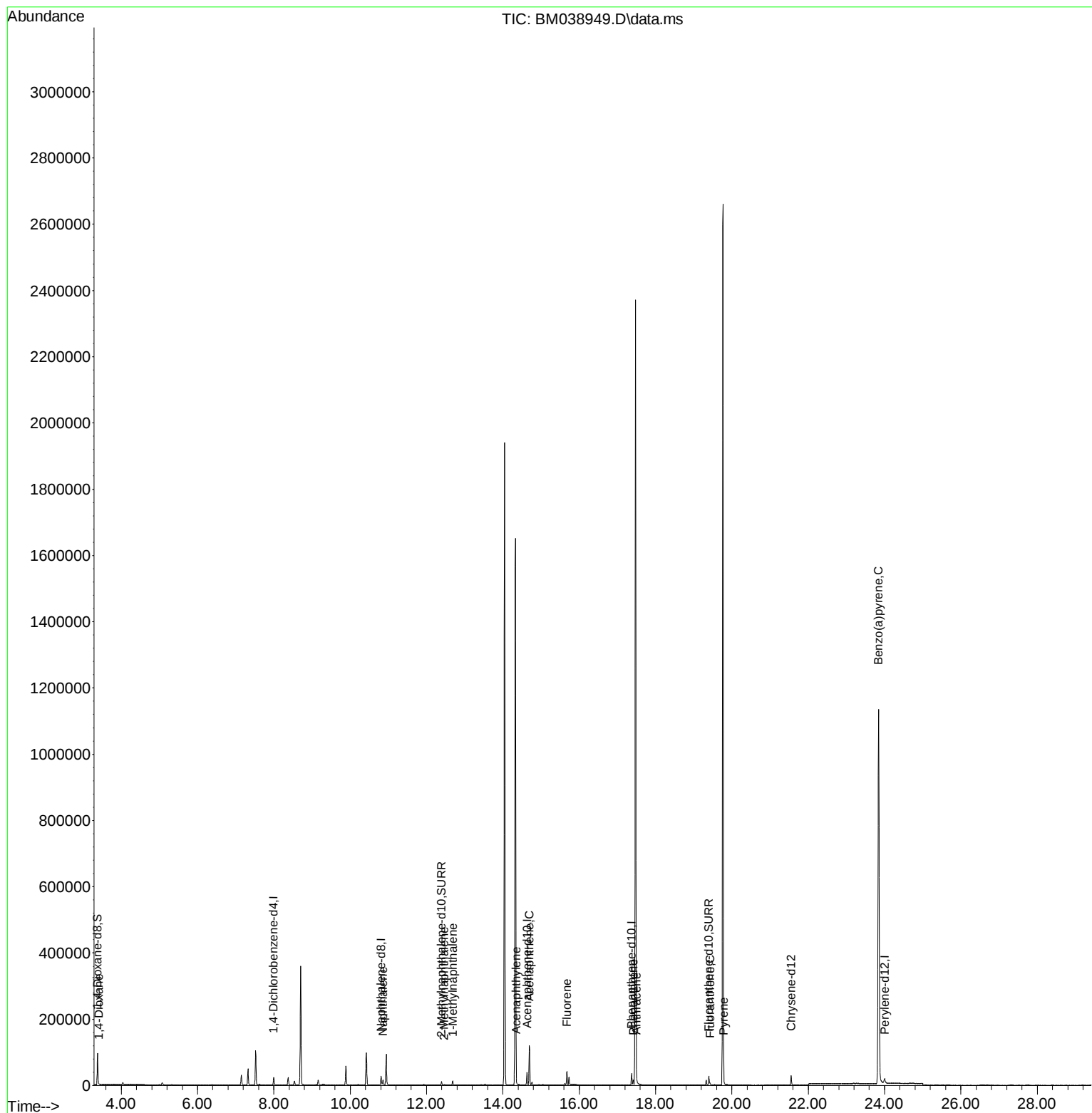
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	11058	0.400	ng/ul	0.00
4) Naphthalene-d8	10.811	136	38045	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.633	164	21123	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	42003	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	27036	0.400	ng/ul	0.00
23) Perylene-d12	24.002	264	20221	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	58853	4.704	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.395	152	13662	0.297	ng/ul	0.00
18) Fluoranthene-d10	19.398	212	27886	0.433	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.413	88	465	0.037	ng/ul#	48
5) Naphthalene	10.861	128	20549	0.226	ng/ul	99
7) 2-Methylnaphthalene	12.466	142	1344	0.024	ng/ul	97
8) 1-Methylnaphthalene	12.686	142	9036	0.156	ng/ul	98
10) Acenaphthylene	14.355	152	2060	0.027	ng/ul#	79
11) Acenaphthene	14.693	153	66358	1.050	ng/ul	97
12) Fluorene	15.678	166	25438	0.357	ng/ul	99
15) Phenanthrene	17.417	178	16954	0.153	ng/ul	99
16) Anthracene	17.510	178	3945	0.043	ng/ul#	92
19) Fluoranthene	19.426	202	5756	0.063	ng/ul#	90
20) Pyrene	19.793	202	2889	0.031	ng/ul#	85
26) Benzo(a)pyrene	23.844	252	6360	0.101	ng/ul#	53

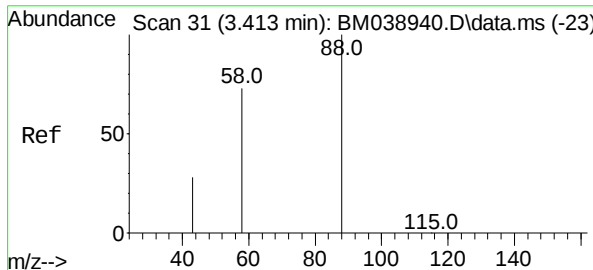
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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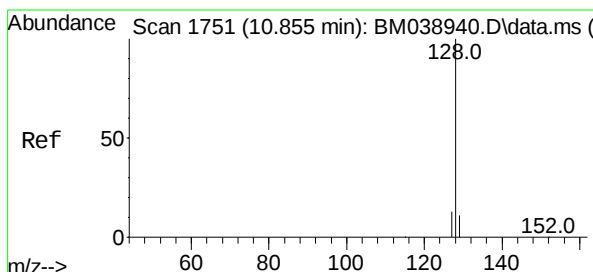
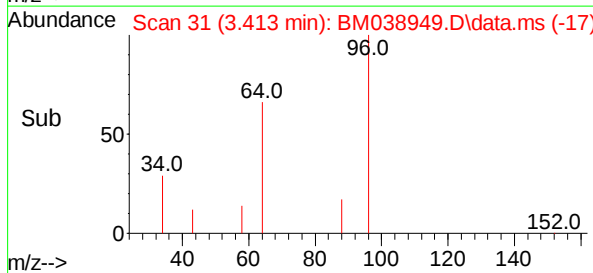
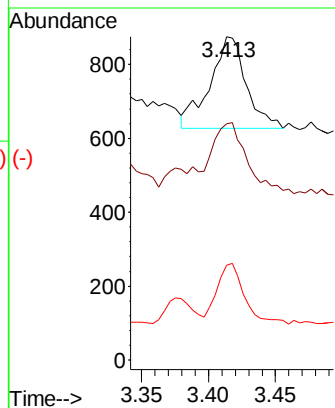
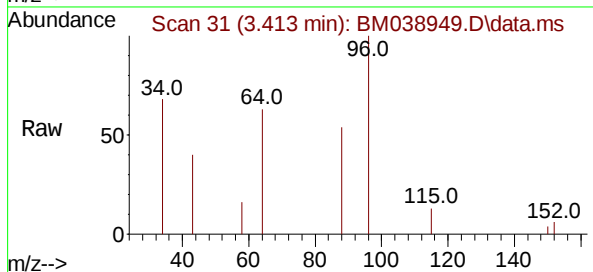




1,4-Dioxane
Concen: 0.037 ng/ul
RT: 3.413 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM038949.D
Acq: 09 Mar 2023 17:19

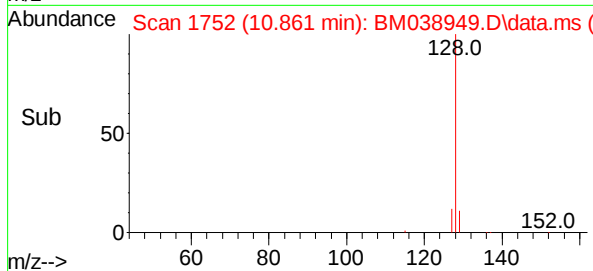
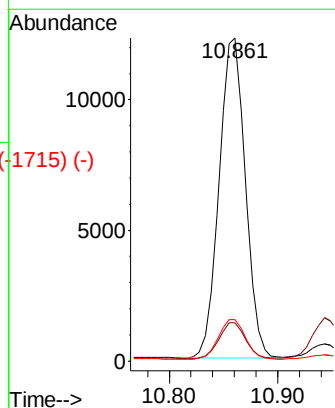
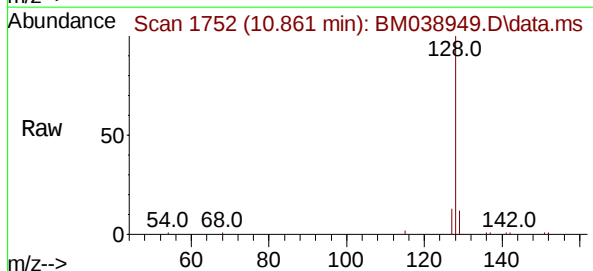
Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 465
Ion Ratio Lower Upper
88 100
43 73.1 27.2 40.8#
58 29.3 50.8 76.2#



Naphthalene
Concen: 0.226 ng/ul
RT: 10.861 min Scan# 1752
Delta R.T. 0.005 min
Lab File: BM038949.D
Acq: 09 Mar 2023 17:19

Tgt Ion:128 Resp: 20549
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 12.9 10.3 15.5



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

2-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.466 min Scan# 2076

Delta R.T. -0.000 min

Lab File: BM038949.D

Acq: 09 Mar 2023 17:19

Instrument :

BNA_M

ClientSampleId :

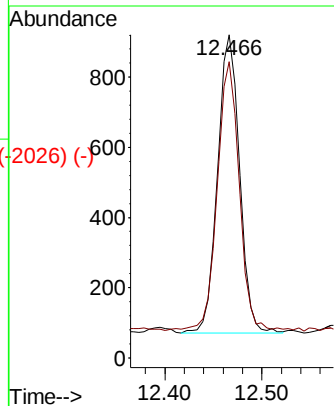
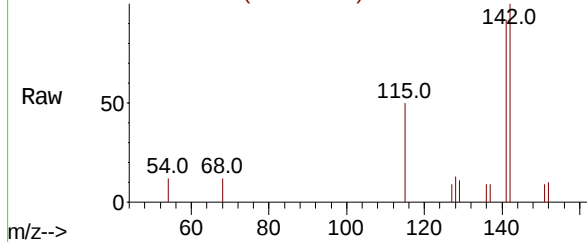
Tgt Ion:142 Resp: 1344

Ion Ratio Lower Upper

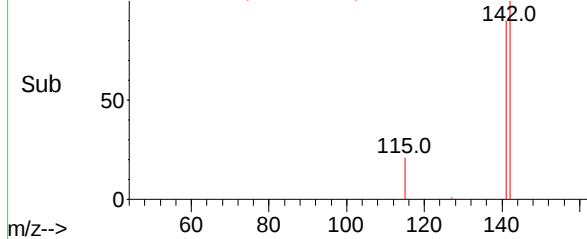
142 100

141 90.2 69.9 104.9

Abundance Scan 2044 (12.466 min): BM038949.D\data.ms



Abundance Scan 2044 (12.466 min): BM038949.D\data.ms (-2026) (-)



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

1-Methylnaphthalene

Concen: 0.156 ng/ul

RT: 12.686 min Scan# 2084

Delta R.T. 0.005 min

Lab File: BM038949.D

Acq: 09 Mar 2023 17:19

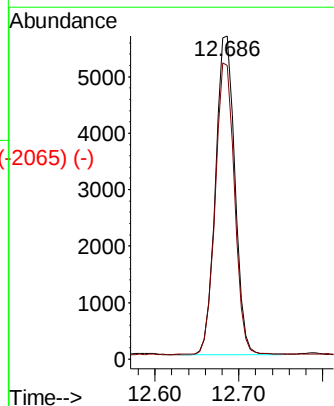
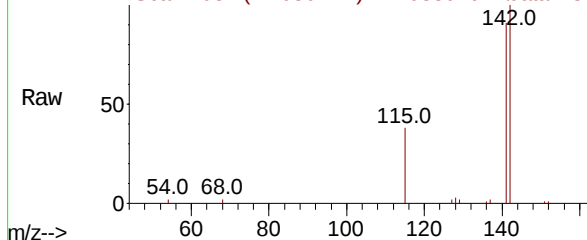
Tgt Ion:142 Resp: 9036

Ion Ratio Lower Upper

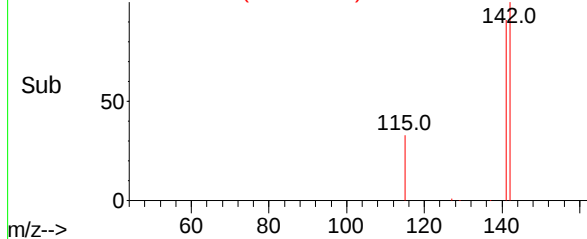
142 100

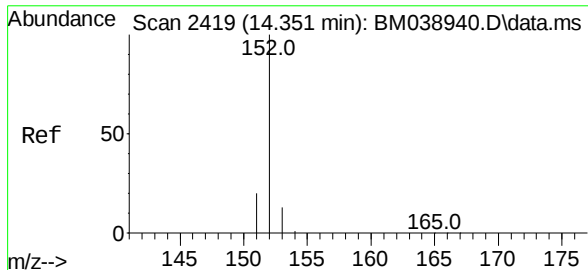
141 90.4 73.5 110.3

Abundance Scan 2084 (12.686 min): BM038949.D\data.ms



Abundance Scan 2084 (12.686 min): BM038949.D\data.ms (-2065) (-)

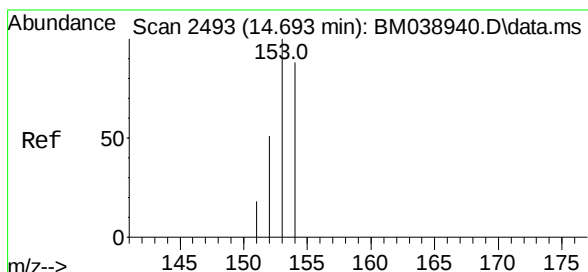
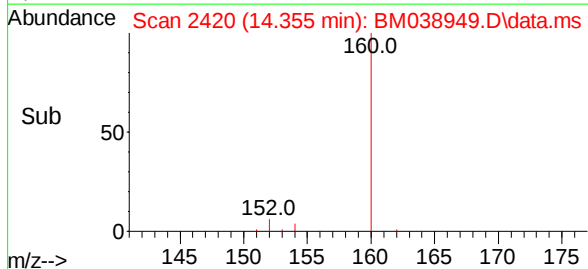
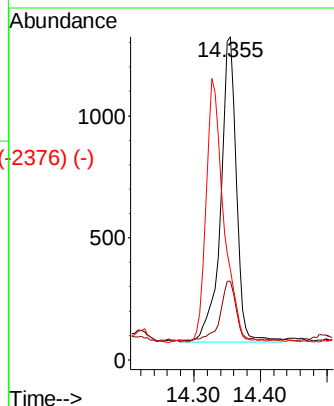
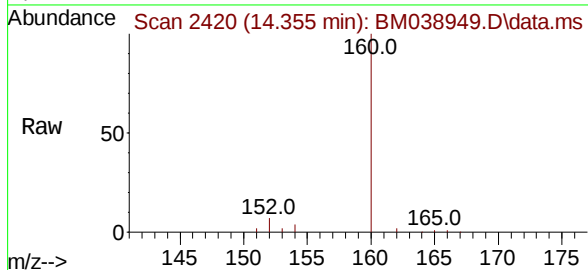




Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.355 min Scan# 2419
Delta R.T. 0.005 min
Lab File: BM038949.D
Acq: 09 Mar 2023 17:19

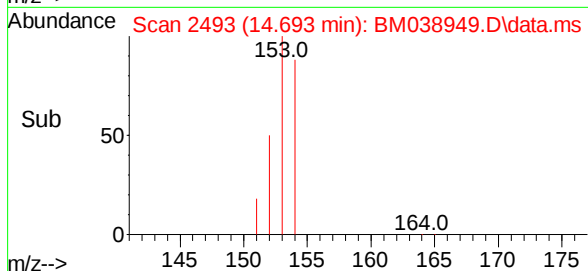
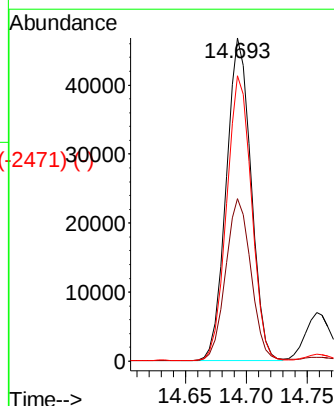
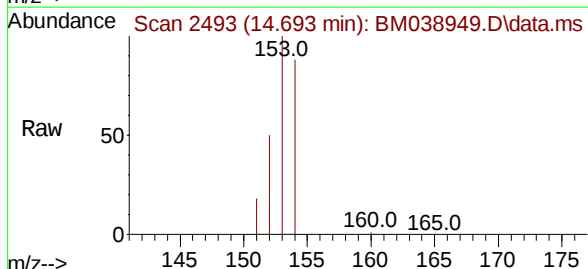
Instrument :
BNA_M
ClientSampleId :

Tgt Ion:	152	Resp:	2060
Ion	Ratio	Lower	Upper
152	100		
151	24.3	15.6	23.4#
153	27.8	10.6	15.8#

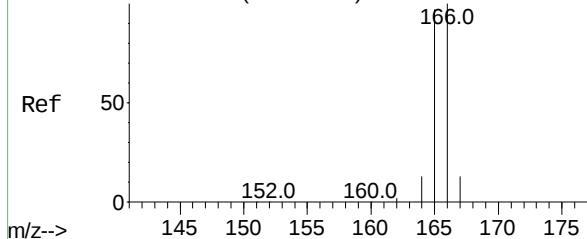


Acenaphthene
Concen: 1.050 ng/ul
RT: 14.693 min Scan# 2493
Delta R.T. -0.000 min
Lab File: BM038949.D
Acq: 09 Mar 2023 17:19

Tgt Ion:	153	Resp:	66358
Ion	Ratio	Lower	Upper
153	100		
152	50.4	44.2	66.2
154	88.4	70.6	105.8



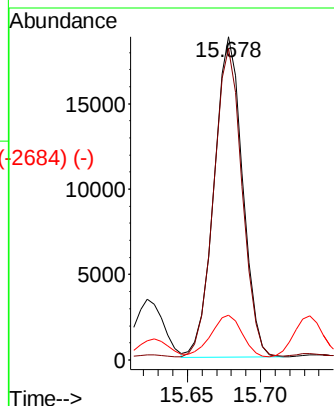
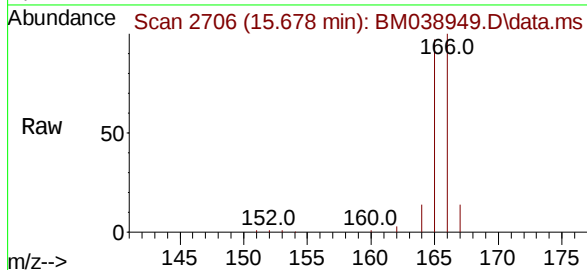
Abundance Scan 2706 (15.678 min): BM038940.D\data.ms (-2684) (-)



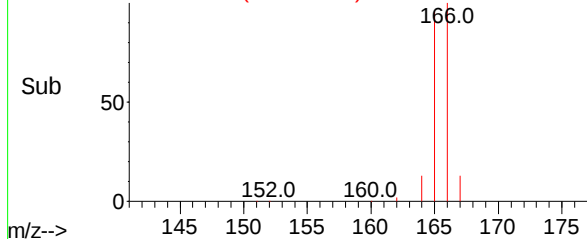
Fluorene
Concen: 0.357 ng/ul
RT: 15.678 min Scan# 2706
Delta R.T. -0.000 min
Lab File: BM038949.D
Acq: 09 Mar 2023 17:19

Instrument :
BNA_M
ClientSampleId :

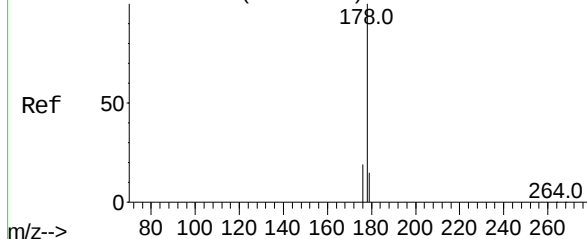
Tgt Ion:	166	Resp:	25438
Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.8	116.6
167	13.9	11.4	17.2



Abundance Scan 2706 (15.678 min): BM038949.D\data.ms (-2684) (-)

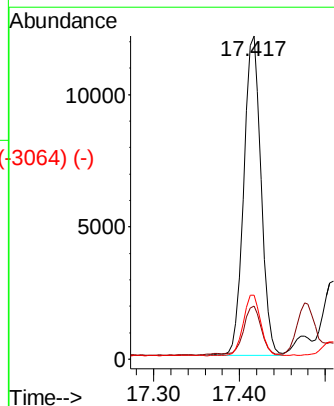
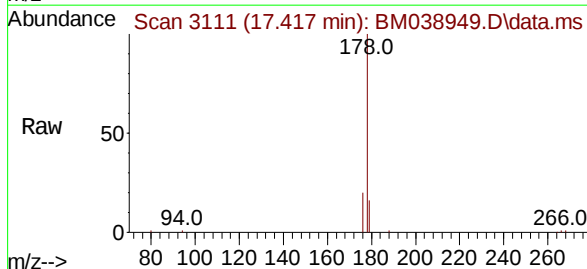


Abundance Scan 3111 (17.417 min): BM038940.D\data.ms (-3064) (-)

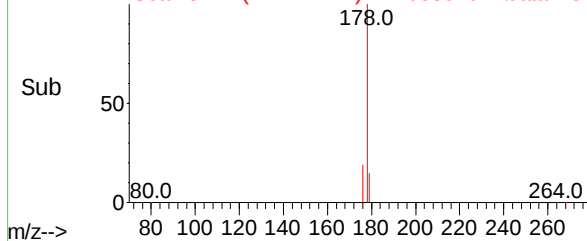


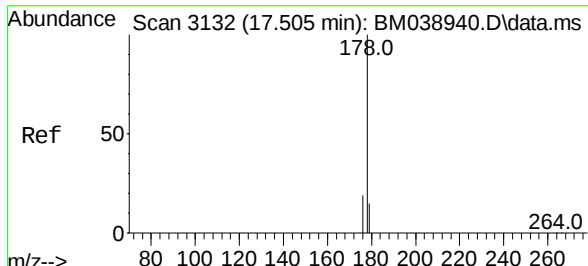
Phenanthrene
Concen: 0.153 ng/ul
RT: 17.417 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM038949.D
Acq: 09 Mar 2023 17:19

Tgt Ion:	178	Resp:	16954
Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.7	19.1
176	19.8	15.9	23.9



Abundance Scan 3111 (17.417 min): BM038949.D\data.ms (-3064) (-)

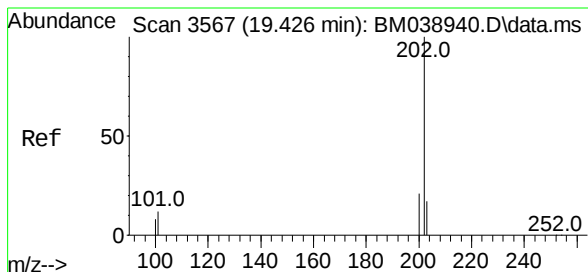
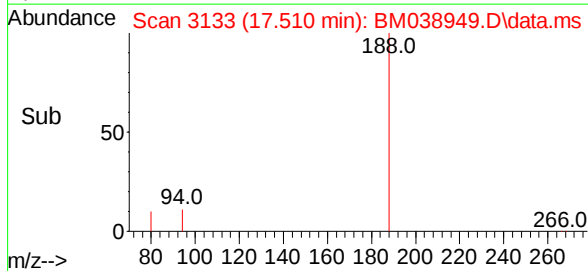
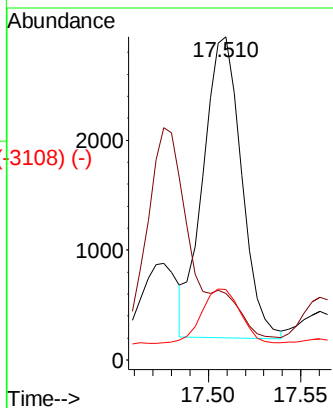
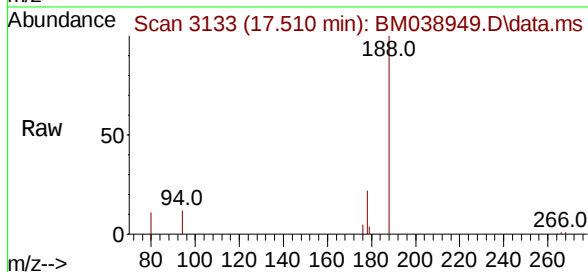




Scan 3132 (17.505 min): BM038940.D\data.ms (-3110) (-)
 Anthracene
 Concen: 0.043 ng/ul
 RT: 17.510 min Scan# 3110
 Delta R.T. 0.004 min
 Lab File: BM038949.D
 Acq: 09 Mar 2023 17:19

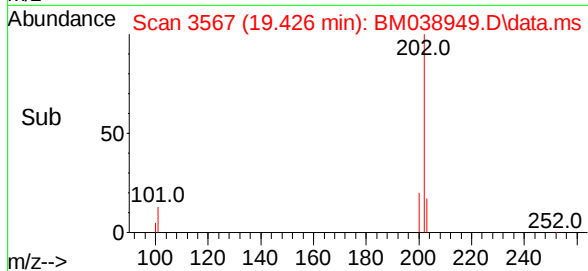
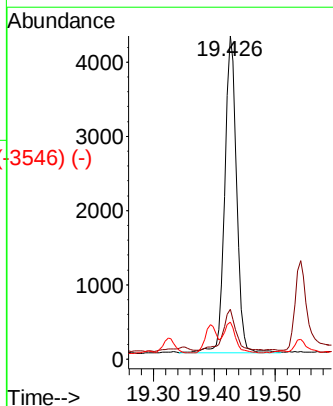
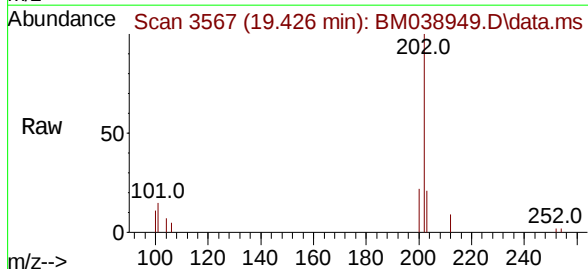
Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:	178	Resp:	3945
Ion	Ratio	Lower	Upper
178	100		
179	20.6	13.0	19.6#
176	21.8	15.4	23.2

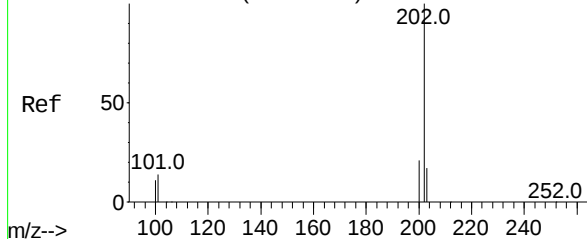


Scan 3567 (19.426 min): BM038940.D\data.ms (-3519) (-)
 Fluoranthene
 Concen: 0.063 ng/ul
 RT: 19.426 min Scan# 3567
 Delta R.T. -0.000 min
 Lab File: BM038949.D
 Acq: 09 Mar 2023 17:19

Tgt Ion:	202	Resp:	5756
Ion	Ratio	Lower	Upper
202	100		
101	15.5	8.9	13.3#
100	11.4	6.8	10.2#



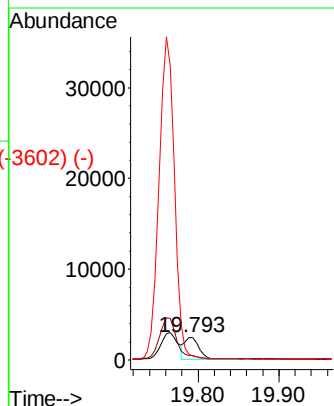
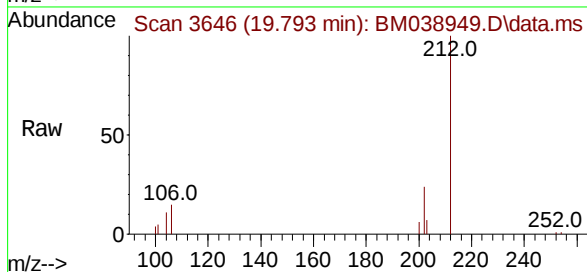
Abundance Scan 3645 (19.789 min): BM038940.D\data.ms (-3620) (-)



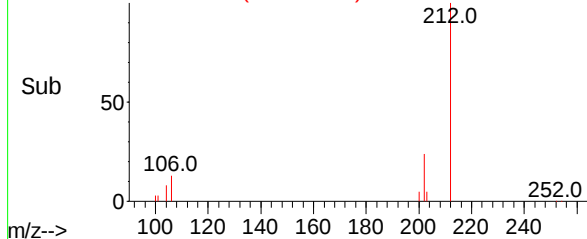
Pyrene
Concen: 0.031 ng/ul
RT: 19.793 min Scan# 4920
Delta R.T. 0.005 min
Lab File: BM038949.D
Acq: 09 Mar 2023 17:19

Instrument :
BNA_M
ClientSampleId :

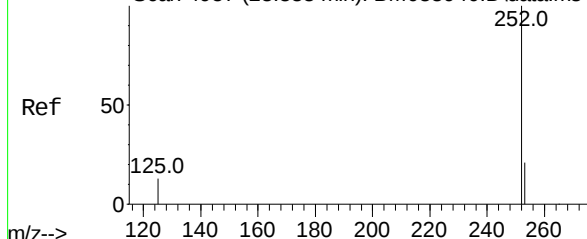
Tgt Ion:	202	Resp:	2889
Ion Ratio	Lower	Upper	
202	100		
101	19.7	11.2	16.8#
100	17.9	9.0	13.6#



Abundance Scan 3646 (19.793 min): BM038949.D\data.ms (-3602) (-)

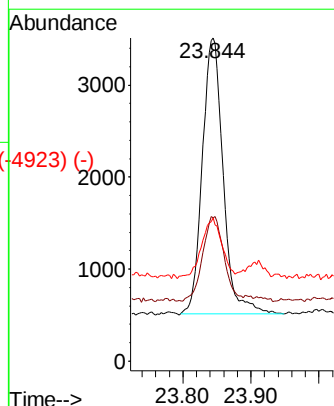
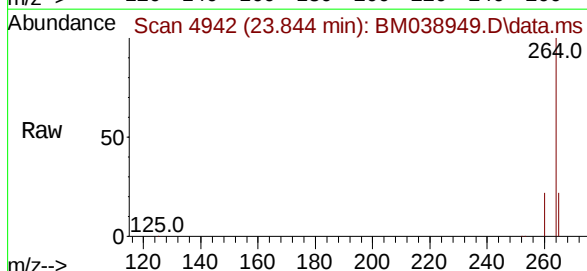


Abundance Scan 4957 (23.888 min): BM038940.D\data.ms (-4920) (-)



Benzo(a)pyrene
Concen: 0.101 ng/ul
RT: 23.844 min Scan# 4942
Delta R.T. -0.044 min
Lab File: BM038949.D
Acq: 09 Mar 2023 17:19

Tgt Ion:	252	Resp:	6360
Ion Ratio	Lower	Upper	
252	100		
253	44.4	20.3	30.5#
125	44.3	14.0	21.0#



Abundance Scan 4942 (23.844 min): BM038949.D\data.ms (-4923) (-)

