

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038945.D
 Acq On : 09 Mar 2023 14:47
 Operator : CG/JU
 Sample : 01784-0DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 09 18:13:31 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)

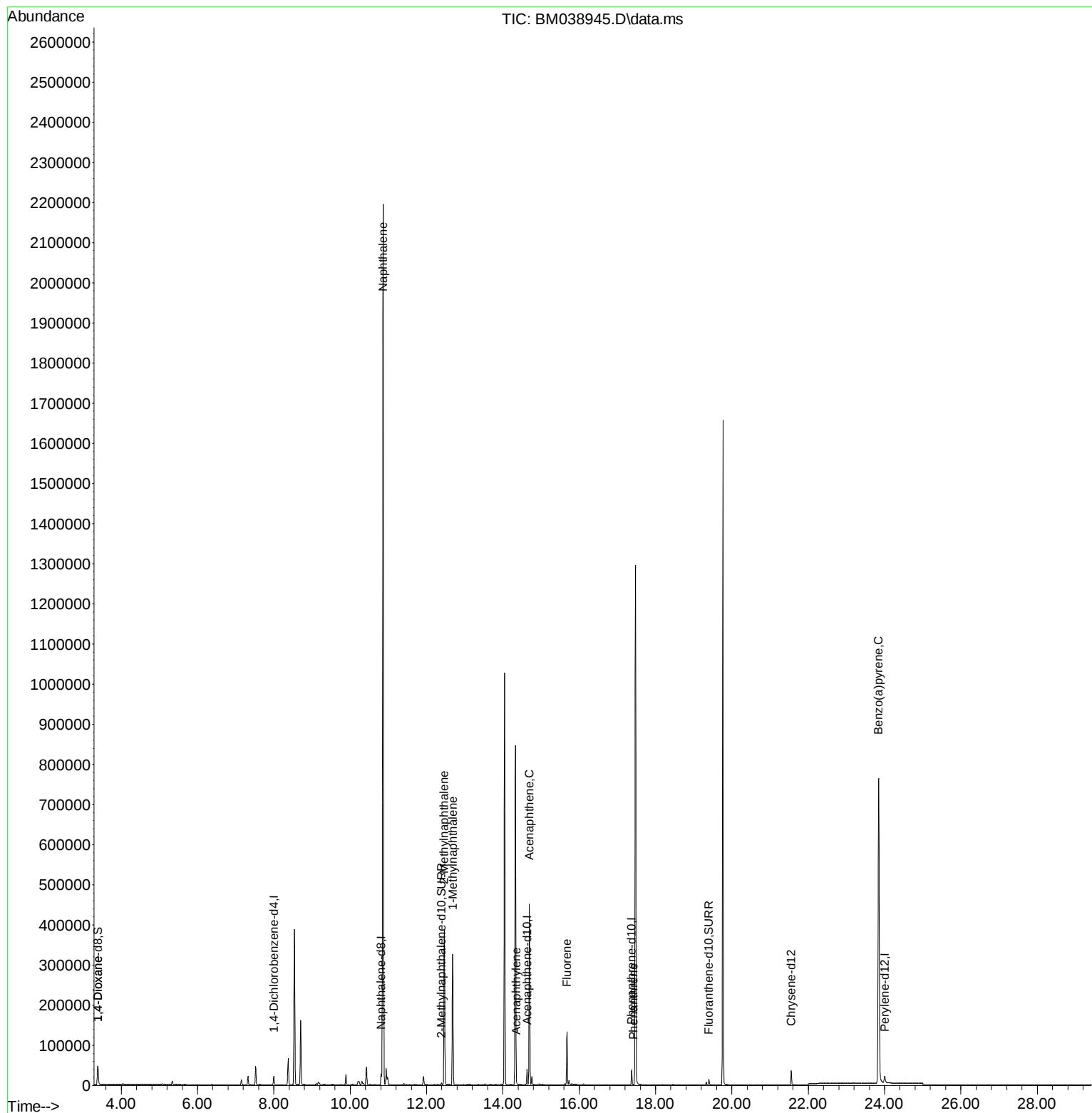
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	10577	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	36560	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.631	164	21021	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.373	188	43716	0.400	ng/ul	0.00
17) Chrysene-d12	21.554	240	32211	0.400	ng/ul	0.00
23) Perylene-d12	24.001	264	24201	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.392	96	72871	6.089	ng/ul	0.01
6) 2-Methylnaphthalene-d10	12.393	152	6683	0.151	ng/ul	0.00
18) Fluoranthene-d10	19.397	212	15563	0.203	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.392	88	1512	0.125	ng/ul#	55
5) Naphthalene	10.859	128	2967348	33.948	ng/ul	99
7) 2-Methylnaphthalene	12.465	142	258583	4.876	ng/ul	100
8) 1-Methylnaphthalene	12.685	142	218072	3.919	ng/ul	99
10) Acenaphthylene	14.354	152	3974	0.052	ng/ul#	86
11) Acenaphthene	14.691	153	248360	3.951	ng/ul	97
12) Fluorene	15.677	166	81148	1.143	ng/ul	99
15) Phenanthrene	17.415	178	2973	0.026	ng/ul#	89
26) Benzo(a)pyrene	23.843	252	4310	0.057	ng/ul#	41

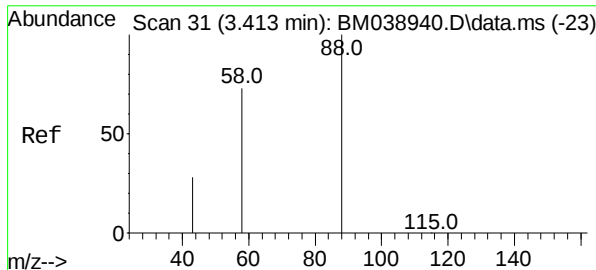
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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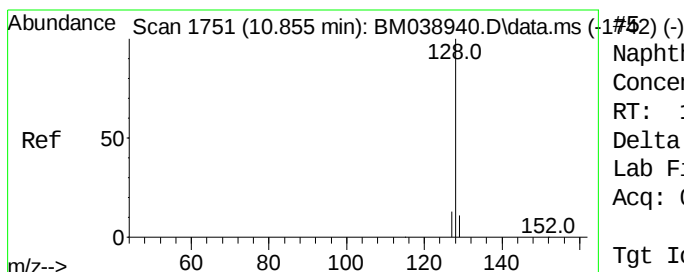
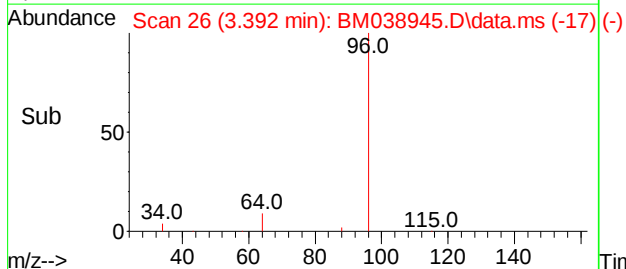
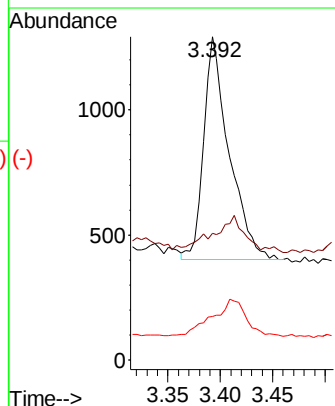
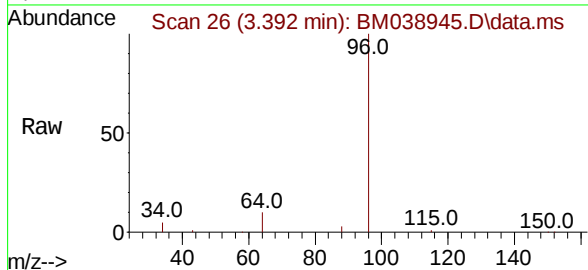




1,4-Dioxane
Concen: 0.125 ng/ul
RT: 3.392 min Scan# 1
Delta R.T. -0.021 min
Lab File: BM038945.D
Acq: 09 Mar 2023 14:47

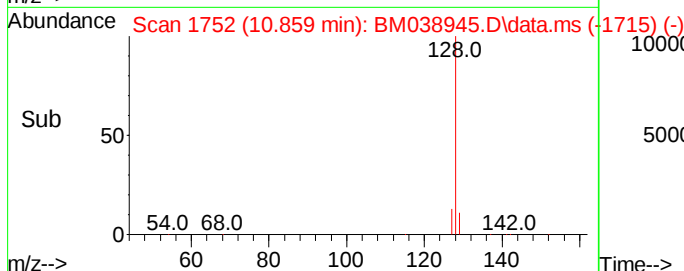
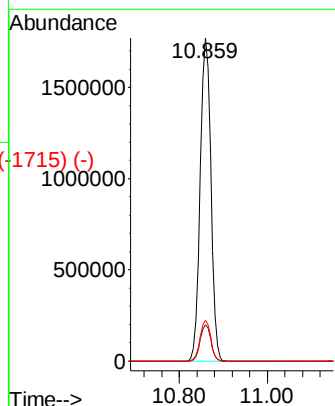
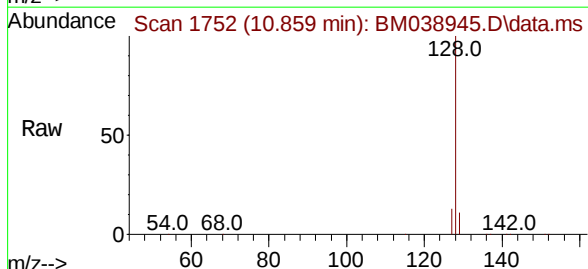
Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 1512
Ion Ratio Lower Upper
88 100
43 39.2 27.2 40.8
58 13.5 50.8 76.2#



Naphthalene
Concen: 33.948 ng/ul
RT: 10.859 min Scan# 1752
Delta R.T. 0.004 min
Lab File: BM038945.D
Acq: 09 Mar 2023 14:47

Tgt Ion:128 Resp: 2967348
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 12.6 10.3 15.5



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

2-Methylnaphthalene

Concen: 4.876 ng/u1

RT: 12.465 min Scan# 2076

Delta R.T. -0.001 min

Lab File: BM038945.D

Acq: 09 Mar 2023 14:47

Ref

m/z-->

Abundance Scan 2044 (12.465 min): BM038945.D\data.ms

Raw

m/z-->

Abundance Scan 2044 (12.465 min): BM038945.D\data.ms (-2026) (-)

Sub

m/z-->

Tgt Ion:142 Resp: 258583

Ion Ratio Lower Upper

142 100

141 87.7 69.9 104.9

Abundance

12.465

Time-->

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

1-Methylnaphthalene

Concen: 3.919 ng/u1

RT: 12.685 min Scan# 2084

Delta R.T. 0.004 min

Lab File: BM038945.D

Acq: 09 Mar 2023 14:47

Ref

m/z-->

Abundance Scan 2084 (12.685 min): BM038945.D\data.ms

Raw

m/z-->

Abundance Scan 2084 (12.685 min): BM038945.D\data.ms (-2065) (-)

Sub

m/z-->

Tgt Ion:142 Resp: 218072

Ion Ratio Lower Upper

142 100

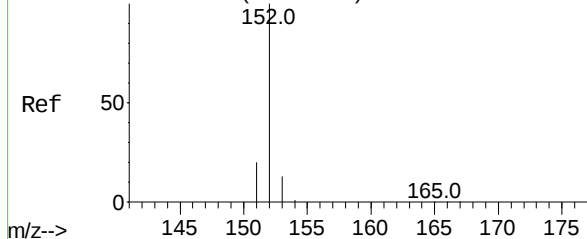
141 90.5 73.5 110.3

Abundance

12.685

Time-->

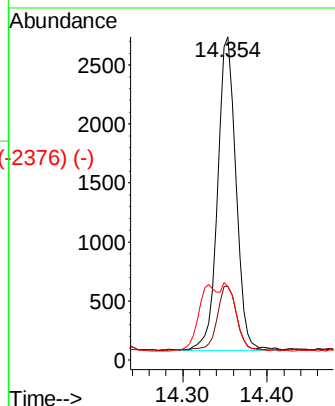
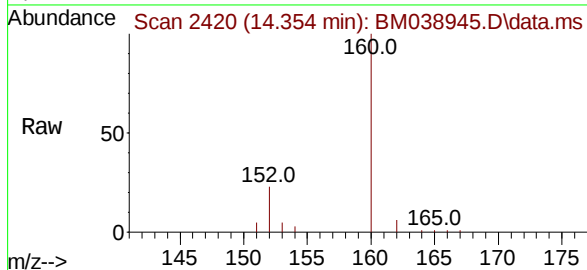
Abundance Scan 2419 (14.351 min): BM038940.D\data.ms (-2419) (-)



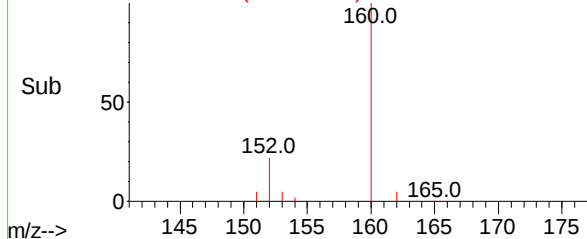
Acenaphthylene
Concen: 0.052 ng/ul
RT: 14.354 min Scan# 2419
Delta R.T. 0.003 min
Lab File: BM038945.D
Acq: 09 Mar 2023 14:47

Instrument :
BNA_M
ClientSampleId :

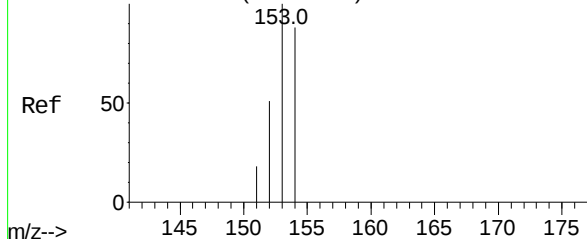
Tgt Ion:	152	Resp:	3974
Ion	Ratio	Lower	Upper
152	100		
151	22.9	15.6	23.4
153	22.7	10.6	15.8#



Abundance Scan 2420 (14.354 min): BM038945.D\data.ms (-2376) (-)

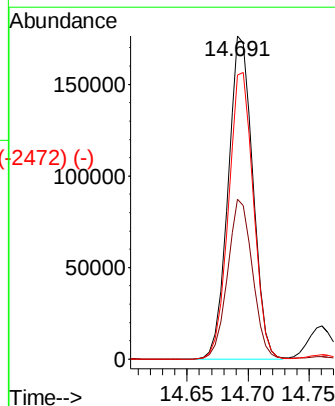
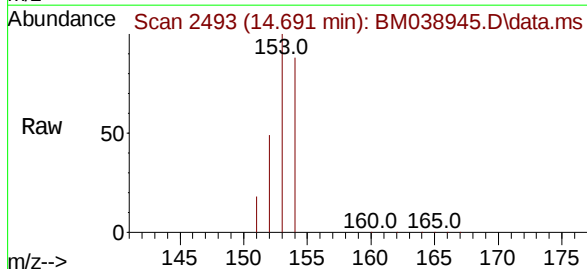


Abundance Scan 2493 (14.693 min): BM038940.D\data.ms (-2493) (-)

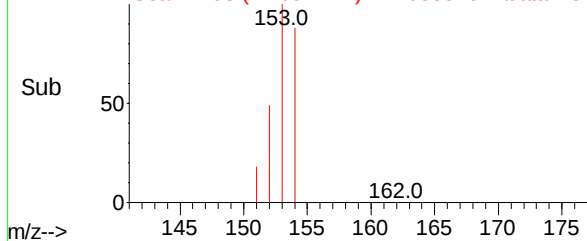


Acenaphthene
Concen: 3.951 ng/ul
RT: 14.691 min Scan# 2493
Delta R.T. -0.001 min
Lab File: BM038945.D
Acq: 09 Mar 2023 14:47

Tgt Ion:	153	Resp:	248360
Ion	Ratio	Lower	Upper
153	100		
152	49.5	44.2	66.2
154	87.9	70.6	105.8



Abundance Scan 2493 (14.691 min): BM038945.D\data.ms (-2472) (-)



Abundance Scan 2706 (15.678 min): BM038940.D\data.ms (-2685) (-)

Fluorene

Concen: 1.143 ng/ul

RT: 15.677 min Scan# 3112

Delta R.T. -0.001 min

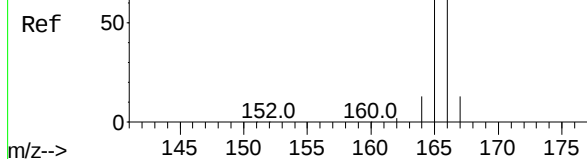
Lab File: BM038945.D

Acq: 09 Mar 2023 14:47

Instrument :

BNA_M

ClientSampleId :



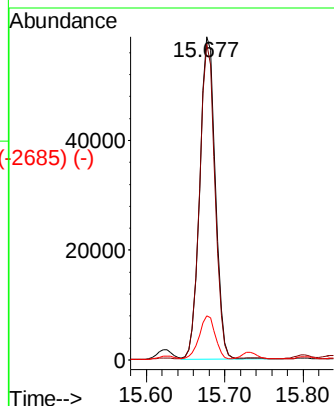
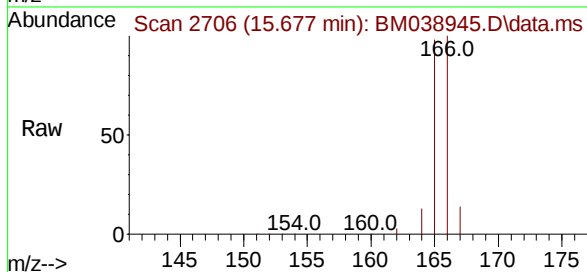
Tgt Ion:166 Resp: 81148

Ion Ratio Lower Upper

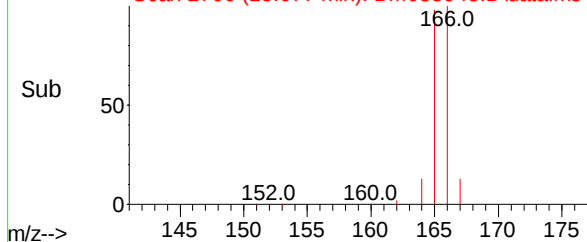
166 100

165 97.8 77.8 116.6

167 13.6 11.4 17.2



Abundance Scan 2706 (15.677 min): BM038945.D\data.ms (-2685) (-)



Abundance Scan 3111 (17.417 min): BM038940.D\data.ms (-3015) (-)

Phenanthrene

Concen: 0.026 ng/ul

RT: 17.415 min Scan# 3111

Delta R.T. -0.001 min

Lab File: BM038945.D

Acq: 09 Mar 2023 14:47

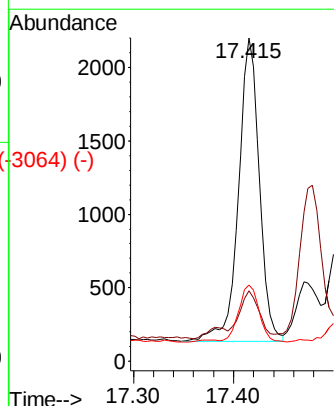
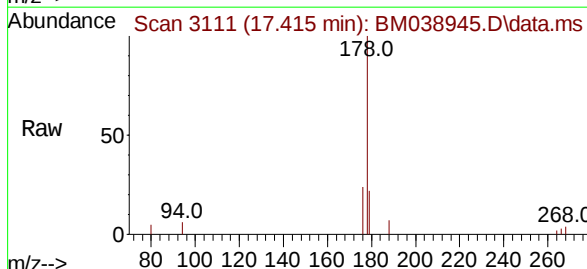
Tgt Ion:178 Resp: 2973

Ion Ratio Lower Upper

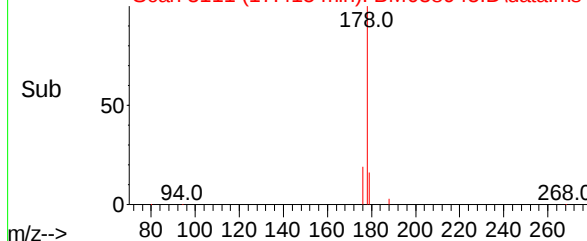
178 100

179 21.8 12.7 19.1#

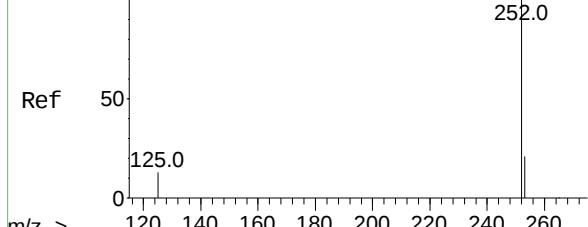
176 23.6 15.9 23.9



Abundance Scan 3111 (17.415 min): BM038945.D\data.ms (-3064) (-)



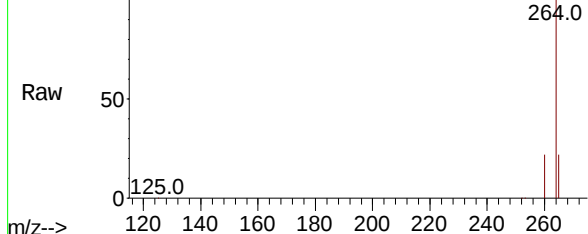
Abundance Scan 4957 (23.888 min): BM038940.D\data.ms (-4923) (-)



Benzo(a)pyrene
Concen: 0.057 ng/u1
RT: 23.843 min Scan# 4923
Delta R.T. -0.045 min
Lab File: BM038945.D
Acq: 09 Mar 2023 14:47

Instrument :
BNA_M
ClientSampleId :

Abundance Scan 4942 (23.843 min): BM038945.D\data.ms



Tgt Ion:	252	Resp:	4310
Ion	Ratio	Lower	Upper
252	100		
253	49.3	20.3	30.5#
125	50.6	14.0	21.0#

Abundance Scan 4942 (23.843 min): BM038945.D\data.ms (-4923) (-)

