

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111722\
 Data File : BM037594.D
 Acq On : 19 Nov 2022 10:18
 Operator : CG/JU
 Sample : N5689-16
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 20 23:47:46 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 18 06:51:41 2022
 Response via : Initial Calibration

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

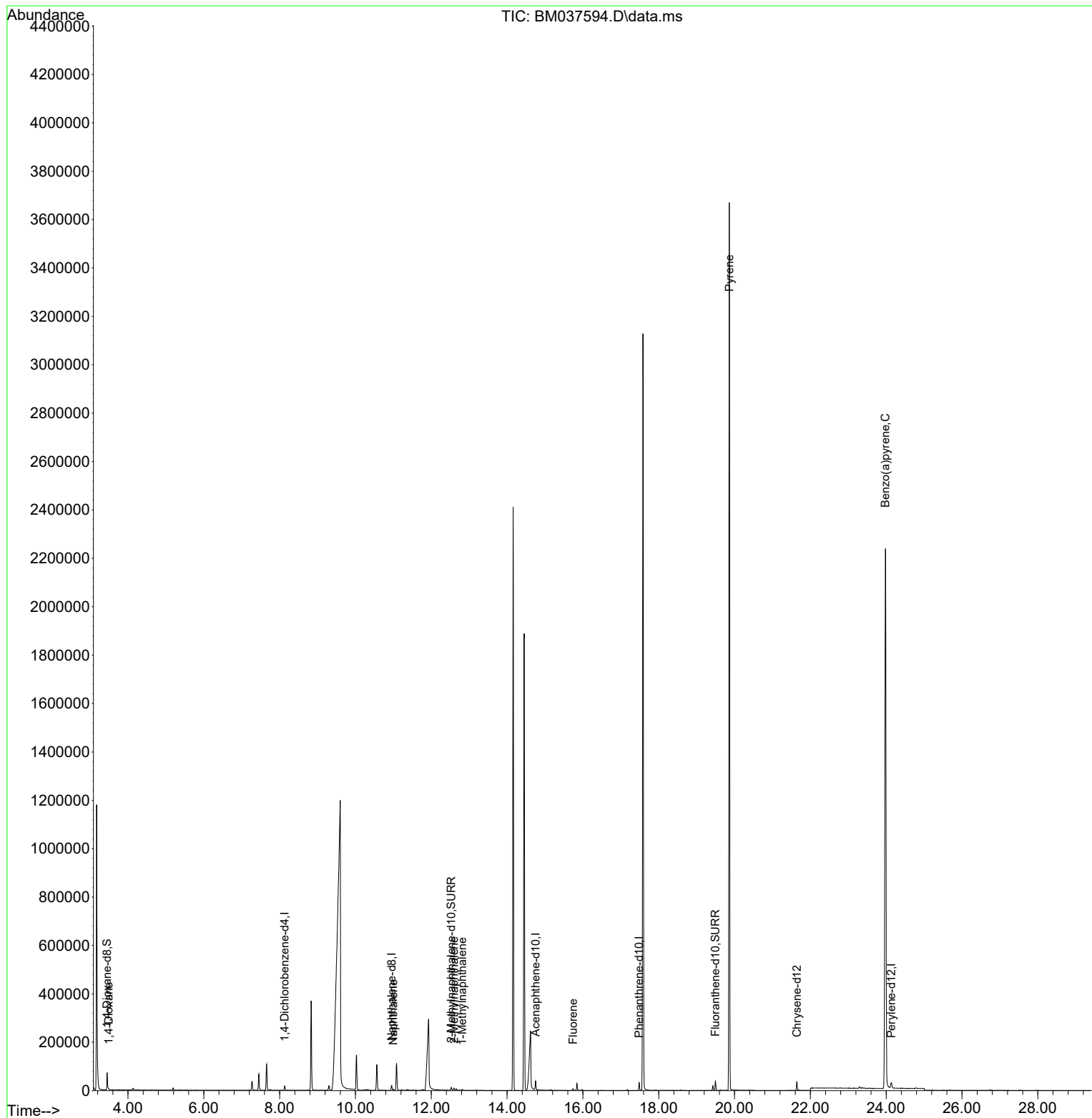
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.132	152	8582	0.400	ng/ul	0.00
4) Naphthalene-d8	10.952	136	26323	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.751	164	20965	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.482	188	37035	0.400	ng/ul	0.00
17) Chrysene-d12	21.643	240	30909	0.400	ng/ul	0.00
23) Perylene-d12	24.133	264	33111	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.449	96	42470	4.256	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.525	152	13805	0.316	ng/ul	0.00
18) Fluoranthene-d10	19.494	212	38257	0.375	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.491	88	2492	0.240	ng/ul#	61
5) Naphthalene	11.001	128	5914	0.074	ng/ul	97
7) 2-Methylnaphthalene	12.602	142	5938	0.109	ng/ul	100
8) 1-Methylnaphthalene	12.816	142	2371	0.043	ng/ul	99
12) Fluorene	15.741	166	6195	0.063	ng/ul#	14
20) Pyrene	19.861	202	7900	0.051	ng/ul#	1
26) Benzo(a)pyrene	23.979	252	15254	0.116	ng/ul#	37

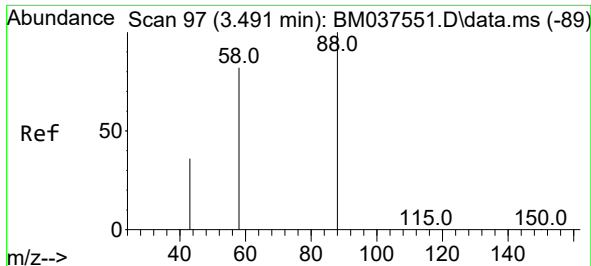
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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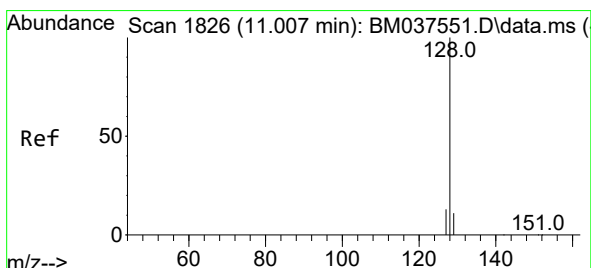
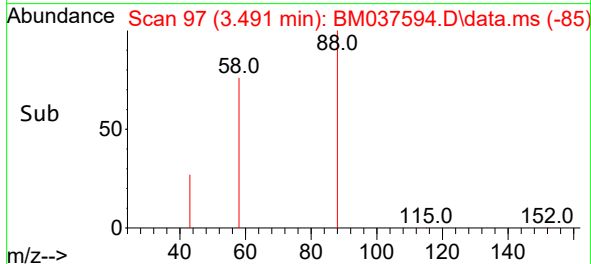
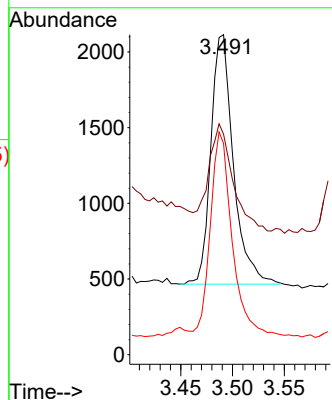
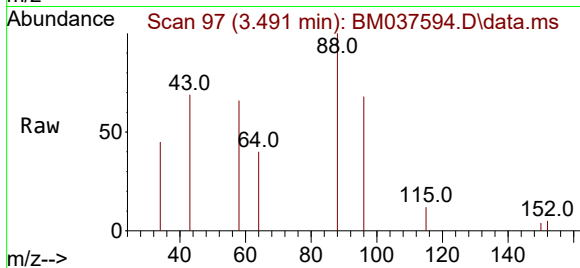




#2
1,4-Dioxane
Concen: 0.240 ng/ul
RT: 3.491 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM037594.D
Acq: 19 Nov 2022 10:18

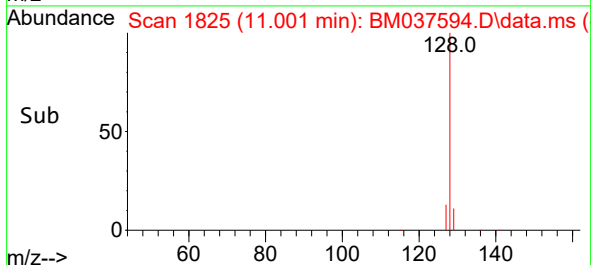
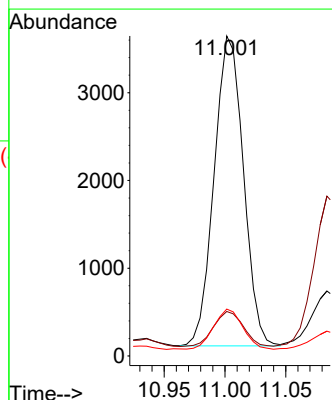
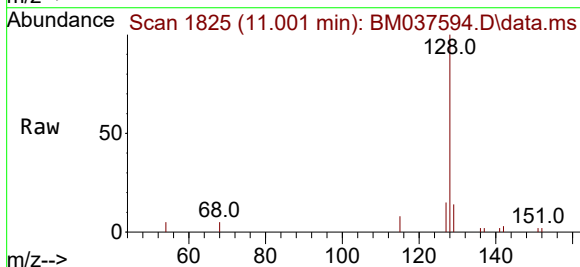
Instrument :
BNA_M
ClientSampleId :

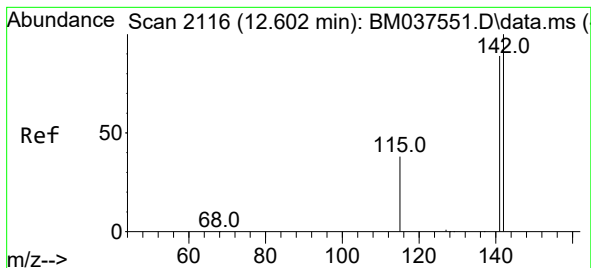
Tgt Ion: 88 Resp: 2492
Ion Ratio Lower Upper
88 100
43 68.9 102.8 154.2#
58 66.0 67.3 100.9#



#5
Naphthalene
Concen: 0.074 ng/ul
RT: 11.001 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BM037594.D
Acq: 19 Nov 2022 10:18

Tgt Ion: 128 Resp: 5914
Ion Ratio Lower Upper
128 100
129 13.9 9.8 14.8
127 14.7 11.0 16.4

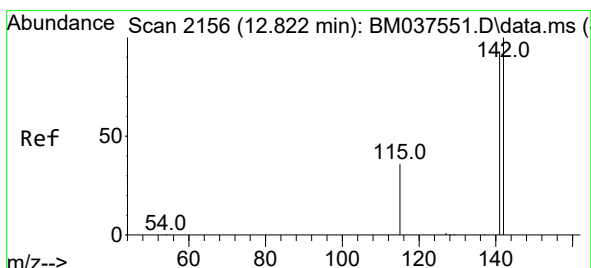
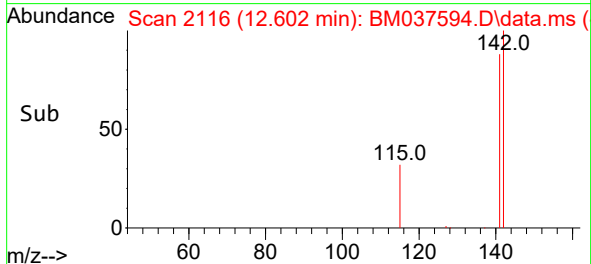
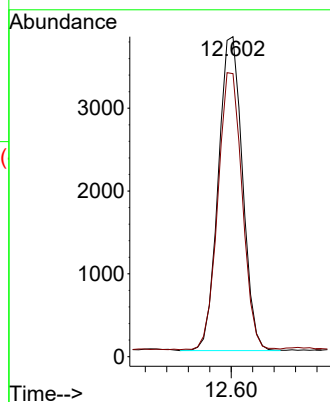
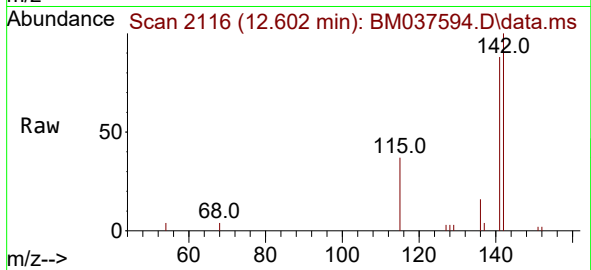




#7
2-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 12.602 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BM037594.D
Acq: 19 Nov 2022 10:18

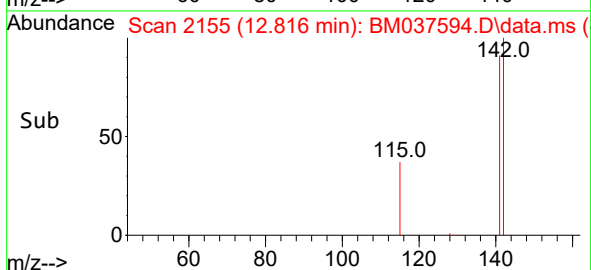
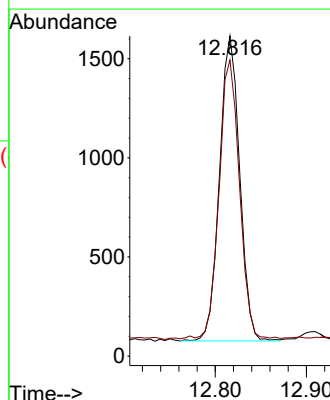
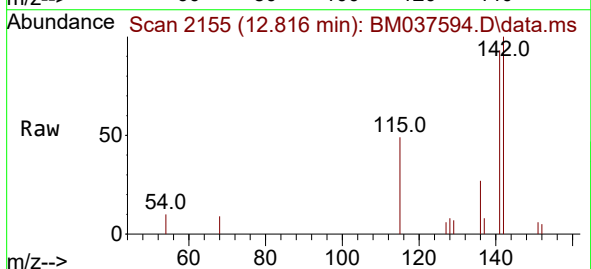
Instrument :
BNA_M
ClientSampleId :

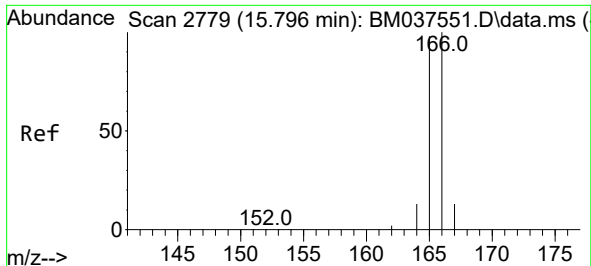
Tgt Ion:142 Resp: 5938
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.816 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM037594.D
Acq: 19 Nov 2022 10:18

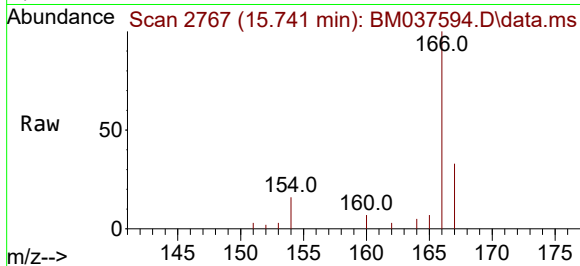
Tgt Ion:142 Resp: 2371
Ion Ratio Lower Upper
142 100
141 93.0 73.4 110.0



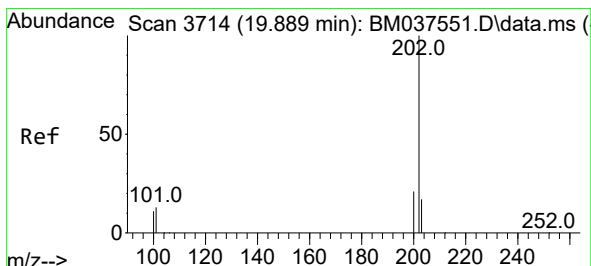
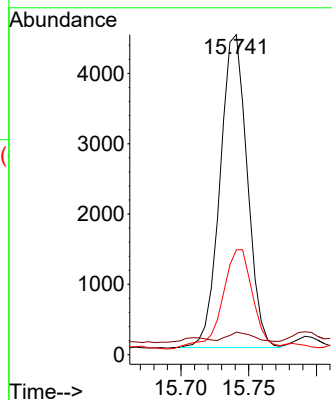
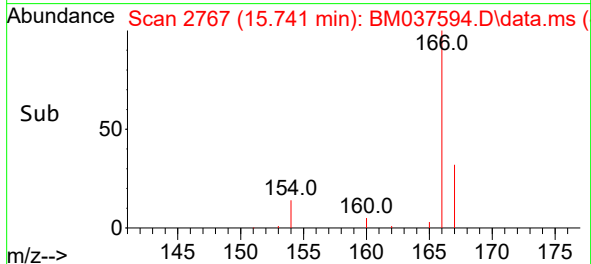


#12
Fluorene
Concen: 0.063 ng/ul
RT: 15.741 min Scan# 21
Delta R.T. -0.056 min
Lab File: BM037594.D
Acq: 19 Nov 2022 10:18

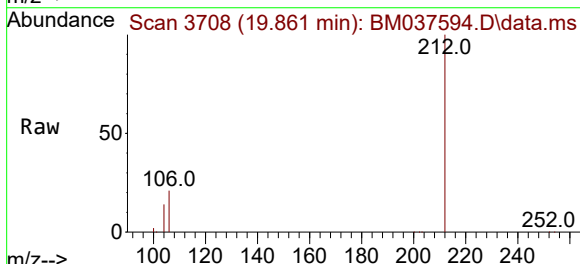
Instrument :
BNA_M
ClientSampleId :



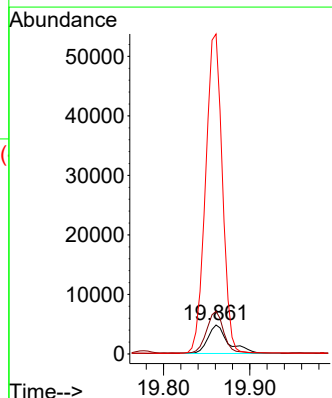
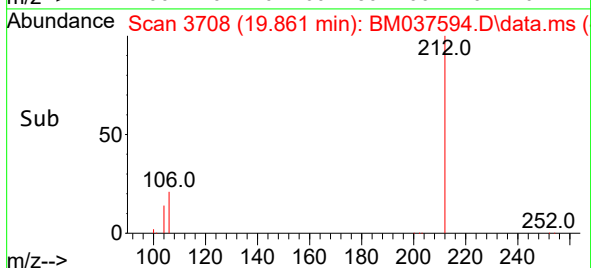
Tgt Ion:166 Resp: 6195
Ion Ratio Lower Upper
166 100
165 7.1 78.7 118.1#
167 32.7 11.3 16.9#

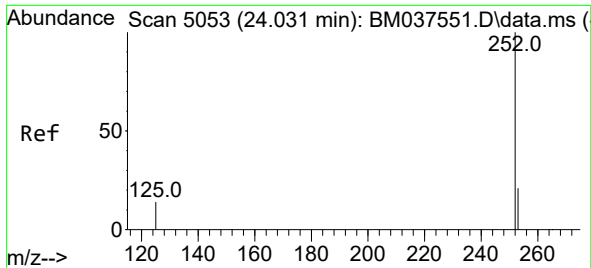


#20
Pyrene
Concen: 0.051 ng/ul
RT: 19.861 min Scan# 3708
Delta R.T. -0.028 min
Lab File: BM037594.D
Acq: 19 Nov 2022 10:18



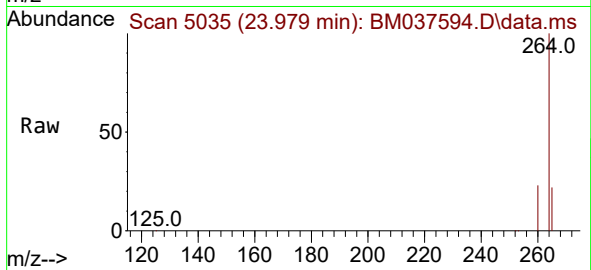
Tgt Ion:202 Resp: 7900
Ion Ratio Lower Upper
202 100
101 147.8 10.1 15.1#
100 1107.2 8.0 12.0#





#26
 Benzo(a)pyrene
 Concen: 0.116 ng/ul
 RT: 23.979 min Scan# 50
 Delta R.T. -0.050 min
 Lab File: BM037594.D
 Acq: 19 Nov 2022 10:18

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:252 Resp: 15254
 Ion Ratio Lower Upper
 252 100
 253 39.2 18.8 28.2#
 125 60.5 10.5 15.7#

