

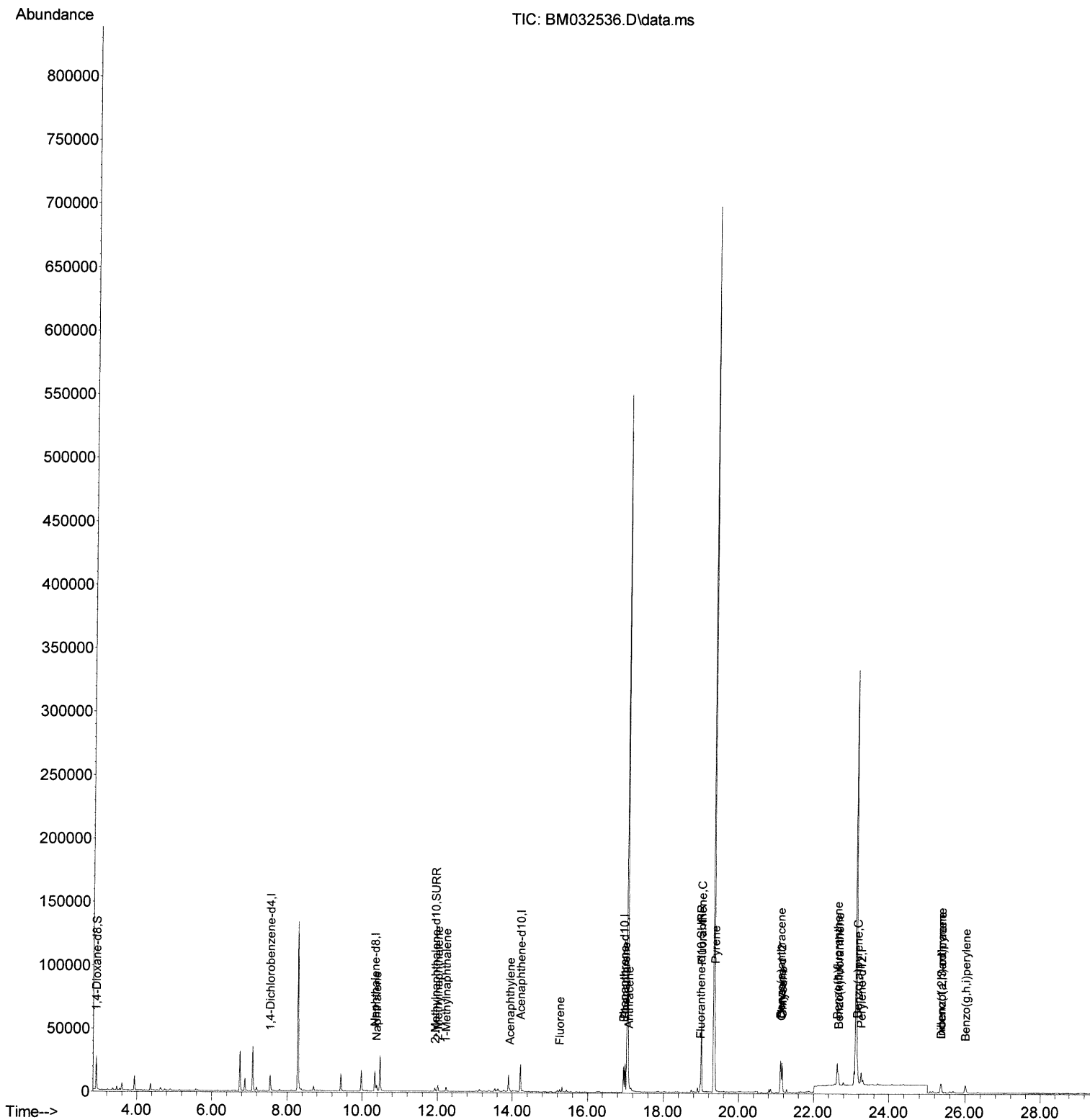
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032536.D
Acq On : 15 Oct 2021 21:28
Operator : CG/JU
Sample : M4029-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00R3

Manual Integrations
APPROVED

mohammad
10/18/2021 12:41:55 PM

Quant Time: Oct 18 04:09:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 12:37:00 2021
Response via : Initial Calibration



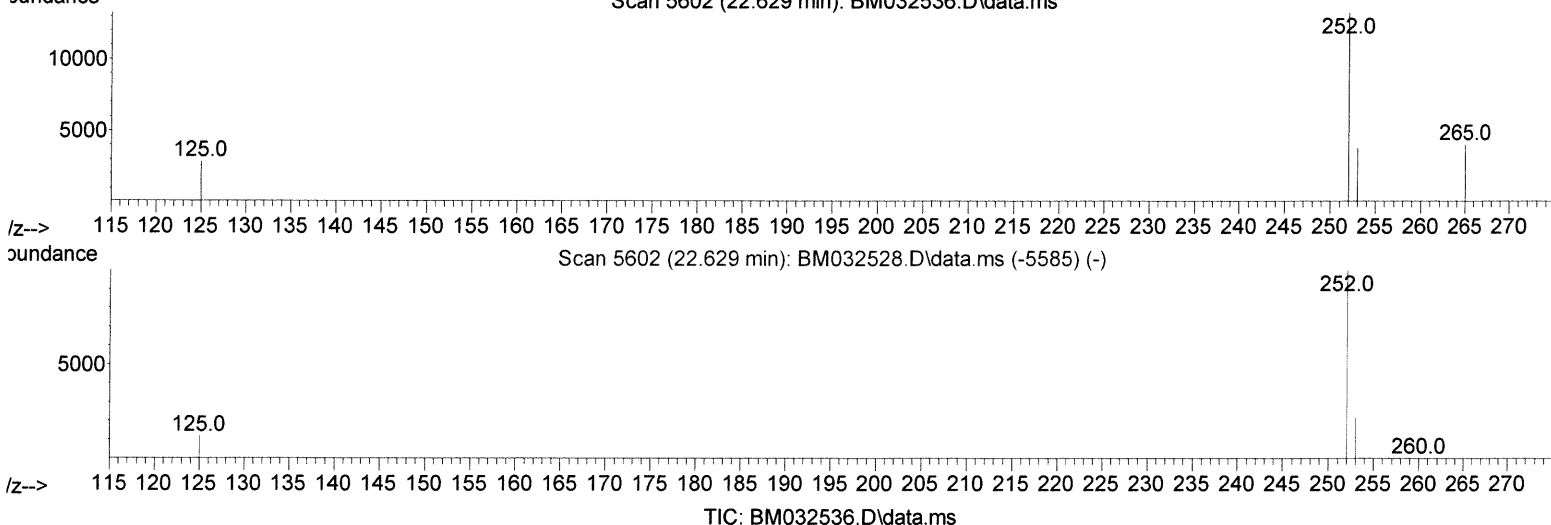
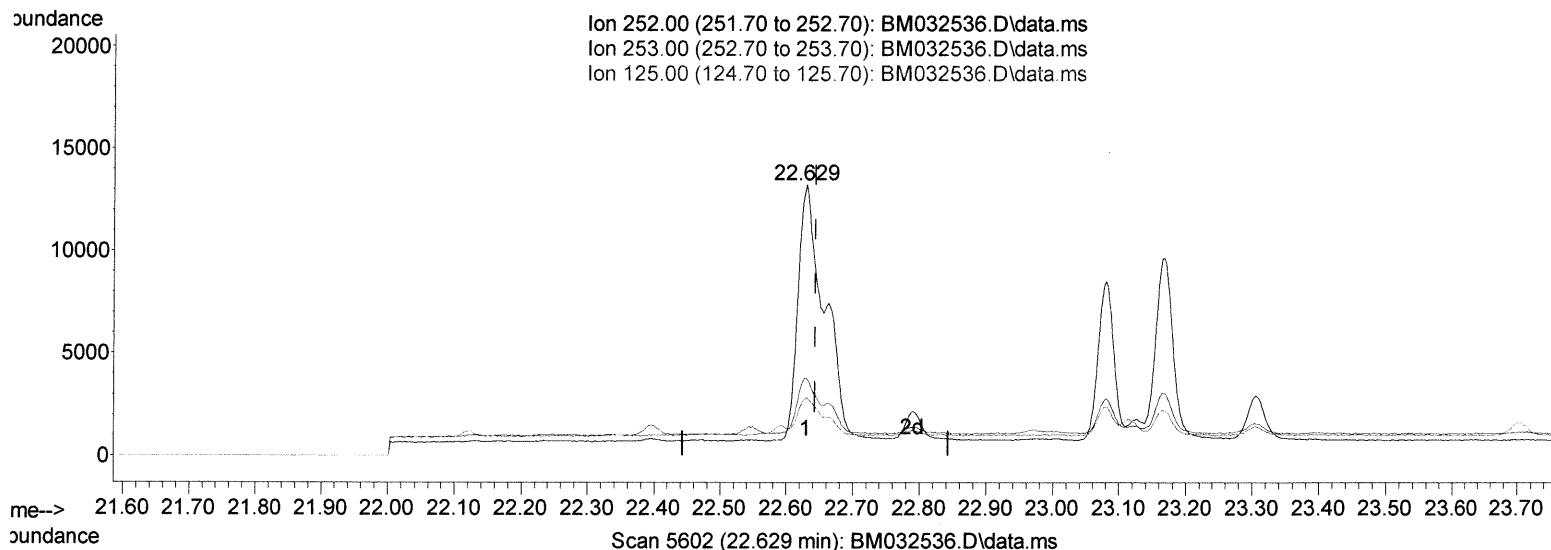
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(24) Benzo(b)fluoranthene

22.629min (-0.014) 0.64 ng/ul

response 34754

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	28.75
125.00	17.80	21.32
0.00	0.00	0.00

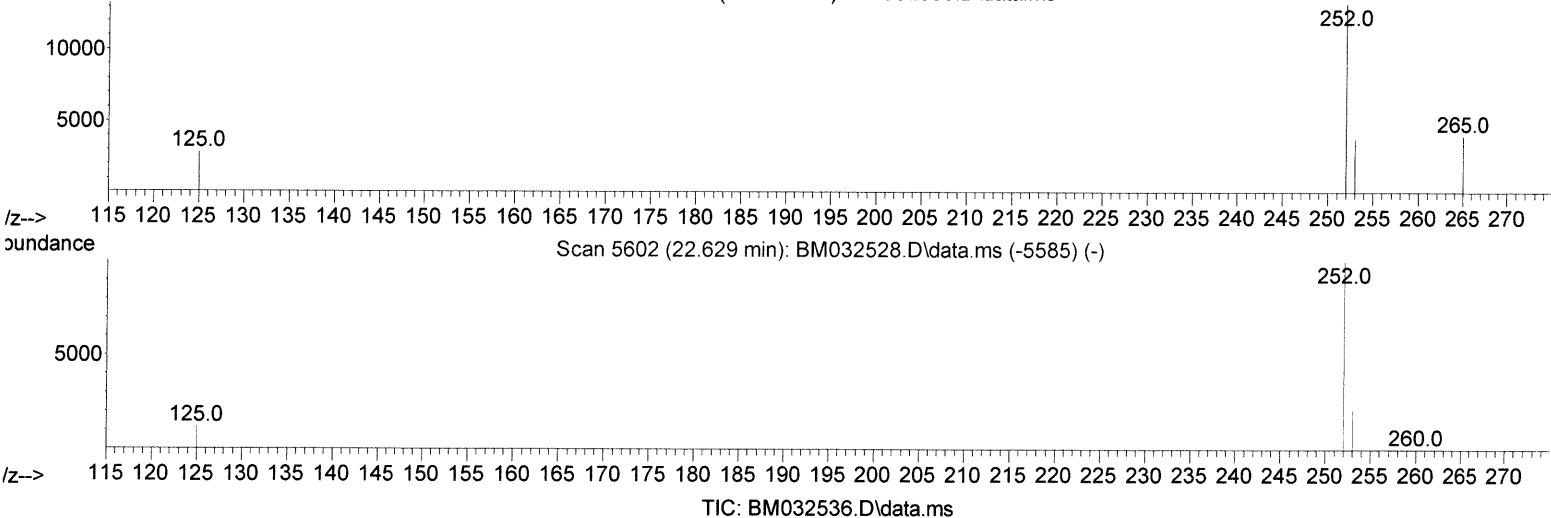
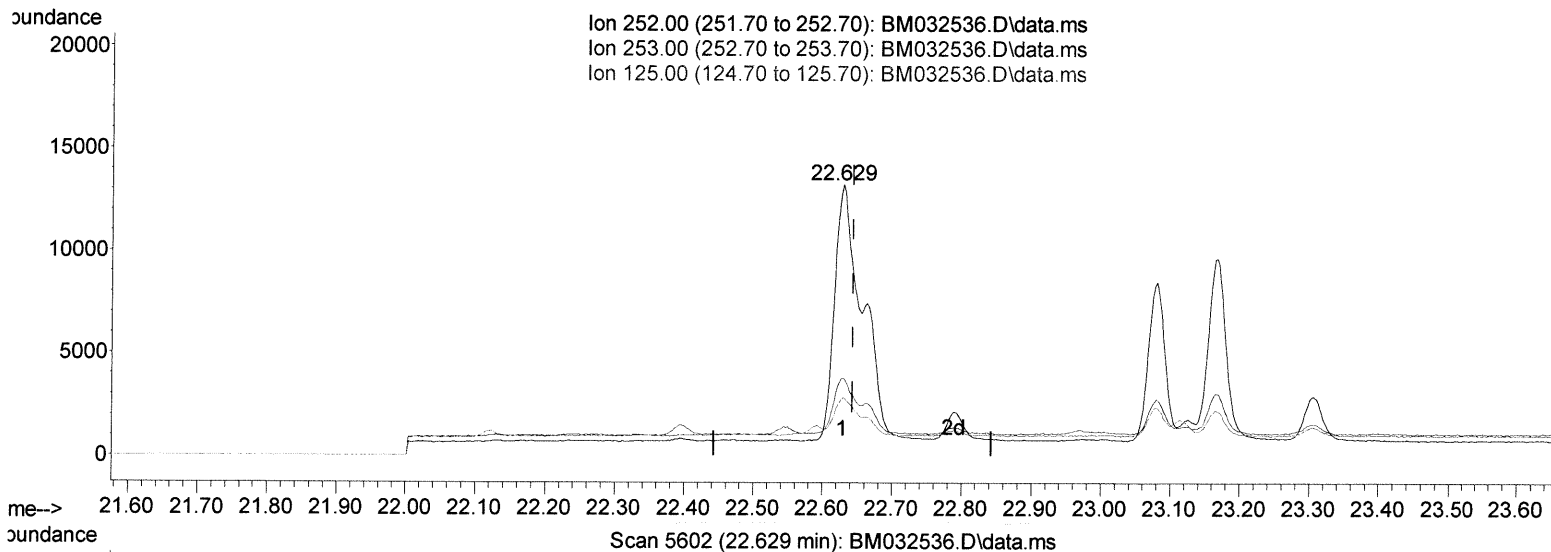
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(24) Benzo(b)fluoranthene

22.629min (-0.014) 0.47 ng/ul m

response 25626

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	28.75
125.00	17.80	21.32
0.00	0.00	0.00

JU 10/19/21

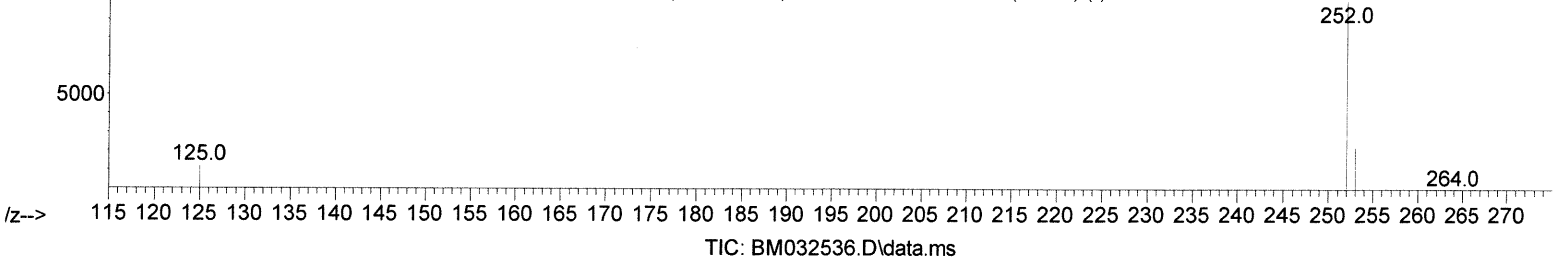
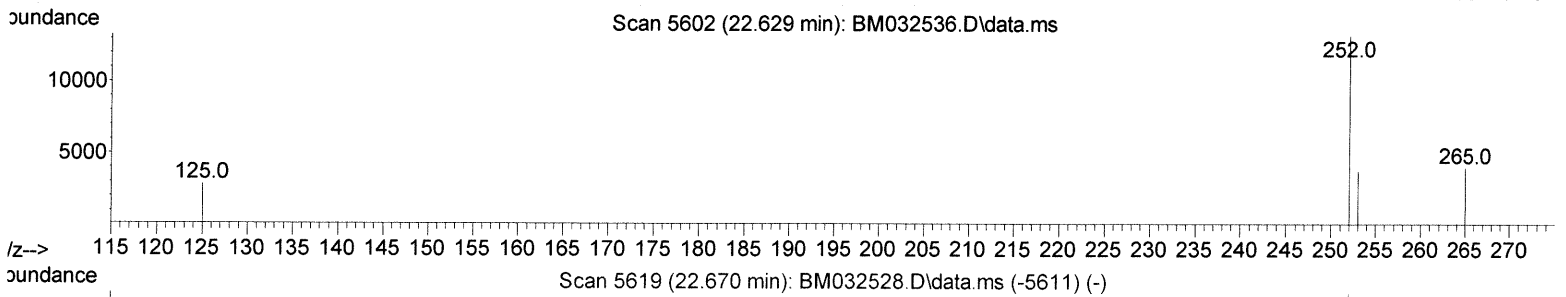
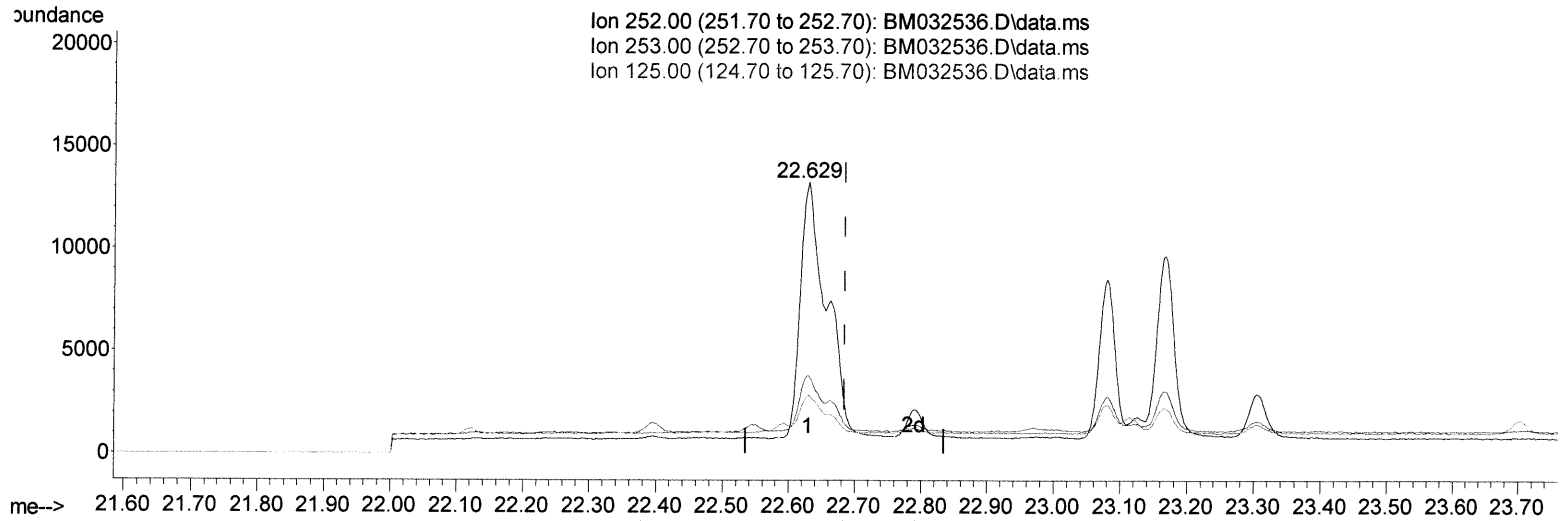
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(25) Benzo(k)fluoranthene

22.629min (-0.056) 0.64 ng/ul

response 34754

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	28.75
125.00	18.00	21.32
0.00	0.00	0.00

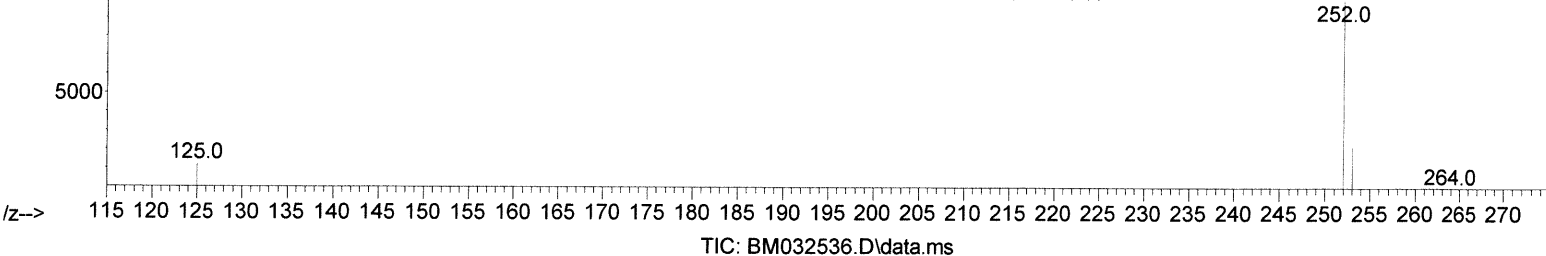
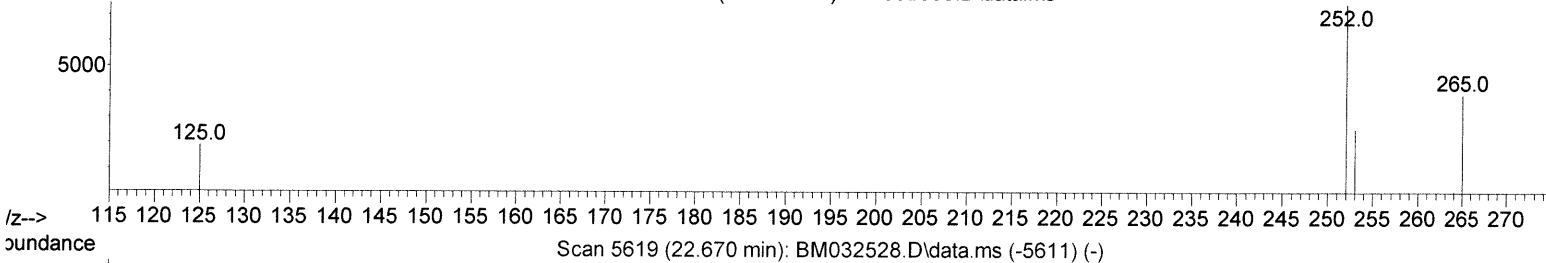
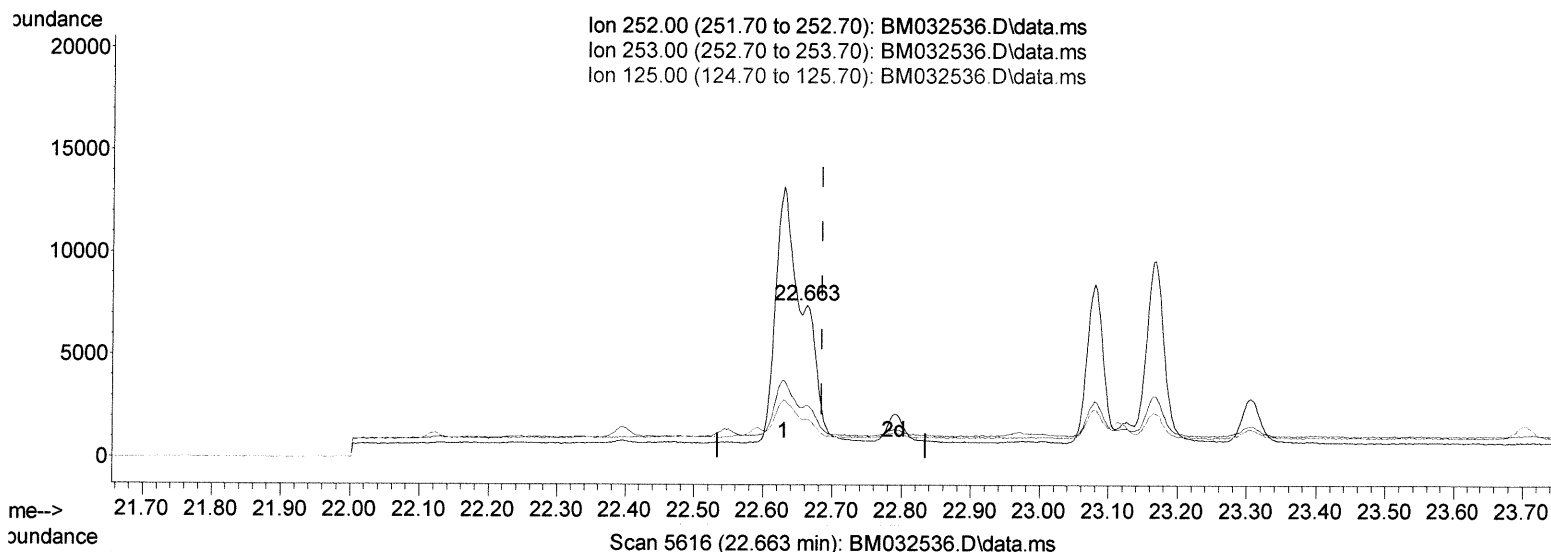
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(25) Benzo(k)fluoranthene

22.663min (-0.022) 0.17 ng/ul m

response 9100

Ion Exp% Act%

252.00 100.00 100.00

253.00 27.20 34.44#

125.00 18.00 25.19#

0.00 0.00 0.00

Joe 10/19/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	6828	0.400	ng/ul	0.00
4) Naphthalene-d8	10.339	136	21997	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	11640	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	22679	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.125	240	14561	0.400	ng/ul	0.00
23) Perylene-d12	23.261	264	11795	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	16028	2.094	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	3692	0.126	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	7329	0.160	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.389	128	5967	0.089	ng/ul	97
7) 2-Methylnaphthalene	12.012	142	3992	0.091	ng/ul	97
8) 1-Methylnaphthalene	12.233	142	2487	0.058	ng/ul	99
10) Acenaphthylene	13.928	152	1921	0.039	ng/ul	92
12) Fluorene	15.260	166	1109	0.022	ng/ul#	95
15) Phenanthrene	16.988	178	23064	0.302	ng/ul	100
16) Anthracene	17.078	178	3471	0.052	ng/ul#	93
19) Fluoranthene	19.004	202	53488	0.742	ng/ul	100
20) Pyrene	19.366	202	48467	0.654	ng/ul	99
21) Benzo(a)anthracene	21.108	228	17521	0.308	ng/ul	97
22) Chrysene	21.159	228	23121	0.369	ng/ul	98
24) Benzo(b)fluoranthene	22.629	252	25626m	0.470	ng/ul	97
25) Benzo(k)fluoranthene	22.663	252	9100m	0.168	ng/ul	97
26) Benzo(a)pyrene	23.167	252	15753	0.345	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.362	276	11177	0.200	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.362	278	2435	0.055	ng/ul#	58
29) Benzo(g,h,i)perylene	26.006	276	10963	0.225	ng/ul	97

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

7/24 10/19/21