

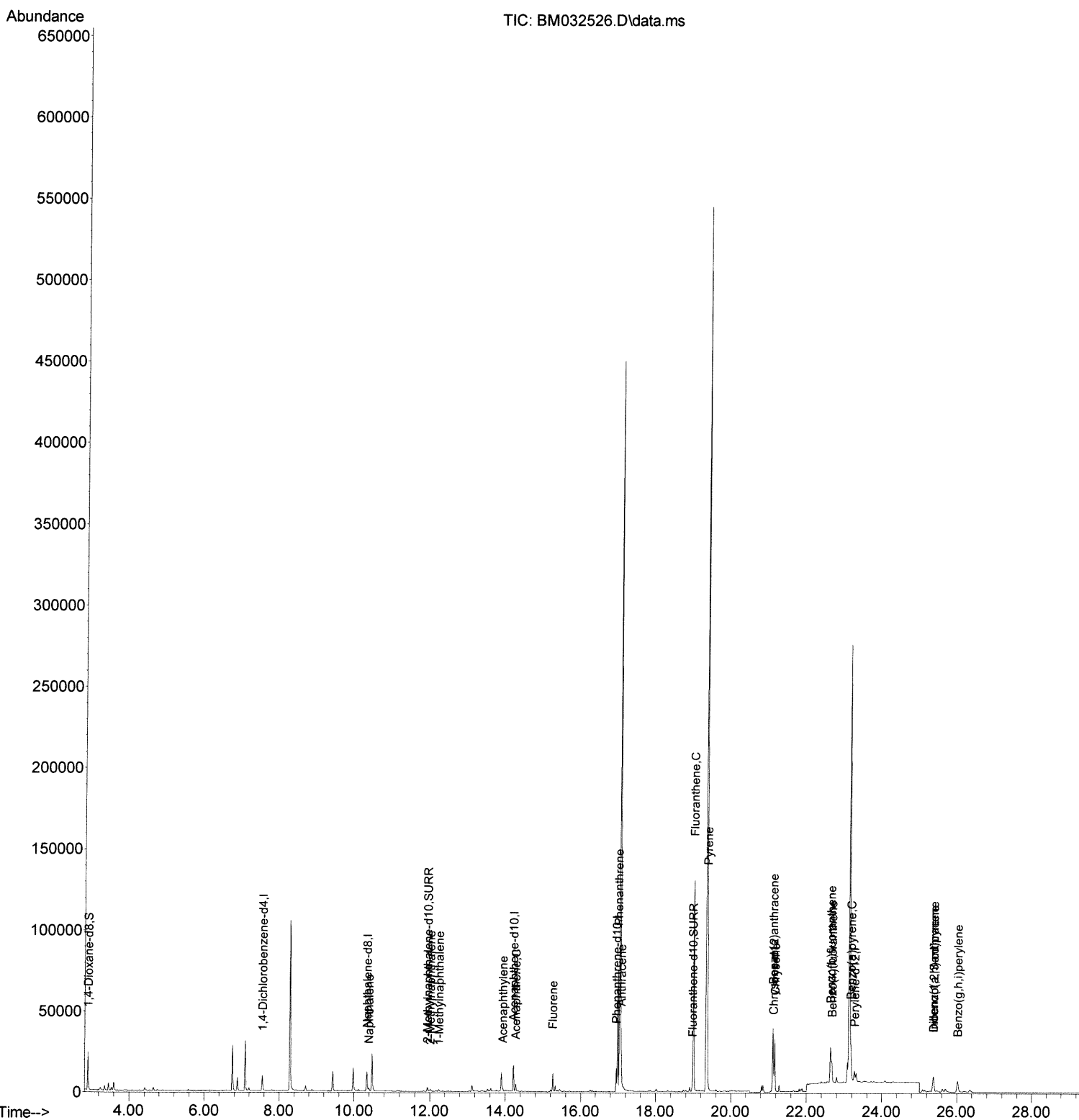
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032526.D
Acq On : 15 Oct 2021 15:19
Operator : CG/JU
Sample : M4029-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00Q4

Manual Integrations
APPROVED

mohammad
10/18/2021 12:41:24 PM

Quant Time: Oct 15 16:14:07 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



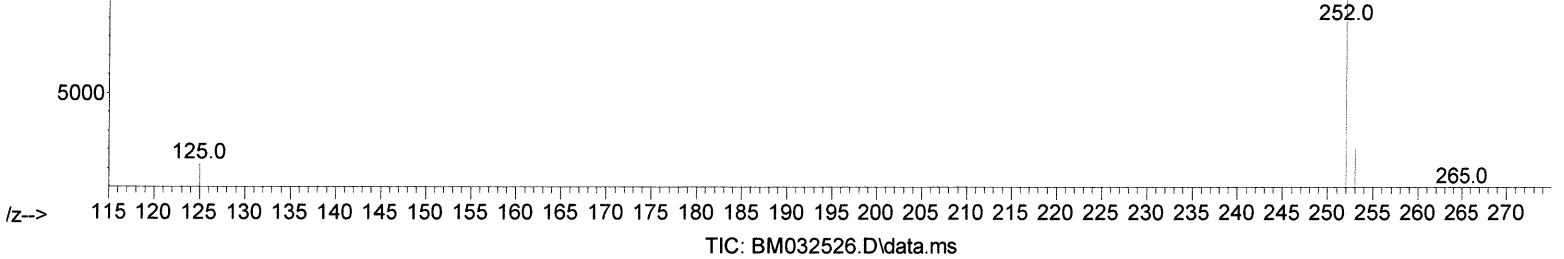
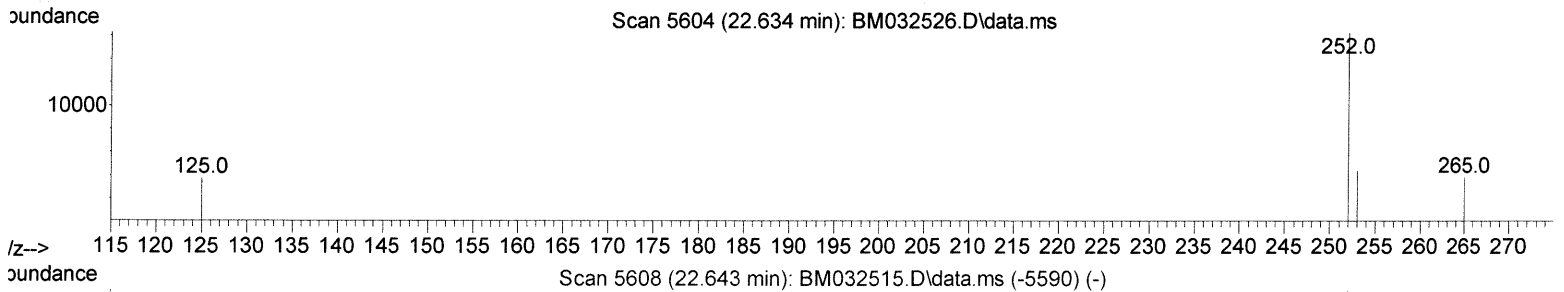
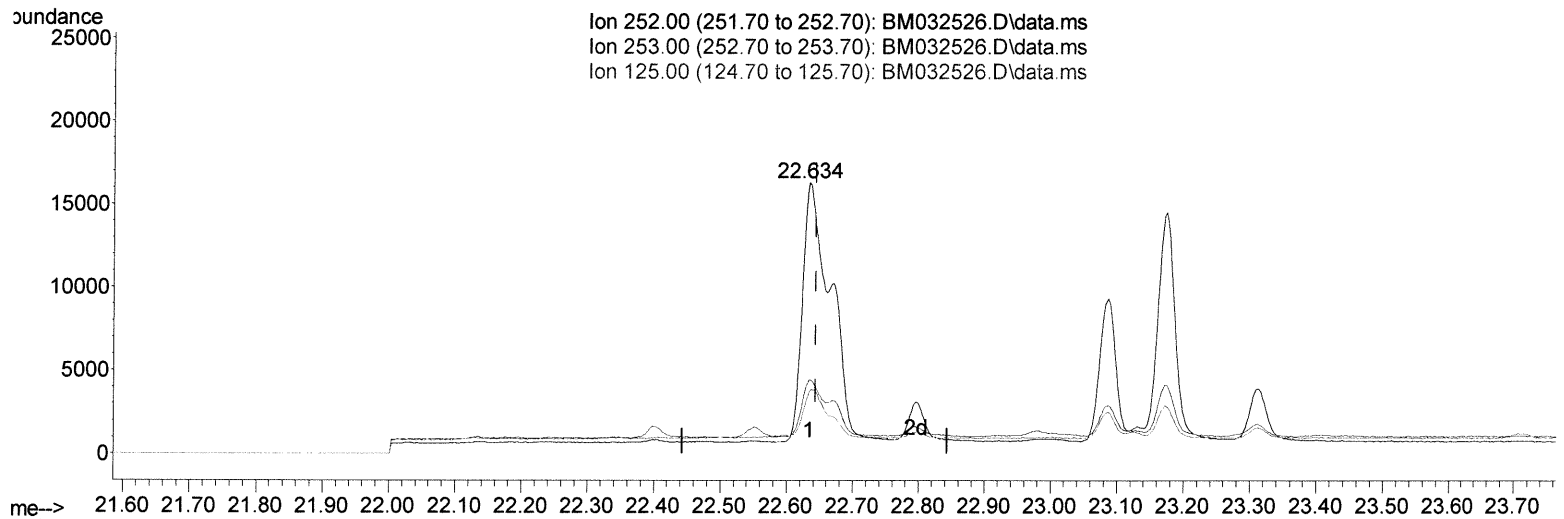
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(24) Benzo(b)fluoranthene

22.634min (-0.010) 1.24 ng/ul

response 46487

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	27.20
125.00	17.80	22.89
0.00	0.00	0.00

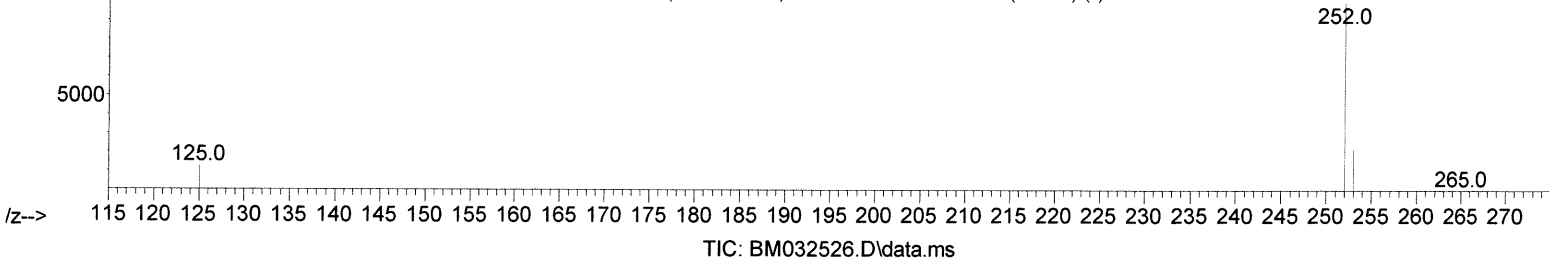
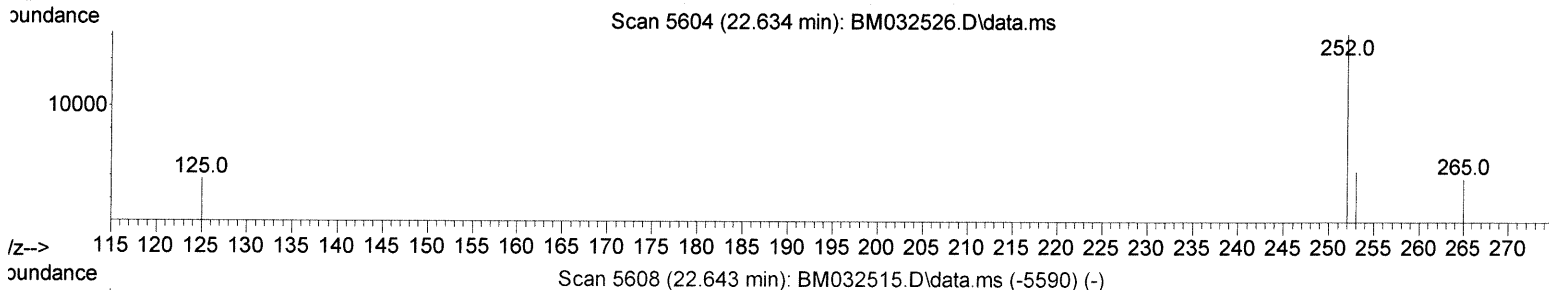
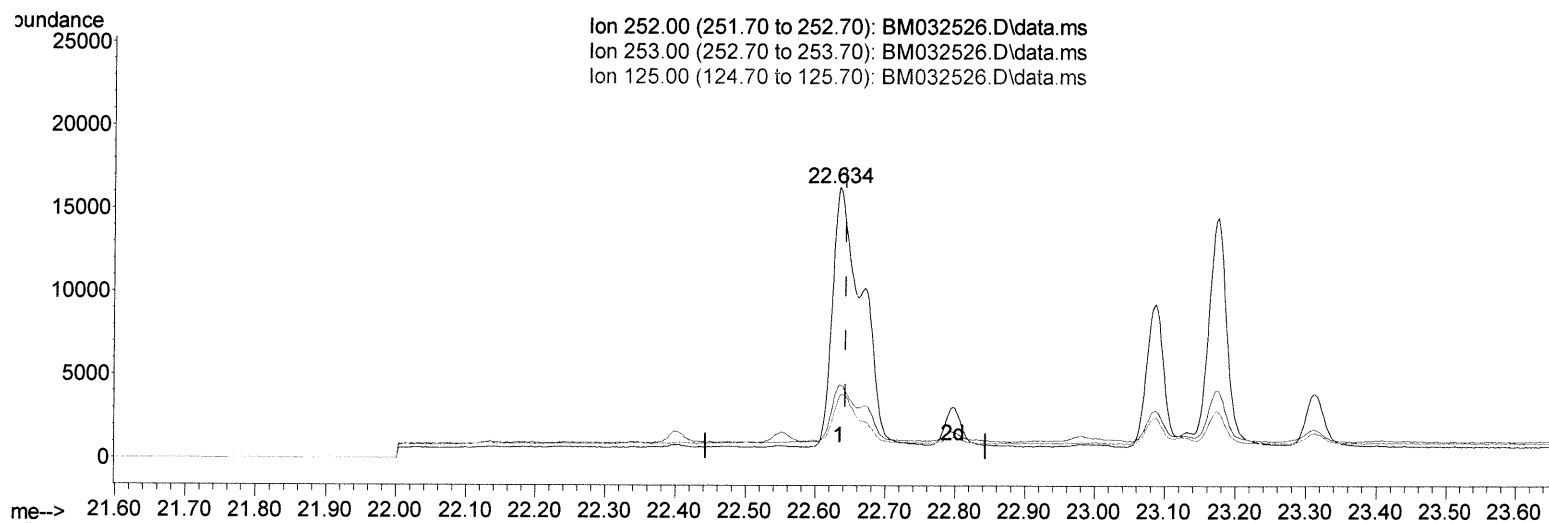
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(24) Benzo(b)fluoranthene

22.634min (-0.010) 0.85 ng/ul m

response 31803

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	27.20
125.00	17.80	22.89
0.00	0.00	0.00

J410/19/21

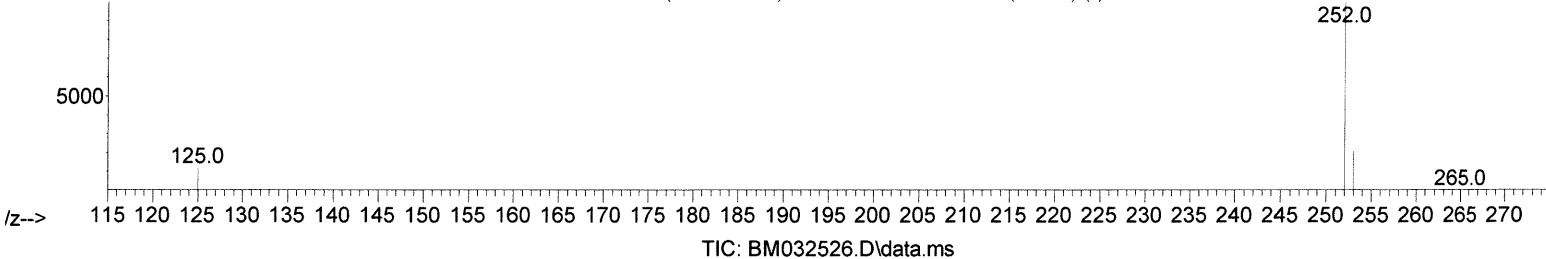
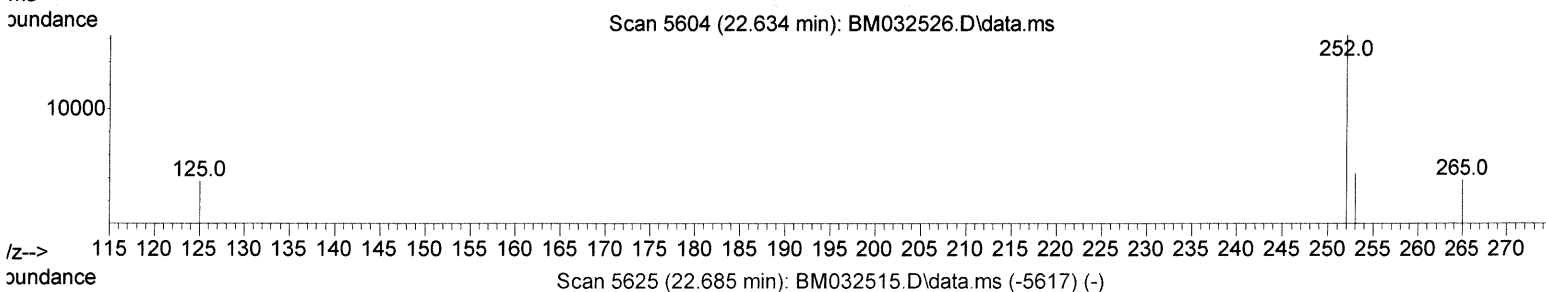
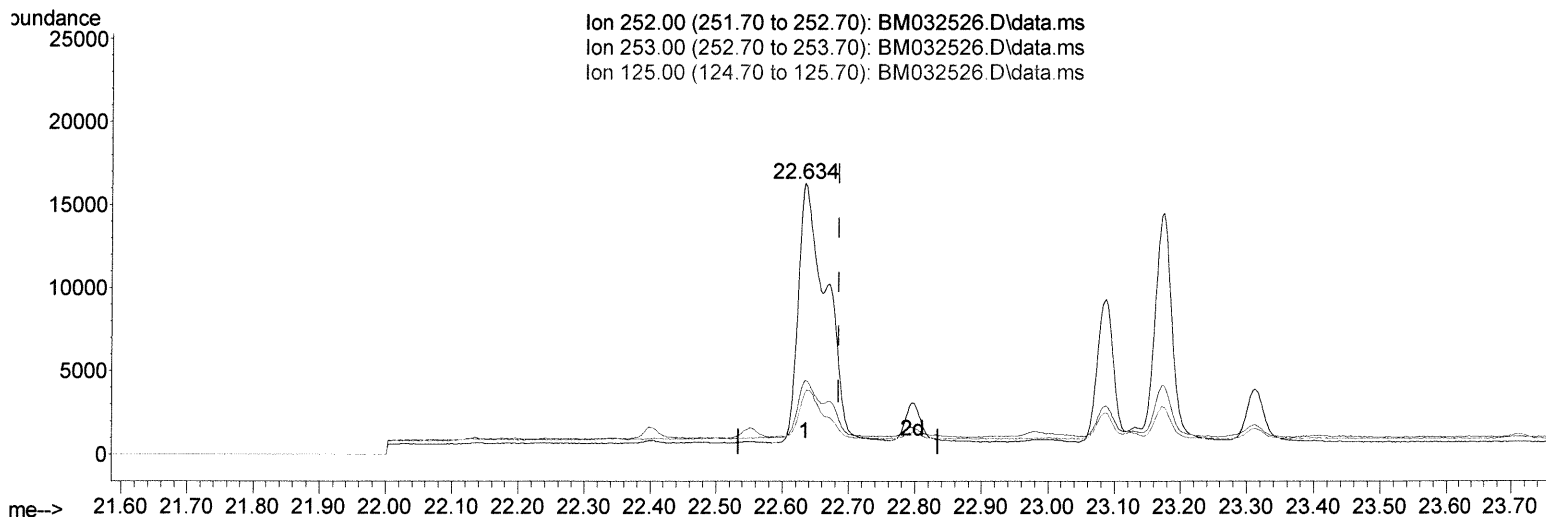
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 Sample : M4029-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(25) Benzo(k)fluoranthene

22.634min (-0.051) 1.25 ng/ul

response 46487

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	27.20
125.00	18.00	22.89#
0.00	0.00	0.00

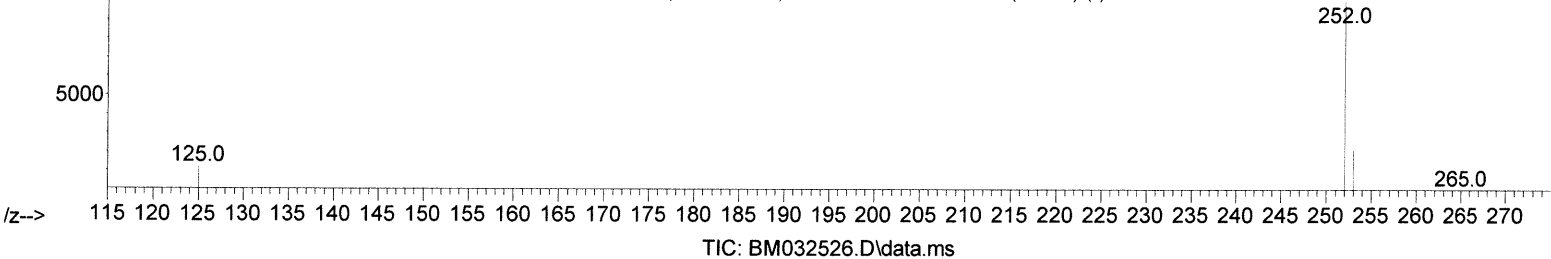
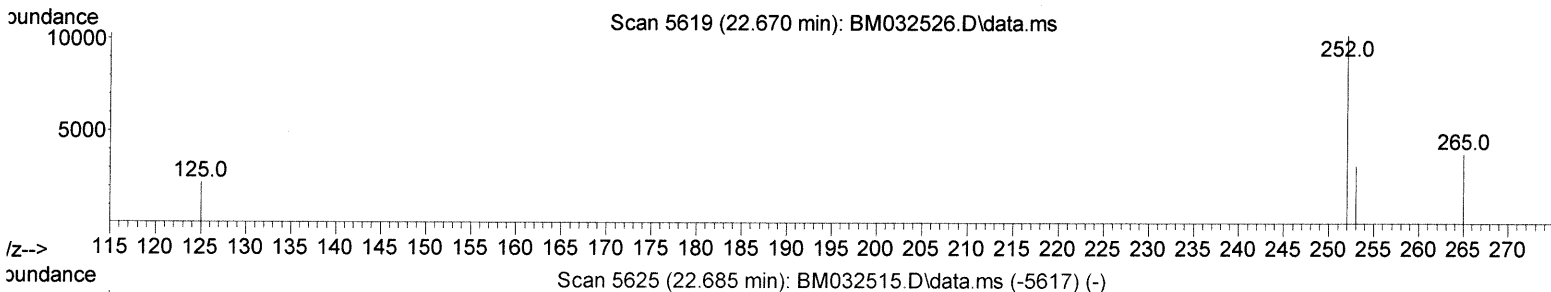
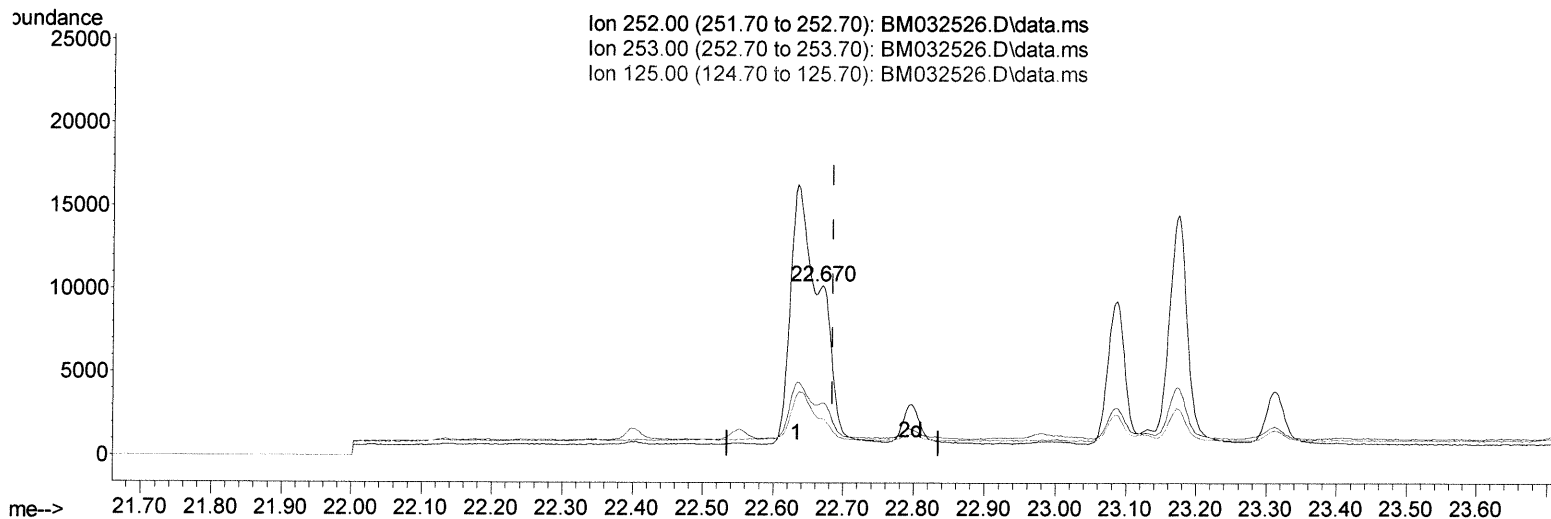
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(25) Benzo(k)fluoranthene

22.670min (-0.015) 0.38 ng/ul m

response 14346

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	31.05
125.00	18.00	21.73#
0.00	0.00	0.00

JU 10/19/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.556	152	5103	0.400	ng/ul	0.00
4) Naphthalene-d8	10.344	136	16300	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	8376	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	15397	0.400	ng/ul	0.00
17) Chrysene-d12	21.128	240	9266	0.400	ng/ul	0.00
23) Perylene-d12	23.266	264	8112	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	14003	2.448	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	3275	0.151	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	5823	0.200	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.393	128	1985	0.040	ng/ul#	87
7) 2-Methylnaphthalene	12.012	142	1017	0.031	ng/ul	99
8) 1-Methylnaphthalene	12.237	142	765	0.024	ng/ul	97
10) Acenaphthylene	13.933	152	2574	0.072	ng/ul	94
11) Acenaphthene	14.278	153	2621	0.080	ng/ul	97
12) Fluorene	15.263	166	7094	0.193	ng/ul	99
15) Phenanthrene	16.991	178	74904	1.447	ng/ul	99
16) Anthracene	17.081	178	18211	0.400	ng/ul	99
19) Fluoranthene	19.008	202	108176	2.360	ng/ul	98
20) Pyrene	19.370	202	87880	1.864	ng/ul	98
21) Benzo(a)anthracene	21.113	228	31079	0.858	ng/ul	99
22) Chrysene	21.164	228	31115	0.781	ng/ul	98
24) Benzo(b)fluoranthene	22.634	252	31803m	0.849	ng/ul	} J4 10/19/21
25) Benzo(k)fluoranthene	22.670	252	14346m	0.384	ng/ul	
26) Benzo(a)pyrene	23.174	252	24283	0.773	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.372	276	14468	0.377	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.374	278	3495	0.115	ng/ul#	72
29) Benzo(g,h,i)perylene	26.016	276	12703	0.380	ng/ul	98

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