

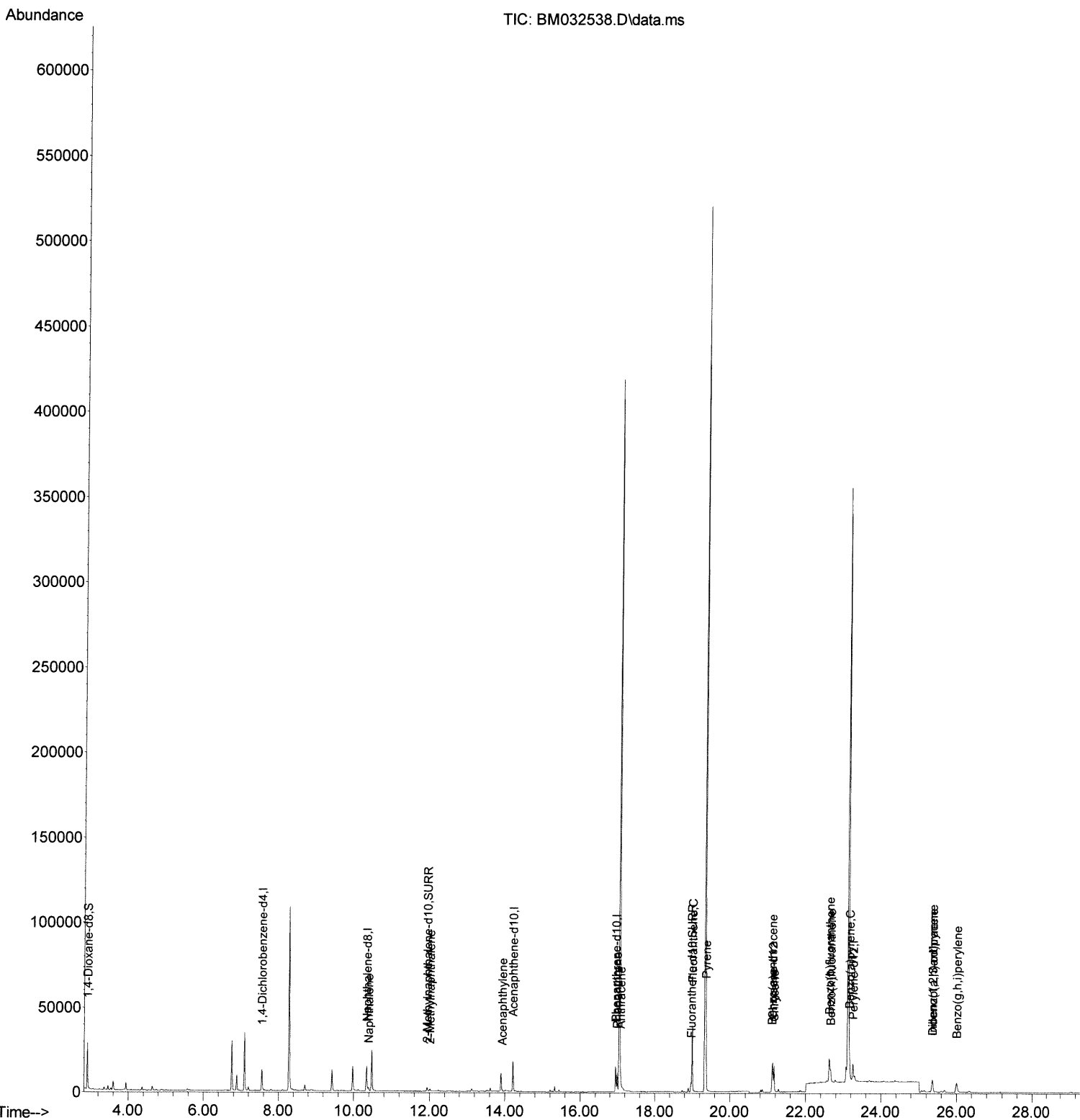
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032538.D
Acq On : 15 Oct 2021 22:41
Operator : CG/JU
Sample : M4029-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00R1

Manual Integrations
APPROVED

mohammad
10/18/2021 12:42:01 PM

Quant Time: Oct 18 04:09:53 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



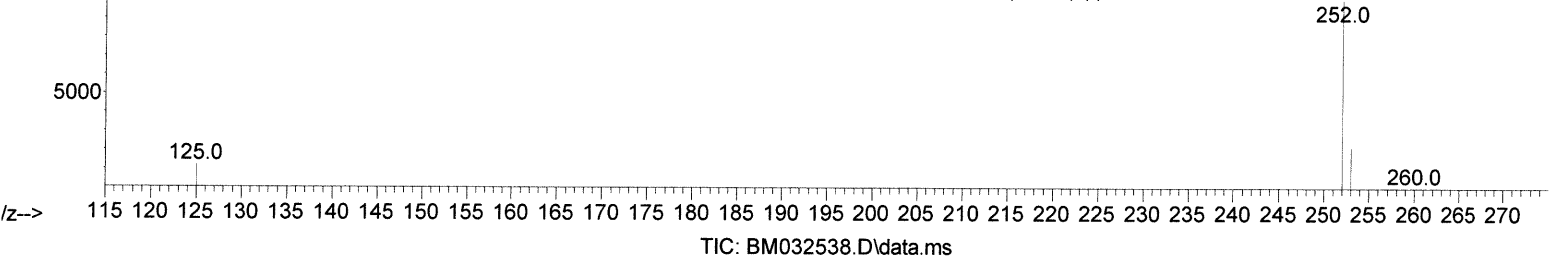
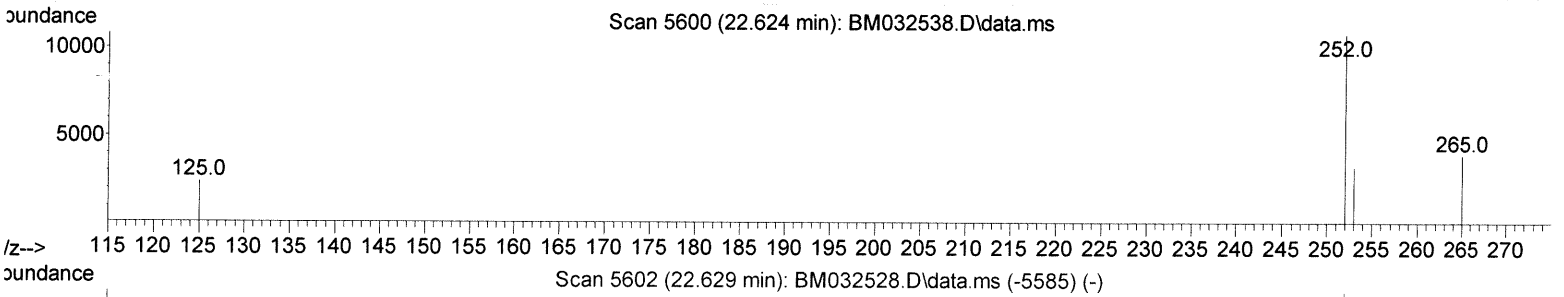
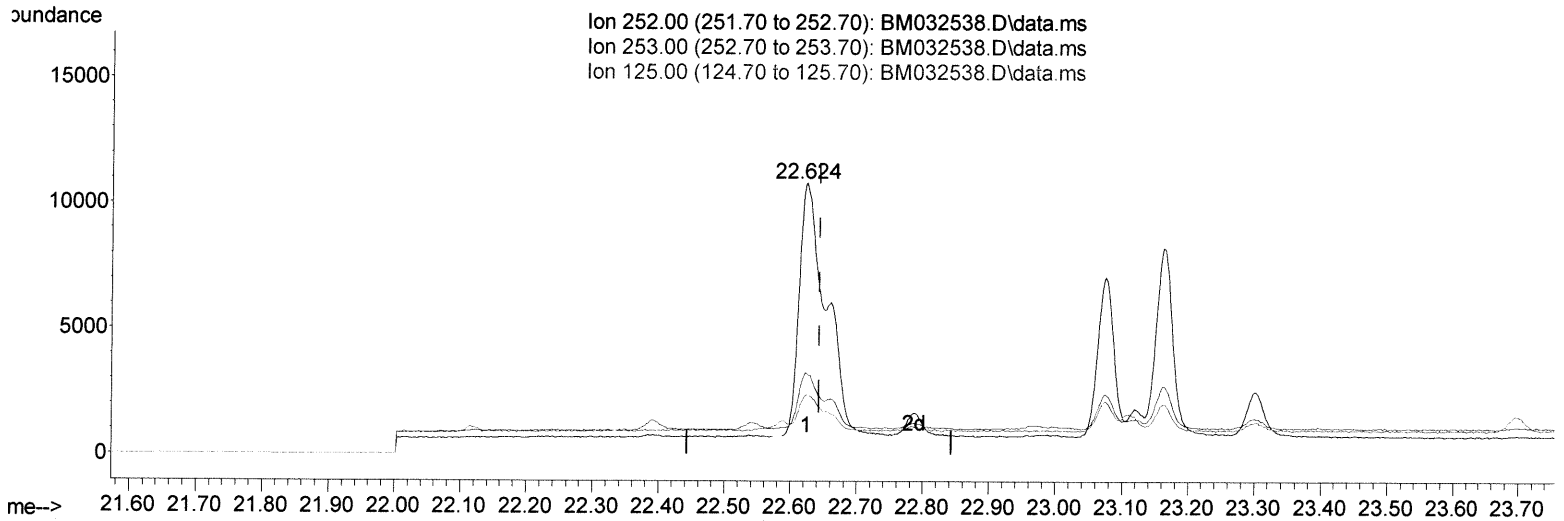
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TIC: BM032538.D\data.ms

(24) Benzo(b)fluoranthene

22.624min (-0.019) 0.50 ng/ul

response 28966

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	29.86
125.00	17.80	21.92
0.00	0.00	0.00

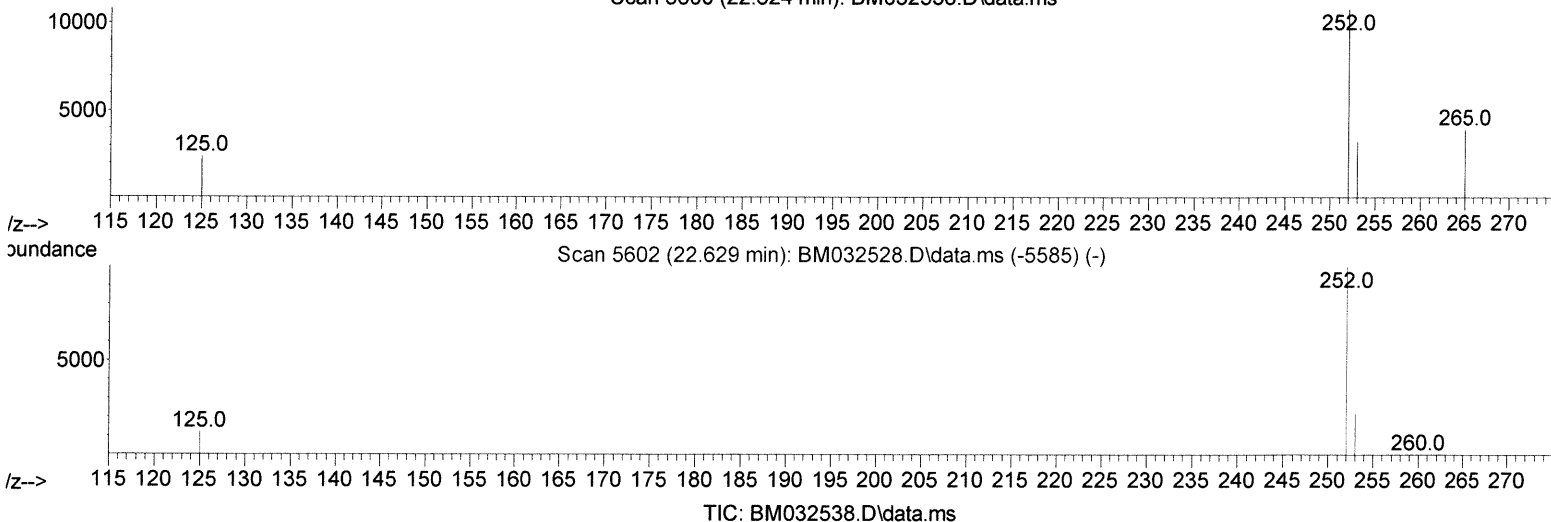
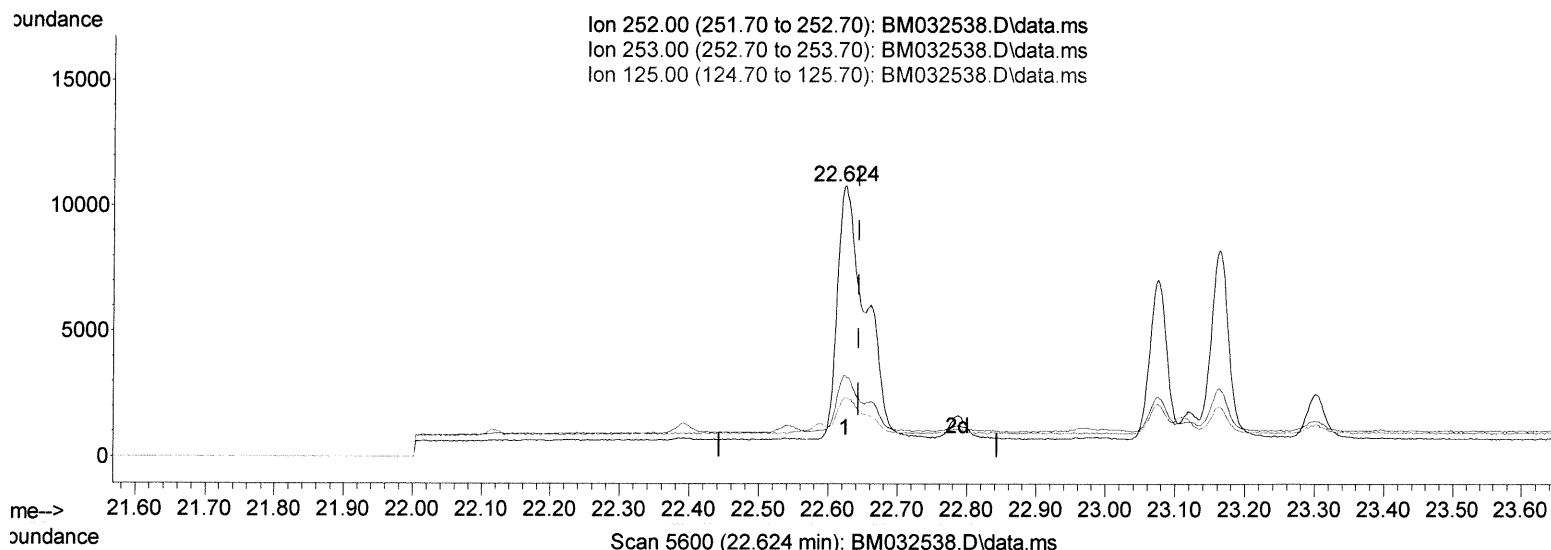
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(24) Benzo(b)fluoranthene

22.624min (-0.019) 0.36 ng/ul m

response 20878

JU 10/19/21

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	29.86
125.00	17.80	21.92
0.00	0.00	0.00

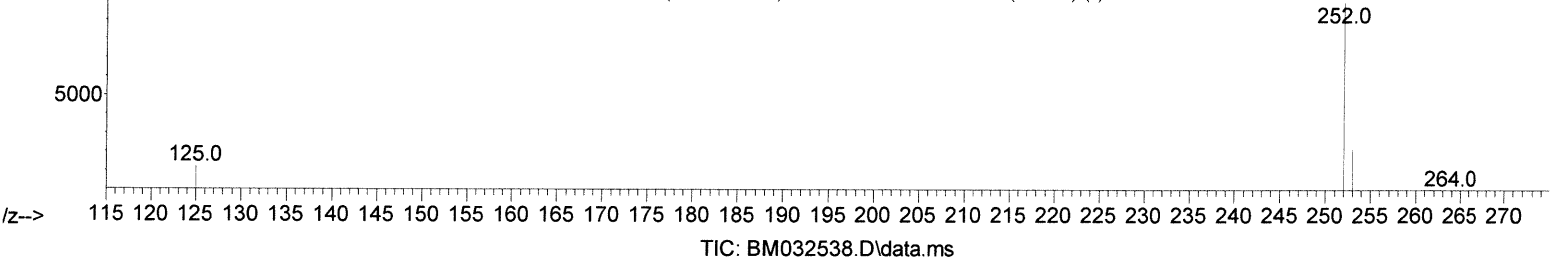
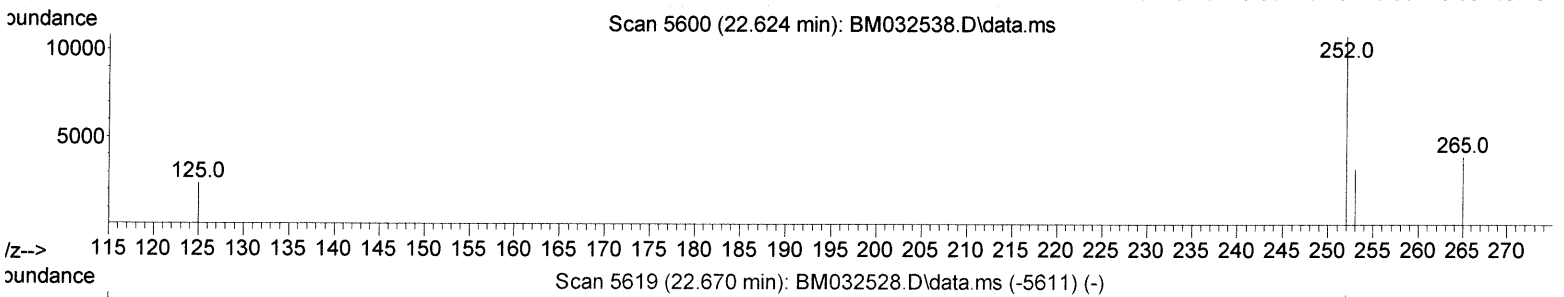
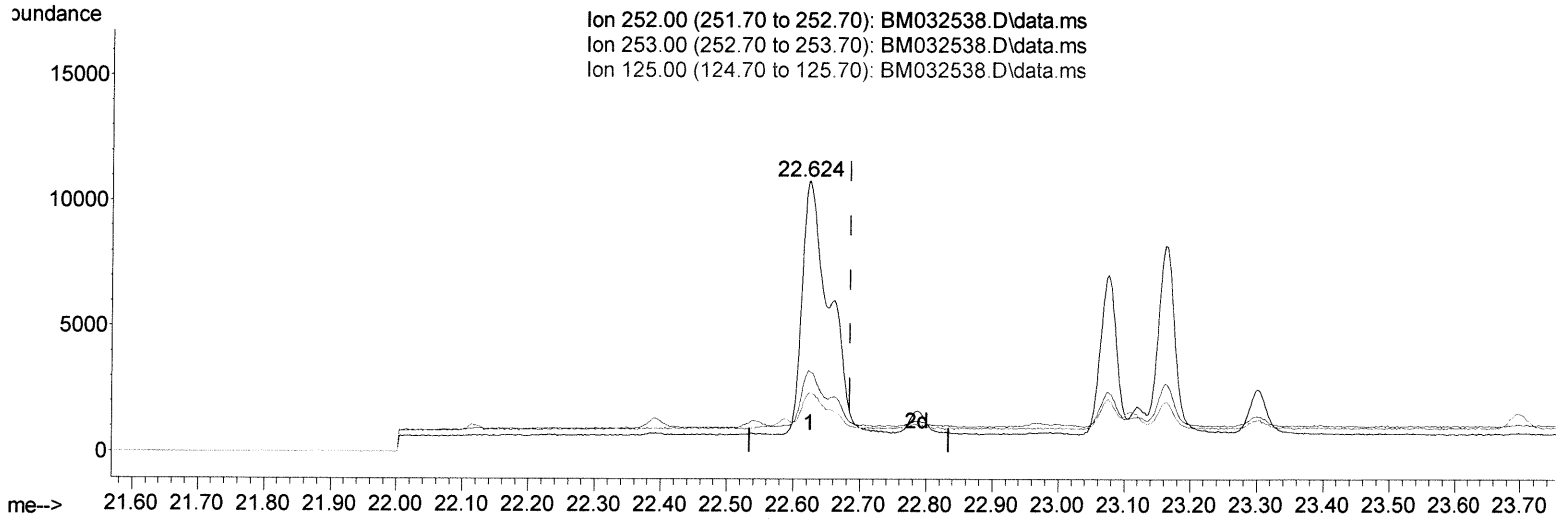
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TIC: BM032538.D\data.ms

(25) Benzo(k)fluoranthene

22.624min (-0.060) 0.50 ng/ul

response 28997

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	29.86
125.00	18.00	21.92#
0.00	0.00	0.00

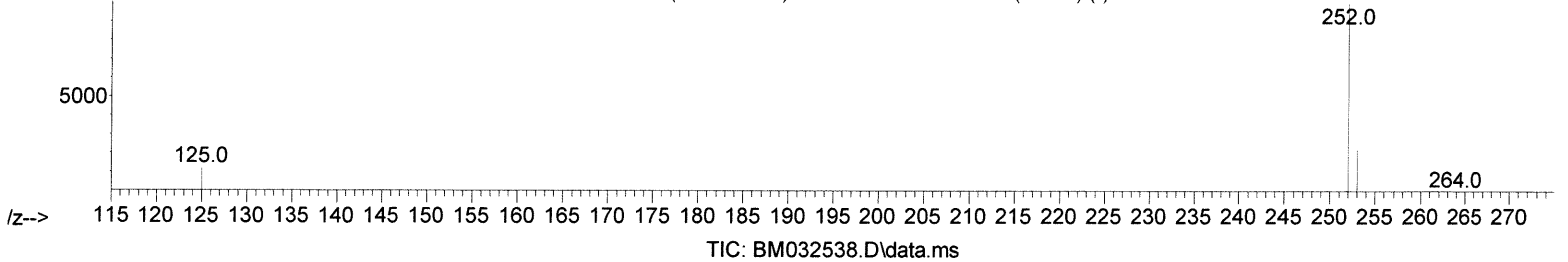
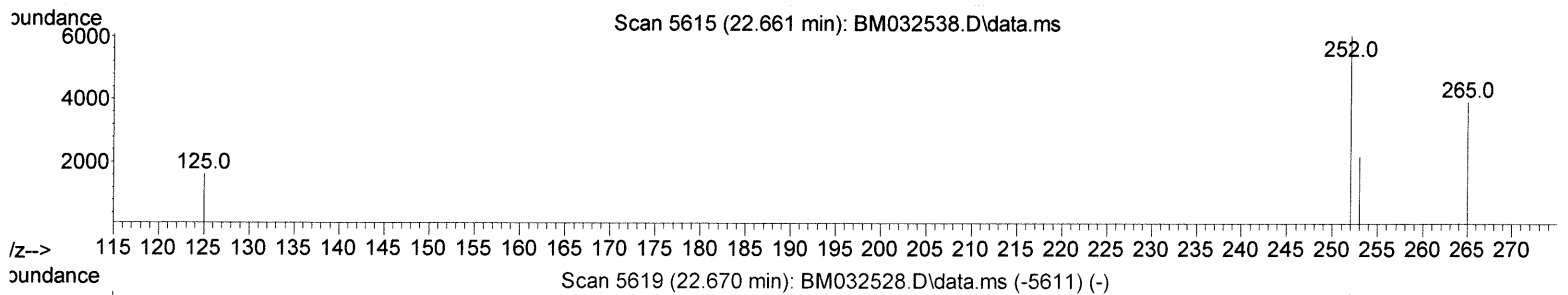
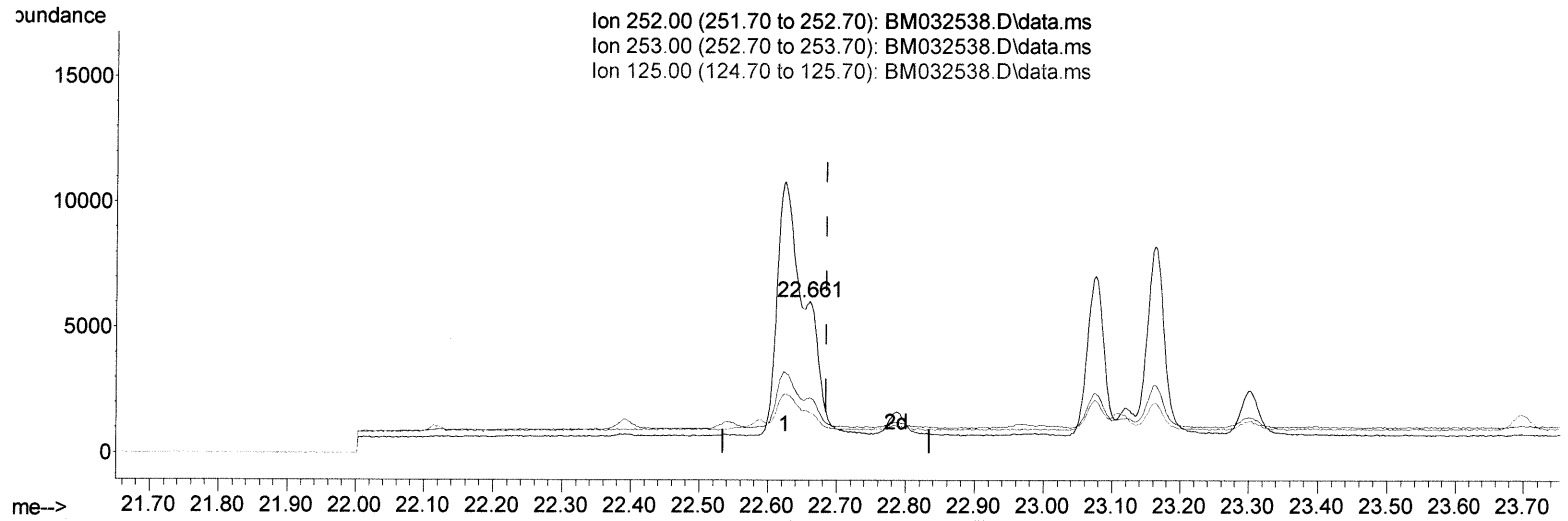
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(25) Benzo(k)fluoranthene

22.661min (-0.024) 0.14 ng/ul m

response 7874

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	36.31#
125.00	18.00	26.85#
0.00	0.00	0.00

JU 10/19/21

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 Operator : CG/JU
 Sample : M4029-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.557	152	6868	0.400 ng/ul	0.00
4) Naphthalene-d8	10.339	136	20452	0.400 ng/ul	0.00
9) Acenaphthene-d10	14.209	164	9526	0.400 ng/ul	0.00
13) Phenanthrene-d10	16.946	188	16902	0.400 ng/ul	0.00
17) Chrysene-d12	21.123	240	12154	0.400 ng/ul	-0.01
23) Perylene-d12	23.254	264	12495	0.400 ng/ul	-0.02
System Monitoring Compounds					
3) 1,4-Dioxane-d8	2.924	96	15986	2.077 ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	3120	0.114 ng/ul	0.00
18) Fluoranthene-d10	18.973	212	5305	0.139 ng/ul	0.00
Target Compounds					
				Qvalue	
5) Naphthalene	10.389	128	2127	0.034 ng/ul#	89
7) 2-Methylnaphthalene	12.008	142	1079	0.027 ng/ul	99
10) Acenaphthylene	13.928	152	858	0.021 ng/ul#	81
15) Phenanthrene	16.988	178	11127	0.196 ng/ul	99
16) Anthracene	17.078	178	1349	0.027 ng/ul#	84
19) Fluoranthene	19.004	202	32179	0.535 ng/ul	99
20) Pyrene	19.366	202	29251	0.473 ng/ul	98
21) Benzo(a)anthracene	21.106	228	9478	0.200 ng/ul	98
22) Chrysene	21.157	228	15538	0.297 ng/ul	98
24) Benzo(b)fluoranthene	22.624	252	20878m	0.362 ng/ul	Jc 10/19/21
25) Benzo(k)fluoranthene	22.661	252	7874m	0.137 ng/ul	
26) Benzo(a)pyrene	23.162	252	13117	0.271 ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.360	276	10916	0.185 ng/ul#	
28) Dibenzo(a,h)anthracene	25.355	278	2279	0.049 ng/ul#	
29) Benzo(g,h,i)perylene	26.002	276	10520	0.204 ng/ul	98

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