

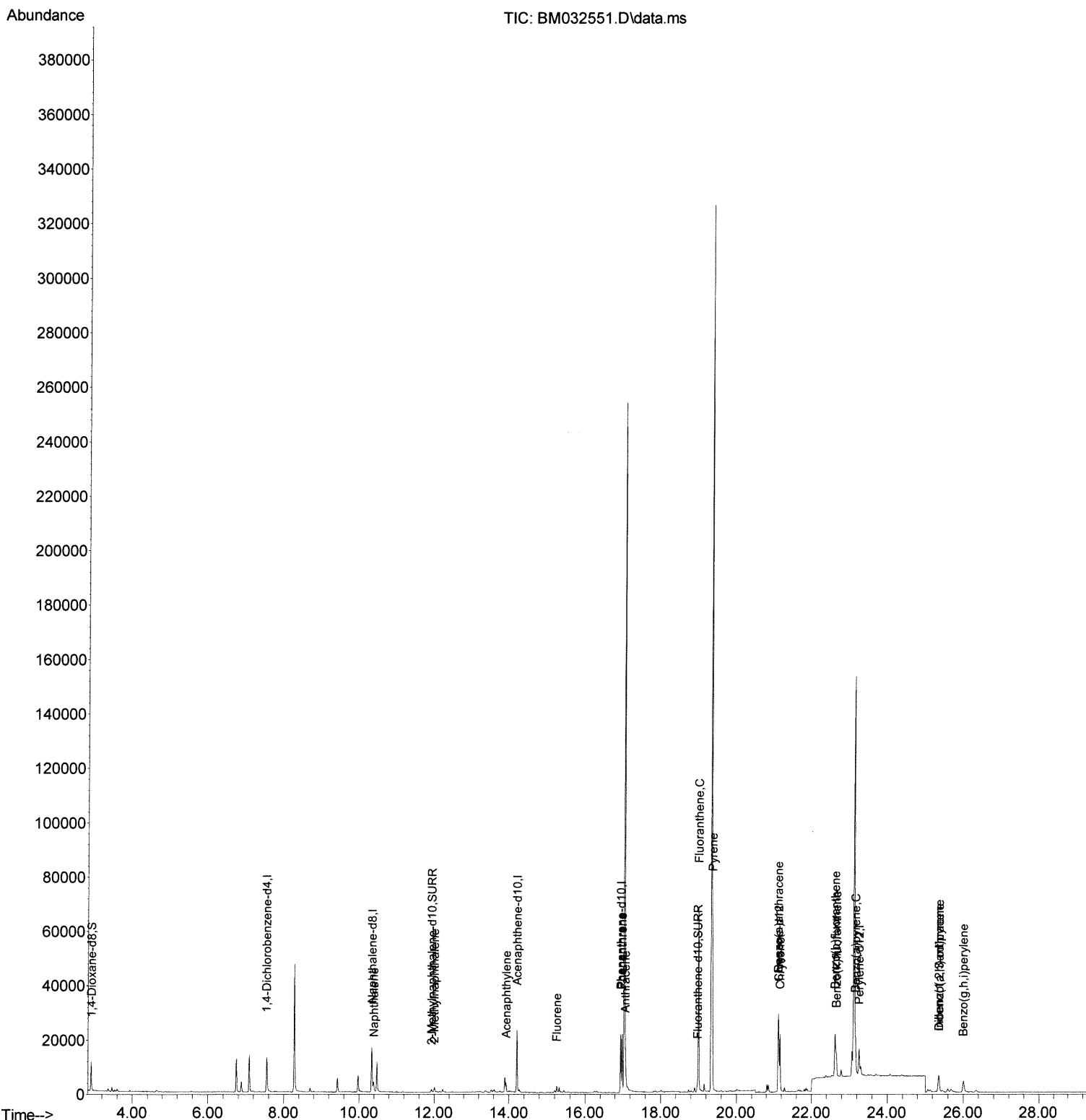
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032551.D
Acq On : 16 Oct 2021 07:10
Operator : CG/JU
Sample : M4029-13DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00R8DL

Manual Integrations
APPROVED

mohammad
10/19/2021 12:07:42 PM

Quant Time: Oct 18 05:27:56 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



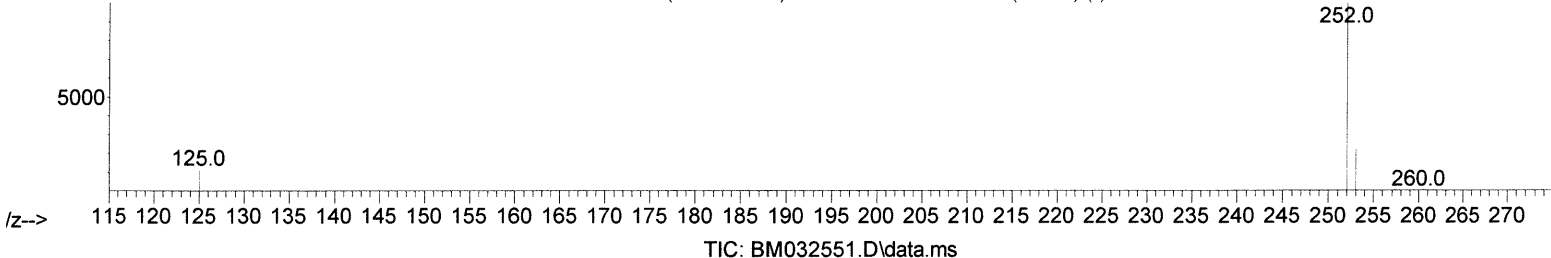
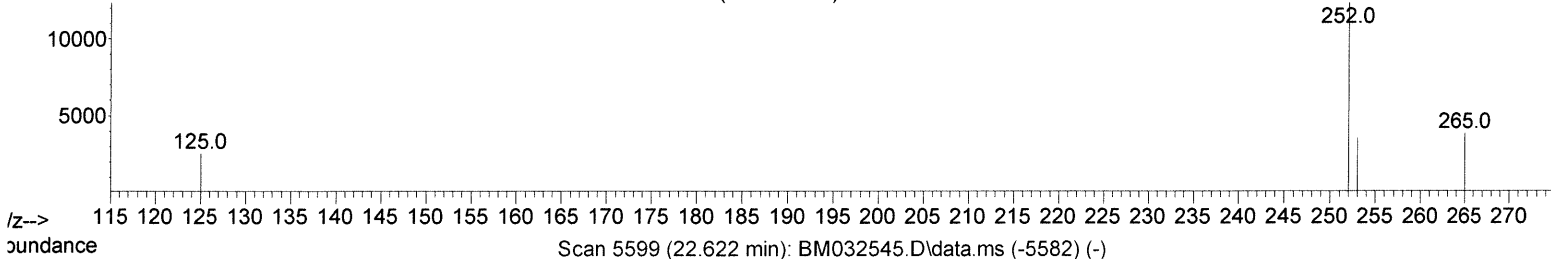
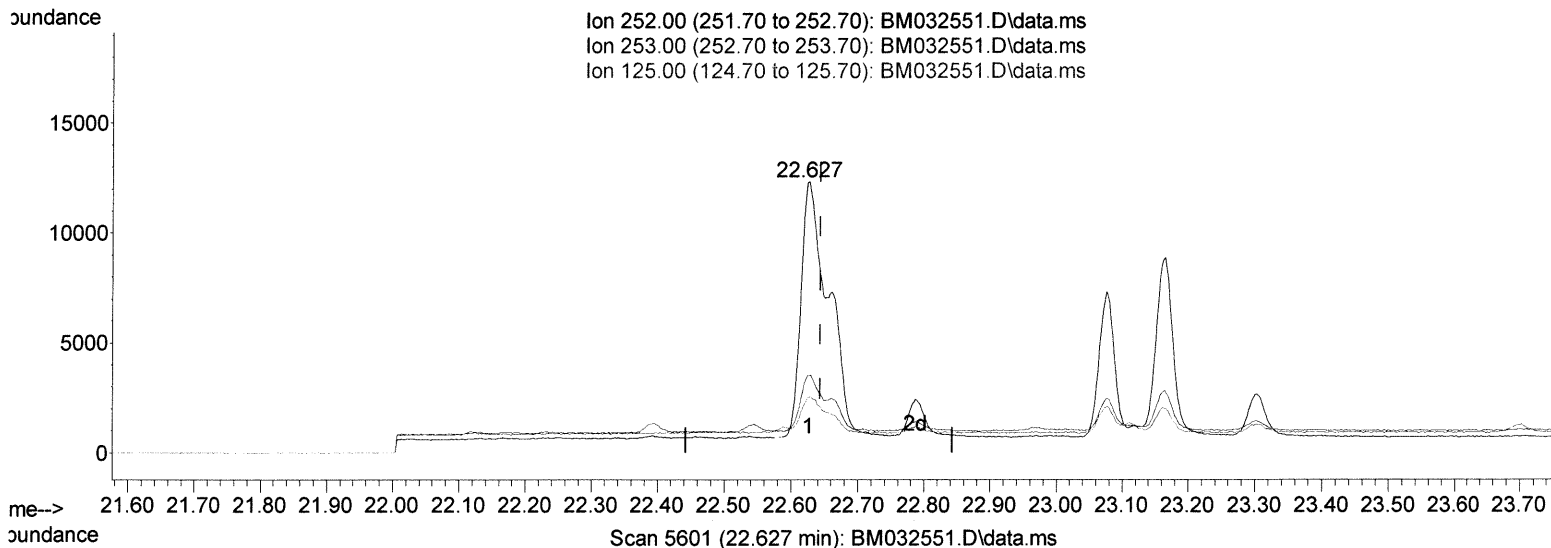
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(24) Benzo(b)fluoranthene

22.627min (-0.017) 0.63 ng/ul

response 33835

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	28.53
125.00	17.80	20.53
0.00	0.00	0.00

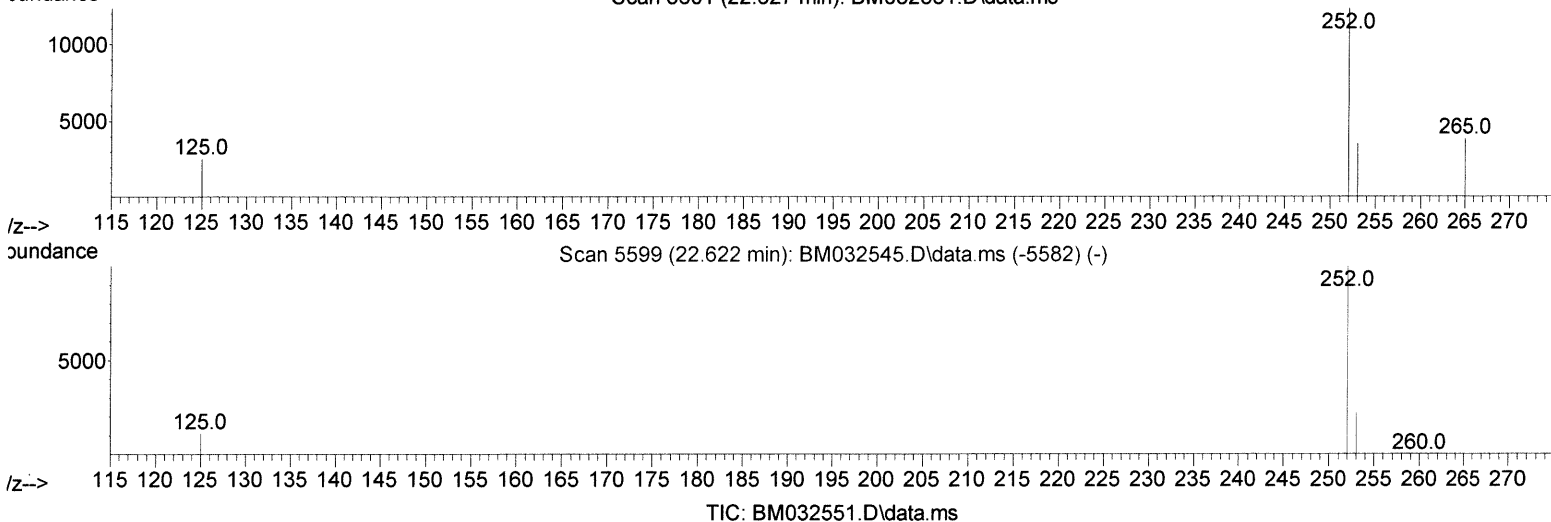
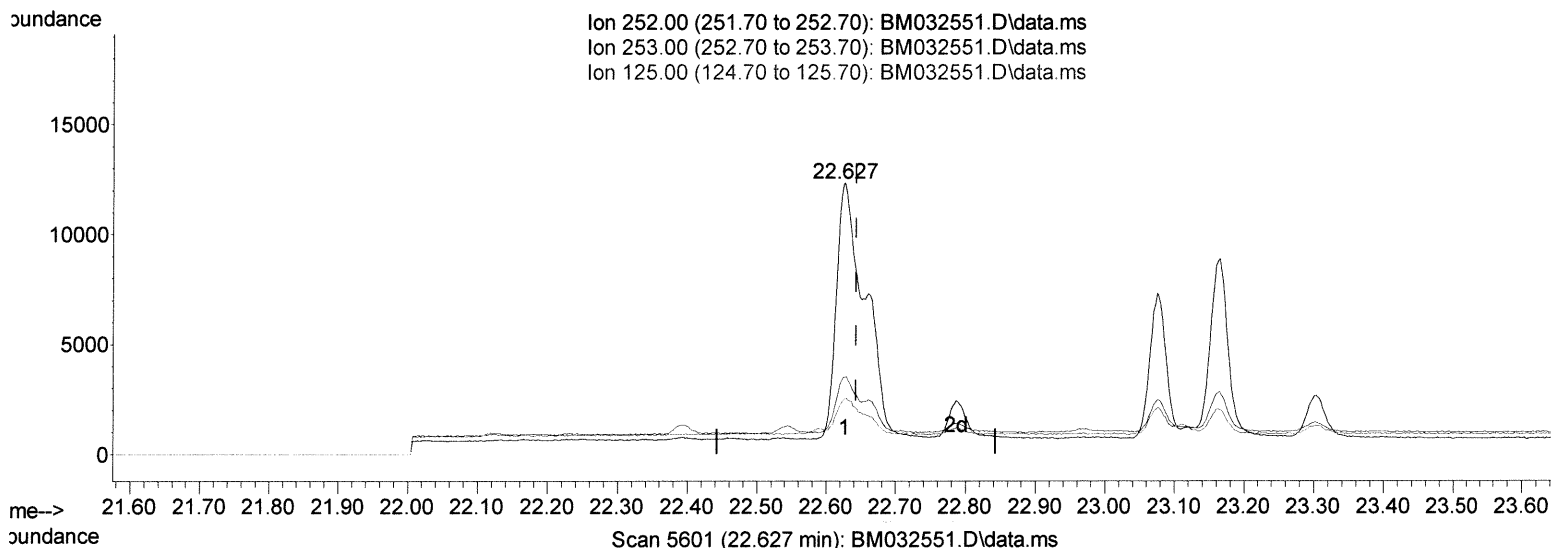
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(24) Benzo(b)fluoranthene

22.627min (-0.017) 0.45 ng/ul m

response 23841

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	28.53
125.00	17.80	20.53
0.00	0.00	0.00

JU 10/19/21

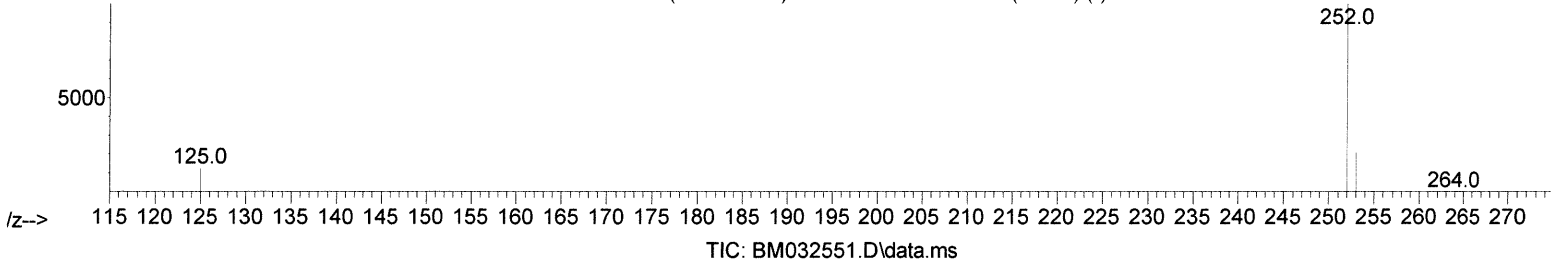
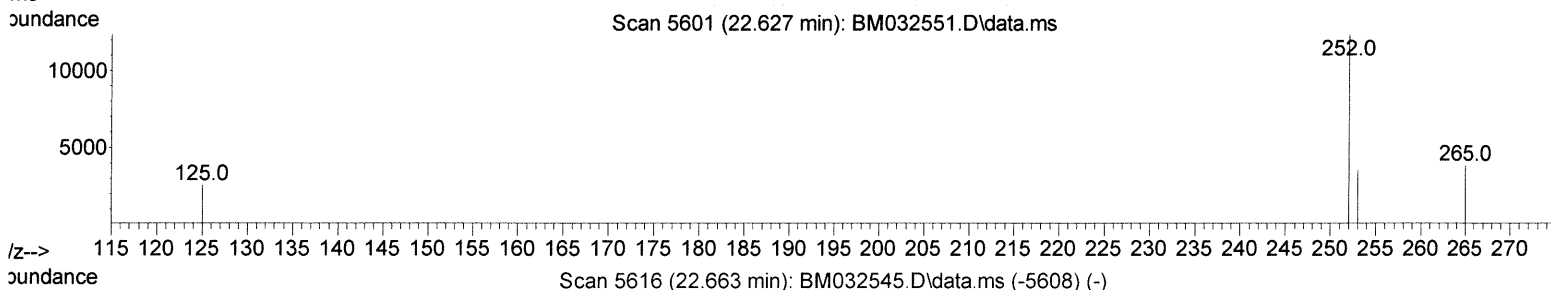
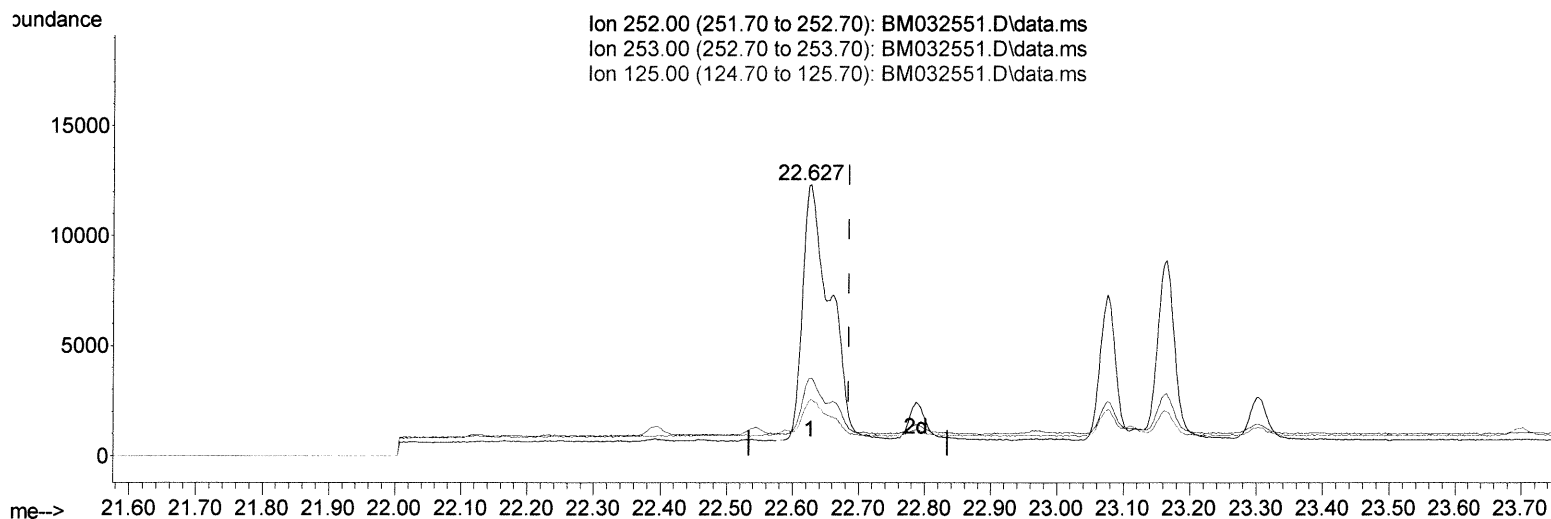
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Instrument :
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Manual Integrations
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(25) Benzo(k)fluoranthene

22.627min (-0.058) 0.64 ng/ul

response 33835

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	28.53
125.00	18.00	20.53
0.00	0.00	0.00

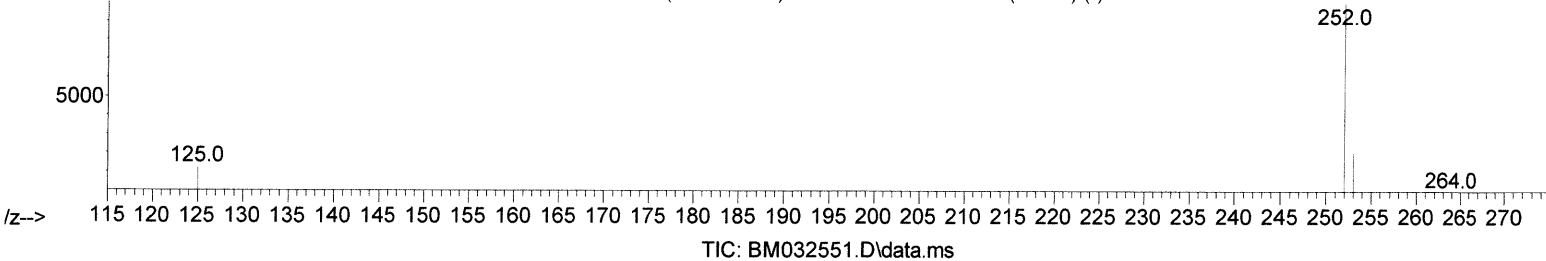
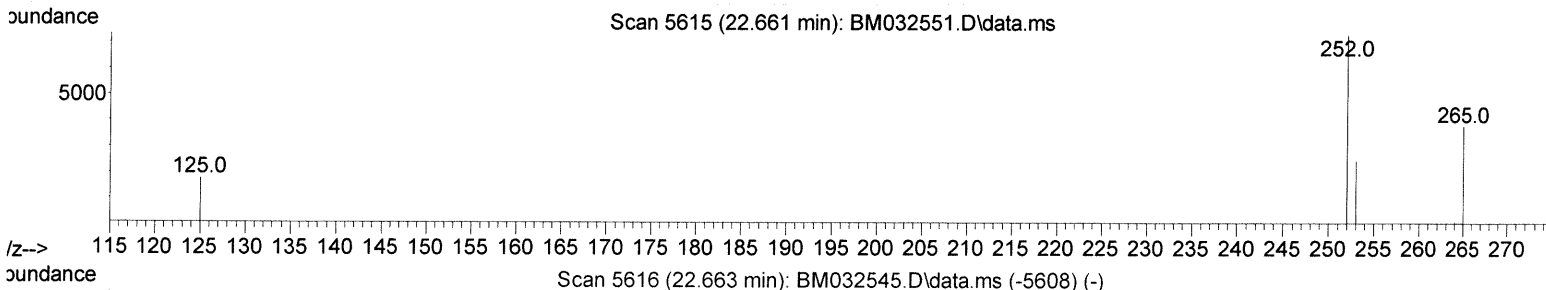
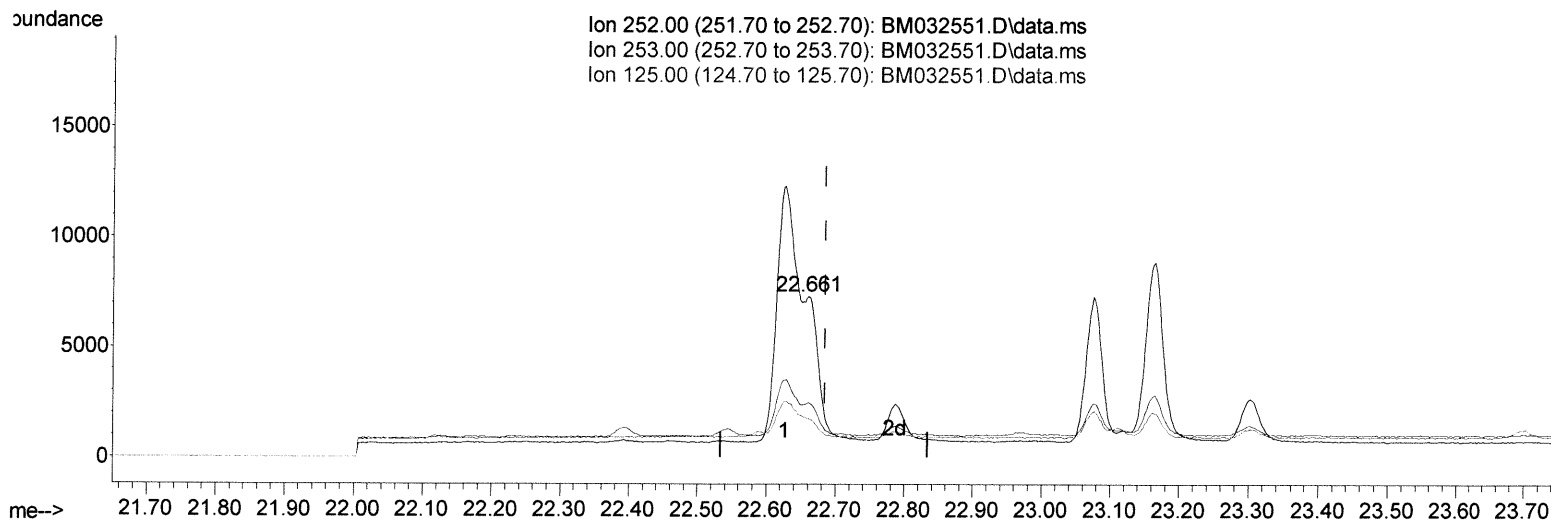
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Instrument :
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Manual Integrations
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(25) Benzo(k)fluoranthene

22.661min (-0.024) 0.19 ng/ul m

response 10010

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	33.82#
125.00	18.00	24.00#
0.00	0.00	0.00

JU 10/19/21

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 Data File : BM032551.D
 Acq On : 16 Oct 2021 07:10
 Operator : CG/JU
 Sample : M4029-13DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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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	7.553	152	7305	0.400	ng/ul	0.00
4) Naphthalene-d8	10.339	136	23328	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	12317	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	24031	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.123	240	14962	0.400	ng/ul	-0.01
23) Perylene-d12	23.259	264	11552	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.924	96	6524	0.797	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	1501	0.048	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	3199	0.068	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.389	128	4875	0.069	ng/ul	97
7) 2-Methylnaphthalene	12.008	142	1472	0.032	ng/ul	98
10) Acenaphthylene	13.928	152	3803	0.072	ng/ul	98
12) Fluorene	15.260	166	1573	0.029	ng/ul#	98
15) Phenanthrene	16.988	178	22179	0.274	ng/ul	100
16) Anthracene	17.075	178	5871	0.083	ng/ul	97
19) Fluoranthene	19.000	202	56686	0.766	ng/ul	100
20) Pyrene	19.362	202	47285	0.621	ng/ul	100
21) Benzo(a)anthracene	21.106	228	20986	0.359	ng/ul	98
22) Chrysene	21.159	228	22047	0.343	ng/ul	98
24) Benzo(b)fluoranthene	22.627	252	23841m	0.447	ng/ul	} Ju 10/19/21
25) Benzo(k)fluoranthene	22.661	252	10010m	0.188	ng/ul	
26) Benzo(a)pyrene	23.164	252	14343	0.321	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.360	276	8930	0.163	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.357	278	2385	0.055	ng/ul#	63
29) Benzo(g,h,i)perylene	25.999	276	7605	0.160	ng/ul	96

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