

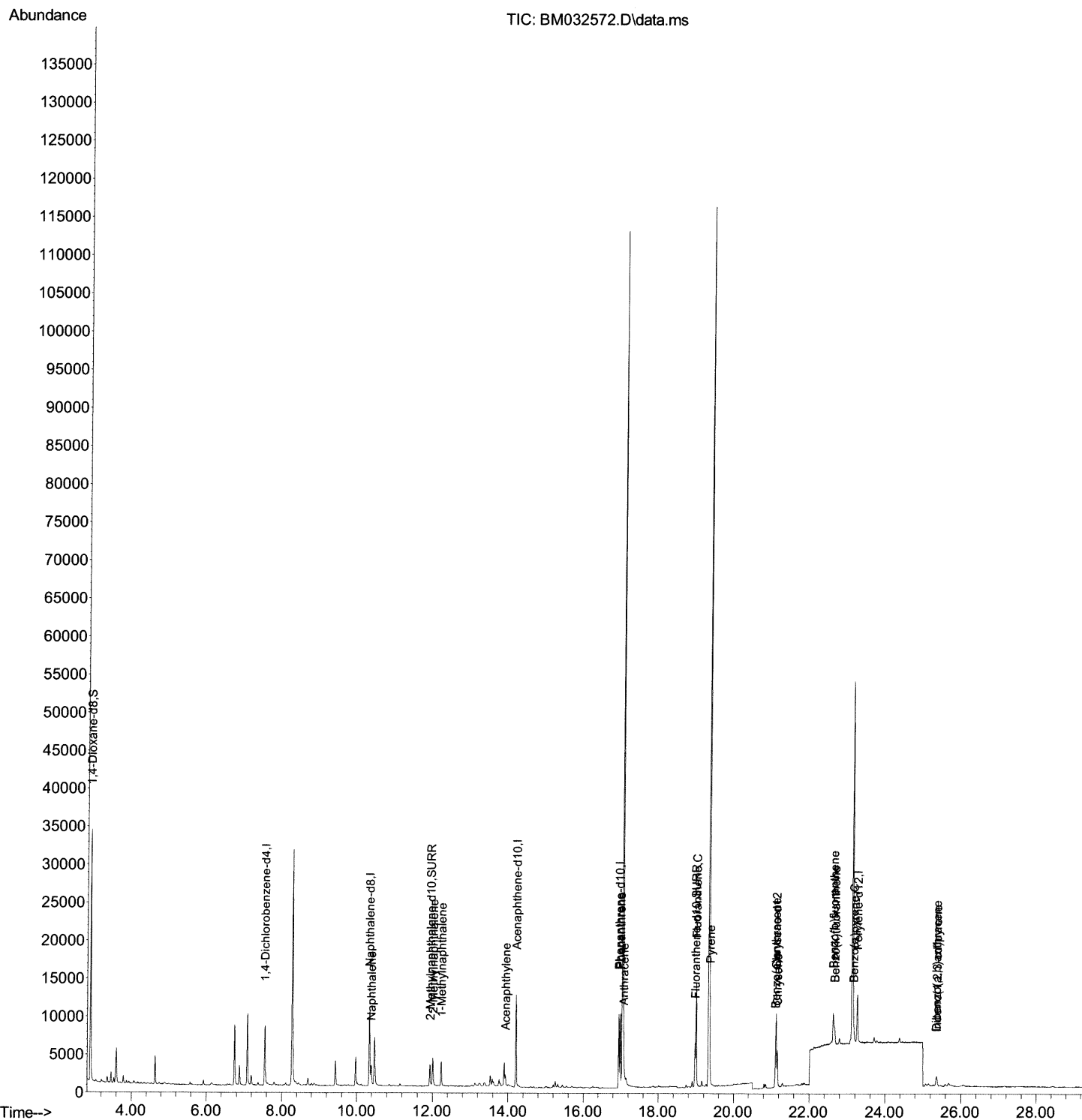
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032572.D
Acq On : 18 Oct 2021 14:19
Operator : CG/JU
Sample : M4181-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B16

Manual Integrations
APPROVED

mohammad
10/19/2021 12:10:37 PM

Quant Time: Oct 18 14:55:27 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 : Mon Oct 18 10:38:29 2021
Response via : Initial Calibration



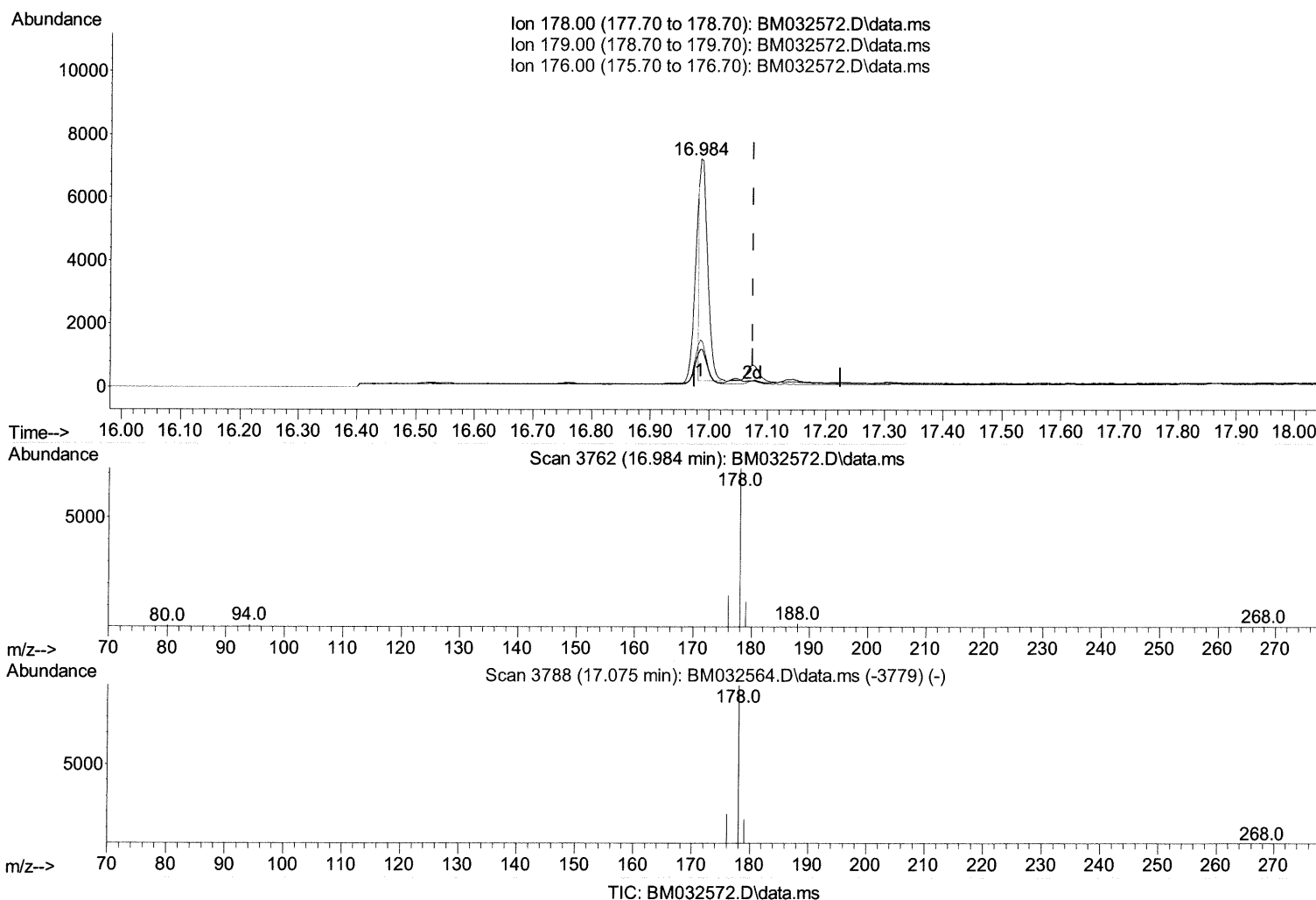
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(16) Anthracene

16.984min (-0.090) 0.19 ng/ul

response 6295

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	16.38
176.00	19.70	20.59
0.00	0.00	0.00

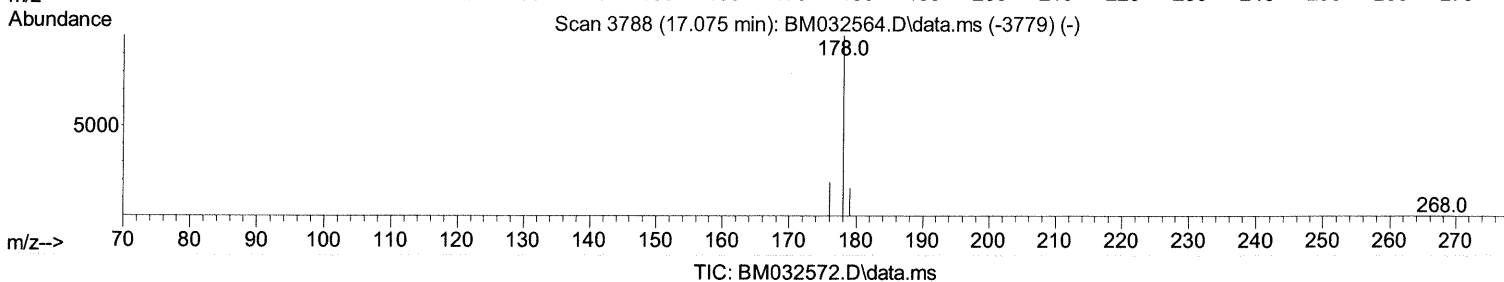
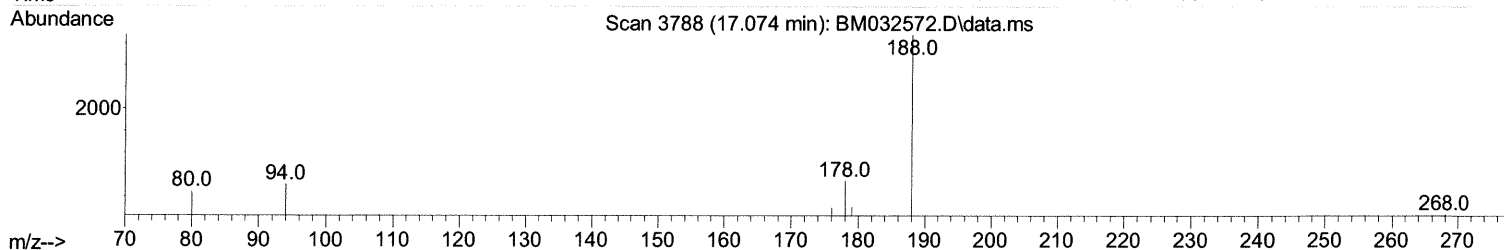
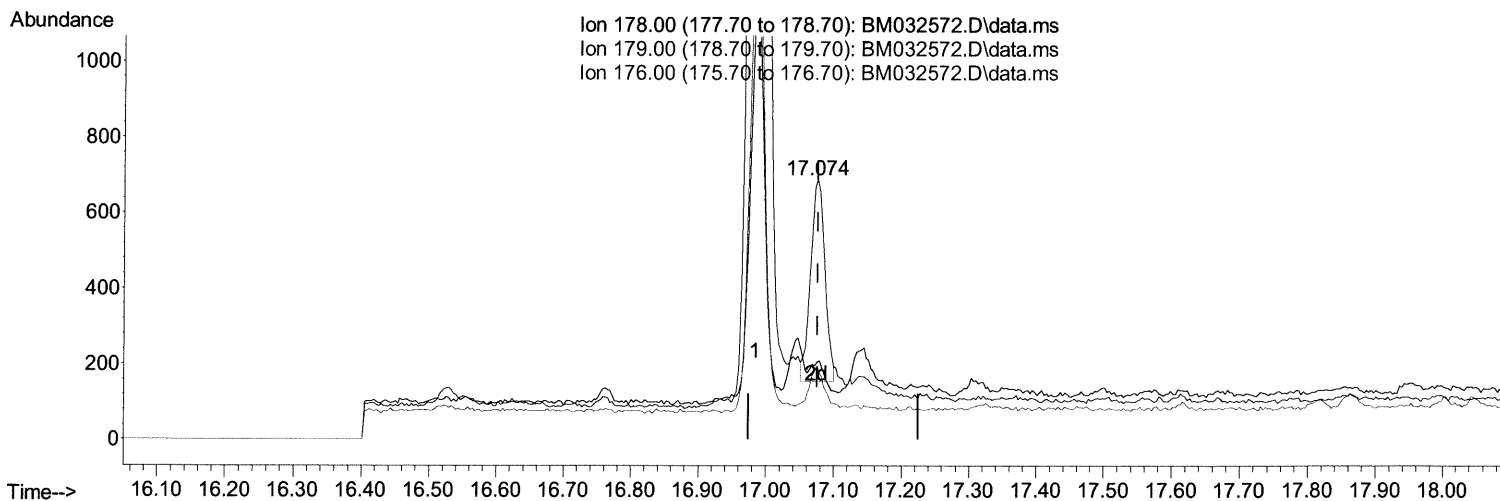
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(16) Anthracene

17.074min (-0.000) 0.02 ng/ul m 10/20/21ju

response 781

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	29.80#
176.00	19.70	28.49#
0.00	0.00	0.00

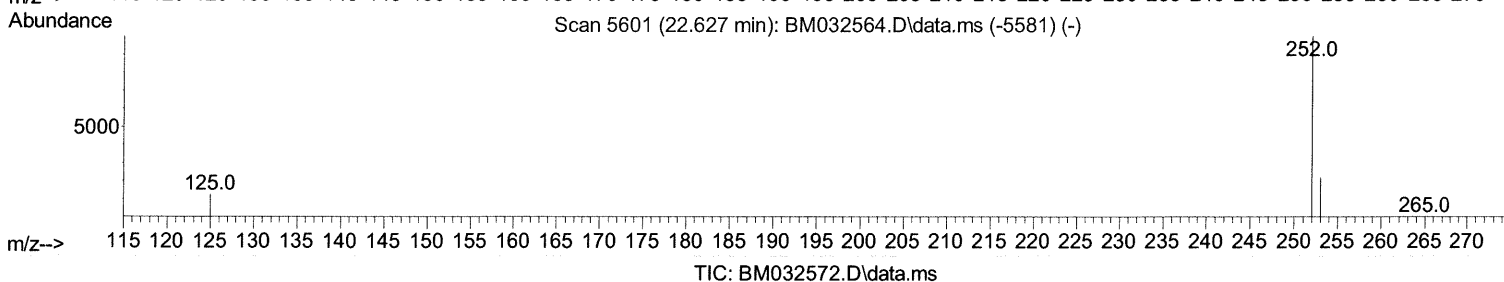
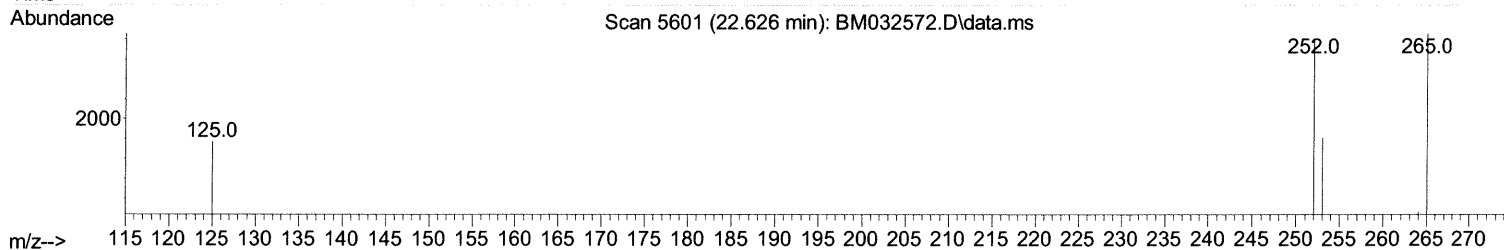
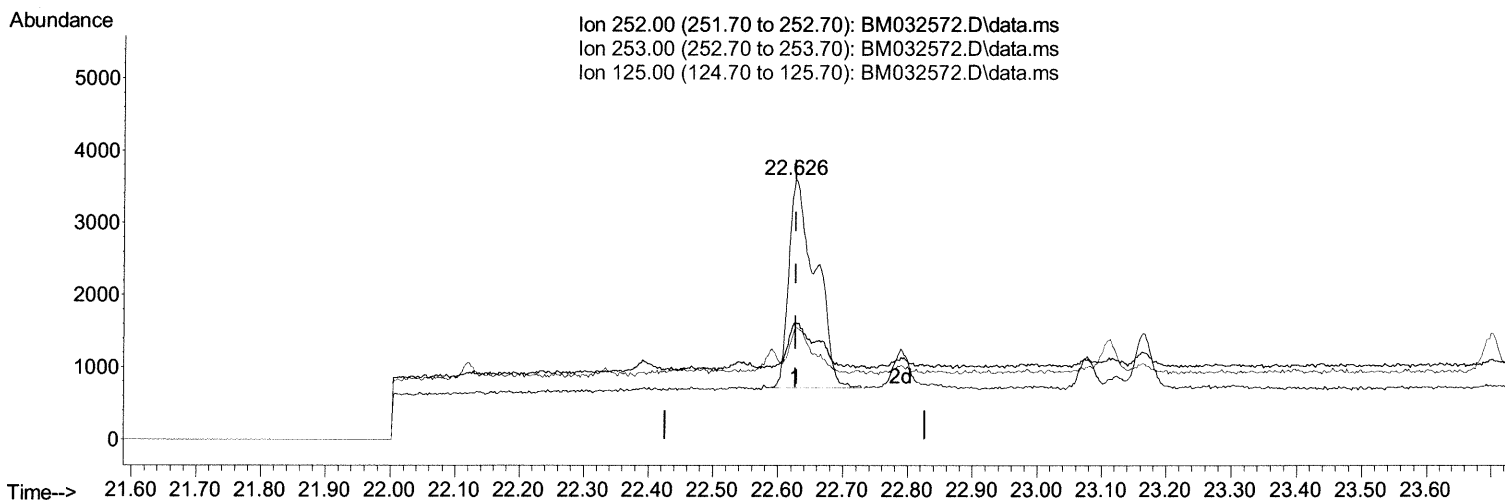
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Misc :
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Instrument :
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TIC: BM032572.D\data.ms

(24) Benzo(b)fluoranthene

22.626min (-0.000) 0.24 ng/ul

response 8301

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	44.87
125.00	17.80	42.87#
0.00	0.00	0.00

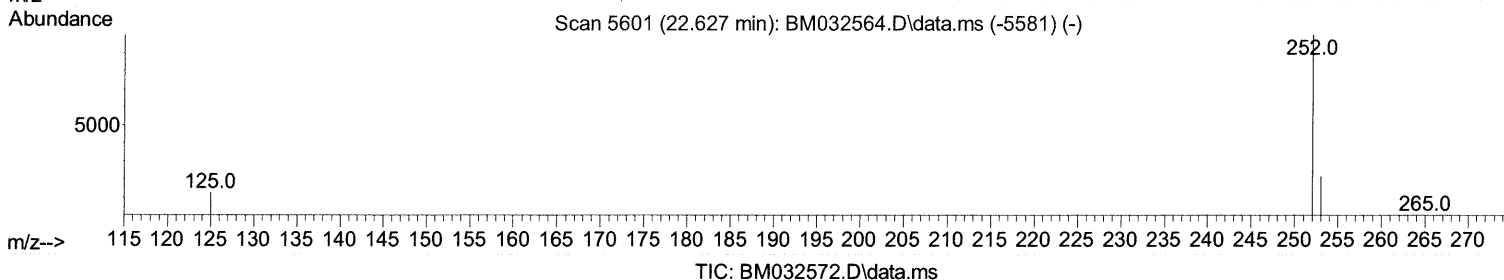
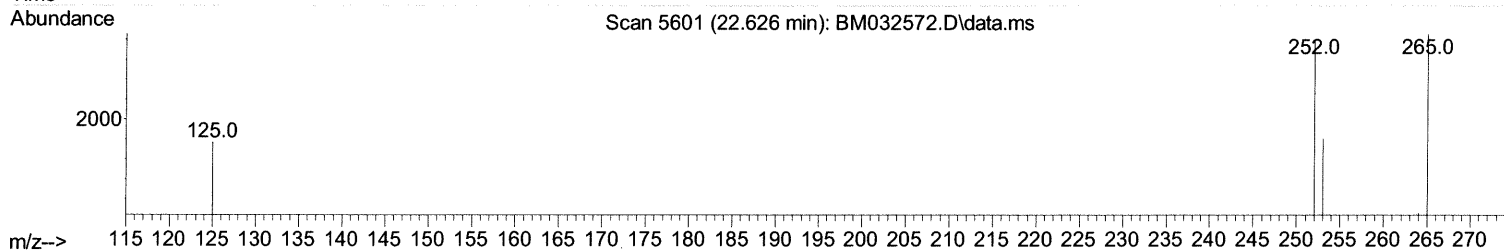
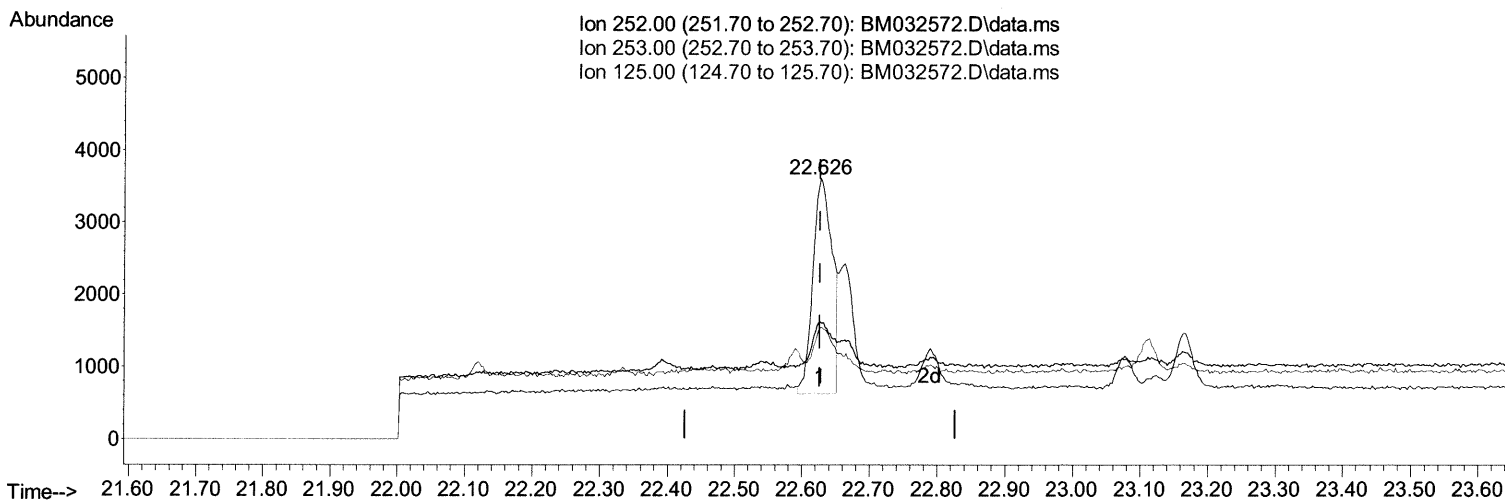
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(24) Benzo (b) fluoranthene

22.626min (-0.000) 0.17 ng/ul m 10/20/21 JU

response 5926

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	44.87
125.00	17.80	42.87#
0.00	0.00	0.00

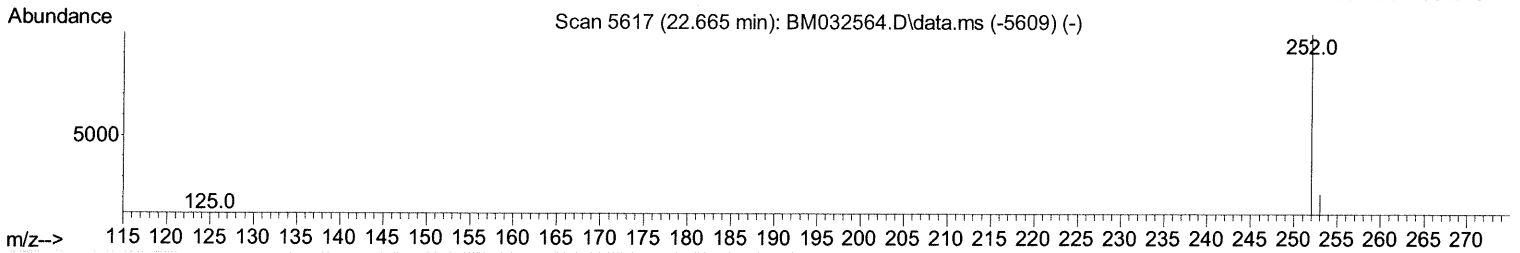
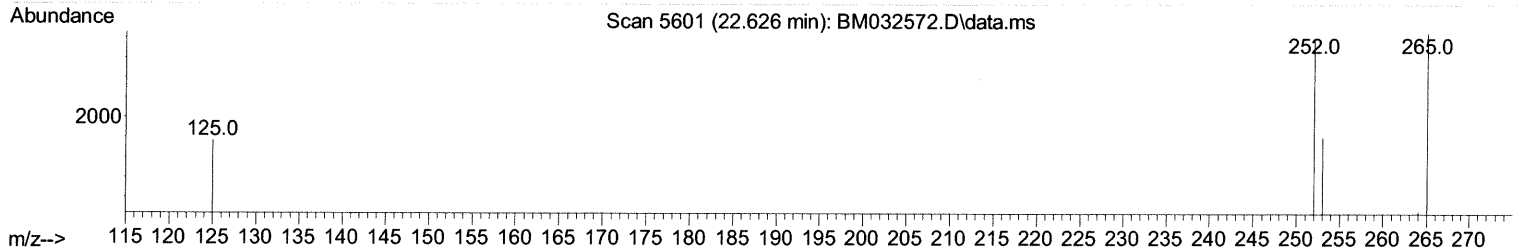
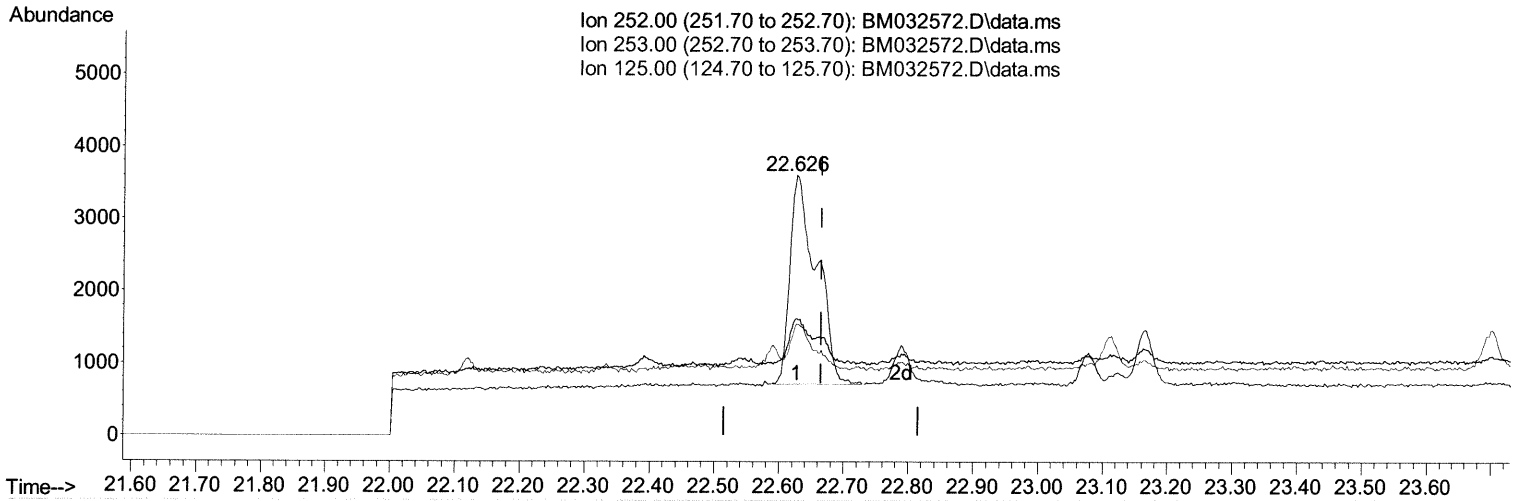
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Sample : M4181-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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TIC: BM032572.D\data.ms

(25) Benzo(k)fluoranthene

22.626min (-0.039) 0.24 ng/ul

response	8301	
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	44.87#
125.00	18.00	42.87#
0.00	0.00	0.00

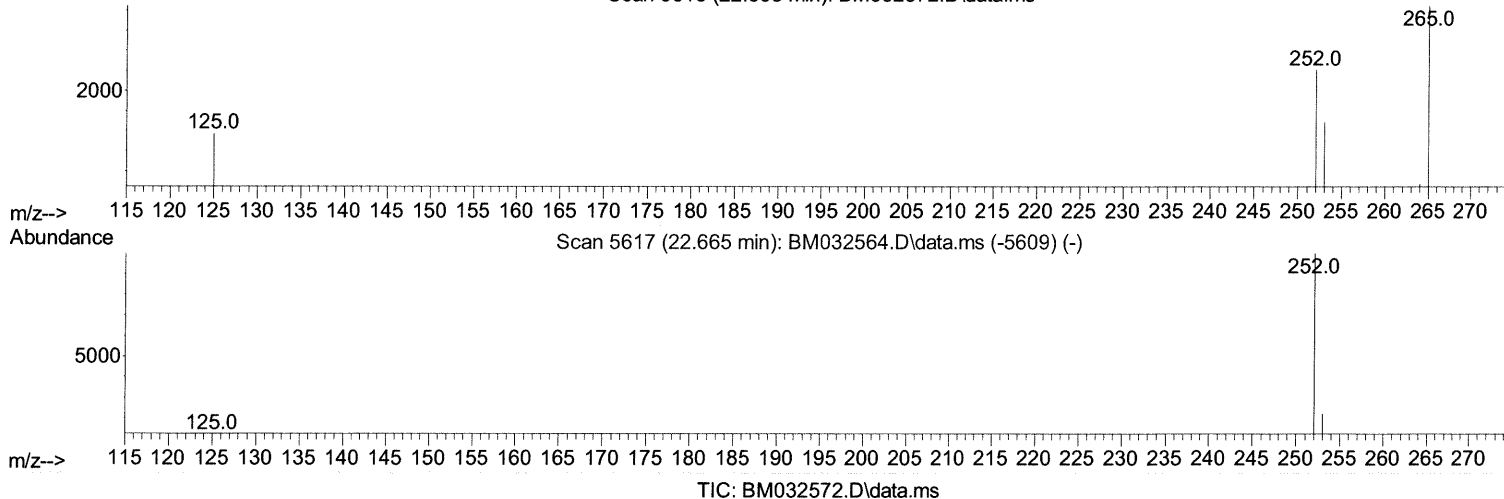
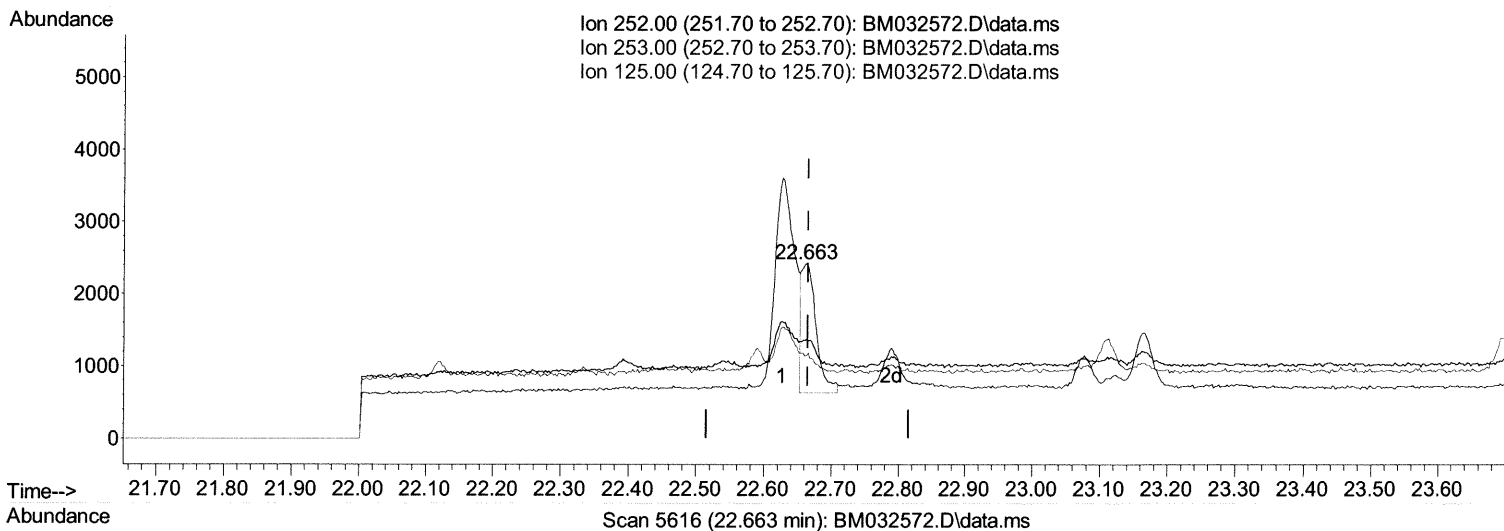
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Data File : BM032572.D
Acq On : 18 Oct 2021 14:19
Operator : CG/JU
Sample : M4181-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B16

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 10:38:29 2021
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(25) Benzo(k)fluoranthene

22.663min (-0.003) 0.08 ng/ul m 10/20/21 JU

response 2676

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	56.52#
125.00	18.00	47.32#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
 Data File : BM032572.D
 Acq On : 18 Oct 2021 14:19
 Operator : CG/JU
 Sample : M4181-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B16

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	4462	0.400	ng/ul	0.00
4) Naphthalene-d8	10.334	136	13927	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	6455	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	10987	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.123	240	7402	0.400	ng/ul	0.00
23) Perylene-d12	23.259	264	7609	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	19645	3.928	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	4222	0.227	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	6023	0.258	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.384	128	3649	0.086	ng/ul#	94
7) 2-Methylnaphthalene	12.008	142	2926	0.106	ng/ul	99
8) 1-Methylnaphthalene	12.232	142	2291	0.084	ng/ul	98
10) Acenaphthylene	13.928	152	1563	0.057	ng/ul#	86
15) Phenanthrene	16.984	178	10224	0.277	ng/ul	99
16) Anthracene	17.074	178	781m	0.024	ng/ul	> 10/20/21 JU
19) Fluoranthene	19.000	202	11594	0.317	ng/ul	98
20) Pyrene	19.362	202	6828	0.181	ng/ul	97
21) Benzo(a)anthracene	21.108	228	2626	0.091	ng/ul#	87
22) Chrysene	21.159	228	4654	0.146	ng/ul#	94
24) Benzo(b)fluoranthene	22.626	252	5926m	0.169	ng/ul	> 10/20/21 JU
25) Benzo(k)fluoranthene	22.663	252	2676m	0.076	ng/ul	>
26) Benzo(a)pyrene	23.164	252	1385	0.047	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.357	276	1647	0.046	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.352	278	625	0.022	ng/ul#	1

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