

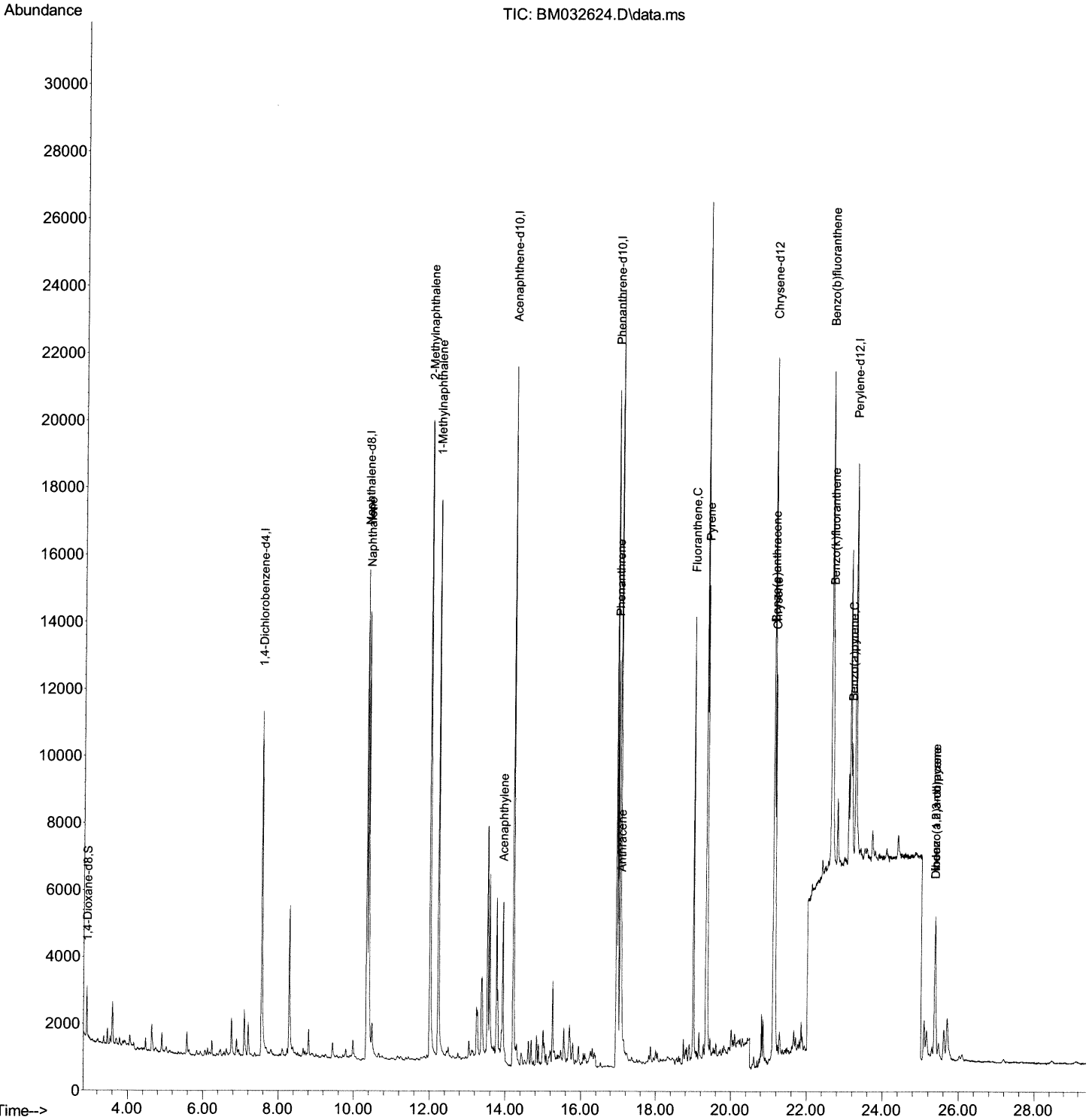
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032624.D
 Acq On : 20 Oct 2021 18:24
 Operator : CG/JU
 Sample : M4181-20DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 C0B29DL

Manual Integrations
 APPROVED

mohammad
 10/21/2021 11:17:02 AM

Quant Time: Oct 21 03:13:28 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 : Wed Oct 20 16:33:56 2021
 Response via : Initial Calibration



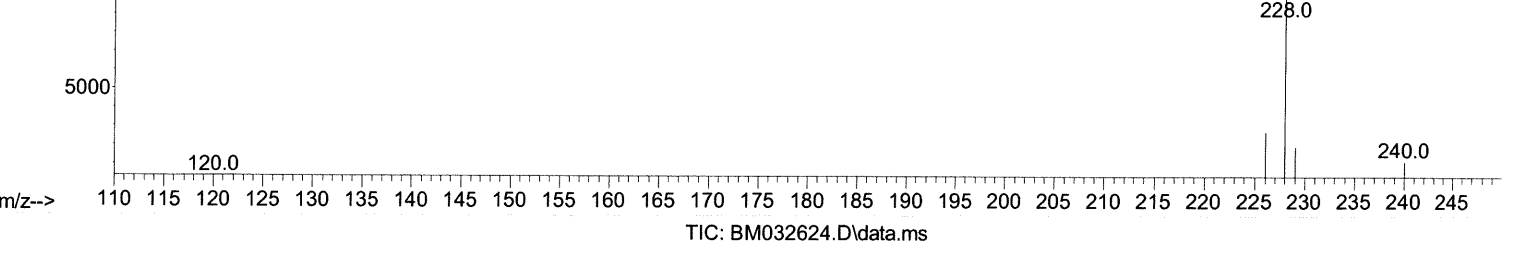
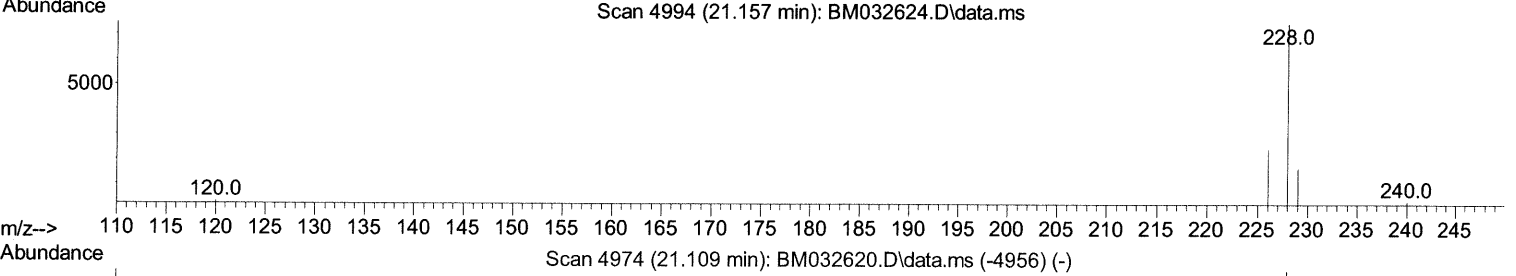
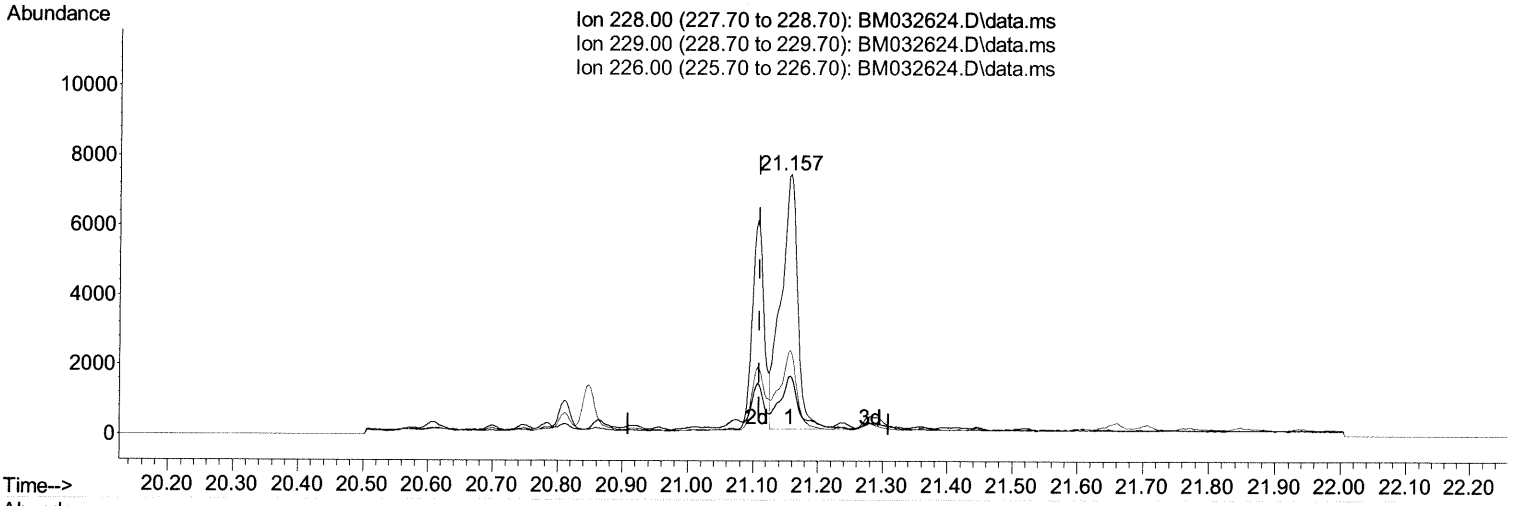
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(21) Benzo (a) anthracene

21.157min (+ 0.048) 0.22 ng/ul

response 13114

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	22.44
226.00	28.00	32.46
0.00	0.00	0.00

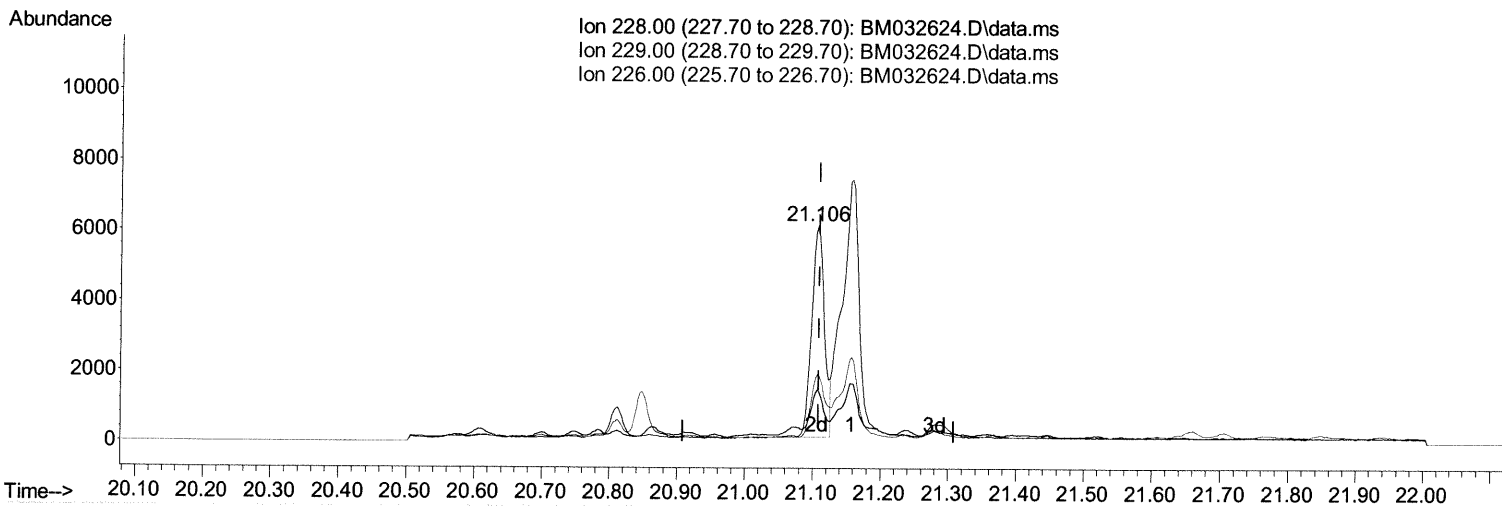
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 Misc :
 ALS Vial : 43 Sample Multiplier: 1

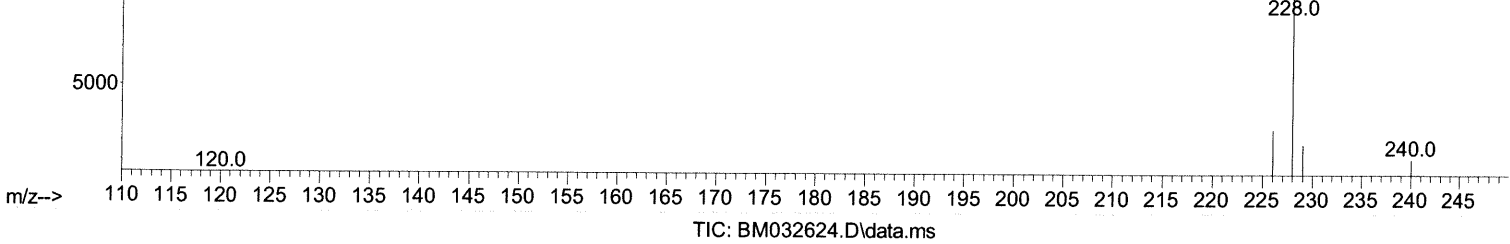
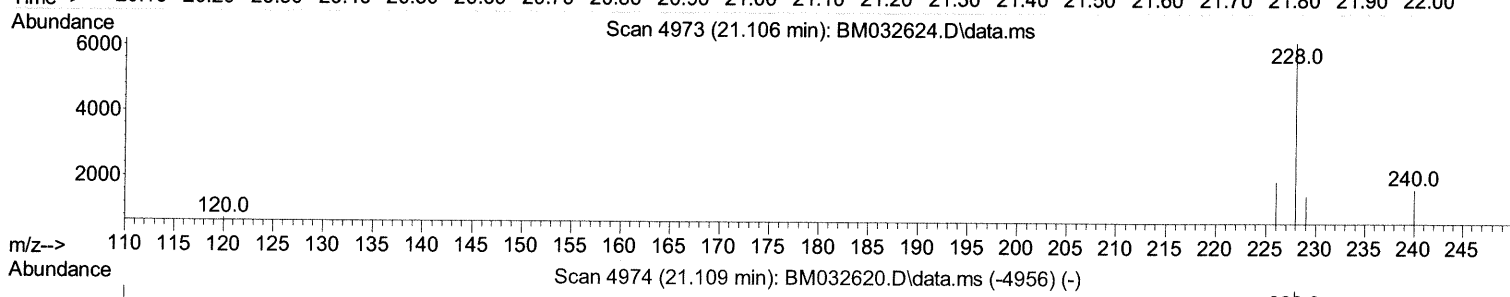
Instrument :
 BNA_M
 ClientSampled :
 C0B29DL

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Ion 228.00 (227.70 to 228.70): BM032624.D\data.ms
 Ion 229.00 (228.70 to 229.70): BM032624.D\data.ms
 Ion 226.00 (225.70 to 226.70): BM032624.D\data.ms



(21) Benzo(a)anthracene

21.106min (-0.002) 0.13 ng/ul m 10/22/21 JU

response 7778

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	24.18#
226.00	28.00	31.52
0.00	0.00	0.00

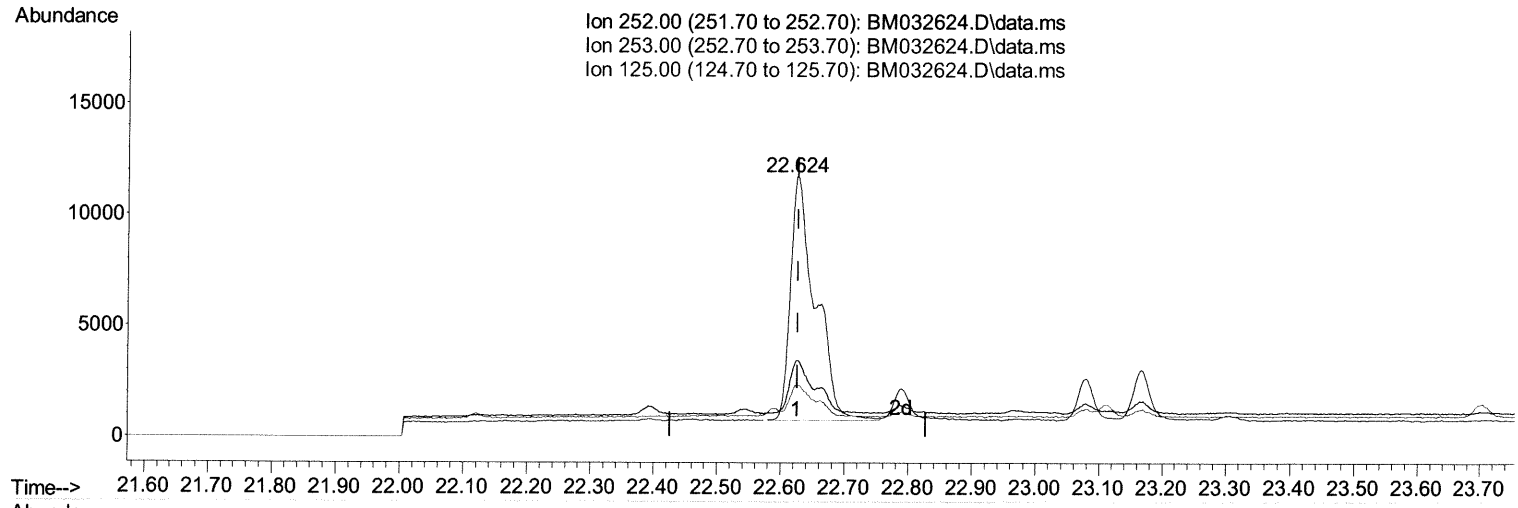
Quantitation Report (Qedit)

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 Data File : BM032624.D
 Acq On : 20 Oct 2021 18:24
 Operator : CG/JU
 Sample : M4181-20DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

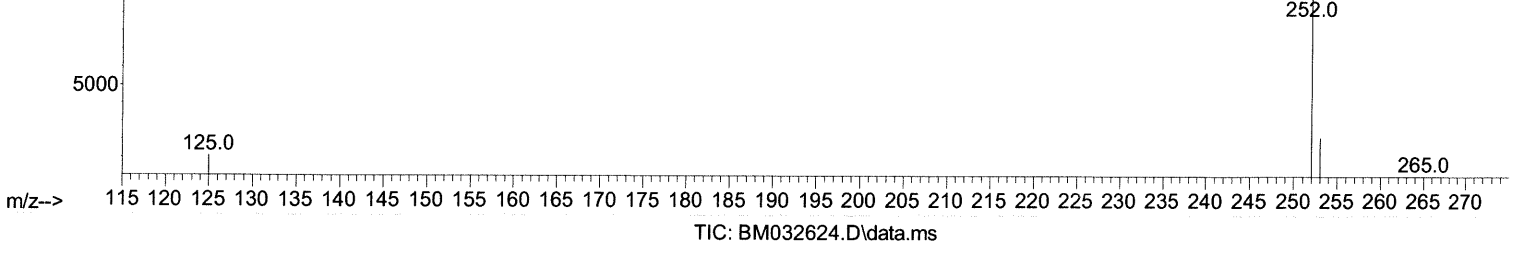
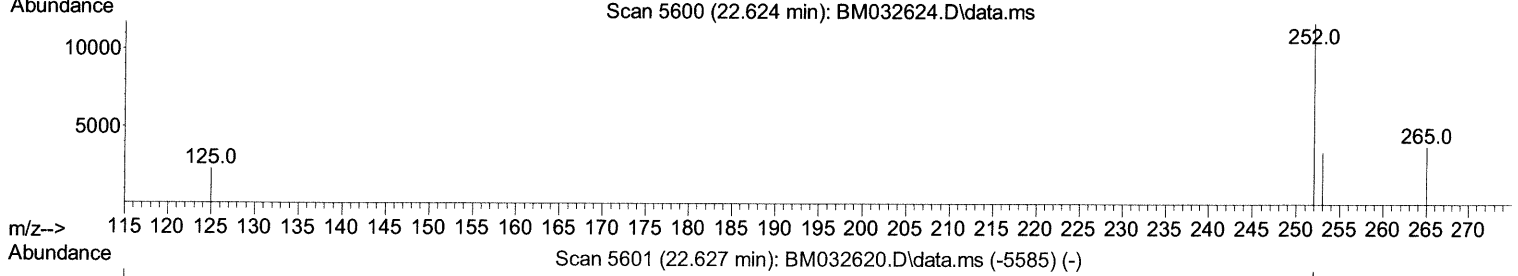
Instrument :
 BNA_M
ClientSampleId :
 C0B29DL

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Ion 252.00 (251.70 to 252.70): BM032624.D\data.ms
 Ion 253.00 (252.70 to 253.70): BM032624.D\data.ms
 Ion 125.00 (124.70 to 125.70): BM032624.D\data.ms



(24) Benzo (b) fluoranthene

22.624min (-0.002) 0.44 ng/ul

response	30014	
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	29.41
125.00	17.80	19.54
0.00	0.00	0.00

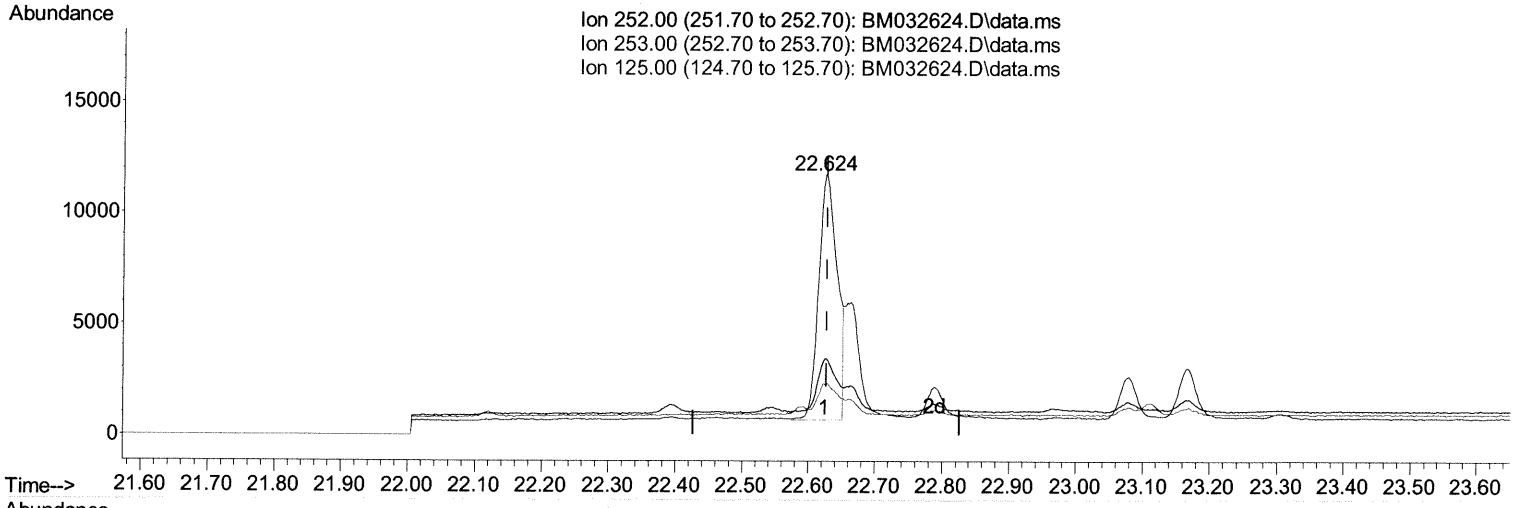
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Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032624.D
 Acq On : 20 Oct 2021 18:24
 Operator : CG/JU
 Sample : M4181-20DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

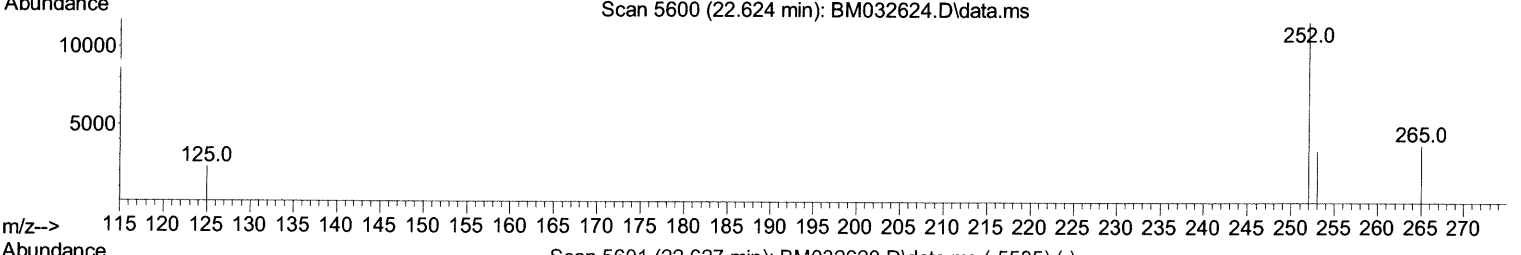
Instrument :
 BNA_M
 ClientSampleId :
 C0B29DL

Manual Integrations
APPROVED
 mohammad
 10/21/2021 11:17:02 AM

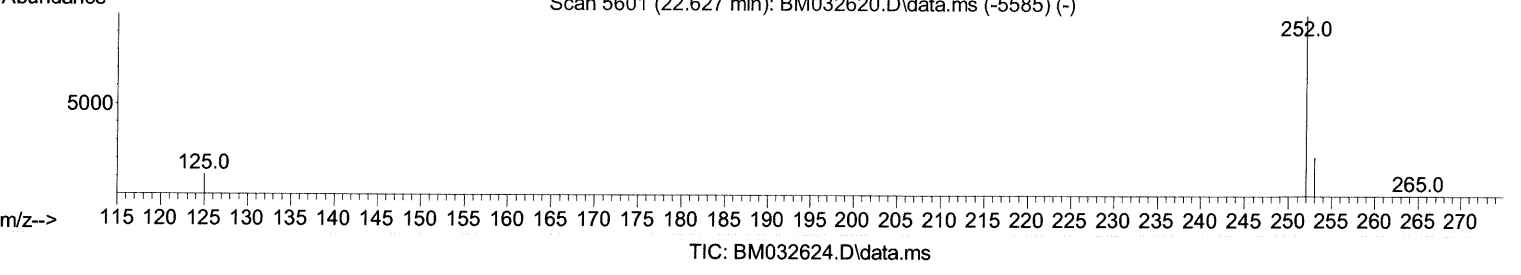
Quant Time: Oct 21 03:13:28 2021
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Ion 252.00 (251.70 to 252.70): BM032624.D\data.ms
 Ion 253.00 (252.70 to 253.70): BM032624.D\data.ms
 Ion 125.00 (124.70 to 125.70): BM032624.D\data.ms



Scan 5600 (22.624 min): BM032624.D\data.ms



Scan 5601 (22.627 min): BM032620.D\data.ms (-5585) (-)

TIC: BM032624.D\data.ms

(24) Benzo(b)fluoranthene

22.624min (-0.002) 0.32 ng/ul m 10/22/21 JU

response	21276	
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	29.41
125.00	17.80	19.54
0.00	0.00	0.00

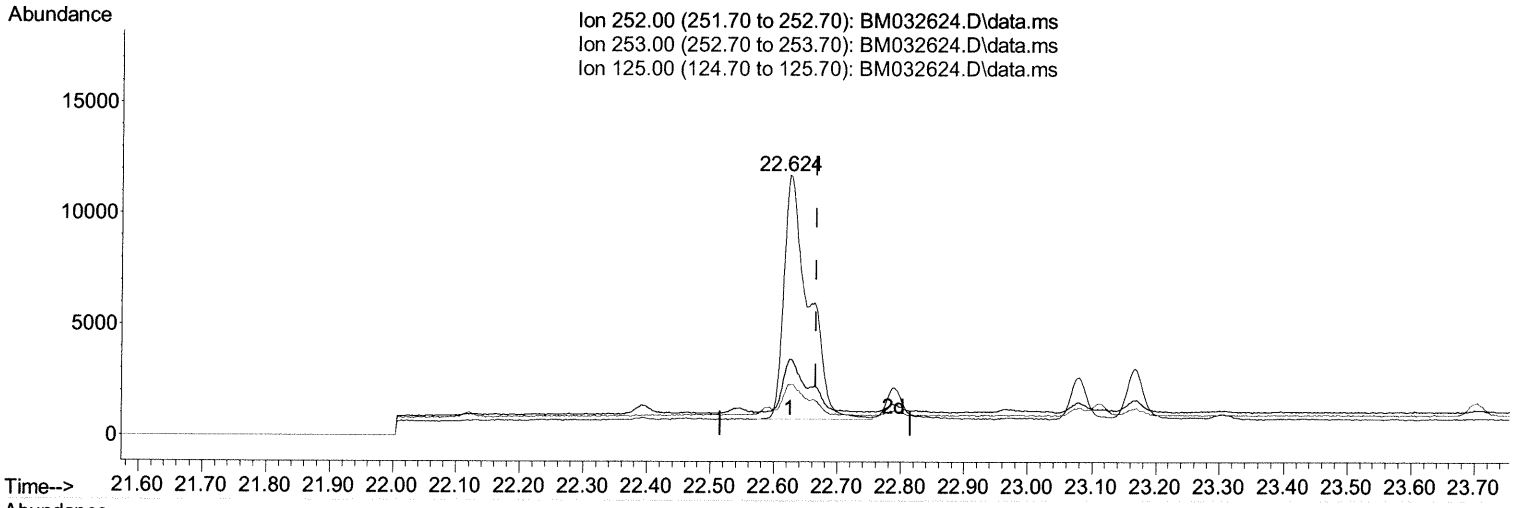
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032624.D
 Acq On : 20 Oct 2021 18:24
 Operator : CG/JU
 Sample : M4181-20DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

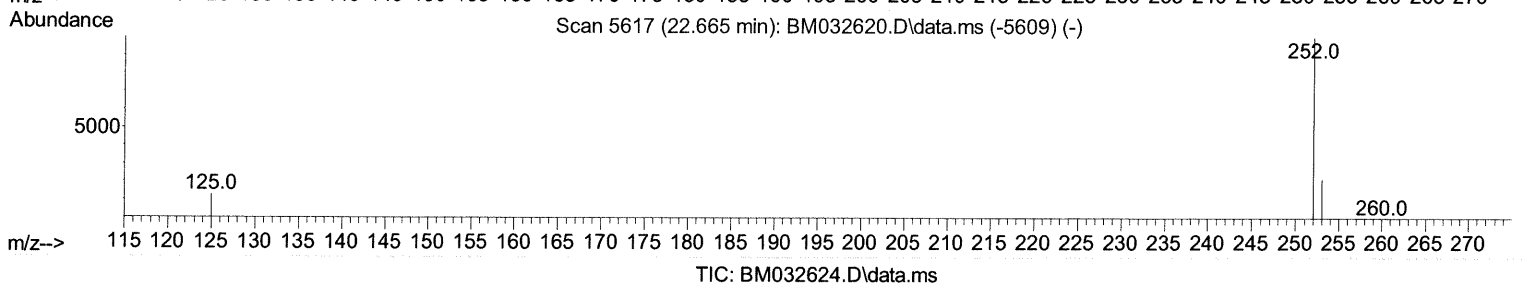
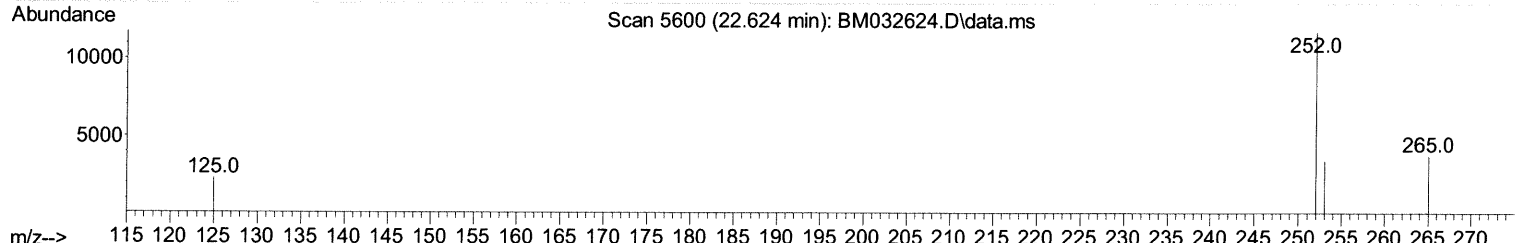
Instrument :
 BNA_M
ClientSampled :
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Manual Integrations
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 10/21/2021 11:17:02 AM

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Ion 252.00 (251.70 to 252.70): BM032624.D\data.ms
 Ion 253.00 (252.70 to 253.70): BM032624.D\data.ms
 Ion 125.00 (124.70 to 125.70): BM032624.D\data.ms



(25) Benzo(k)fluoranthene

22.624min (-0.041) 0.45 ng/ul

response	30014
Ion	Exp% Act%
252.00	100.00 100.00
253.00	27.20 29.41
125.00	18.00 19.54
0.00	0.00 0.00

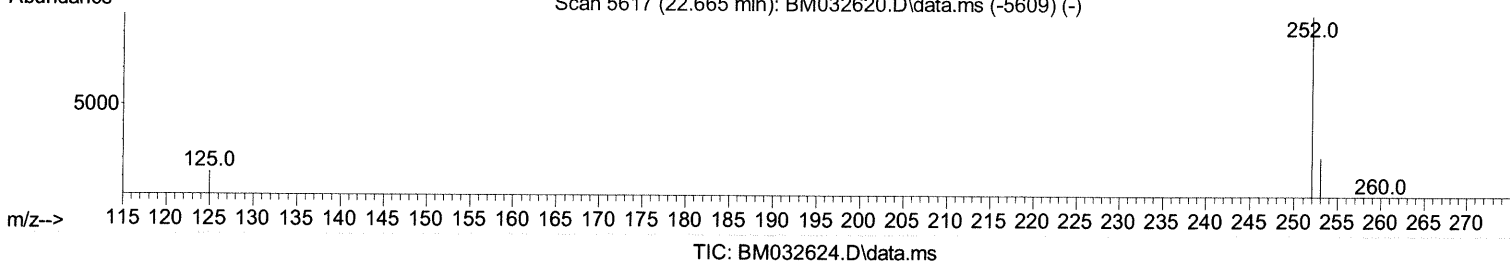
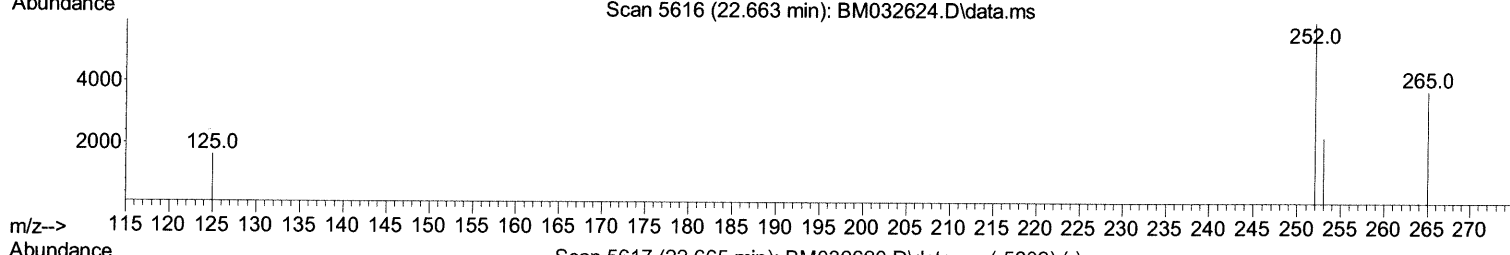
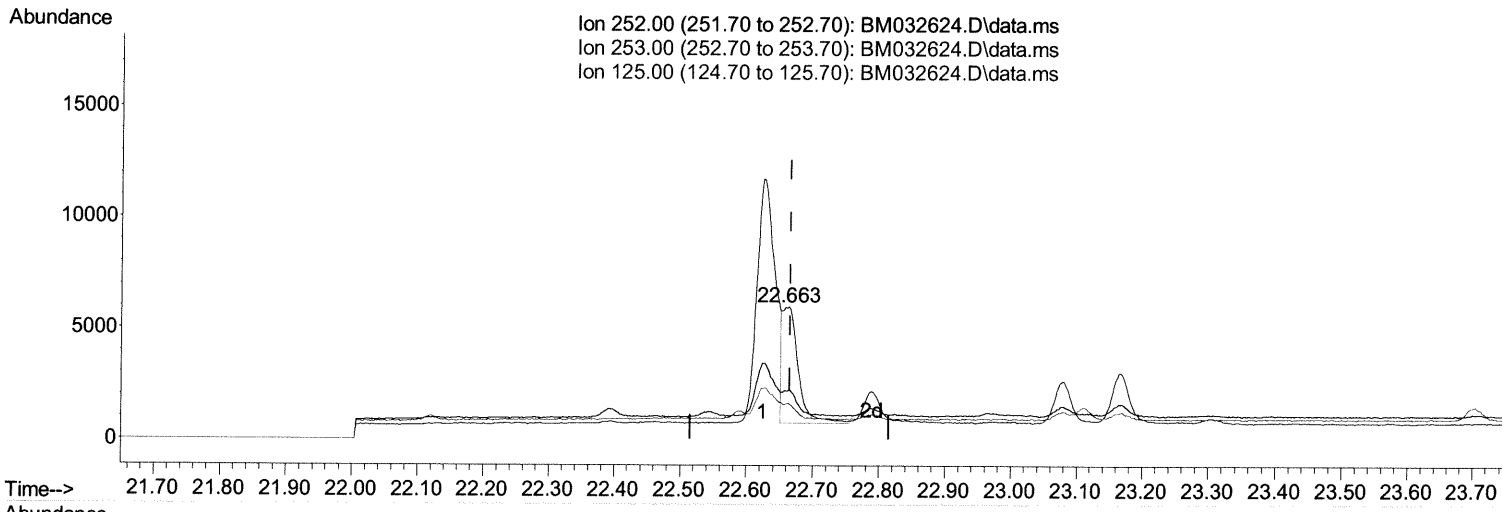
Quantitation Report (Qedit)

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 Data File : BM032624.D
 Acq On : 20 Oct 2021 18:24
 Operator : CG/JU
 Sample : M4181-20DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B29DL

Manual Integrations
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 mohammad
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(25) Benzo(k)fluoranthene

22.663min (-0.002) 0.13 ng/ul m *10/20/21 JU*

response	8900
Ion	Exp% Act%
252.00	100.00 100.00
253.00	27.20 37.39#
125.00	18.00 27.06#
0.00	0.00 0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032624.D
 Acq On : 20 Oct 2021 18:24
 Operator : CG/JU
 Sample : M4181-20DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 C0B29DL

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	6047	0.400 ng/ul	0.00
4) Naphthalene-d8	10.339	136	20671	0.400 ng/ul	0.00
9) Acenaphthene-d10	14.209	164	11147	0.400 ng/ul	0.00
13) Phenanthrene-d10	16.943	188	23443	0.400 ng/ul	# 0.00
17) Chrysene-d12	21.123	240	15598	0.400 ng/ul	0.00
23) Perylene-d12	23.261	264	14612	0.400 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	2.924	96	930	0.137 ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	215	0.008 ng/ul	0.00
18) Fluoranthene-d10	18.970	212	371	0.008 ng/ul	0.00
Target Compounds					
					Qvalue
5) Naphthalene	10.389	128	19200	0.306 ng/ul	99
7) 2-Methylnaphthalene	12.012	142	15845	0.386 ng/ul	99
8) 1-Methylnaphthalene	12.233	142	12167	0.300 ng/ul	99
10) Acenaphthylene	13.928	152	3314	0.070 ng/ul	94
15) Phenanthrene	16.984	178	12646	0.160 ng/ul	99
16) Anthracene	17.075	178	3208	0.046 ng/ul#	91
19) Fluoranthene	19.000	202	11401	0.148 ng/ul	97
20) Pyrene	19.362	202	11141	0.140 ng/ul	99
21) Benzo(a)anthracene	21.106	228	7778m >	0.128 ng/ul >	10/22/21 JU
22) Chrysene	21.157	228	13072	0.195 ng/ul	96
24) Benzo(b)fluoranthene	22.624	252	21276m >	0.315 ng/ul >	10/22/21 JU
25) Benzo(k)fluoranthene	22.663	252	8900m >	0.132 ng/ul >	10/22/21 JU
26) Benzo(a)pyrene	23.167	252	4209	0.074 ng/ul#	58
27) Indeno(1,2,3-cd)pyrene	25.364	276	5823	0.084 ng/ul#	90
28) Dibenzo(a,h)anthracene	25.360	278	2419	0.044 ng/ul#	58

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