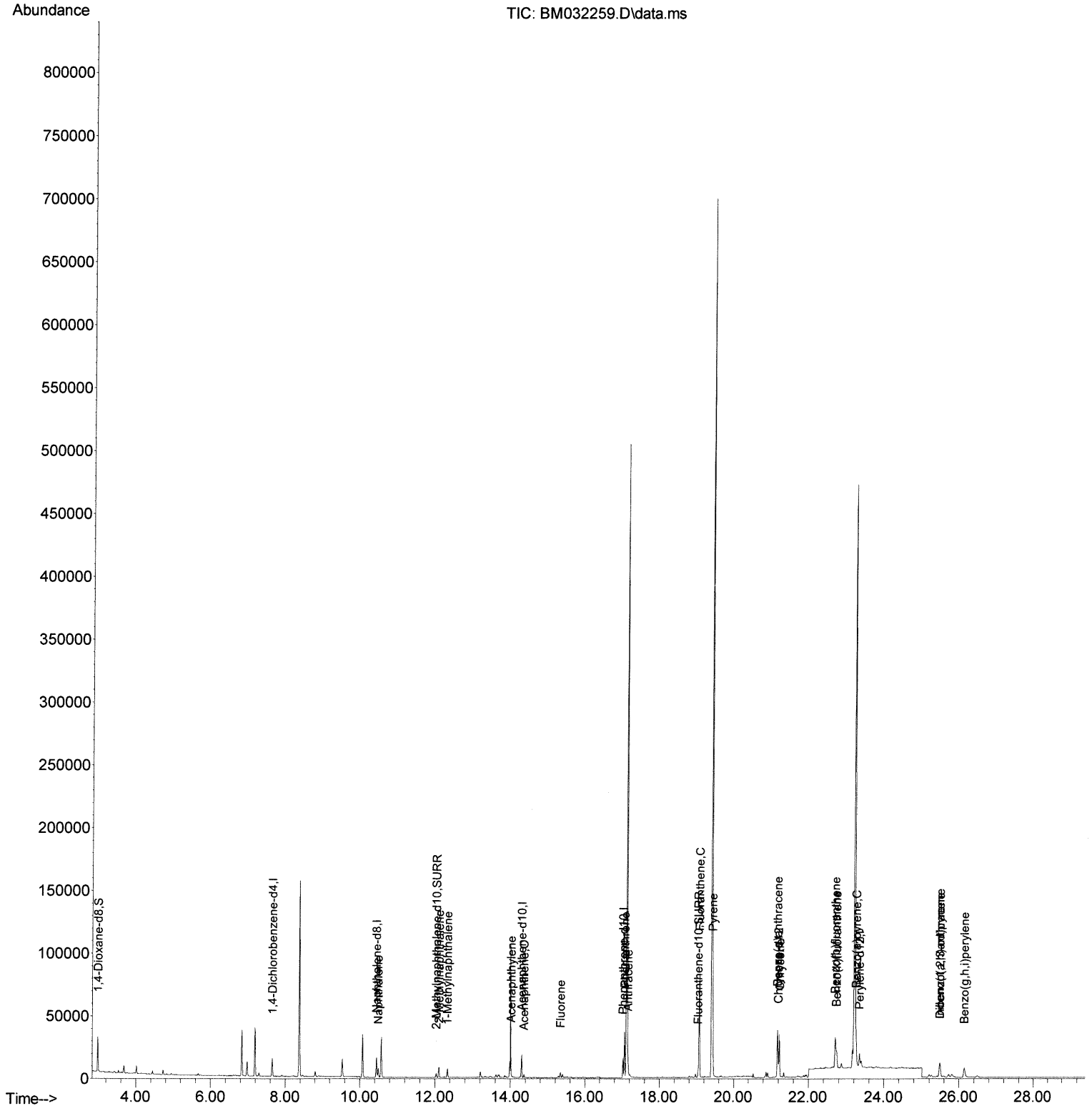
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
Data File : BM032259.D
Acq On : 29 Sep 2021 03:05
Operator : CG/JU
Sample : M3755-07
Misc :
ALS Vial : 64 Sample Multiplier: 1

Quant Time: Sep 29 06:13:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 27 13:37:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AL2

Manual Integrations APPROVED
mohammad
9/29/2021 12:52:50 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
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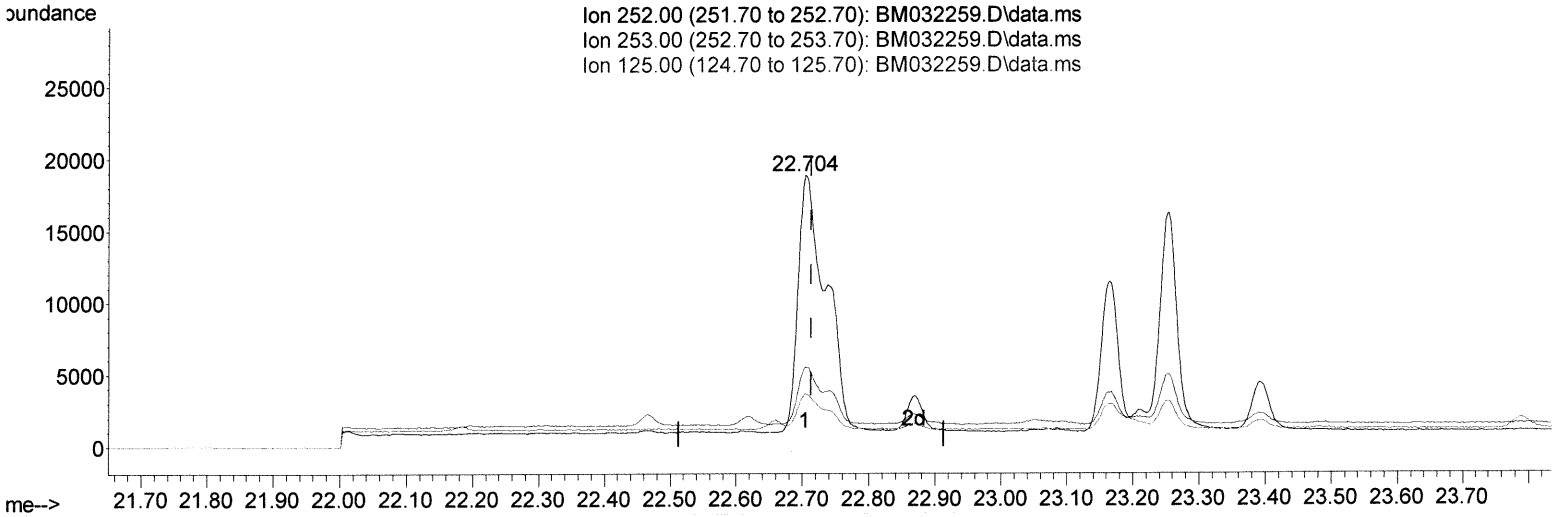

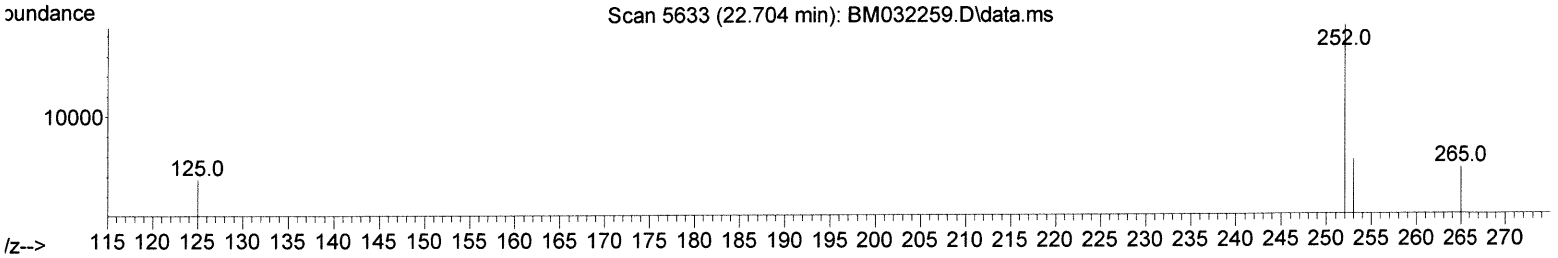

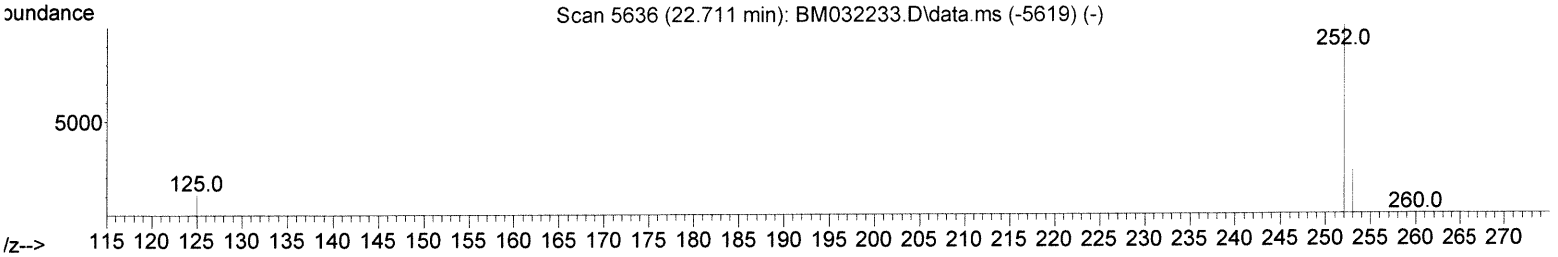

TIC: BM032259.D\data.ms

(24) Benzo(b)fluoranthene

22.704min (-0.010) 0.77 ng/ul

response 52502

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.00	29.33
125.00	15.70	19.60
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
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Manual Integrations APPROVED
mohammad
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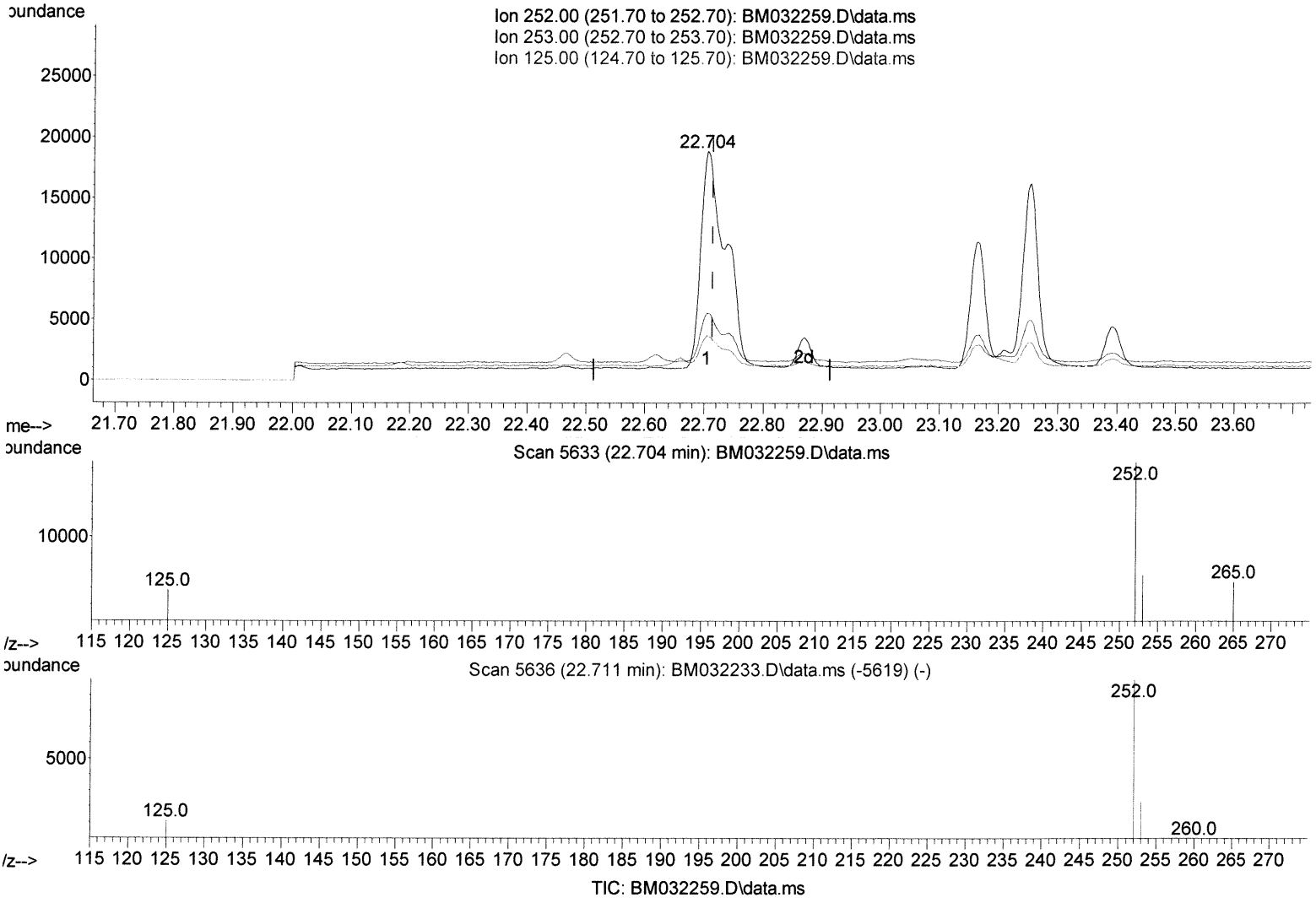

(24) Benzo(b)fluoranthene

22.704min (-0.010) 0.54 ng/ul m

response 36978

9/10/04/21

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.00	29.33
125.00	15.70	19.60
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
Data File : BM032259.D
Acq On : 29 Sep 2021 03:05
Operator : CG/JU
Sample : M3755-07
Misc :
ALS Vial : 64 Sample Multiplier: 1

Quant Time: Sep 29 06:13:16 2021
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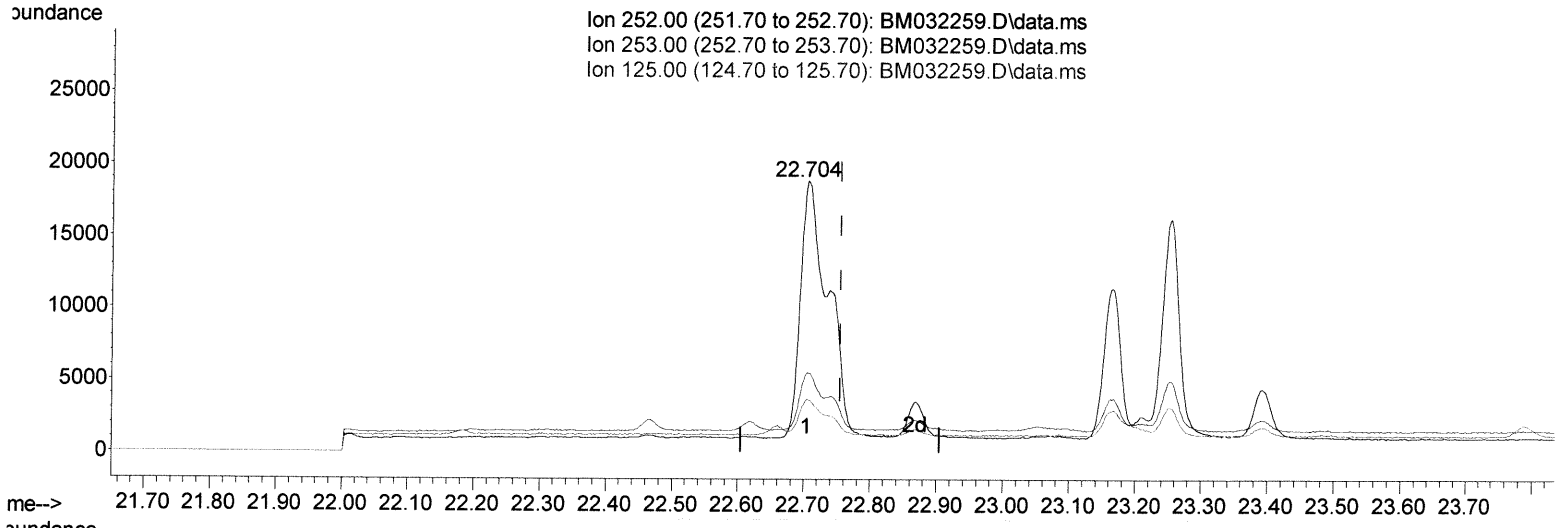
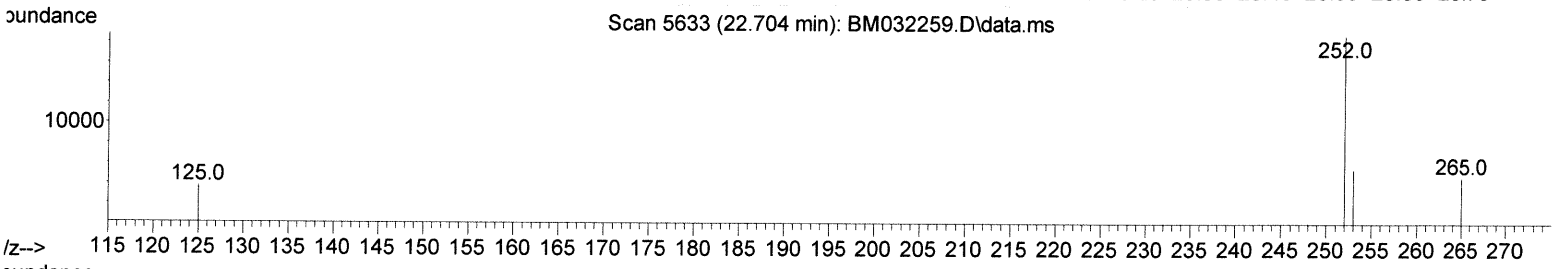
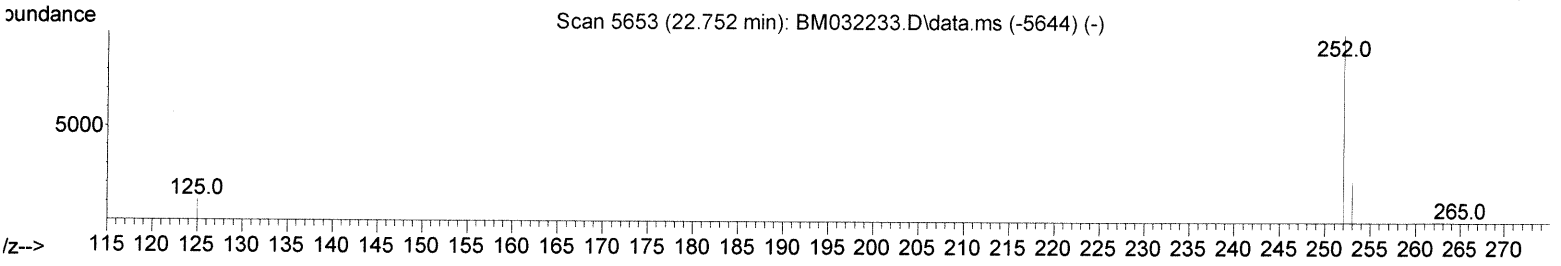
BNA_M
ClientSampleId :
C0AL2

Manual Integrations APPROVED
mohammad
9/29/2021 12:52:50 PM







TIC: BM032259.D\data.ms

(25) Benzo(k)fluoranthene

22.704min (-0.051) 0.80 ng/ul

response 52502

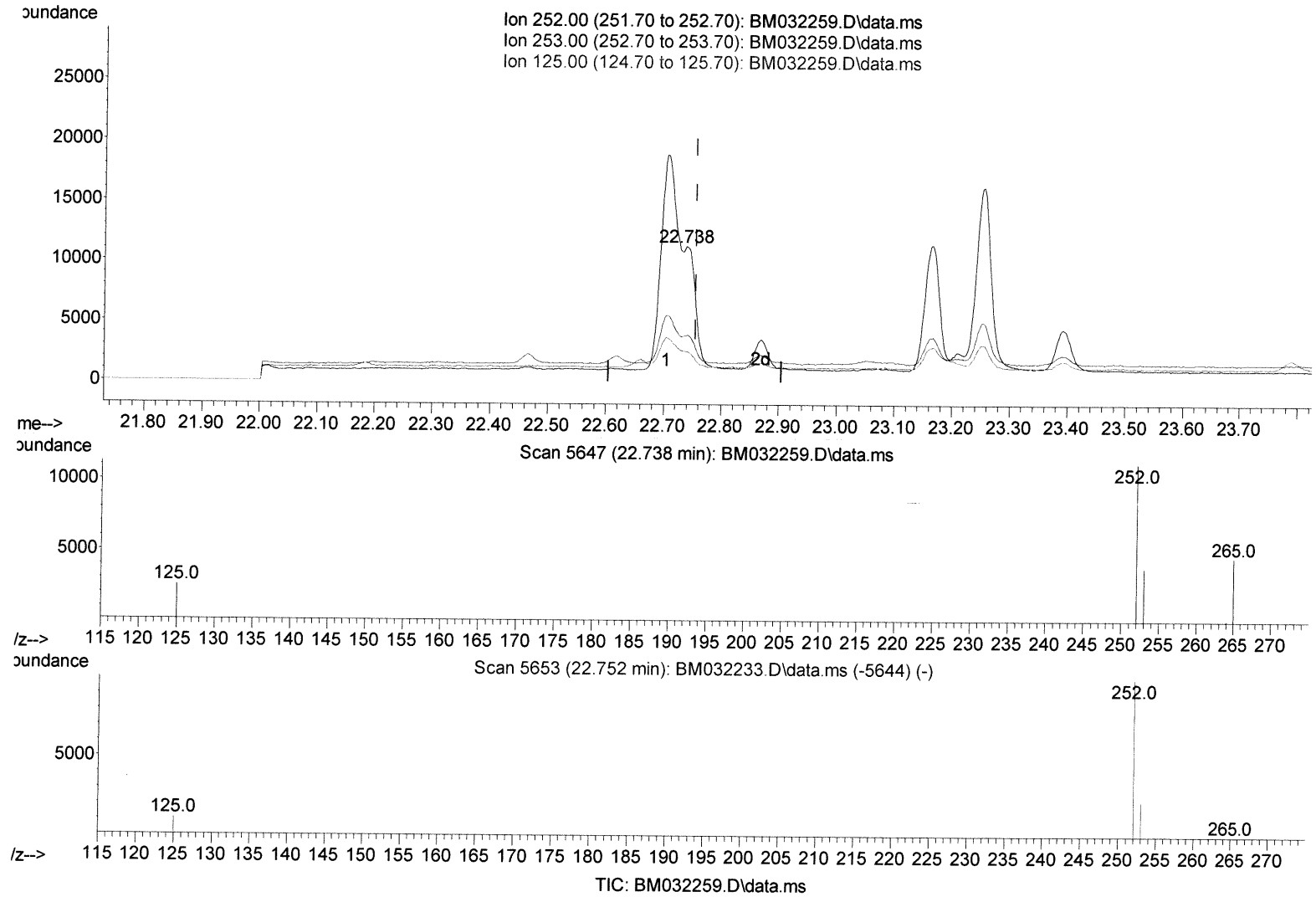
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.60	29.33
125.00	16.10	19.60#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
Data File : BM032259.D
Acq On : 29 Sep 2021 03:05
Operator : CG/JU
Sample : M3755-07
Misc :
ALS Vial : 64 Sample Multiplier: 1

Quant Time: Sep 29 06:13:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 27 13:37:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AL2

Manual Integrations APPROVED
mohammad
9/29/2021 12:52:50 PM



(25) Benzo(k)fluoranthene

22.738min (-0.017) 0.23 ng/ul m

response 15272

JU 10/04/21

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.60	34.10
125.00	16.10	22.53#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
Data File : BM032259.D
Acq On : 29 Sep 2021 03:05
Operator : CG/JU
Sample : M3755-07
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AL2

Manual Integrations APPROVED
mohammad
9/29/2021 12:52:50 PM

Quant Time: Sep 29 06:13:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	6518	0.400	ng/ul	0.00
4) Naphthalene-d8	10.447	136	19787	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.300	164	9062	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.026	188	16418	0.400	ng/ul	0.00
17) Chrysene-d12	21.186	240	13544	0.400	ng/ul	0.00
23) Perylene-d12	23.349	264	13090	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.986	96	16140	2.303	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.039	152	3667	0.139	ng/ul	0.00
18) Fluoranthene-d10	19.046	212	6712	0.182	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.497	128	9215	0.157	ng/ul	97
7) 2-Methylnaphthalene	12.111	142	5381	0.143	ng/ul	100
8) 1-Methylnaphthalene	12.332	142	4261	0.116	ng/ul	100
10) Acenaphthylene	14.016	152	2127	0.059	ng/ul#	85
11) Acenaphthene	14.361	153	1385	0.041	ng/ul	97
12) Fluorene	15.343	166	2378	0.063	ng/ul#	99
15) Phenanthrene	17.068	178	35375	0.662	ng/ul	100
16) Anthracene	17.154	178	8494	0.193	ng/ul	97
19) Fluoranthene	19.076	202	64667	1.144	ng/ul	100
20) Pyrene	19.435	202	58775	1.037	ng/ul	100
21) Benzo(a)anthracene	21.169	228	28455	0.594	ng/ul	98
22) Chrysene	21.222	228	30889	0.551	ng/ul	98
24) Benzo(b)fluoranthene	22.704	252	36978m	0.545	ng/ul	
25) Benzo(k)fluoranthene	22.738	252	15272m	0.233	ng/ul	
26) Benzo(a)pyrene	23.254	252	27265	0.534	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.488	276	16880	0.259	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.486	278	4814	0.091	ng/ul#	72
29) Benzo(g,h,i)perylene	26.145	276	15273	0.247	ng/ul	97

JU 10/04/21

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