

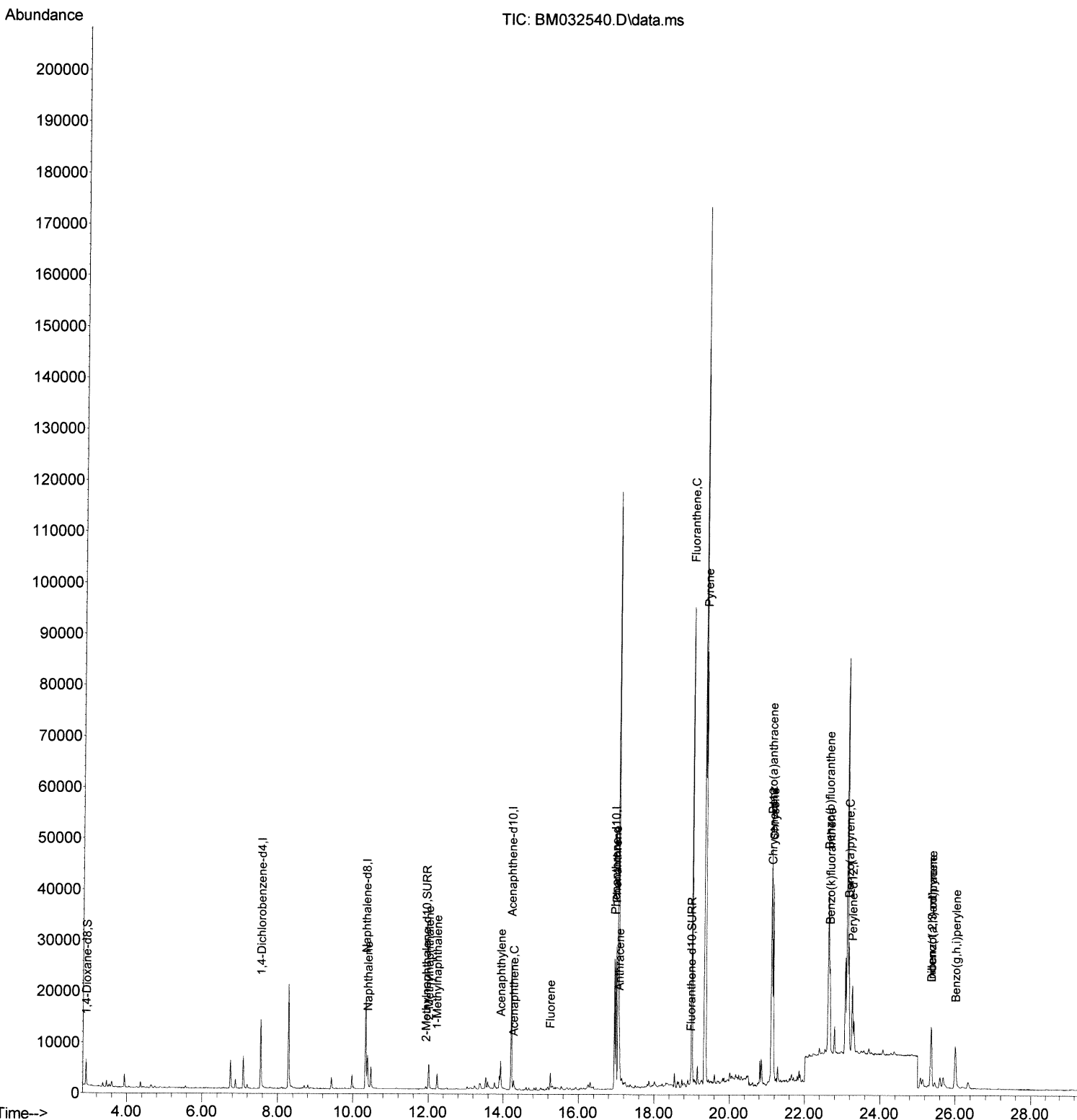
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032540.D
Acq On : 15 Oct 2021 23:54
Operator : CG/JU
Sample : M4029-11DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00R6DL

Manual Integrations
APPROVED

mohammad
10/18/2021 12:42:09 PM

Quant Time: Oct 18 04:10:09 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



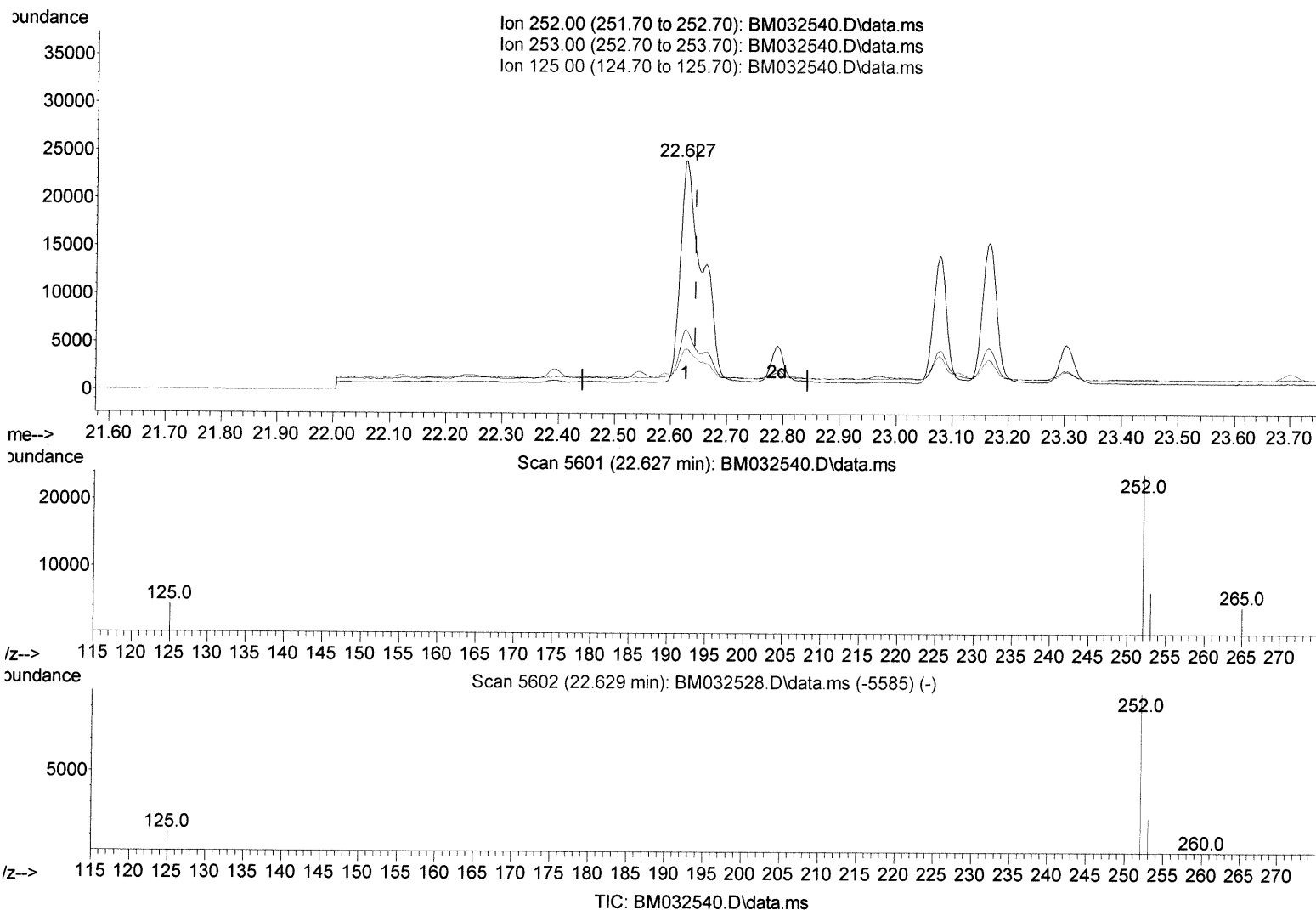
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032540.D
 Acq On : 15 Oct 2021 23:54
 Operator : CG/JU
 Sample : M4029-11DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00R6DL

Manual Integrations
 APPROVED

mohammad
 10/18/2021 12:42:09 PM

Quant Time: Oct 18 04:10:09 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



(24) Benzo(b)fluoranthene

22.627min (-0.017) 0.90 ng/ul

response	63430	
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	26.80
125.00	17.80	18.07
0.00	0.00	0.00

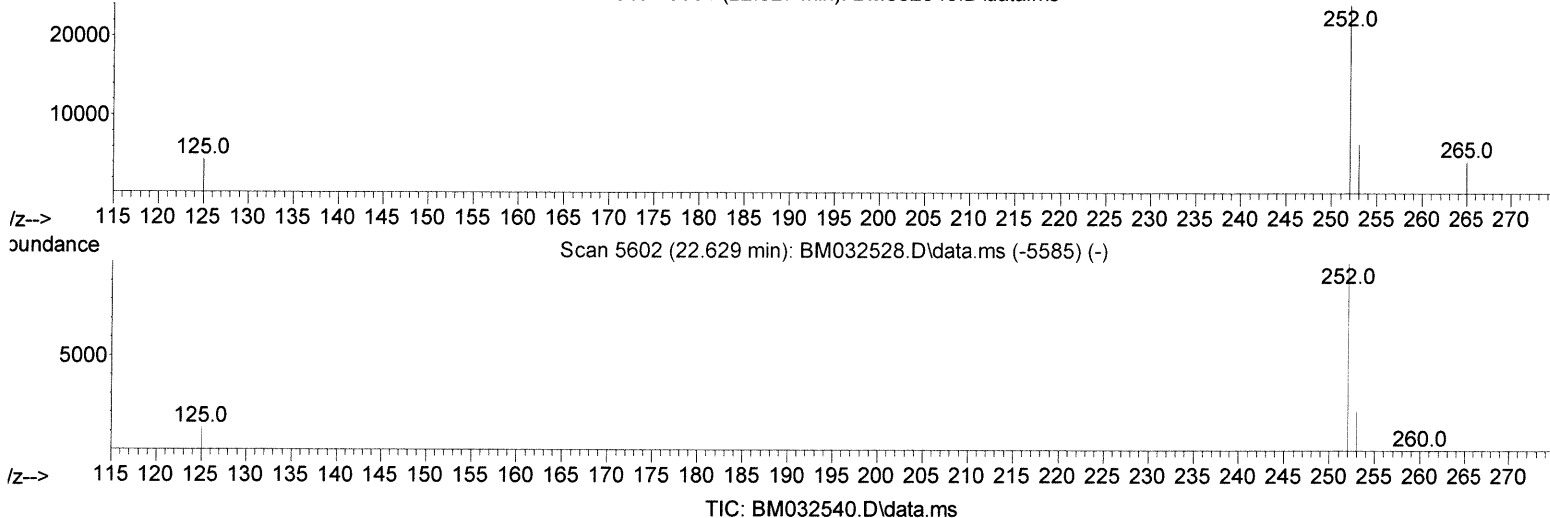
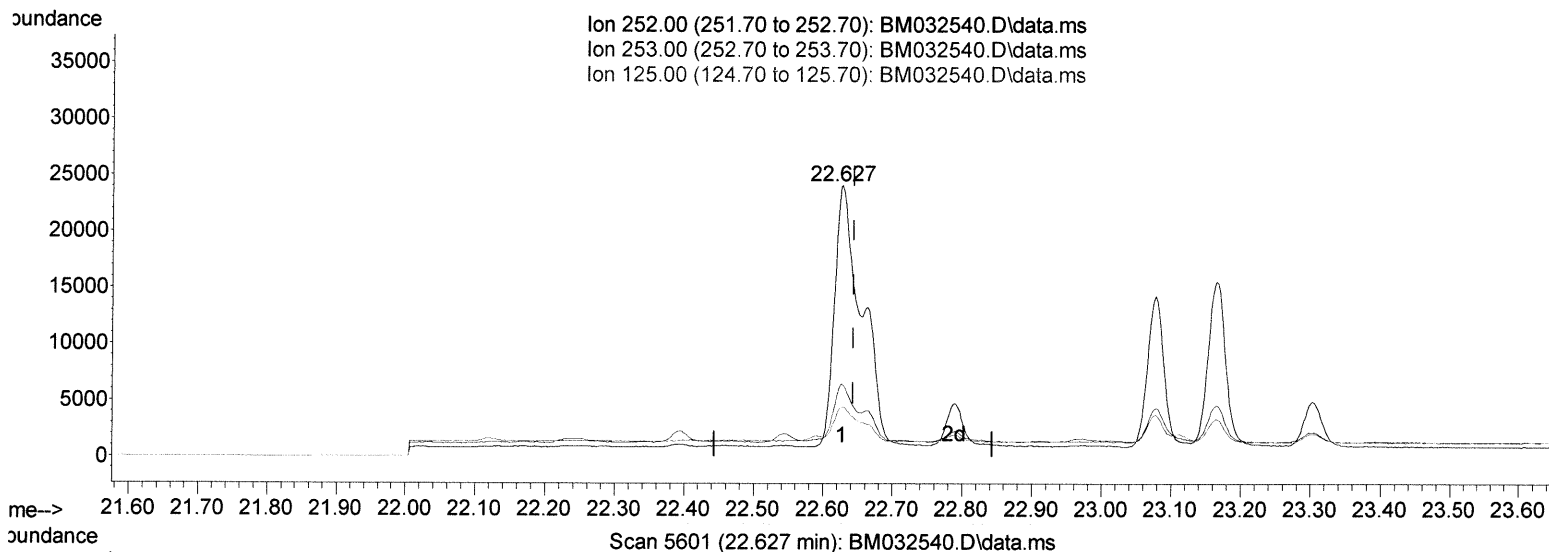
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032540.D
 Acq On : 15 Oct 2021 23:54
 Operator : CG/JU
 Sample : M4029-11DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00R6DL

Manual Integrations
 APPROVED

mohammad
 10/18/2021 12:42:09 PM

Quant Time: Oct 18 04:10:09 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



(24) Benzo(b)fluoranthene

22.627min (-0.017) 0.66 ng/ul m

response 46191

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	26.80
125.00	17.80	18.07
0.00	0.00	0.00

ju 10/19/21

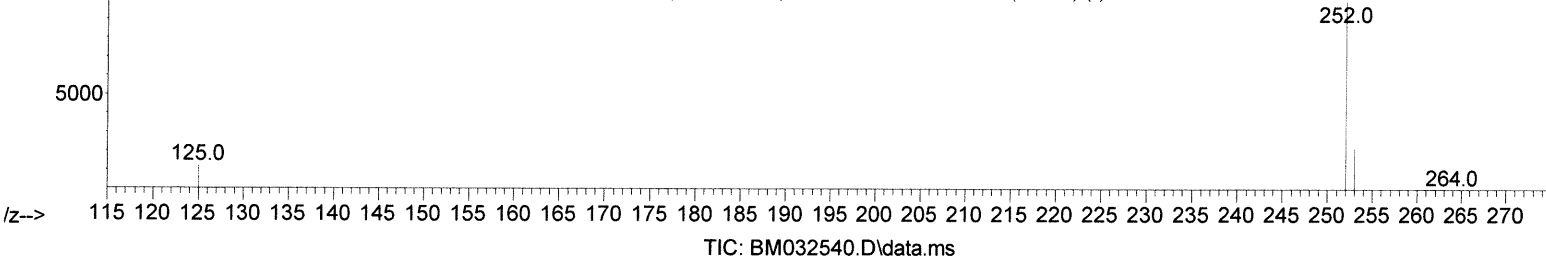
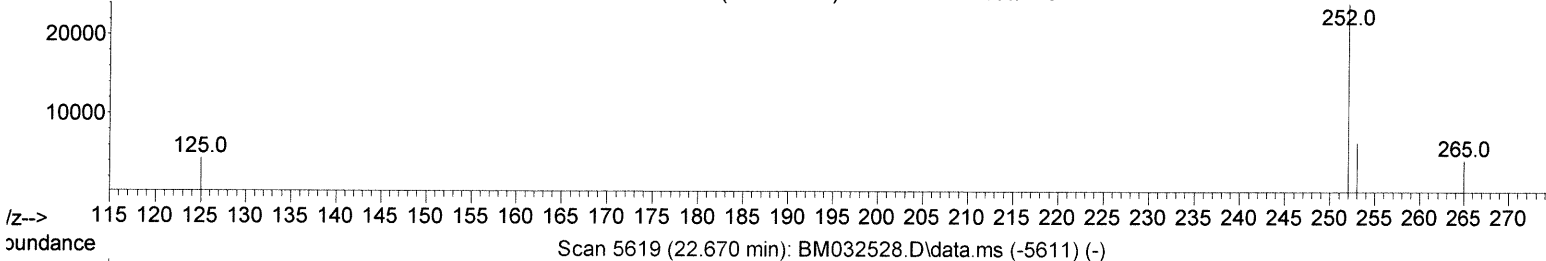
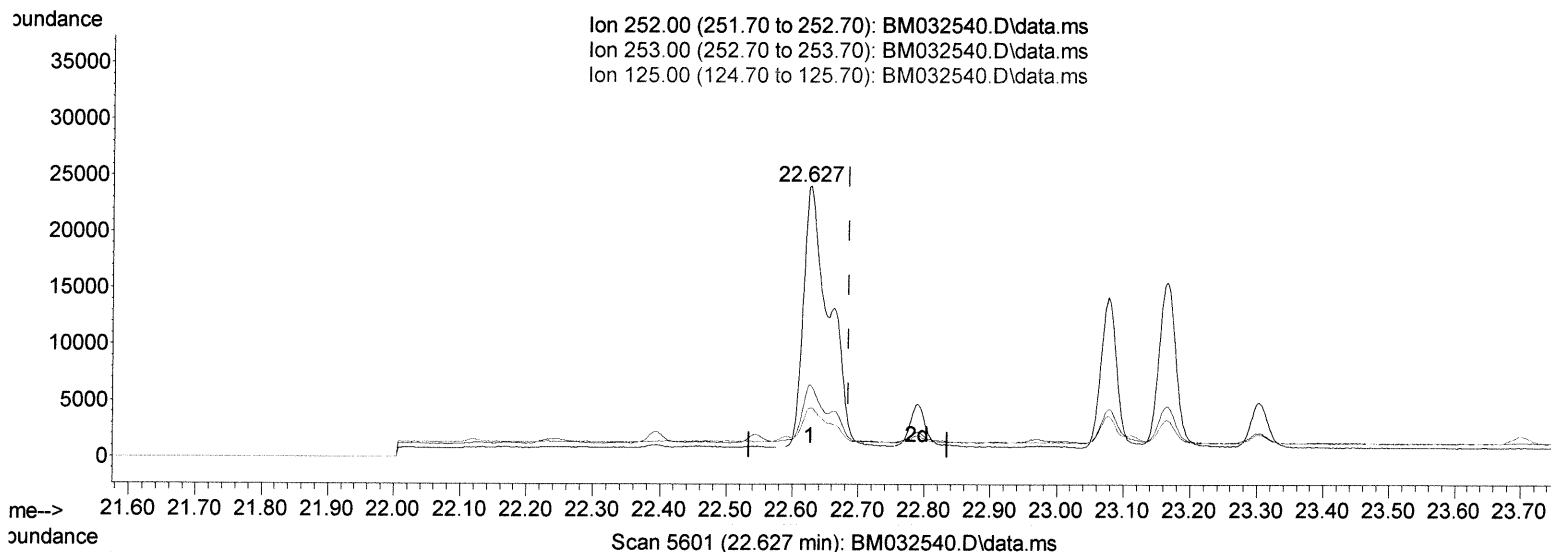
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032540.D
 Acq On : 15 Oct 2021 23:54
 Operator : CG/JU
 Sample : M4029-11DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00R6DL

Manual Integrations
 APPROVED

mohammad
 10/18/2021 12:42:09 PM

Quant Time: Oct 18 04:10:09 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



(25) Benzo(k)fluoranthene

22.627min (-0.058) 0.91 ng/ul

response 63430

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	26.80
125.00	18.00	18.07
0.00	0.00	0.00

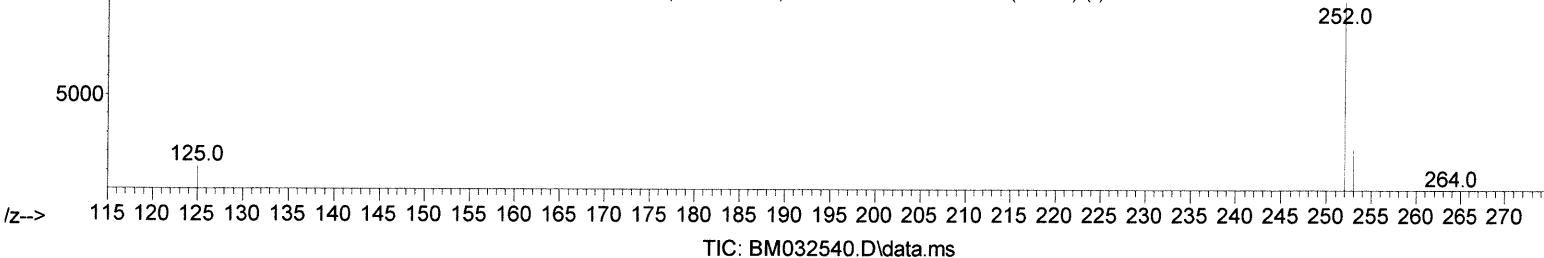
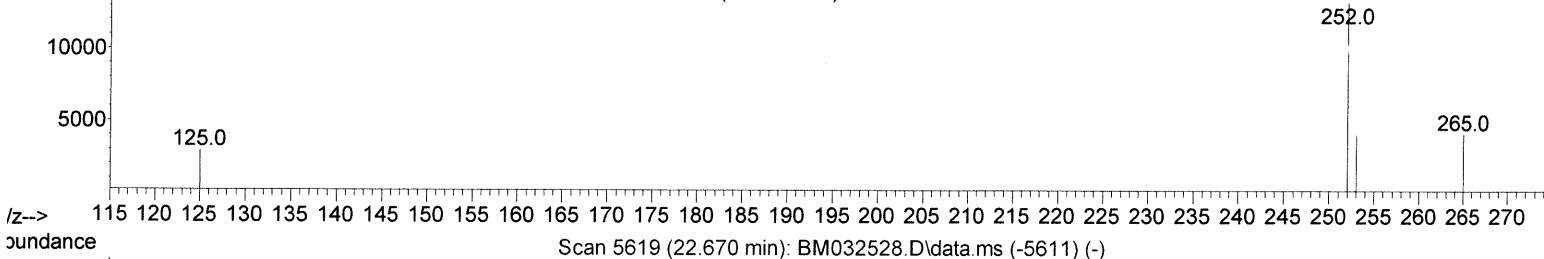
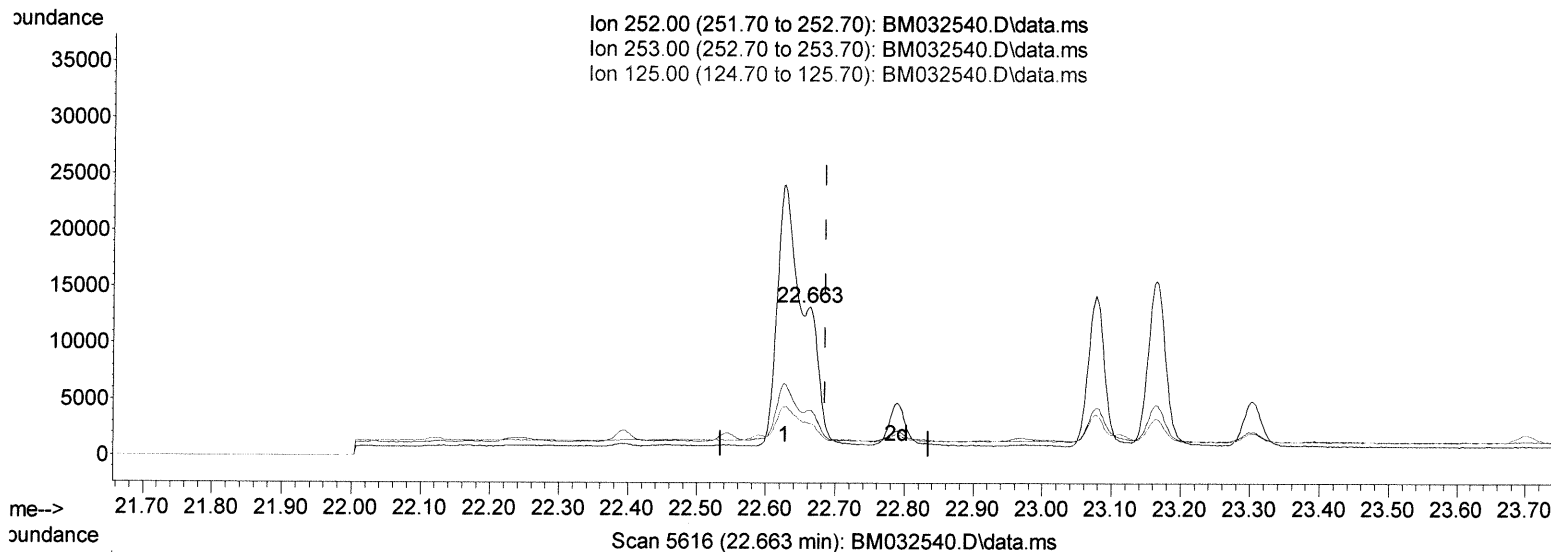
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032540.D
 Acq On : 15 Oct 2021 23:54
 Operator : CG/JU
 Sample : M4029-11DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00R6DL

Manual Integrations
 APPROVED

mohammad
 10/18/2021 12:42:09 PM

Quant Time: Oct 18 04:10:09 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



(25) Benzo(k)fluoranthene

22.663min (-0.022) 0.23 ng/ul m

response 15820

Ion Exp% Act%

252.00 100.00 100.00

253.00 27.20 30.80

125.00 18.00 21.74#

0.00 0.00 0.00

JP 10/19/21

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032540.D
 Acq On : 15 Oct 2021 23:54
 Operator : CG/JU
 Sample : M4029-11DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00R6DL

Manual Integrations
 APPROVED

mohammad
 10/18/2021 12:42:09 PM

Quant Time: Oct 18 04:10:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Oct 15 12:37:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	7545	0.400	ng/ul	0.00
4) Naphthalene-d8	10.339	136	25058	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	13562	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	27631	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.123	240	19909	0.400	ng/ul	-0.01
23) Perylene-d12	23.259	264	15214	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.924	96	3220	0.381	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	772	0.023	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	1886	0.030	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.389	128	8772	0.115	ng/ul	98
7) 2-Methylnaphthalene	12.012	142	4022	0.081	ng/ul	100
8) 1-Methylnaphthalene	12.233	142	2210	0.045	ng/ul	100
10) Acenaphthylene	13.928	152	6206	0.107	ng/ul	98
11) Acenaphthene	14.274	153	1107	0.021	ng/ul	95
12) Fluorene	15.260	166	2051	0.034	ng/ul#	95
15) Phenanthrene	16.988	178	28690	0.309	ng/ul	99
16) Anthracene	17.075	178	5724	0.070	ng/ul	96
19) Fluoranthene	19.004	202	74717	0.759	ng/ul	99
20) Pyrene	19.366	202	66271	0.654	ng/ul	98
21) Benzo(a)anthracene	21.106	228	33331	0.428	ng/ul	96
22) Chrysene	21.159	228	38284	0.447	ng/ul	96
24) Benzo(b)fluoranthene	22.627	252	46191m	0.657	ng/ul	} 210/19/21
25) Benzo(k)fluoranthene	22.663	252	15820m	0.226	ng/ul	
26) Benzo(a)pyrene	23.164	252	26055	0.442	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.360	276	17645	0.245	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.360	278	4242	0.075	ng/ul#	70
29) Benzo(g,h,i)perylene	26.004	276	15414	0.246	ng/ul	97

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