

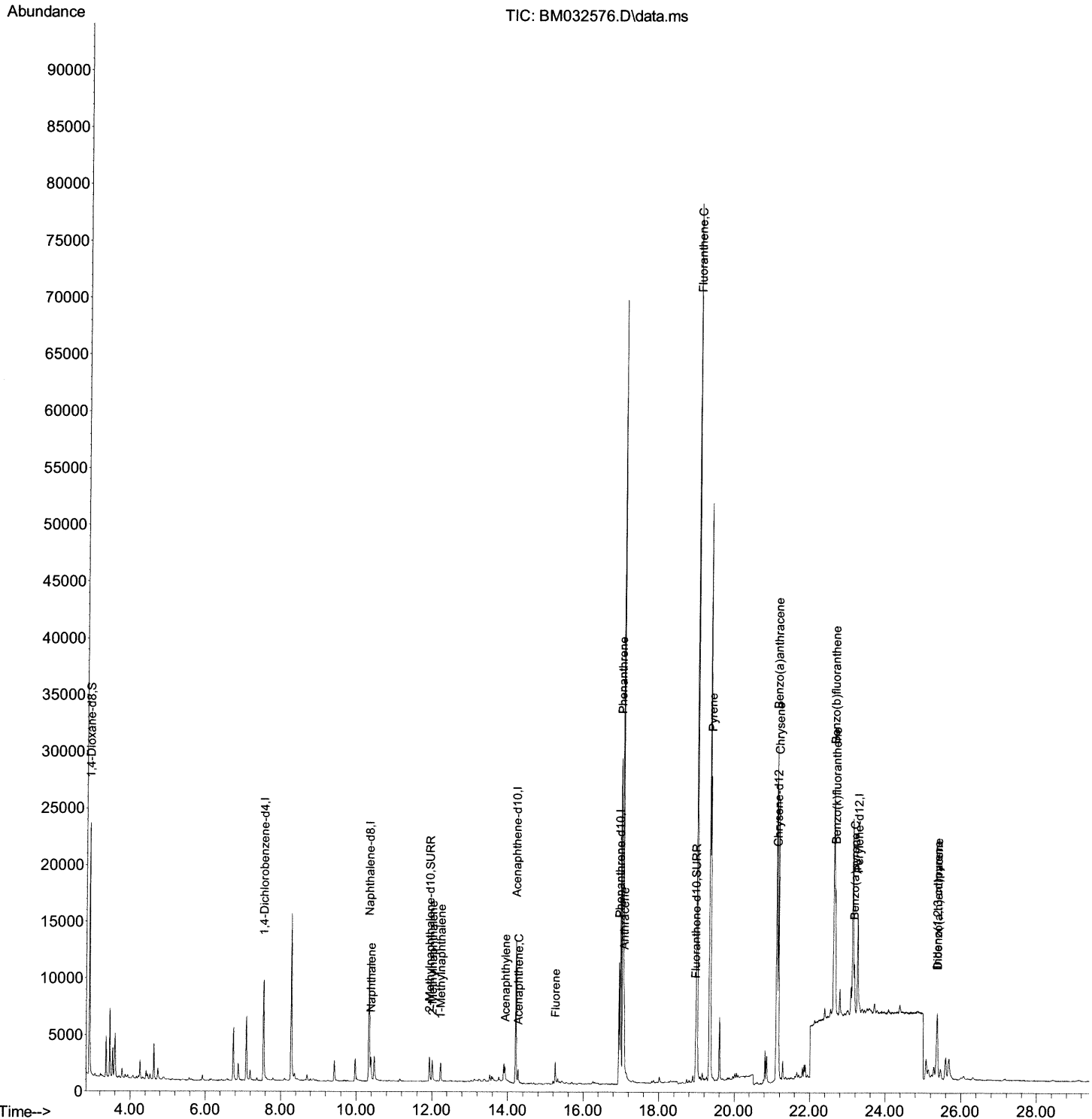
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032576.D
Acq On : 18 Oct 2021 16:46
Operator : CG/JU
Sample : M4181-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

Manual Integrations
APPROVED

mohammad
10/19/2021 12:10:49 PM

Quant Time: Oct 18 17:16:25 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



Quantitation Report (Qedit)

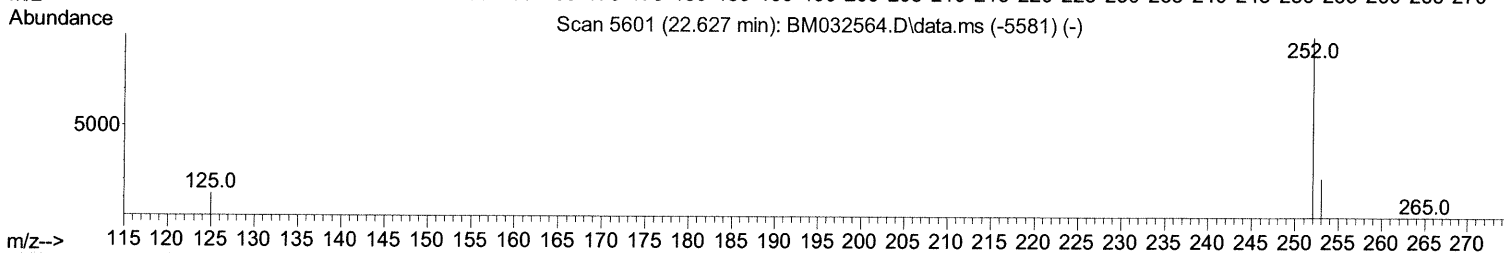
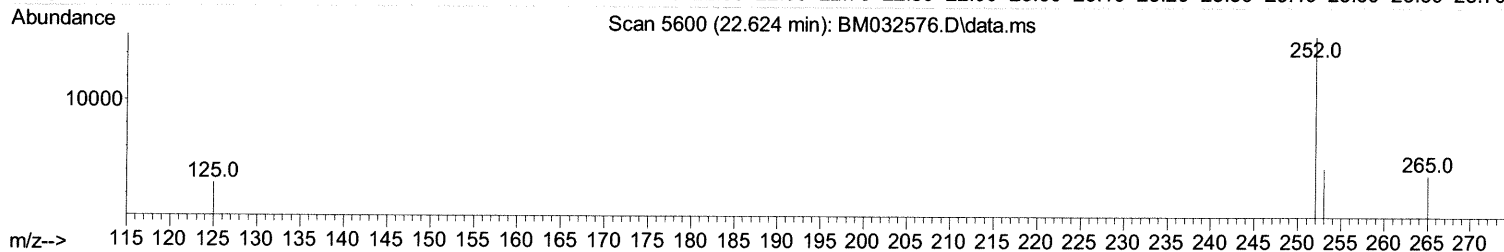
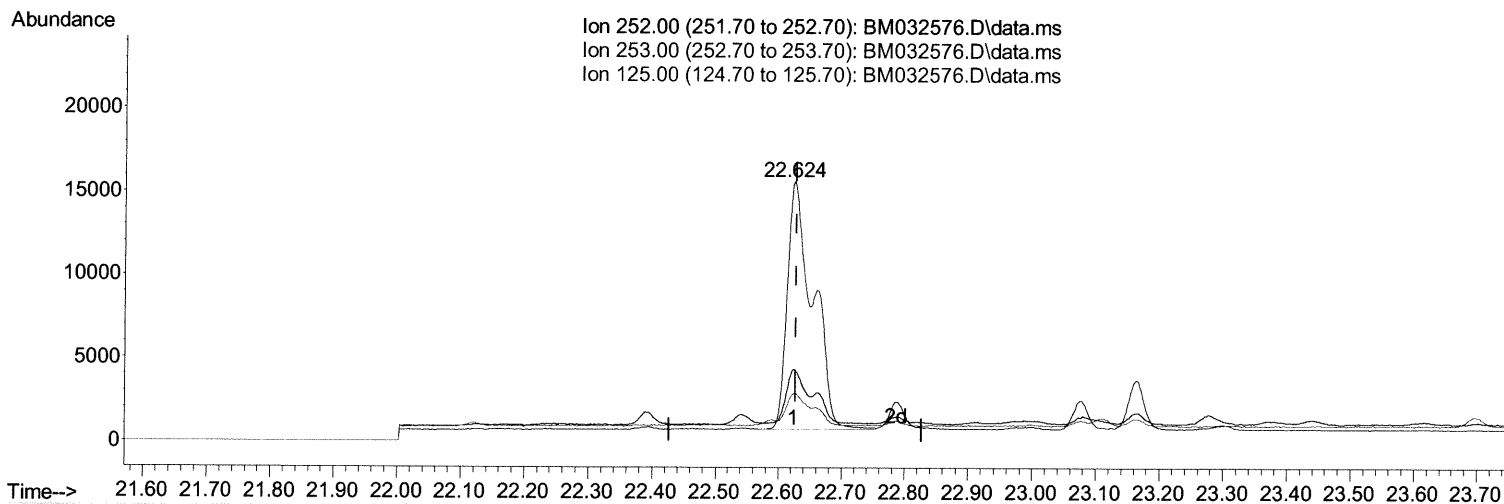
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
 Data File : BM032576.D
 Acq On : 18 Oct 2021 16:46
 Operator : CG/JU
 Sample : M4181-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B07

Manual Integrations
 APPROVED

mohammad
 10/19/2021 12:10:49 PM

Quant Time: Oct 18 17:16:25 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



TIC: BM032576.D\data.ms

(24) Benzo(b)fluoranthene

22.624min (-0.002) 0.92 ng/u1

response 42081

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	27.77
125.00	17.80	18.59
0.00	0.00	0.00

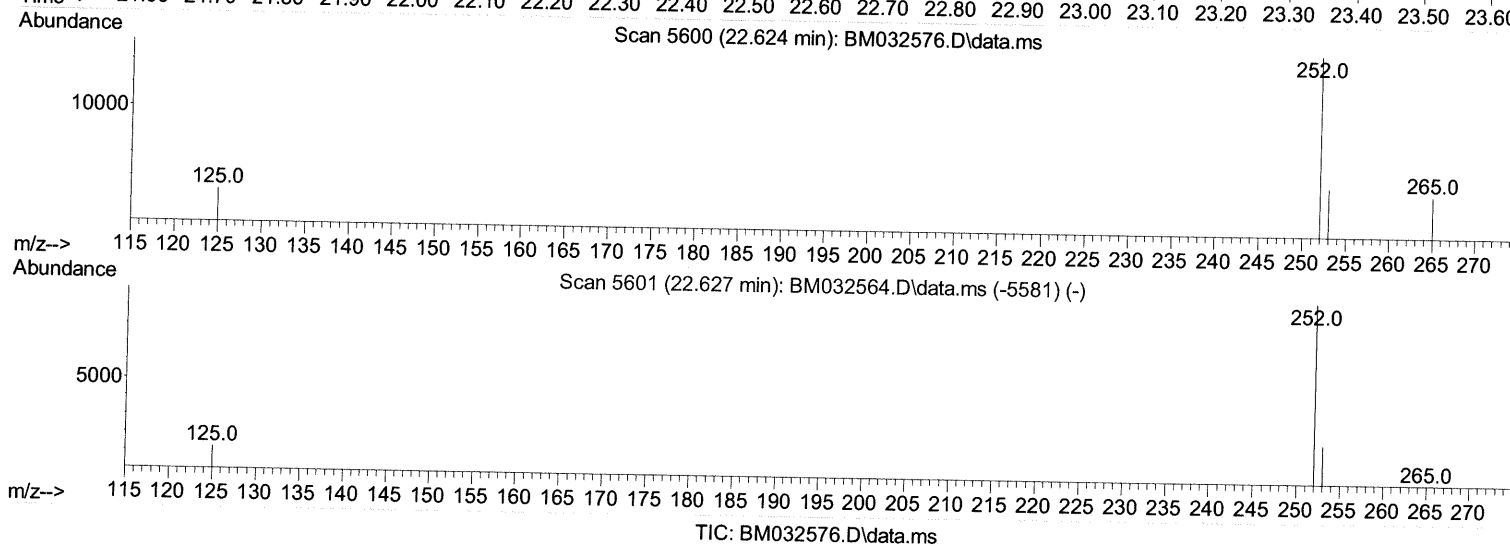
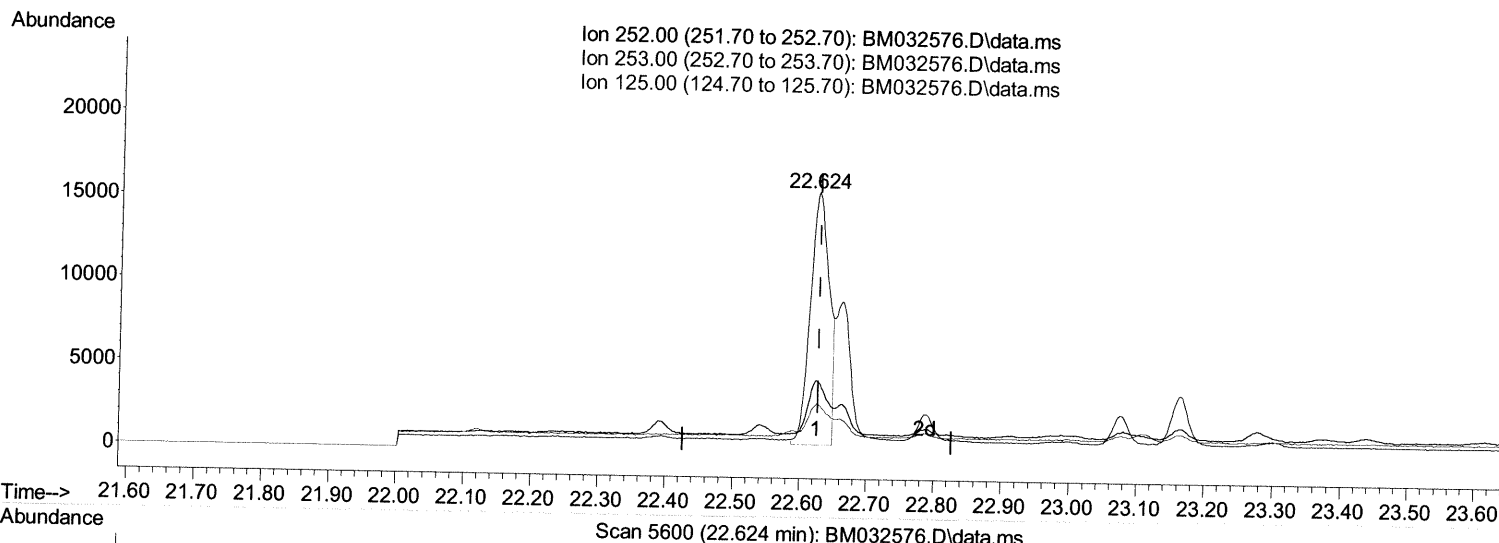
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032576.D
Acq On : 18 Oct 2021 16:46
Operator : CG/JU
Sample : M4181-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

Manual Integrations
APPROVED

mohammad
10/19/2021 12:10:49 PM

Quant Time: Oct 18 17:16:25 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



(24) Benzo(b) fluoranthene

22.624min (-0.002) 0.64 ng/ul m 10/20/21 JU

response 29451

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	27.77
125.00	17.80	18.59
0.00	0.00	0.00

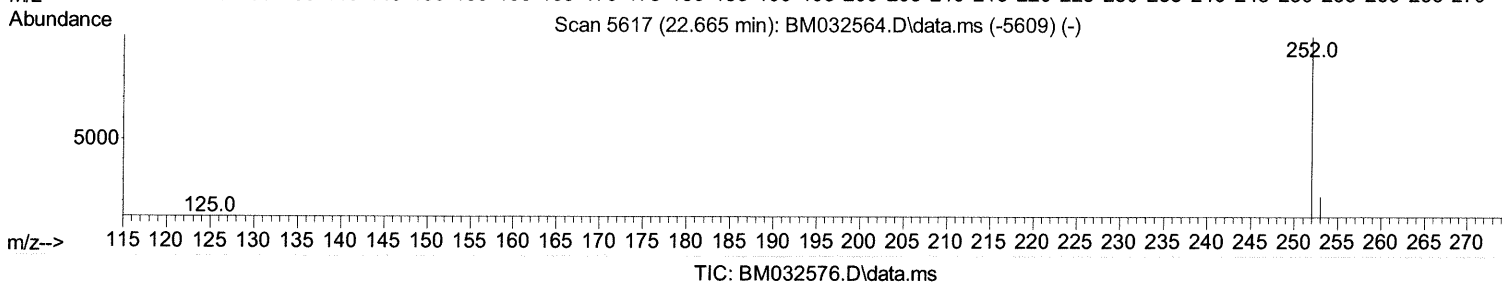
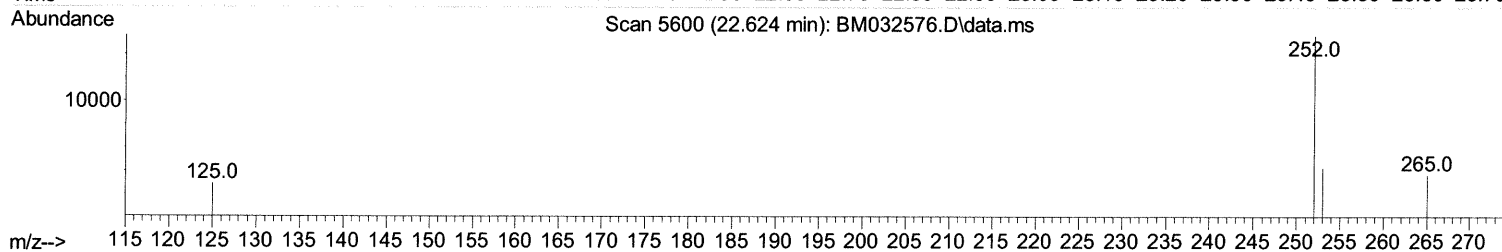
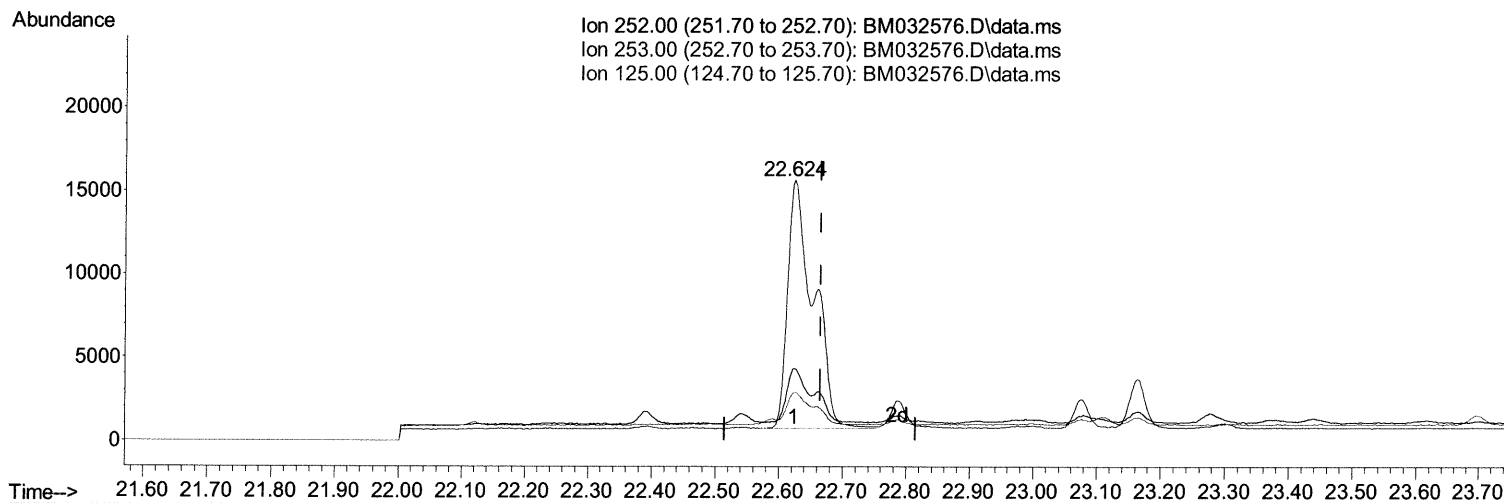
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032576.D
Acq On : 18 Oct 2021 16:46
Operator : CG/JU
Sample : M4181-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

Manual Integrations
APPROVED

mohammad
10/19/2021 12:10:49 PM

Quant Time: Oct 18 17:16:25 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



(25) Benzo(k)fluoranthene

22.624min (-0.041) 0.92 ng/ul

response 42066

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	27.77
125.00	18.00	18.59
0.00	0.00	0.00

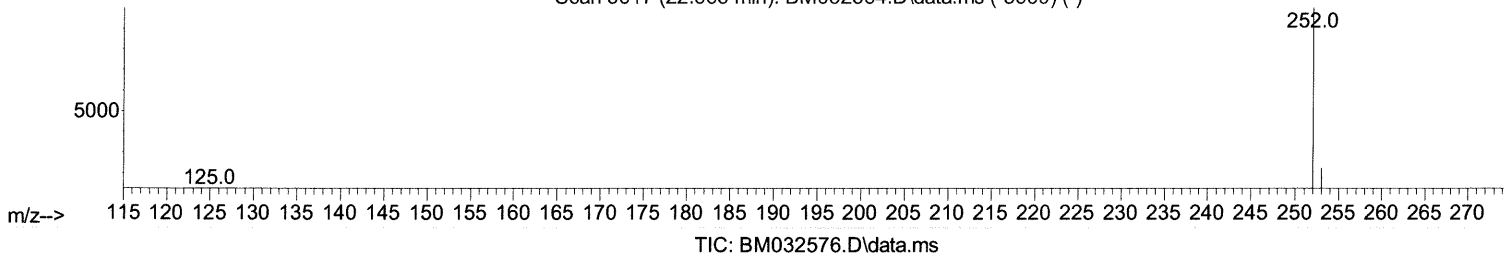
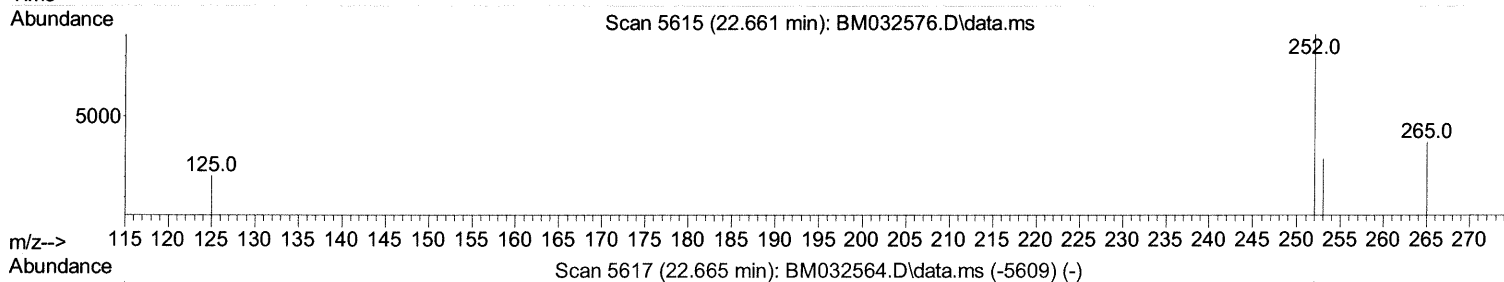
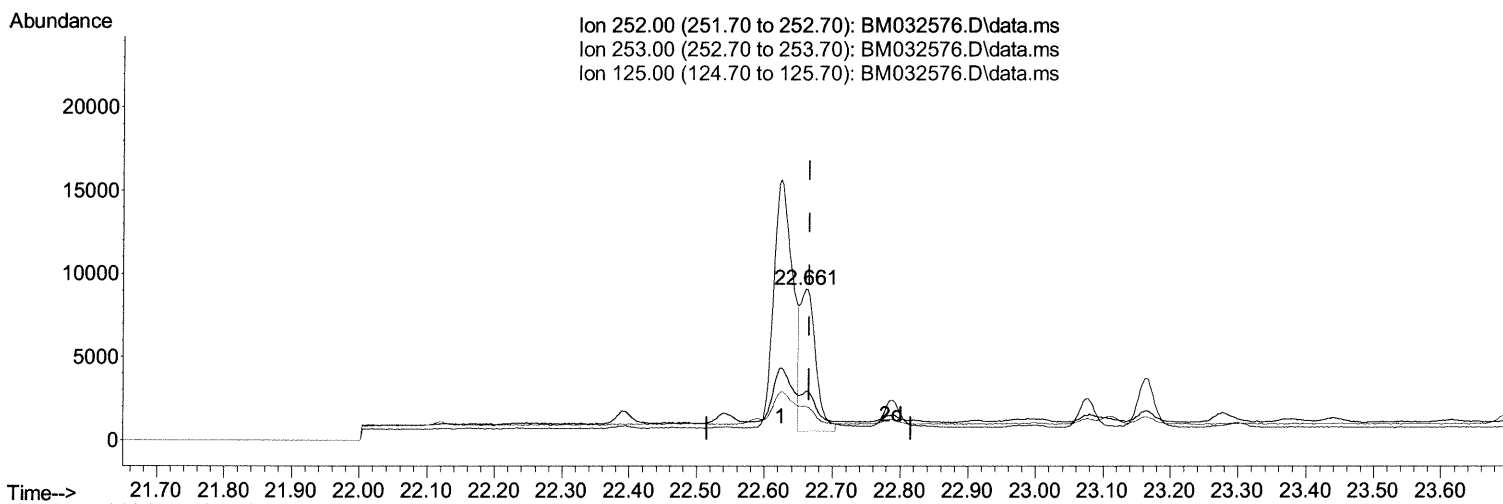
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032576.D
Acq On : 18 Oct 2021 16:46
Operator : CG/JU
Sample : M4181-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B07

Manual Integrations
APPROVED

mohammad
10/19/2021 12:10:49 PM

Quant Time: Oct 18 17:16:25 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



(25) Benzo(k)fluoranthene

22.661min (-0.005) 0.30 ng/ul m 10/20/21 JU

response 13771

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	32.12
125.00	18.00	22.67#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
 Data File : BM032576.D
 Acq On : 18 Oct 2021 16:46
 Operator : CG/JU
 Sample : M4181-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B07

Manual Integrations
 APPROVED

mohammad
 10/19/2021 12:10:49 PM

Quant Time: Oct 18 17:16:25 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	5164	0.400	ng/ul	0.00
4) Naphthalene-d8	10.335	136	14990	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	6668	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	11906	0.400	ng/ul	0.00
17) Chrysene-d12	21.123	240	9518	0.400	ng/ul	0.00
23) Perylene-d12	23.257	264	9930	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	13145	2.271	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	3335	0.167	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	5325	0.178	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.384	128	2663	0.059	ng/ul#	91
7) 2-Methylnaphthalene	12.008	142	1569	0.053	ng/ul	98
8) 1-Methylnaphthalene	12.233	142	1187	0.040	ng/ul	98
10) Acenaphthylene	13.928	152	1794	0.063	ng/ul	91
11) Acenaphthene	14.274	153	729	0.028	ng/ul	96
12) Fluorene	15.256	166	1301	0.044	ng/ul#	98
15) Phenanthrene	16.984	178	29459	0.736	ng/ul	99
16) Anthracene	17.075	178	6284	0.179	ng/ul	97
19) Fluoranthene	19.000	202	61226	1.300	ng/ul	99
20) Pyrene	19.362	202	22459	0.464	ng/ul	99
21) Benzo(a)anthracene	21.106	228	22834	0.614	ng/ul	98
22) Chrysene	21.157	228	23487	0.574	ng/ul	98
24) Benzo(b)fluoranthene	22.624	252	29451m	0.642	ng/ul	> 10/20/21 Jd
25) Benzo(k)fluoranthene	22.661	252	13771m	0.301	ng/ul	
26) Benzo(a)pyrene	23.164	252	5190	0.135	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	25.355	276	6827	0.145	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.357	278	3662	0.099	ng/ul#	69

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