

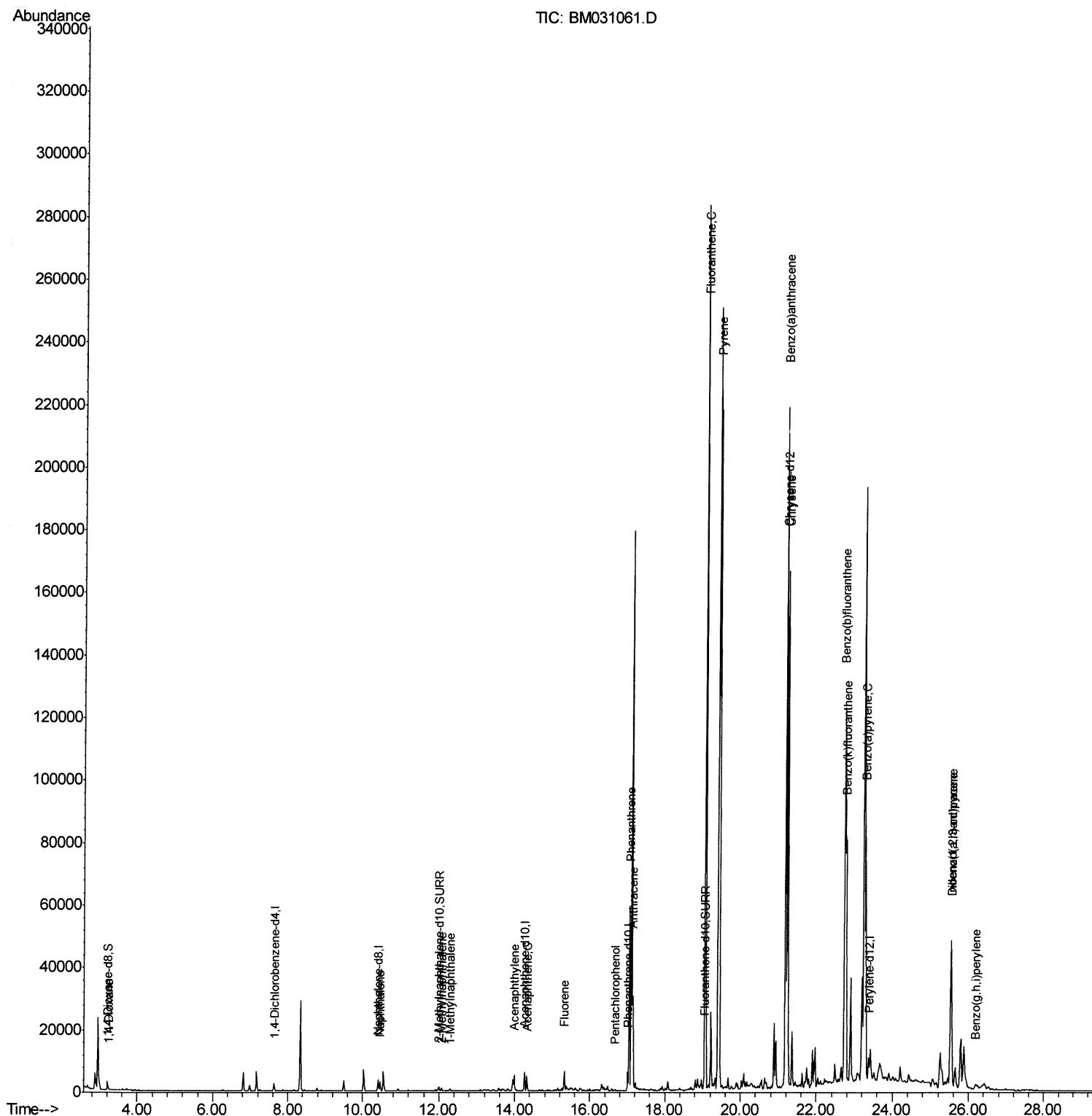
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031061.D
Acq On : 22 Jul 2021 11:37
Operator : CG/JU
Sample : M2971-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGEA2

Manual Integrations
APPROVED

mohammad
7/22/2021 1:30:54 PM

Quant Time: Jul 22 12:40:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 11:33:47 2021
Response via : Initial Calibration



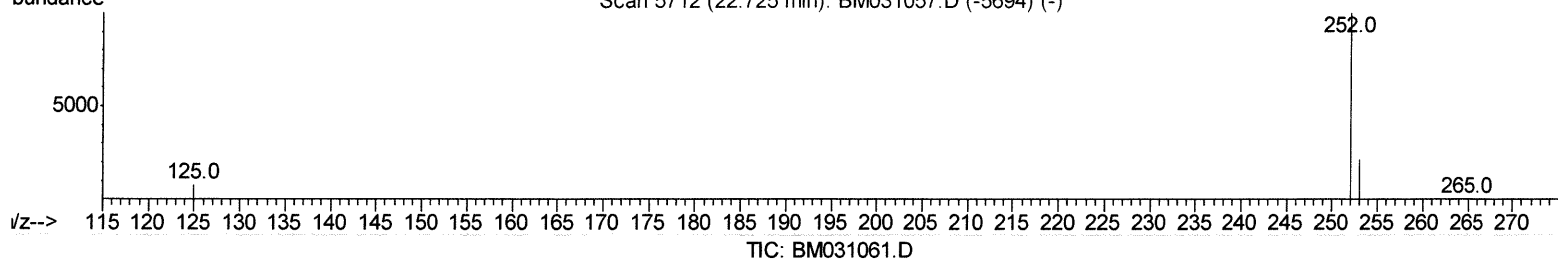
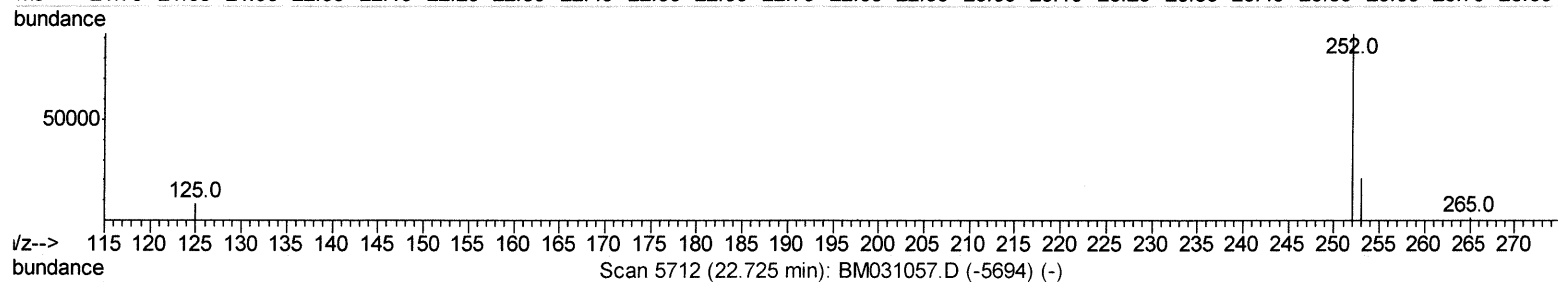
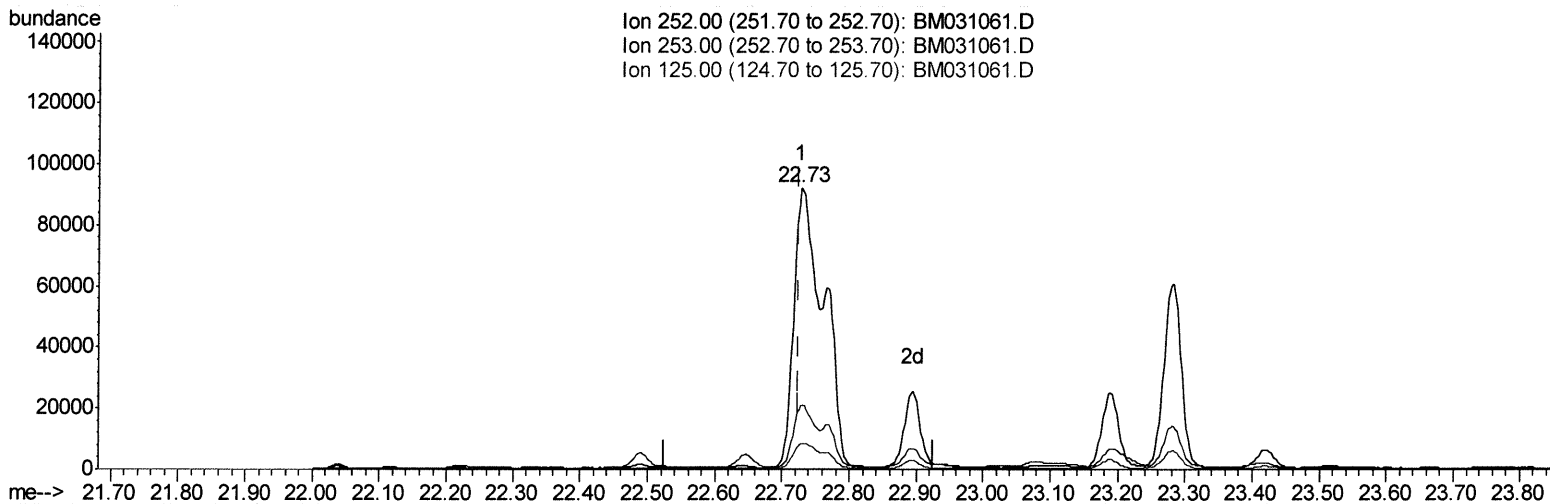
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
 Data File : BM031061.D
 Acq On : 22 Jul 2021 11:37
 Operator : CG/JU
 Sample : M2971-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEA2

Manual Integrations
 APPROVED

mohammad
 7/22/2021 1:30:54 PM

Quant Time: Jul 22 12:39:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 11:33:47 2021
 Response via : Initial Calibration



(24) Benzo(b)fluoranthene

22.728min (+0.002) 7.20ng/ul

response 281691

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	22.71
125.00	10.10	9.02
0.00	0.00	0.00

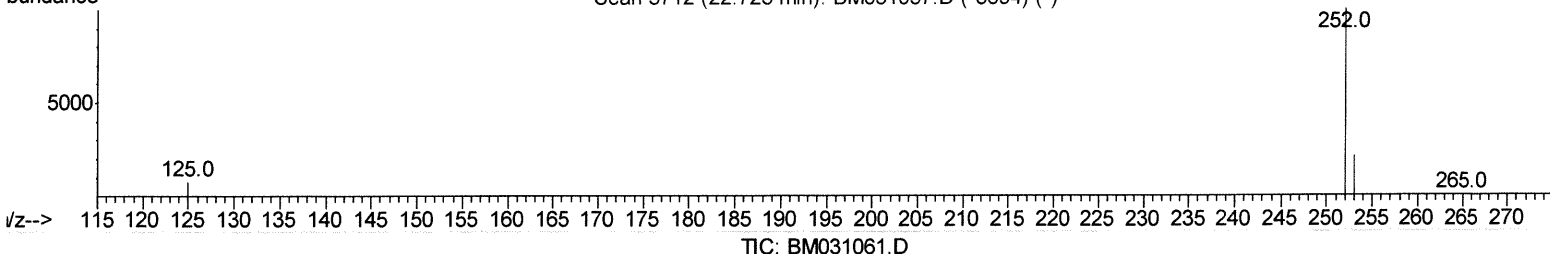
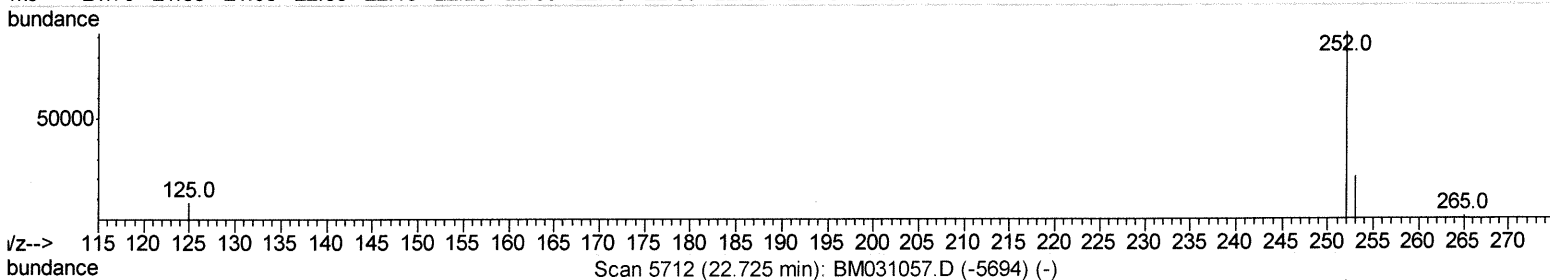
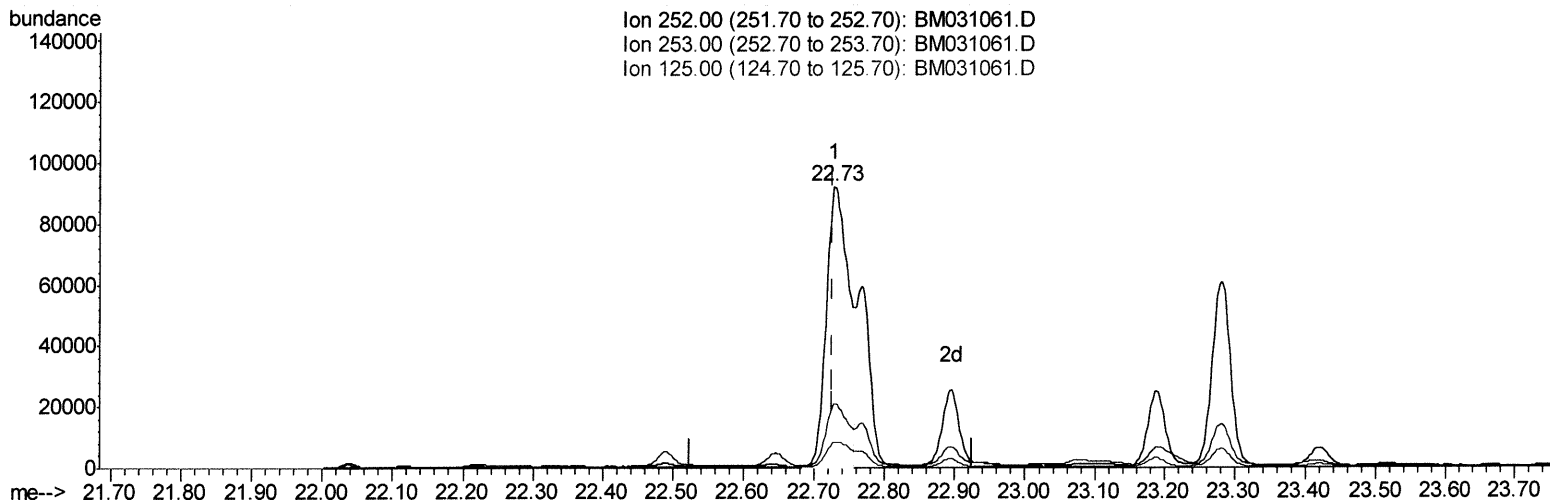
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
 Data File : BM031061.D
 Acq On : 22 Jul 2021 11:37
 Operator : CG/JU
 Sample : M2971-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEA2

Manual Integrations
 APPROVED

mohammad
 7/22/2021 1:30:54 PM

Quant Time: Jul 22 12:39:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 11:33:47 2021
 Response via : Initial Calibration



(24) Benzo(b)fluoranthene

22.728min (+0.002) 5.17ng/ul m 07/26/21 JU

response 202467

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	22.71
125.00	10.10	9.02
0.00	0.00	0.00

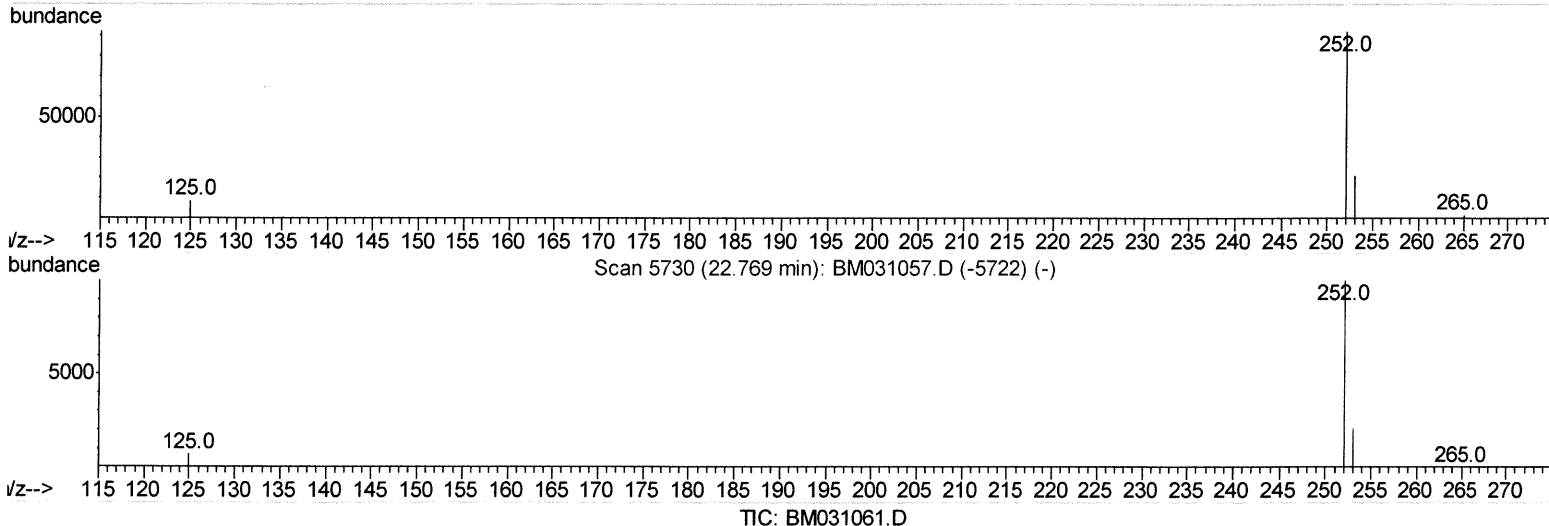
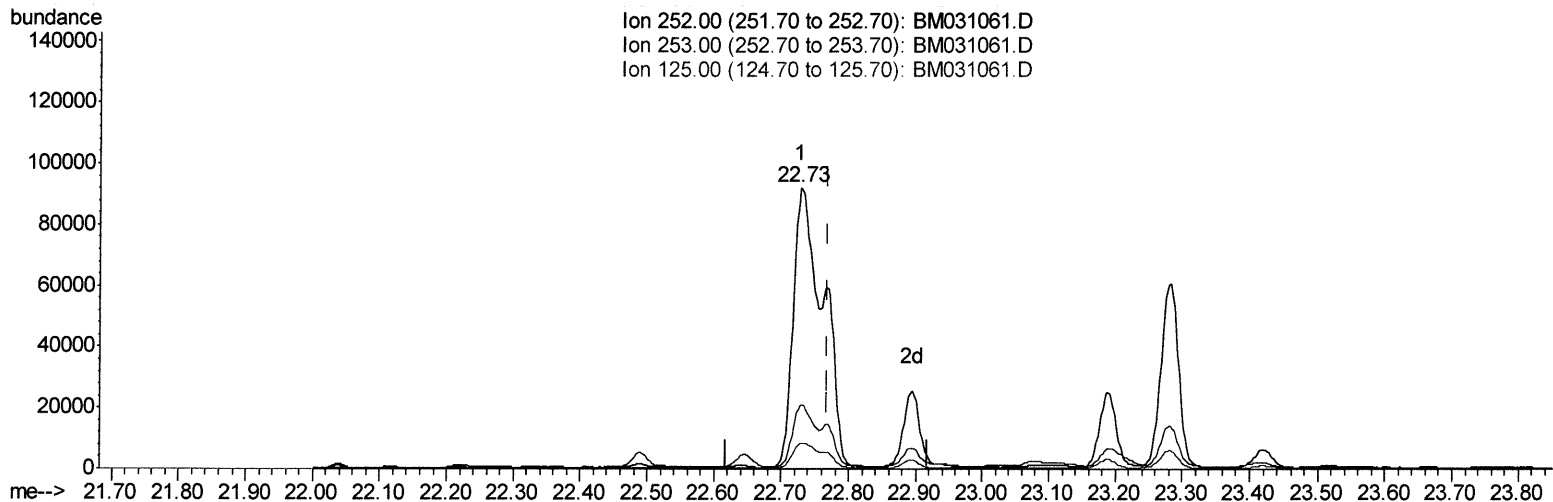
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
 Data File : BM031061.D
 Acq On : 22 Jul 2021 11:37
 Operator : CG/JU
 Sample : M2971-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEA2

Manual Integrations
 APPROVED

mohammad
 7/22/2021 1:30:54 PM

Quant Time: Jul 22 12:39:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 11:33:47 2021
 Response via : Initial Calibration



TIC: BM031061.D

(25) Benzo(k)fluoranthene

22.728min (-0.041) 7.09ng/ul

response 281691

Ion	Exp%	Act%
252.00	100	100
253.00	27.00	22.71
125.00	10.80	9.02
0.00	0.00	0.00

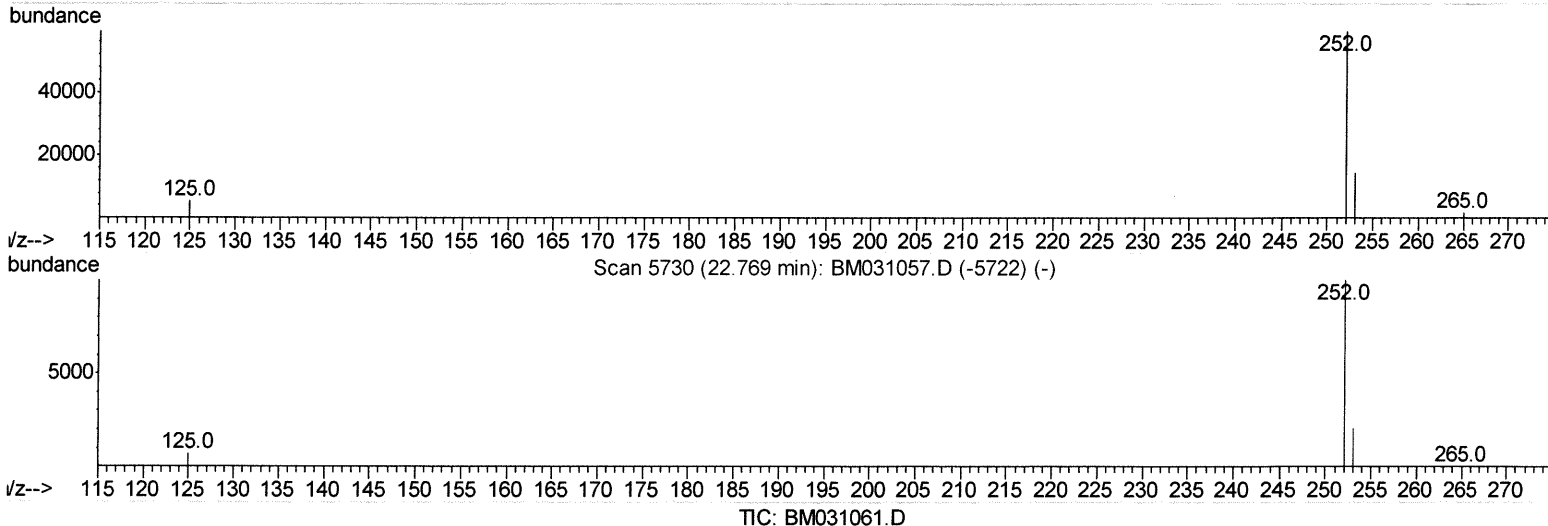
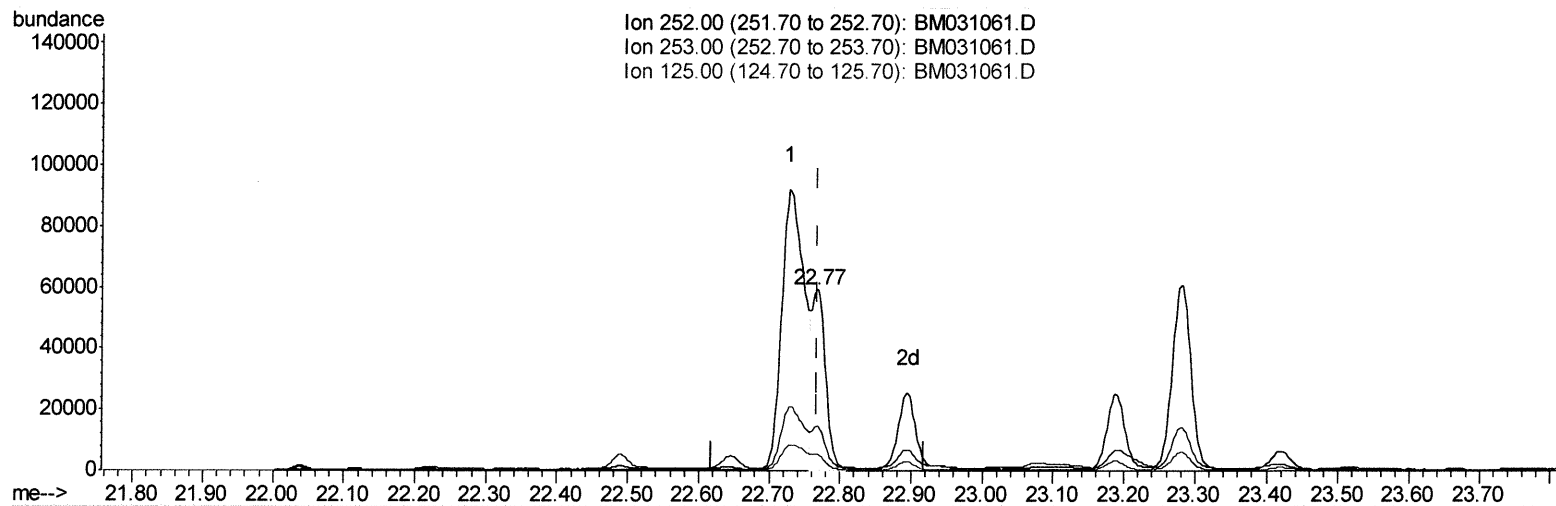
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
 Data File : BM031061.D
 Acq On : 22 Jul 2021 11:37
 Operator : CG/JU
 Sample : M2971-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEA2

Manual Integrations
 APPROVED

mohammad
 7/22/2021 1:30:54 PM

Quant Time: Jul 22 12:39:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 11:33:47 2021
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

22.767min (-0.002) 2.06ng/ul m 07/26/21 JU

response 81640

Ion	Exp%	Act%
252.00	100	100
253.00	27.00	24.46
125.00	10.80	9.03
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
 Data File : BM031061.D
 Acq On : 22 Jul 2021 11:37
 Operator : CG/JU
 Sample : M2971-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEA2

Manual Integrations
 APPROVED

mohammad
 7/22/2021 1:30:54 PM

Quant Time: Jul 22 12:40:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 11:33:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1148	0.40	ng/ul	0.00
4) Naphthalene-d8	10.40	136	4640	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.27	164	3228	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.01	188	7173	0.40	ng/ul	0.00
17) Chrysene-d12	21.20	240	8048	0.40	ng/ul	0.00
23) Perylene-d12	23.37	264	8323	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.21	96	2122	1.76	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.99	152	1405	0.17	ng/ul	0.00
18) Fluoranthene-d10	19.04	212	4762	0.19	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue	Dev(Min)
2) 1,4-Dioxane	3.24	88	34	0.029	ng/ul#	75	
5) Naphthalene	10.45	128	3738	0.270	ng/ul	99	
7) 2-Methylnaphthalene	12.07	142	622	0.062	ng/ul	96	
8) 1-Methylnaphthalene	12.29	142	350	0.036	ng/ul	97	
10) Acenaphthylene	13.99	152	5175	0.392	ng/ul	97	
11) Acenaphthene	14.33	153	2702	0.232	ng/ul	99	
12) Fluorene	15.32	166	3843	0.280	ng/ul	99	
14) Pentachlorophenol	16.66	266	126	0.051	ng/ul	98	
15) Phenanthrene	17.05	178	58765	2.580	ng/ul	99	
16) Anthracene	17.14	178	37571	1.760	ng/ul	97	
19) Fluoranthene	19.07	202	253141	7.813	ng/ul	98	
20) Pyrene	19.44	202	188203	5.690	ng/ul	99	
21) Benzo(a)anthracene	21.18	228	181388	5.643	ng/ul	95	
22) Chrysene	21.23	228	149920	4.309	ng/ul	98	
24) Benzo(b)fluoranthene	22.73	252	202467m	5.174	ng/ul	3	
25) Benzo(k)fluoranthene	22.77	252	81640m	2.056	ng/ul	3	
26) Benzo(a)pyrene	23.28	252	110397	3.263	ng/ul#	91	
27) Indeno(1,2,3-cd)pyrene	25.53	276	70916	1.600	ng/ul#	100	
28) Dibenzo(a,h)anthracene	25.54	278	24221	0.681	ng/ul	98	
29) Benzo(a,h,i)perylene	26.19	276	3635	0.097	ng/ul#	74	

07/26/21 ju

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