

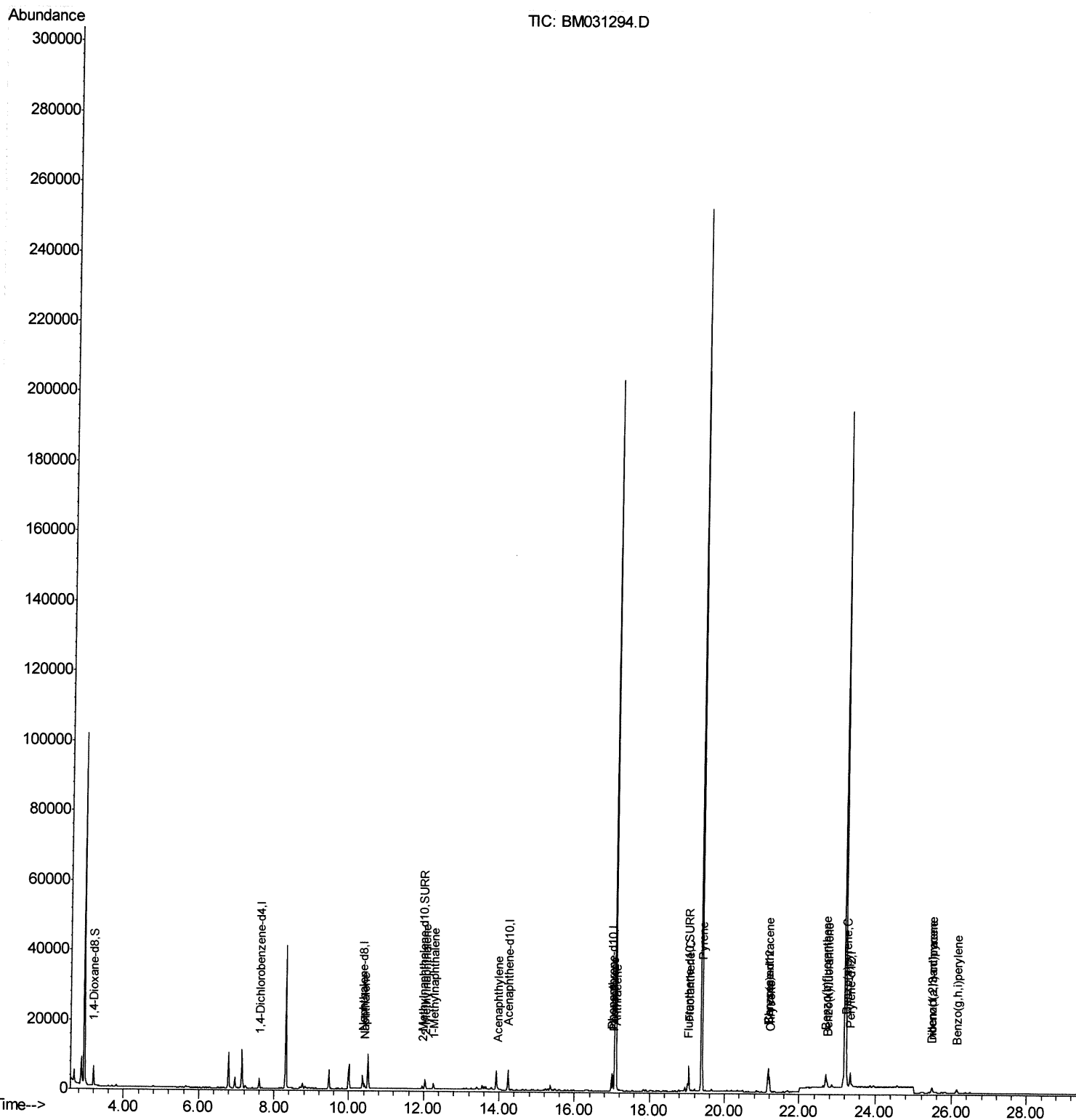
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031294.D
Acq On : 31 Jul 2021 03:29
Operator : CG/JU
Sample : M3091-07
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0045

Manual Integrations
APPROVED

mohammad
8/2/2021 3:40:43 PM

Quant Time: Jul 31 06:09:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 31 05:54:32 2021
Response via : Initial Calibration



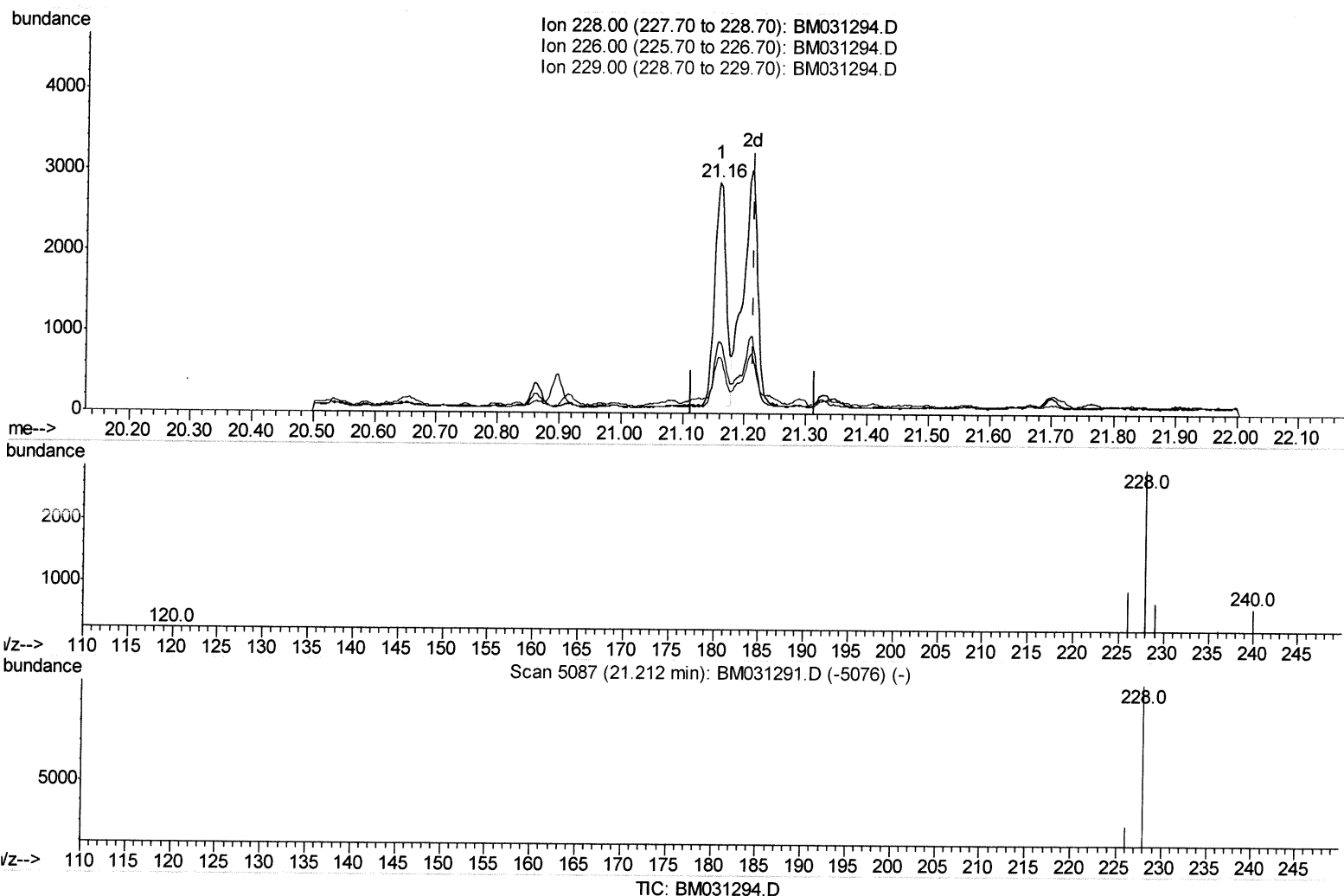
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031294.D
 Acq On : 31 Jul 2021 03:29
 Operator : CG/JU
 Sample : M3091-07
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0045

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:40:43 PM

Quant Time: Jul 31 06:04:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 31 05:54:32 2021
 Response via : Initial Calibration



(22) Chrysene

21.159min (-0.055) 0.17ng/ul

response 3634

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	30.87
229.00	20.20	24.23
0.00	0.00	0.00

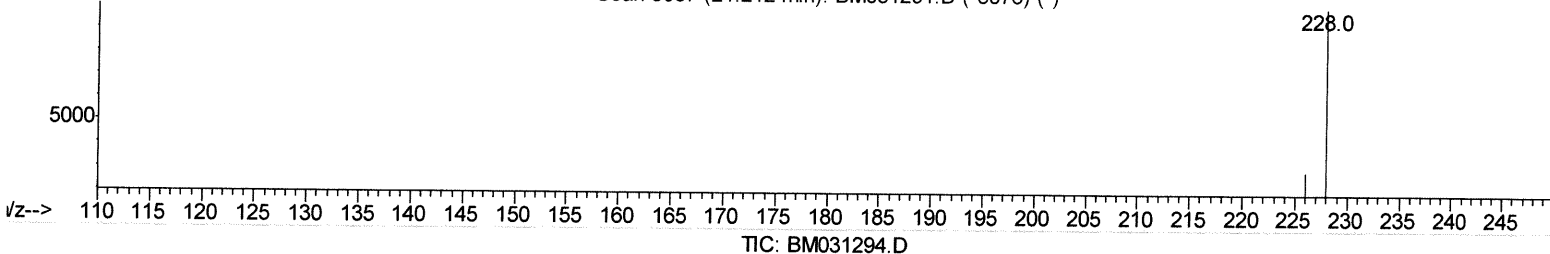
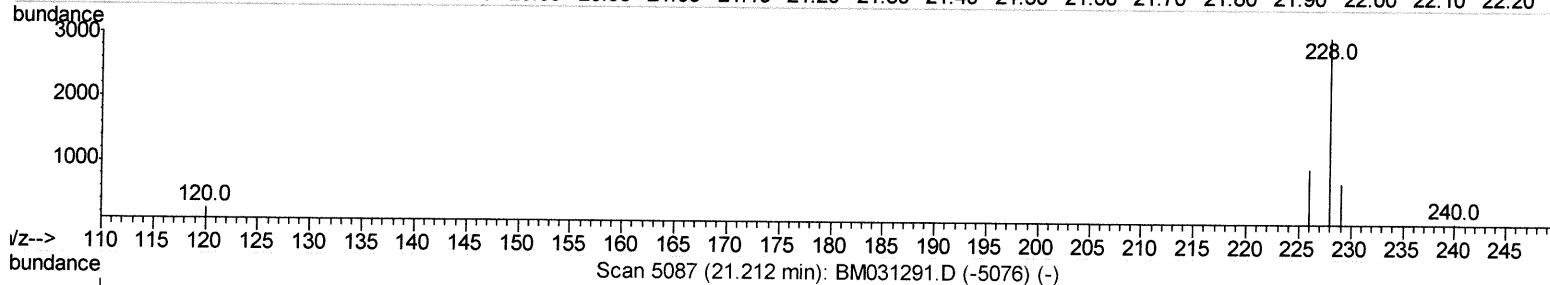
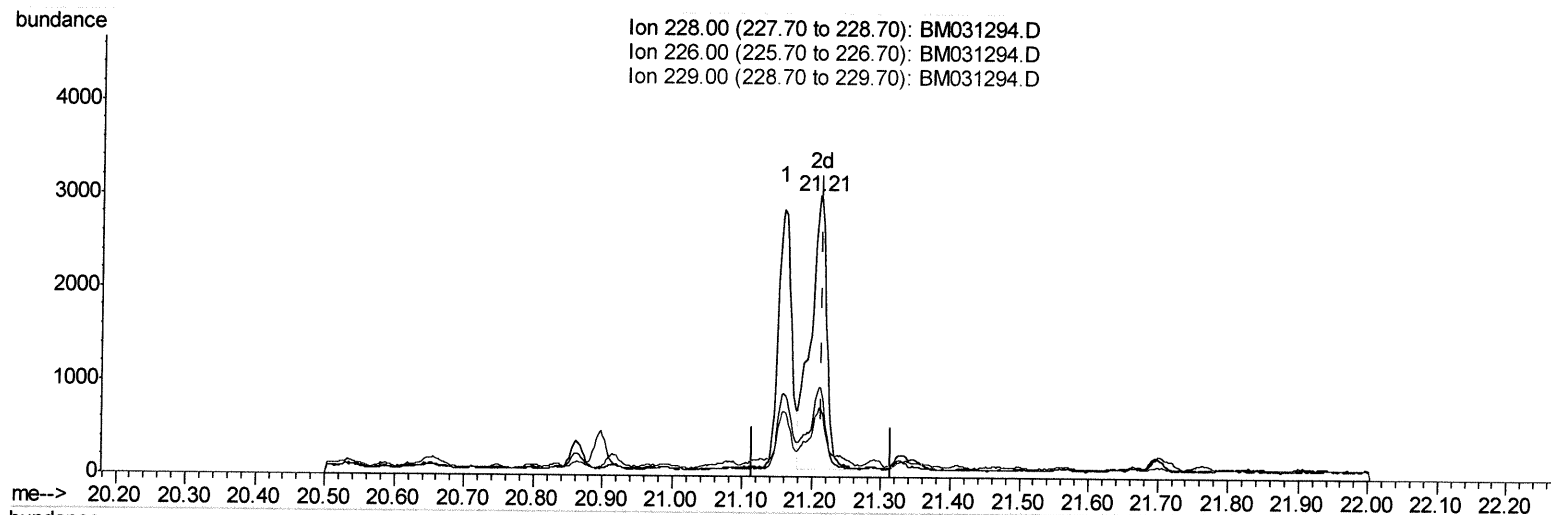
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031294.D
 Acq On : 31 Jul 2021 03:29
 Operator : CG/JU
 Sample : M3091-07
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0045

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:40:43 PM

Quant Time: Jul 31 06:04:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 31 05:54:32 2021
 Response via : Initial Calibration



(22) Chrysene

21.209min (-0.005) 0.23ng/ul m

response 4815

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	31.64
229.00	20.20	24.39#
0.00	0.00	0.00

Handwritten signature: JU 8/3/21

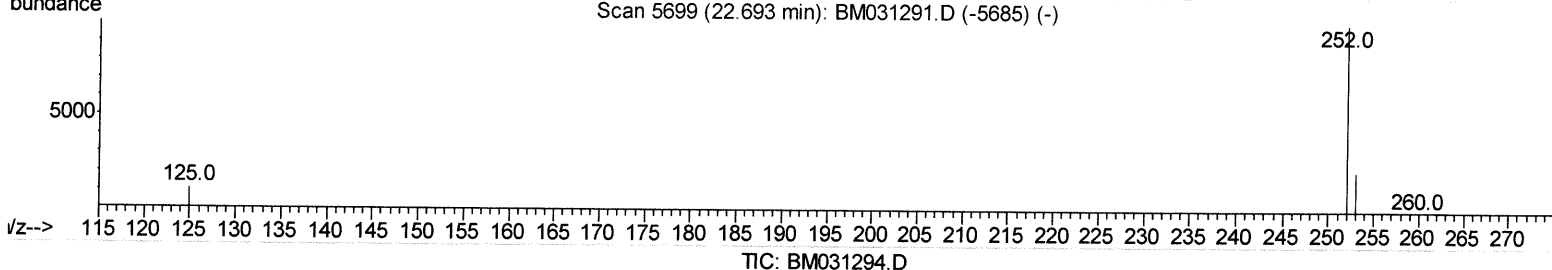
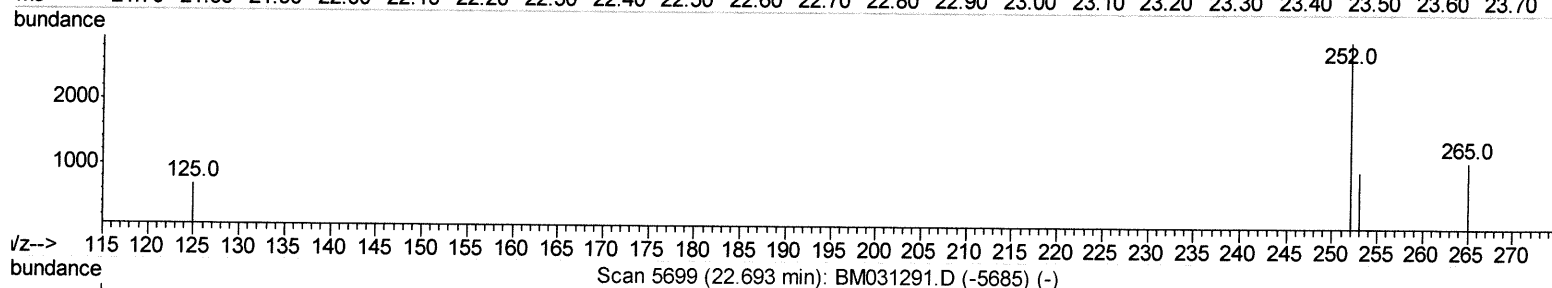
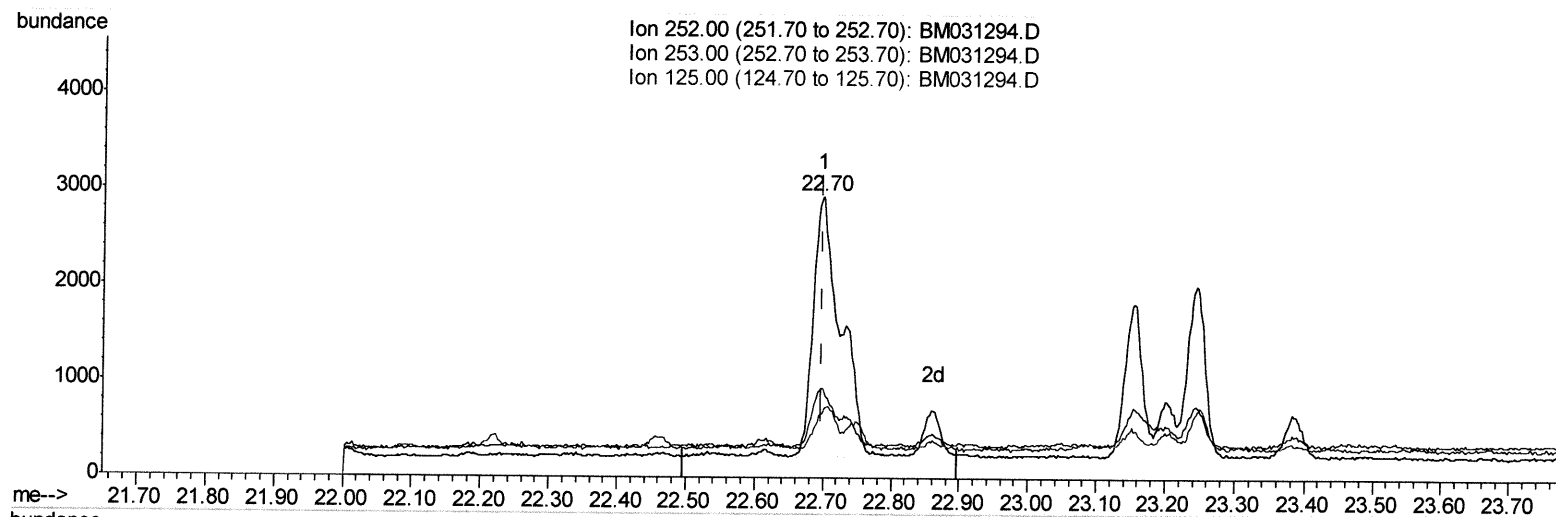
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031294.D
 Acq On : 31 Jul 2021 03:29
 Operator : CG/JU
 Sample : M3091-07
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0045

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:40:43 PM

Quant Time: Jul 31 06:05:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 31 05:54:32 2021
 Response via : Initial Calibration



(24) Benzo(b)fluoranthene

22.699min (+0.000) 0.32ng/ul

response 7615

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	31.80
125.00	11.40	23.36#
0.00	0.00	0.00

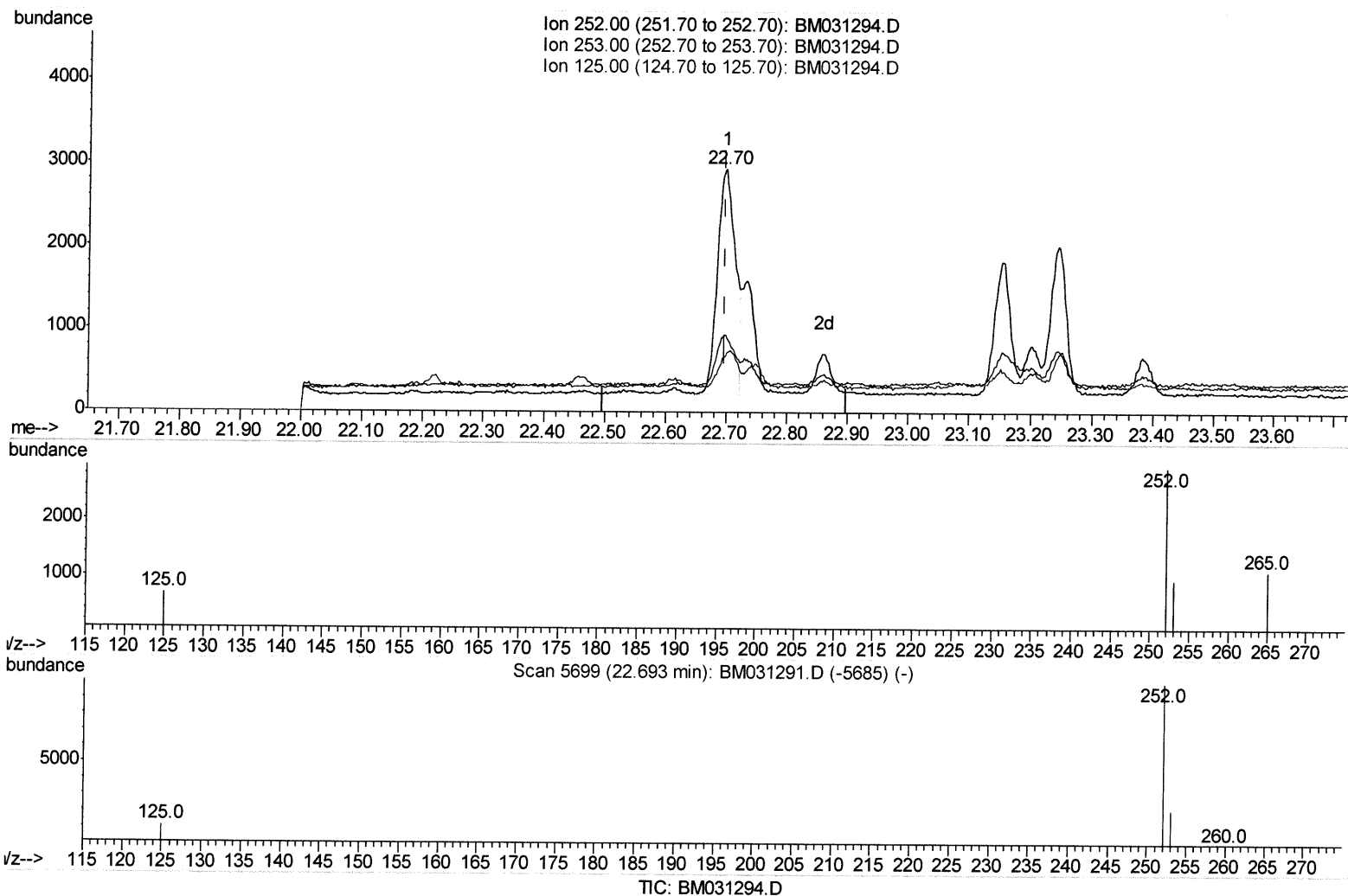
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031294.D
 Acq On : 31 Jul 2021 03:29
 Operator : CG/JU
 Sample : M3091-07
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0045

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:40:43 PM

Quant Time: Jul 31 06:05:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 31 05:54:32 2021
 Response via : Initial Calibration



(24) Benzo(b)fluoranthene

22.699min (+0.000) 0.24ng/ul m

response 5633

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	31.80
125.00	11.40	23.36#
0.00	0.00	0.00

je 8/3/21

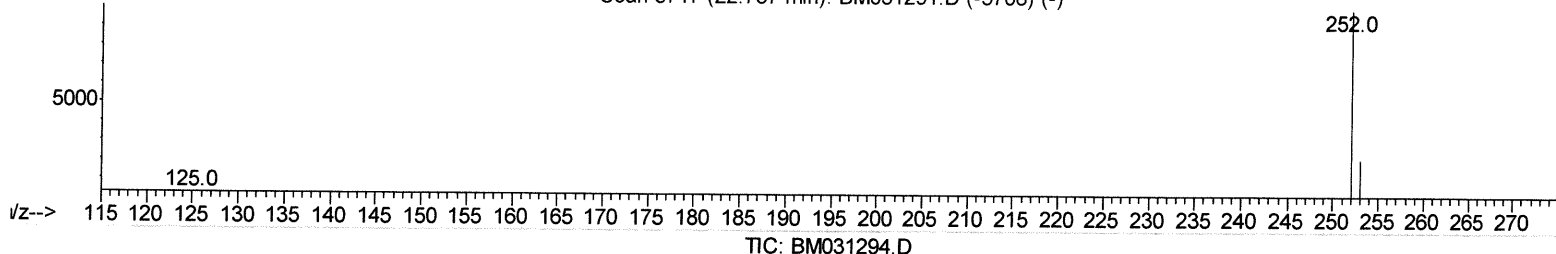
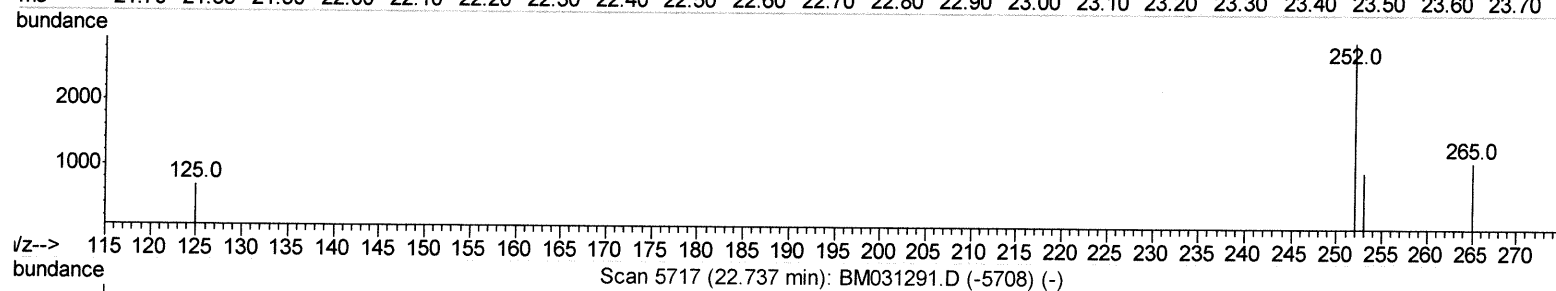
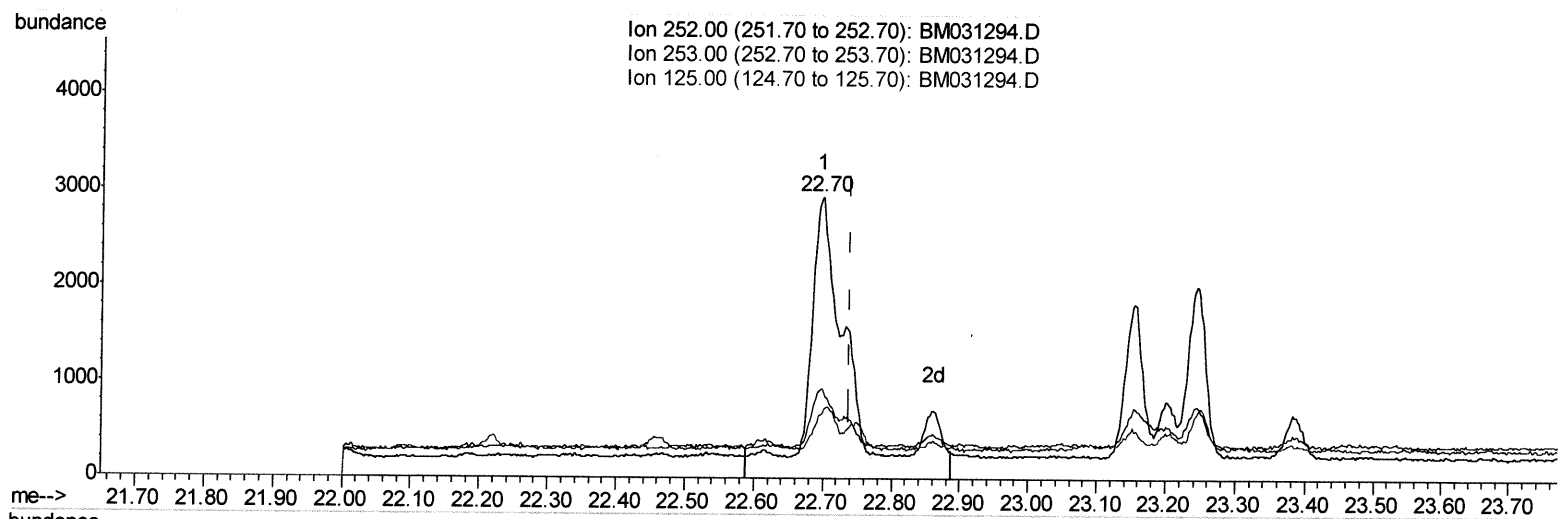
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031294.D
 Acq On : 31 Jul 2021 03:29
 Operator : CG/JU
 Sample : M3091-07
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0045

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:40:43 PM

Quant Time: Jul 31 06:06:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 31 05:54:32 2021
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

22.699min (-0.041) 0.31ng/ul

response 7615

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	31.80
125.00	11.00	23.36#
0.00	0.00	0.00

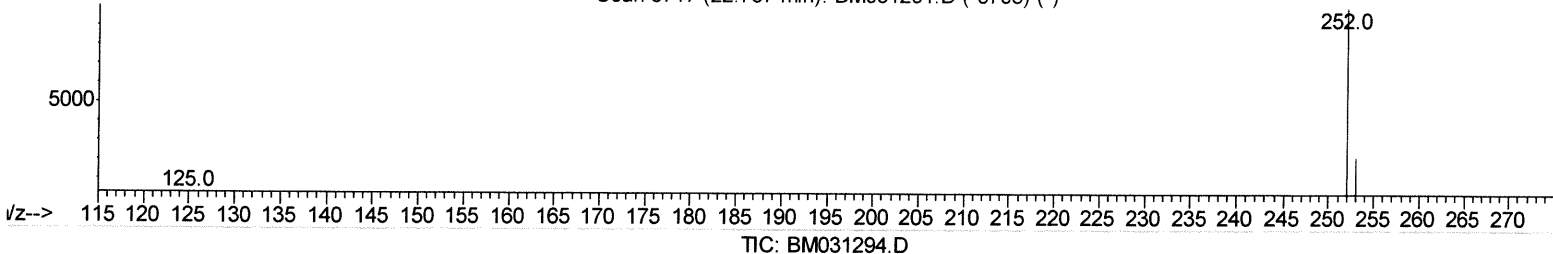
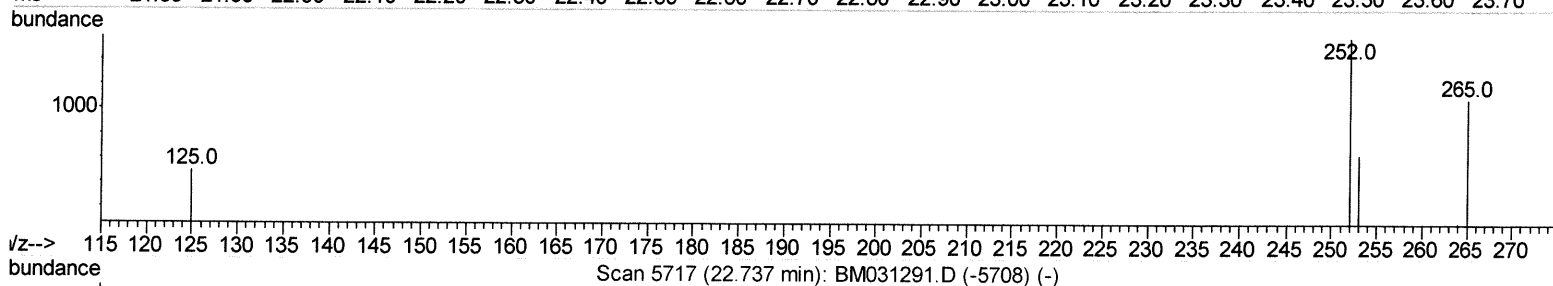
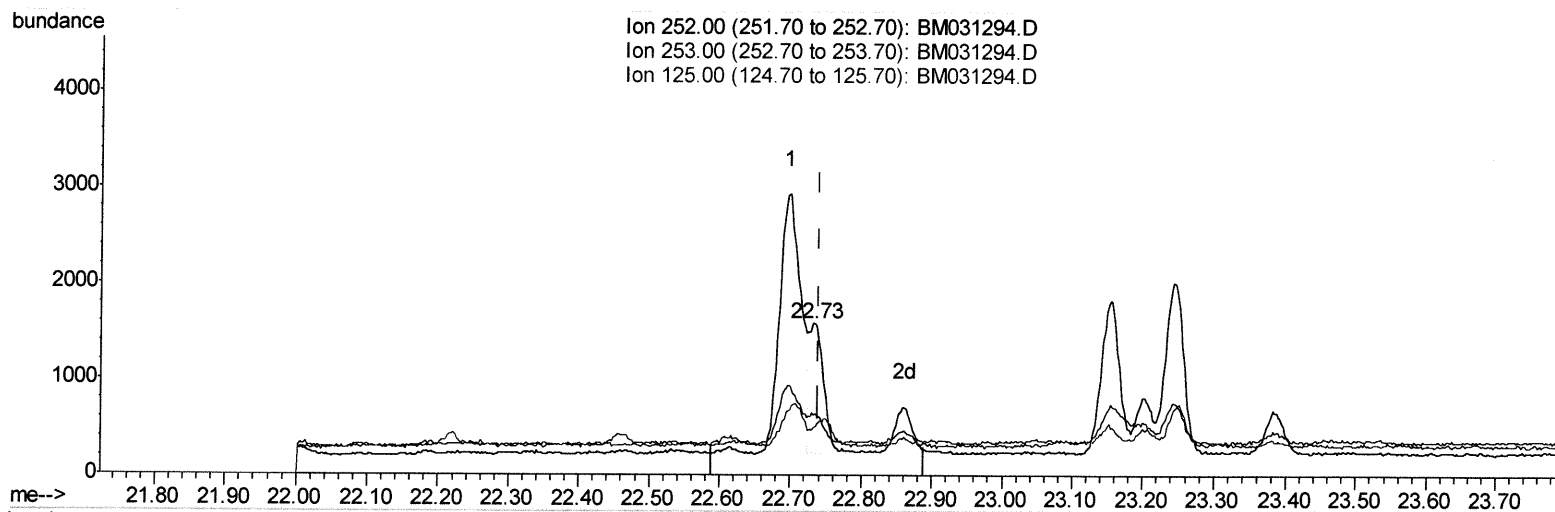
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031294.D
 Acq On : 31 Jul 2021 03:29
 Operator : CG/JU
 Sample : M3091-07
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0045

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:40:43 PM

Quant Time: Jul 31 06:06:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 31 05:54:32 2021
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

22.733min (-0.007) 0.08ng/ul m

response 2031

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	40.00#
125.00	11.00	31.10#
0.00	0.00	0.00

Handwritten signature: Ju 8/3/21

Instrument :
BNA_M
ClientSampleId :
C0045

mohammad
8/2/2021 3:40:43 PM

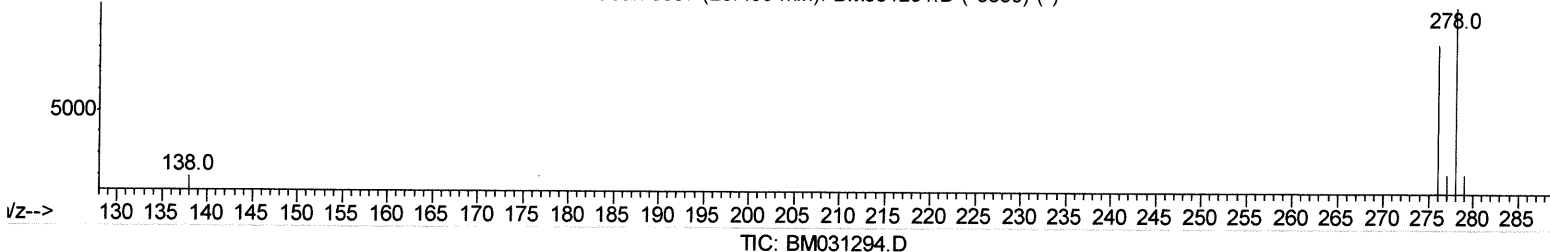
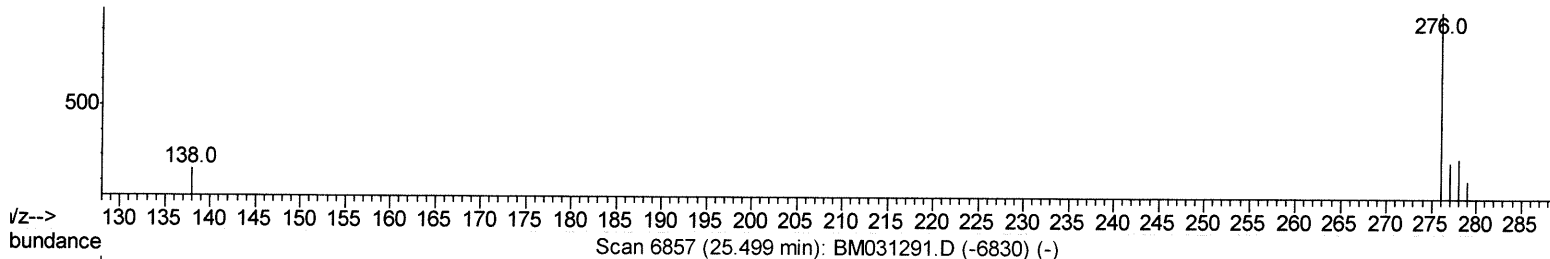
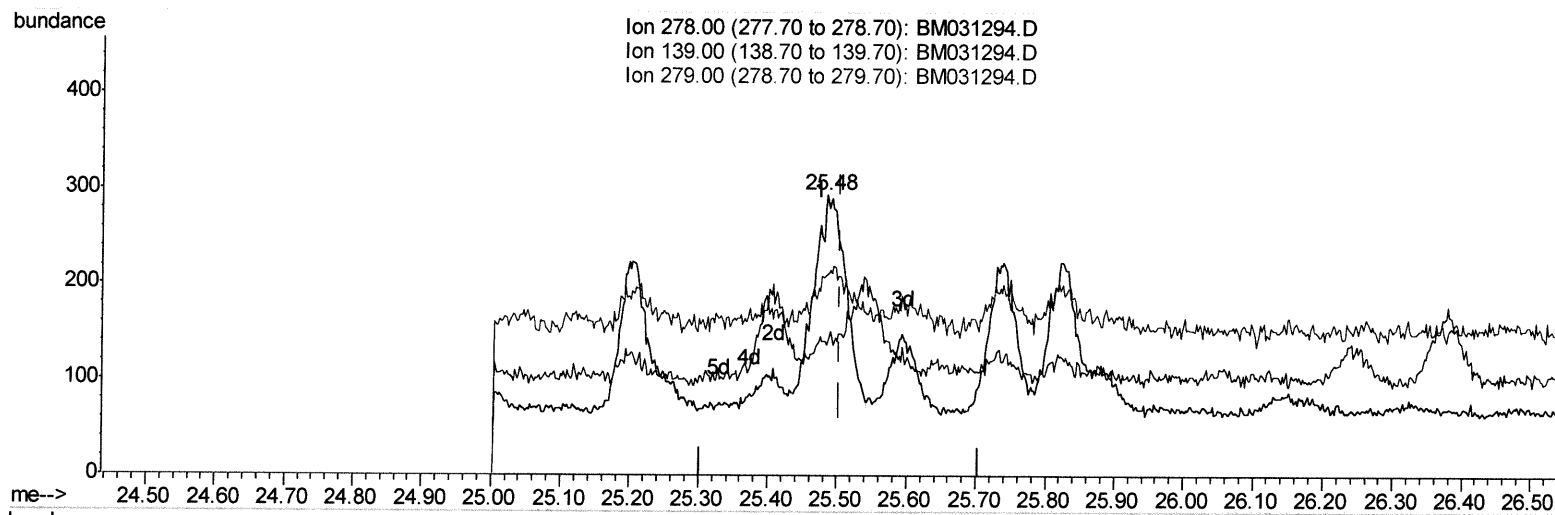
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031294.D
 Acq On : 31 Jul 2021 03:29
 Operator : CG/JU
 Sample : M3091-07
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0045

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:40:43 PM

Quant Time: Jul 31 06:08:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 31 05:54:32 2021
 Response via : Initial Calibration



(28) Dibenzo(a,h)anthracene

25.485min (-0.019) 0.03ng/ul m

response 711

Ion	Exp%	Act%
278.00	100	100
139.00	16.60	46.26#
279.00	28.50	71.43#
0.00	0.00	0.00

Handwritten signature/initials

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031294.D
 Acq On : 31 Jul 2021 03:29
 Operator : CG/JU
 Sample : M3091-07
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0045

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:40:43 PM

Quant Time: Jul 31 06:09:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 31 05:54:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1355	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	4974	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	3046	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.99	188	5946	0.40	ng/ul	0.00
17) Chrysene-d12	21.18	240	4978	0.40	ng/ul	0.00
23) Perylene-d12	23.34	264	5230	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	3595	2.39	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.97	152	1257	0.15	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	2853	0.17	ng/ul	0.00
Target Compounds						
					Ovalue	
5) Naphthalene	10.42	128	1810	0.122	ng/ul#	92
7) 2-Methylnaphthalene	12.04	142	1978	0.195	ng/ul	99
8) 1-Methylnaphthalene	12.26	142	1148	0.115	ng/ul	99
10) Acenaphthylene	13.96	152	733	0.057	ng/ul#	81
15) Phenanthrene	17.03	178	4501	0.238	ng/ul	99
16) Anthracene	17.12	178	874	0.049	ng/ul#	81
19) Fluoranthene	19.05	202	6434	0.303	ng/ul#	96
20) Pyrene	19.41	202	6089	0.282	ng/ul#	94
21) Benzo(a)anthracene	21.16	228	3637	0.181	ng/ul#	91
22) Chrysene	21.21	228	4815m	0.232	ng/ul	} Ju 8/3/21
24) Benzo(b)fluoranthene	22.70	252	5633m	0.239	ng/ul	
25) Benzo(k)fluoranthene	22.73	252	2031m	0.083	ng/ul	
26) Benzo(a)pyrene	23.24	252	3116	0.151	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	25.48	276	2258	0.085	ng/ul#	86
28) Dibenzo(a,h)anthracene	25.48	278	711m	0.033	ng/ul	} Ju 8/3/21
29) Benzo(a,h,i)perylene	26.14	276	1933	0.085	ng/ul#	

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