

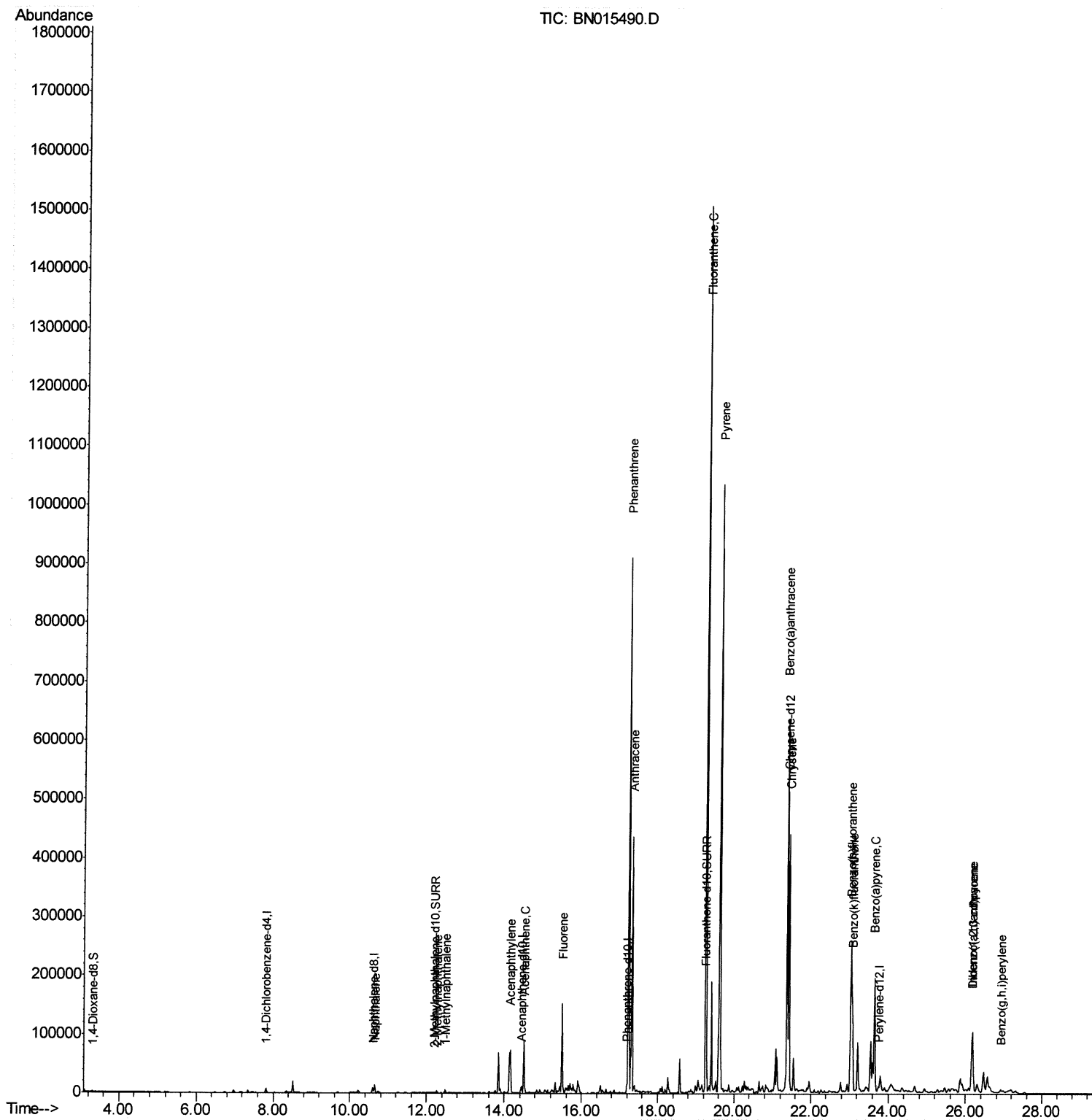
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015490.D
Acq On : 12 Jul 2021 15:18
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDS2DL

Manual Integrations
APPROVED

mohammad
7/13/2021 1:43:54 PM

Quant Time: Jul 12 15:48:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration



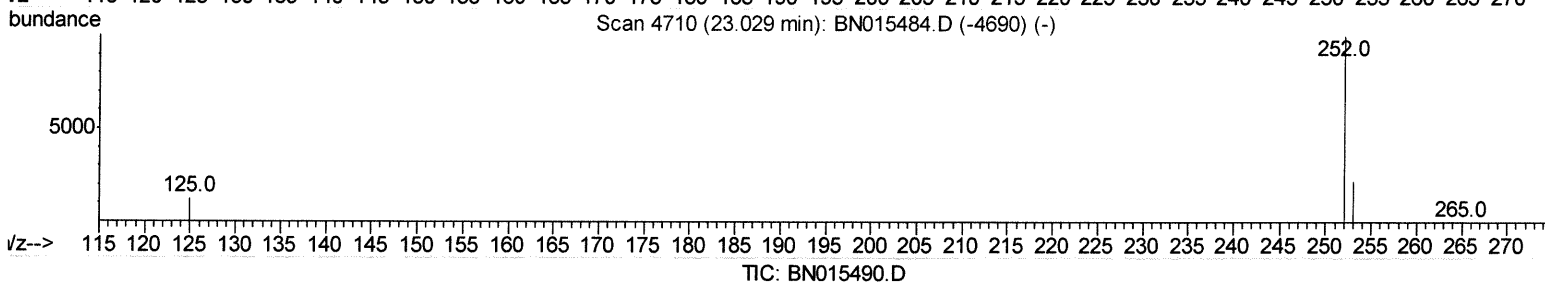
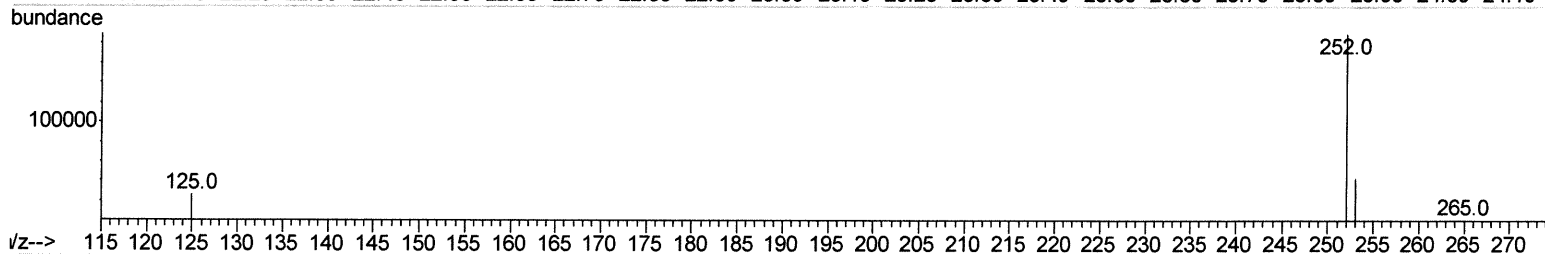
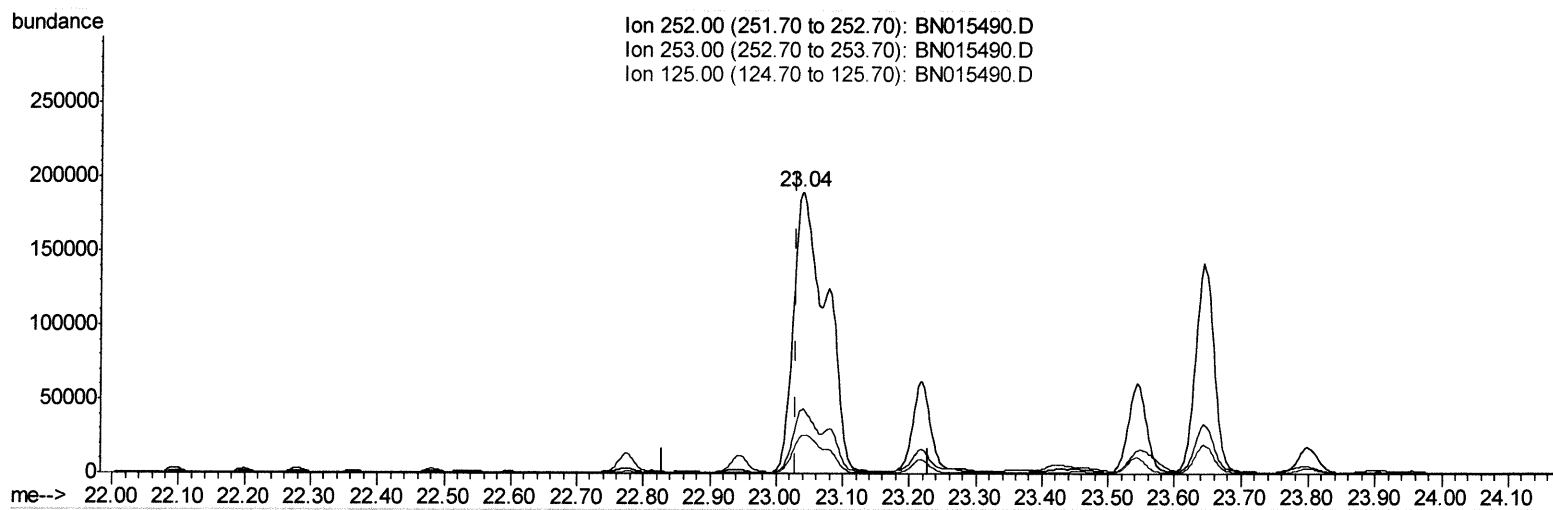
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
 Data File : BN015490.D
 Acq On : 12 Jul 2021 15:18
 Operator : CG/JU
 Sample : M2808-11DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDS2DL

Manual Integrations
 APPROVED

mohammad
 7/13/2021 1:43:54 PM

Quant Time: Jul 12 15:47:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 11:02:52 2021
 Response via : Initial Calibration



(24) Benzo(b)fluoranthene

23.038min (+0.009) 13.71ng/ul

response 647993

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.94
125.00	14.20	13.57
0.00	0.00	0.00

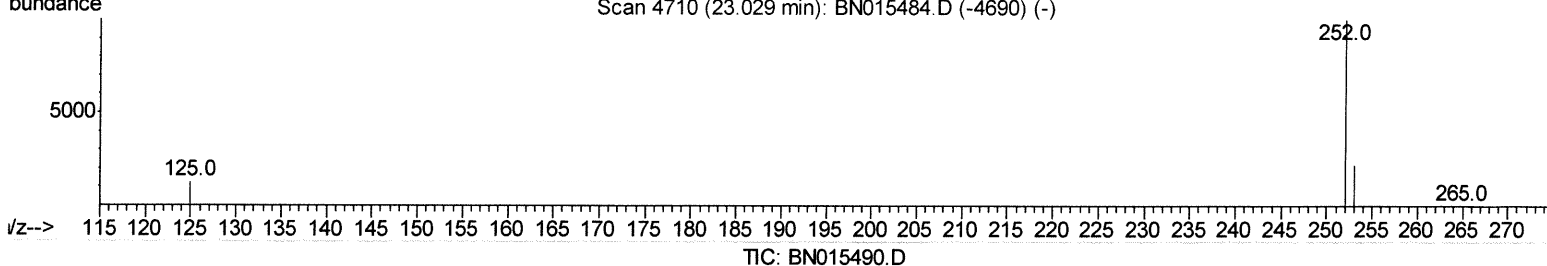
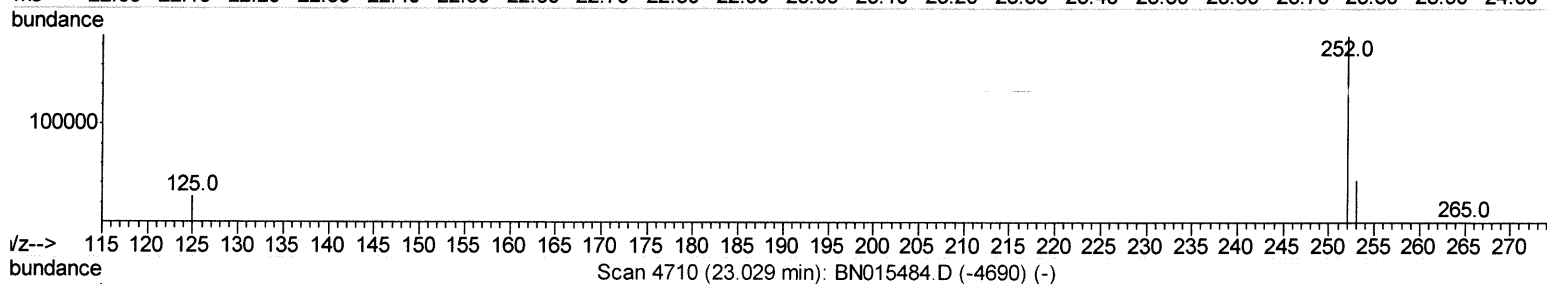
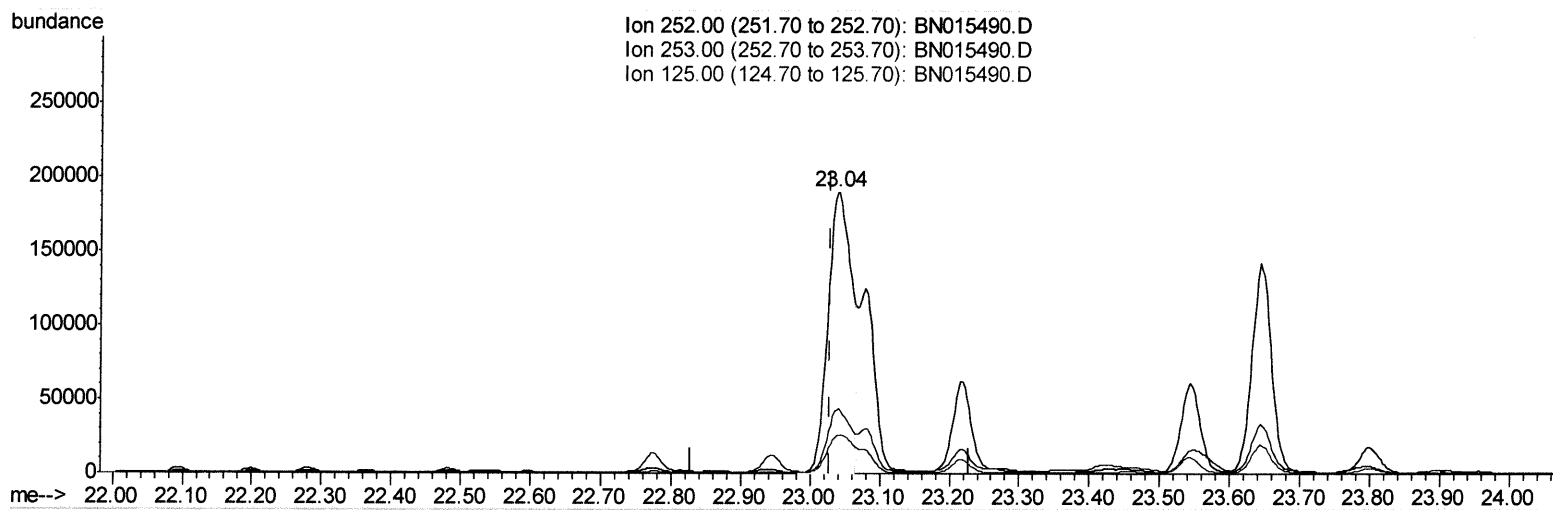
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
 Data File : BN015490.D
 Acq On : 12 Jul 2021 15:18
 Operator : CG/JU
 Sample : M2808-11DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDS2DL

Manual Integrations
 APPROVED

mohammad
 7/13/2021 1:43:54 PM

Quant Time: Jul 12 15:47:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 11:02:52 2021
 Response via : Initial Calibration



(24) Benzo(b)fluoranthene

23.038min (+0.009) 9.26ng/ul m

response 438020

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.94
125.00	14.20	13.57
0.00	0.00	0.00

Handwritten: 7/14/21

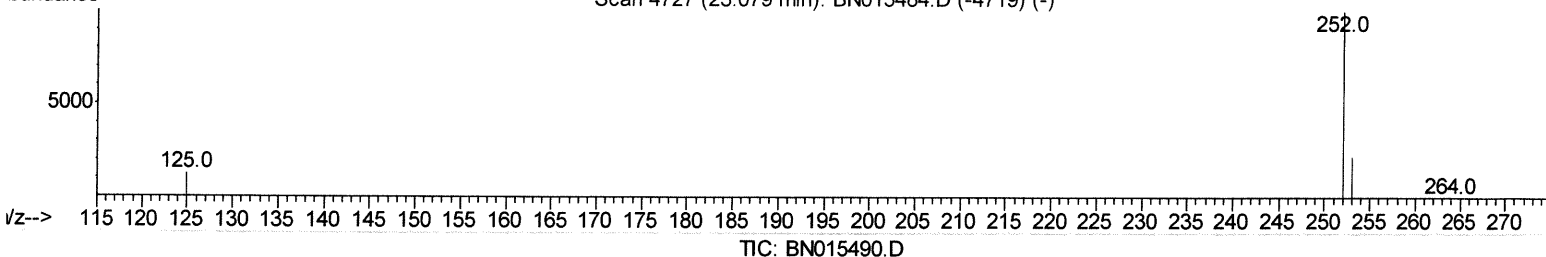
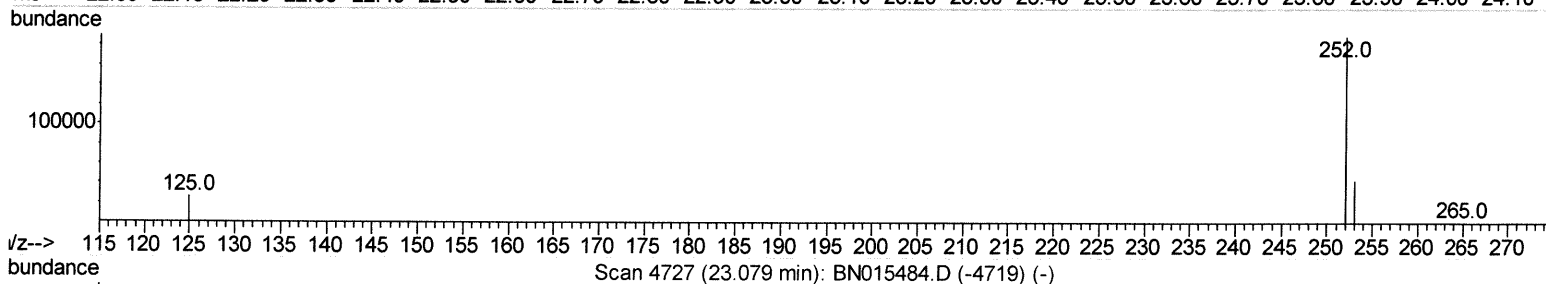
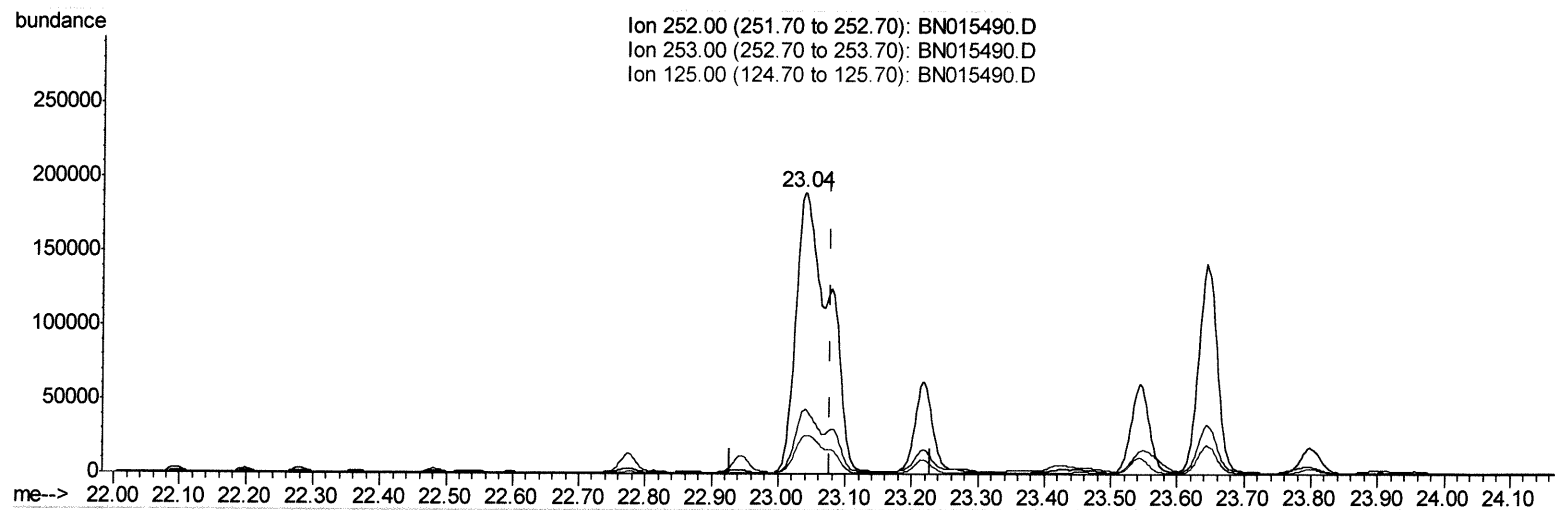
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
 Data File : BN015490.D
 Acq On : 12 Jul 2021 15:18
 Operator : CG/JU
 Sample : M2808-11DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDS2DL

Manual Integrations
 APPROVED

mohammad
 7/13/2021 1:43:54 PM

Quant Time: Jul 12 15:47:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 11:02:52 2021
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

23.038min (-0.041) 12.14ng/ul

response 647993

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.94
125.00	14.40	13.57
0.00	0.00	0.00

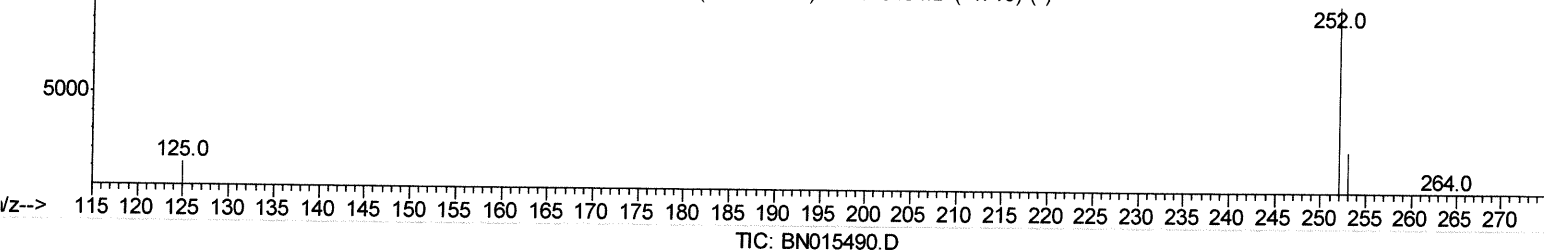
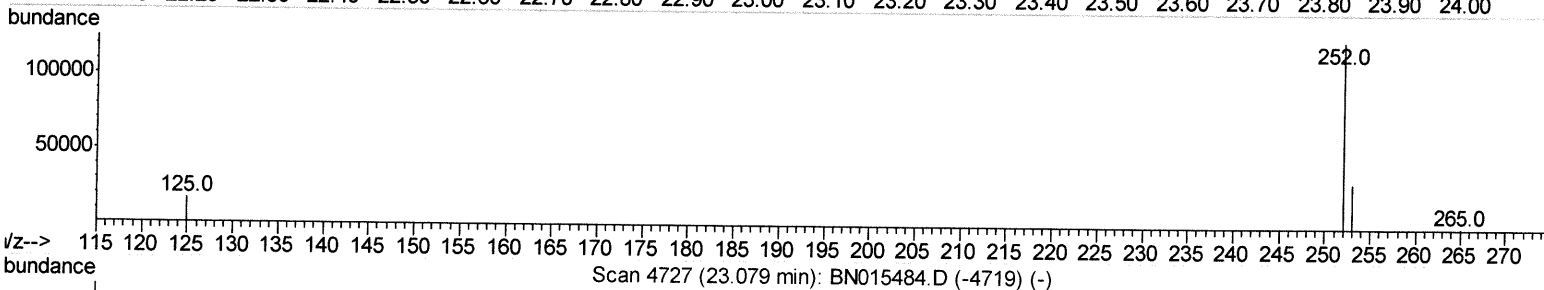
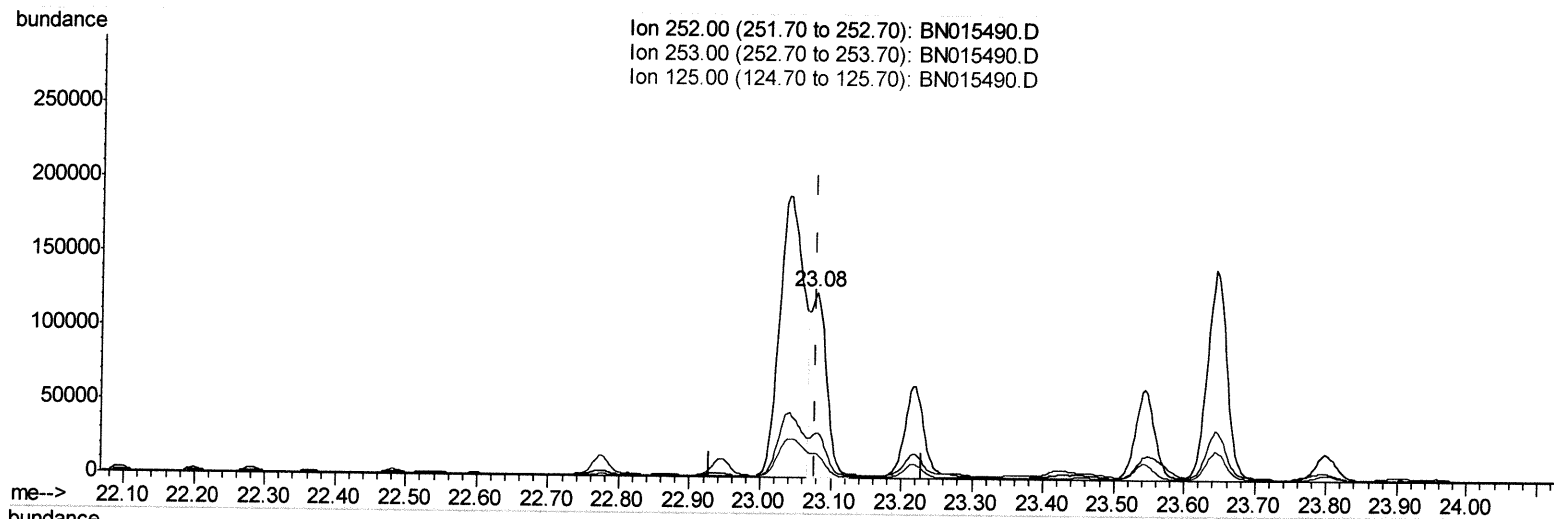
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
 Data File : BN015490.D
 Acq On : 12 Jul 2021 15:18
 Operator : CG/JU
 Sample : M2808-11DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDS2DL

Manual Integrations
 APPROVED

mohammad
 7/13/2021 1:43:54 PM

Quant Time: Jul 12 15:47:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 11:02:52 2021
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

23.079min (+0.000) 3.64ng/ul m

response 194014

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	24.18
125.00	14.40	12.98
0.00	0.00	0.00

Handwritten: 7/14/21

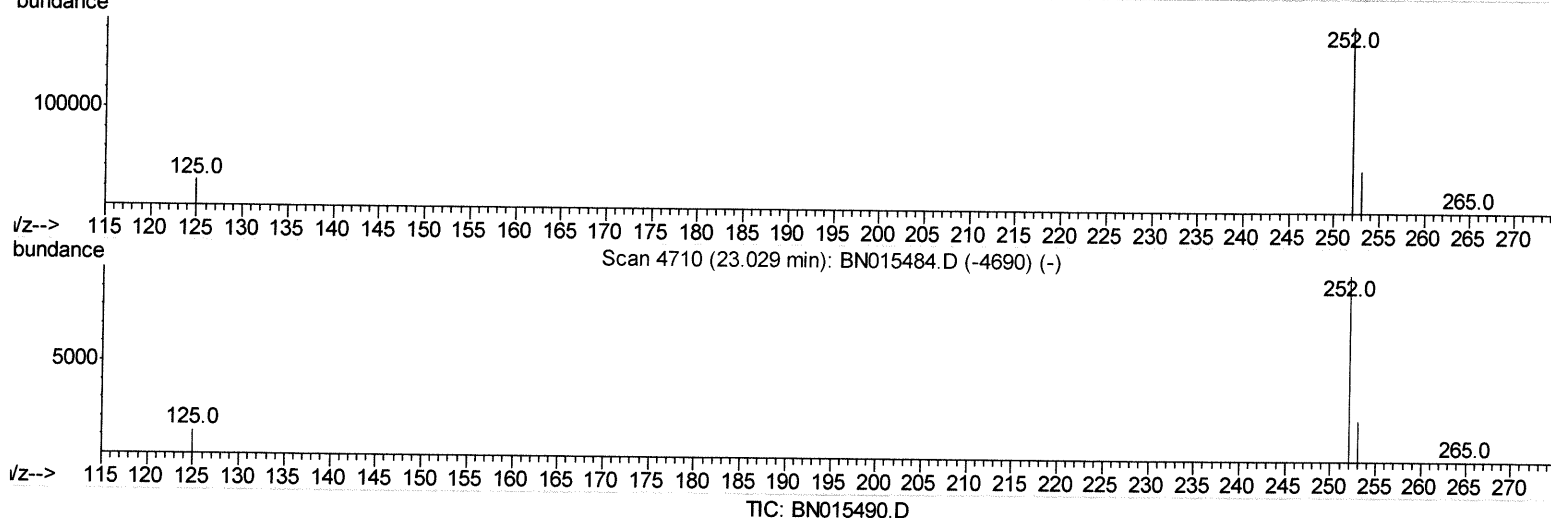
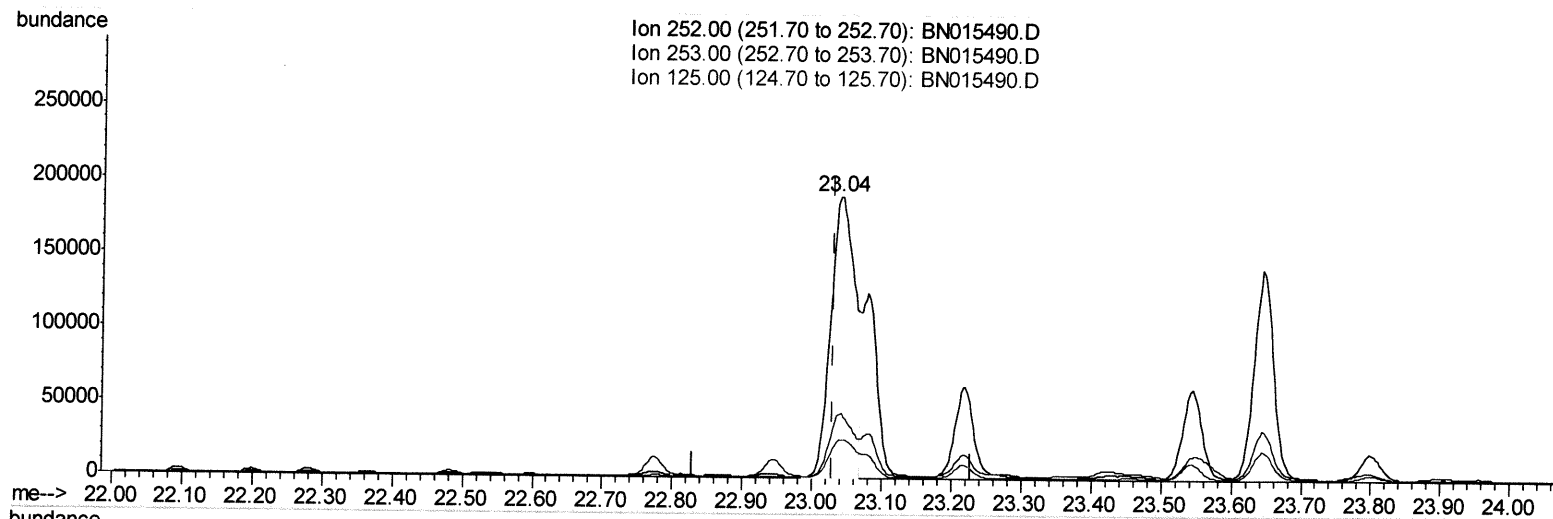
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
 Data File : BN015490.D
 Acq On : 12 Jul 2021 15:18
 Operator : CG/JU
 Sample : M2808-11DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDS2DL

Manual Integrations
 APPROVED

mohammad
 7/13/2021 1:43:54 PM

Quant Time: Jul 12 15:47:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 11:02:52 2021
 Response via : Initial Calibration



(24) Benzo(b)fluoranthene

23.038min (+0.009) 9.67ng/ul m

response 457394

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.94
125.00	14.20	13.57
0.00	0.00	0.00

5/27/14/21

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
 Data File : BN015490.D
 Acq On : 12 Jul 2021 15:18
 Operator : CG/JU
 Sample : M2808-11DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDS2DL

Manual Integrations
 APPROVED

mohammad
 7/13/2021 1:43:54 PM

Quant Time: Jul 12 15:48:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 11:02:52 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	3270	0.40	ng/ul	0.00
4) Naphthalene-d8	10.60	136	11492	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.45	164	6358	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.19	188	12267	0.40	ng/ul	0.00
17) Chrysene-d12	21.39	240	9417	0.40	ng/ul	0.00
23) Perylene-d12	23.75	264	10120	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	2005	0.54	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.19	152	732	0.04	ng/ul	0.00
18) Fluoranthene-d10	19.23	212	1942	0.06	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.65	128	18556	0.506	ng/ul	100
7) 2-Methylnaphthalene	12.27	142	2644	0.110	ng/ul	100
8) 1-Methylnaphthalene	12.48	142	3527	0.152	ng/ul	99
10) Acenaphthylene	14.16	152	86767	2.640	ng/ul	99
11) Acenaphthene	14.51	153	51717	2.053	ng/ul	99
12) Fluorene	15.50	166	93994	3.377	ng/ul	99
15) Phenanthrene	17.24	178	1000893	22.481	ng/ul	99
16) Anthracene	17.33	178	445556	11.351	ng/ul	99
19) Fluoranthene	19.26	202	1265694	29.087	ng/ul	97
20) Pyrene	19.62	202	883105	20.235	ng/ul	98
21) Benzo(a)anthracene	21.38	228	531628	15.240	ng/ul	94
22) Chrysene	21.43	228	412159	9.869	ng/ul	98
24) Benzo(b)fluoranthene	23.04	252	457394m	9.675	ng/ul	} 74 > 114/21
25) Benzo(k)fluoranthene	23.08	252	194014m	3.636	ng/ul	
26) Benzo(a)pyrene	23.64	252	273287	6.882	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.17	276	164874	3.438	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.18	278	50201	1.335	ng/ul	95
29) Benzo(a,h,i)perylene	26.91	276	13153	0.296	ng/ul#	87

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