

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
 Data File : BN015456.D
 Acq On : 09 Jul 2021 21:14
 Operator : CG/JU
 Sample : M2854-06DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDS8DL

Manual Integrations
 APPROVED

mohammad
 7/12/2021 9:33:17 AM

Quant Time: Jul 10 00:51:15 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 : Thu Jul 08 11:17:31 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	3214	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	11156	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.33	164	6095	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.09	188	11925	0.40	ng/ul	0.00
17) Chrysene-d12	21.28	240	9612	0.40	ng/ul	0.00
23) Perylene-d12	23.52	264	9031	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	1500	0.41	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.07	152	645	0.04	ng/ul	0.00
18) Fluoranthene-d10	19.12	212	1527	0.05	ng/ul	0.00
Target Compounds						
					Ovalue	
5) Naphthalene	10.53	128	30618	0.860	ng/ul	99
7) 2-Methylnaphthalene	12.15	142	7730	0.332	ng/ul	100
8) 1-Methylnaphthalene	12.37	142	6675	0.296	ng/ul	99
10) Acenaphthylene	14.05	152	77165	2.449	ng/ul	100
11) Acenaphthene	14.40	153	17504	0.725	ng/ul	99
12) Fluorene	15.39	166	63407	2.376	ng/ul	99
15) Phenanthrene	17.12	178	734361	16.967	ng/ul	100
16) Anthracene	17.22	178	213475	5.594	ng/ul	99
19) Fluoranthene	19.15	202	919923	20.712	ng/ul	99
20) Pyrene	19.51	202	641852	14.409	ng/ul	99
21) Benzo(a)anthracene	21.27	228	361156	10.143	ng/ul	97
22) Chrysene	21.32	228	304116	7.135	ng/ul	98
24) Benzo(b)fluoranthene	22.85	252	308677m	7.316	ng/ul	
25) Benzo(k)fluoranthene	22.89	252	132545m	2.783	ng/ul	
26) Benzo(a)pyrene	23.42	252	175125	4.942	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.77	276	110687	2.586	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.78	278	35391	1.055	ng/ul	98
29) Benzo(a,h,i)perylene	26.45	276	6879	0.173	ng/ul#	87

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

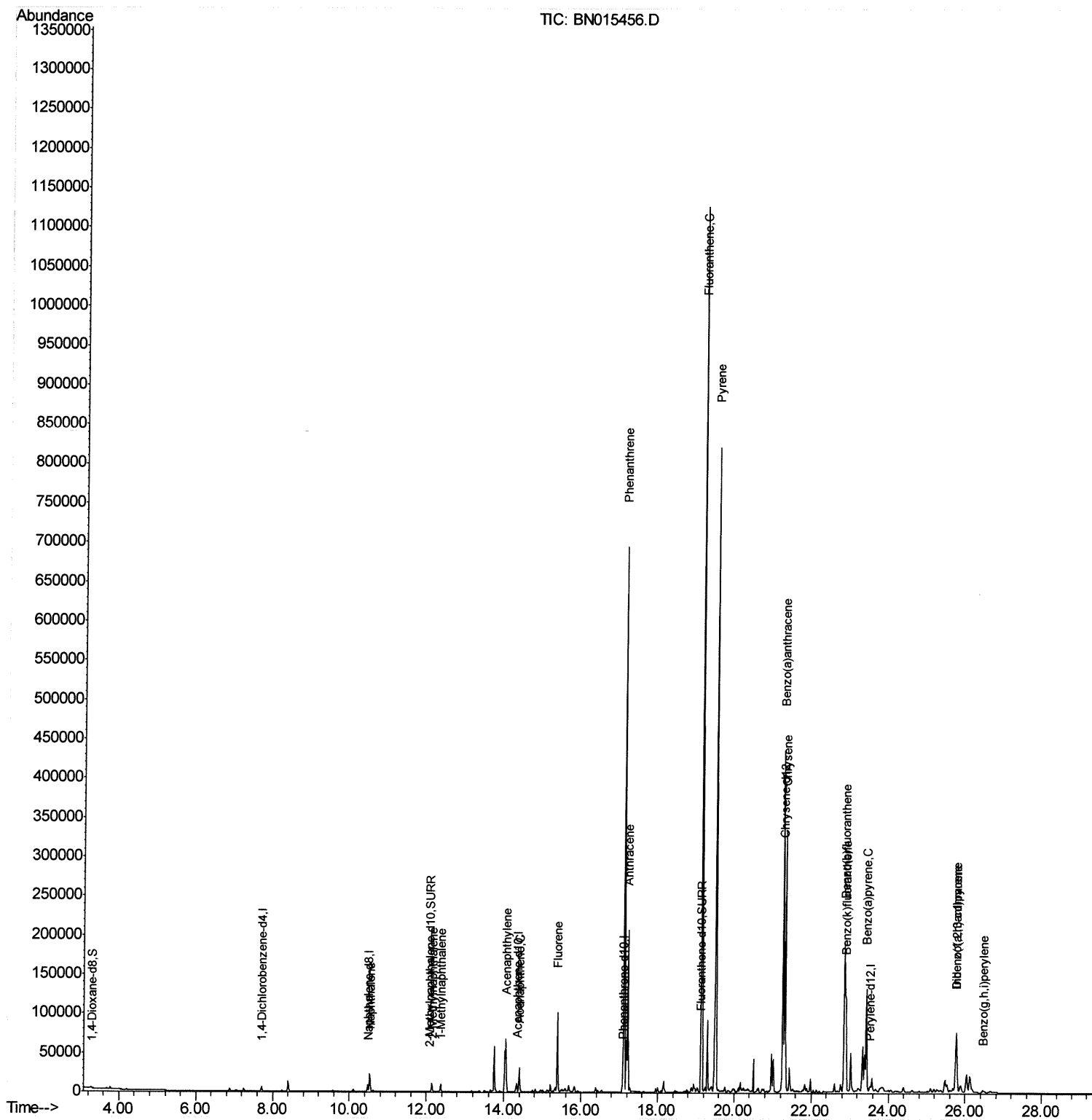
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015456.D
Acq On : 09 Jul 2021 21:14
Operator : CG/JU
Sample : M2854-06DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDS8DL

Manual Integrations
APPROVED

mohammad
7/12/2021 9:33:17 AM

Quant Time: Jul 10 00:51:15 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 : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration



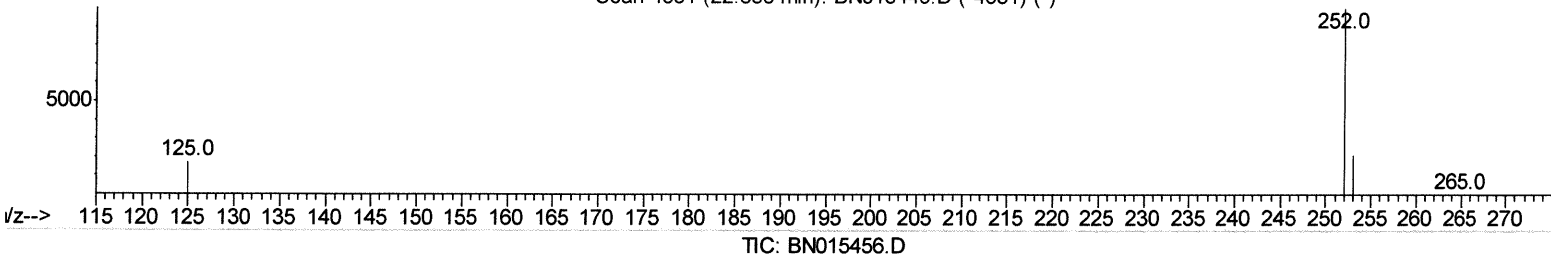
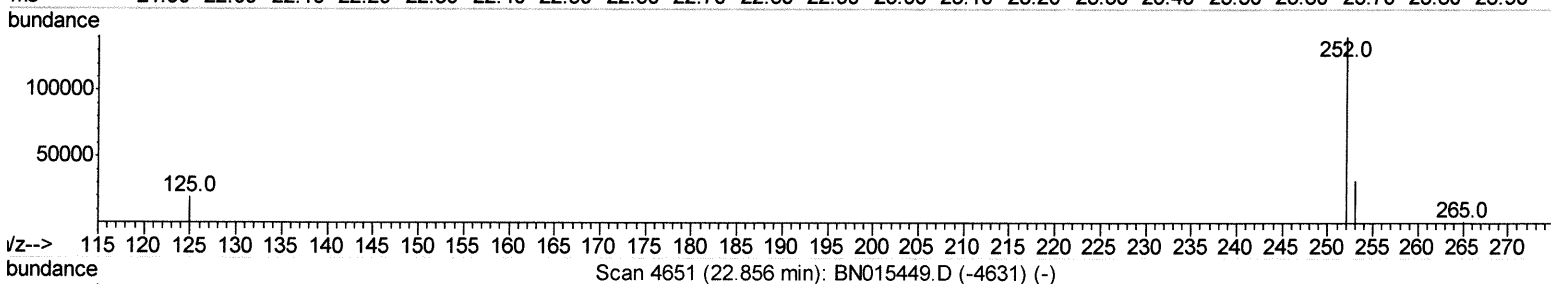
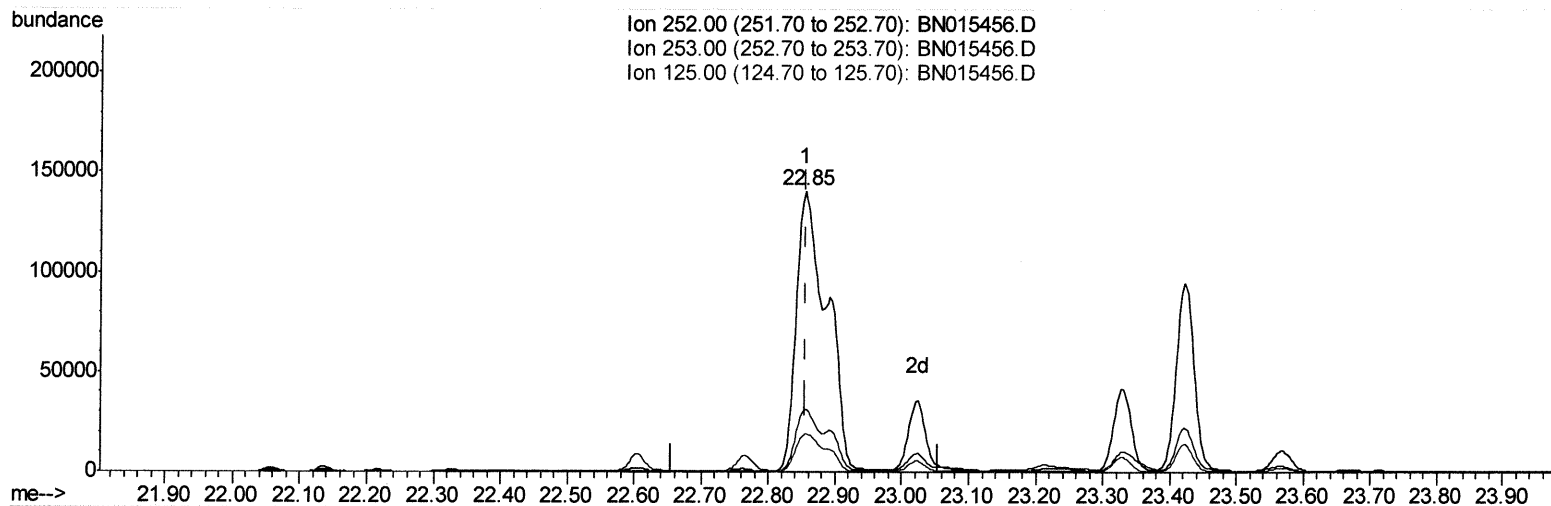
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
 Data File : BN015456.D
 Acq On : 09 Jul 2021 21:14
 Operator : CG/JU
 Sample : M2854-06DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDS8DL

Manual Integrations
 APPROVED

mohammad
 7/12/2021 9:33:17 AM

Quant Time: Jul 10 00:28:21 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 : Thu Jul 08 11:17:31 2021
 Response via : Initial Calibration



(24) Benzo(b)fluoranthene
 22.854min (-0.002) 10.54ng/ul

response 444697

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.34
125.00	14.20	13.55
0.00	0.00	0.00

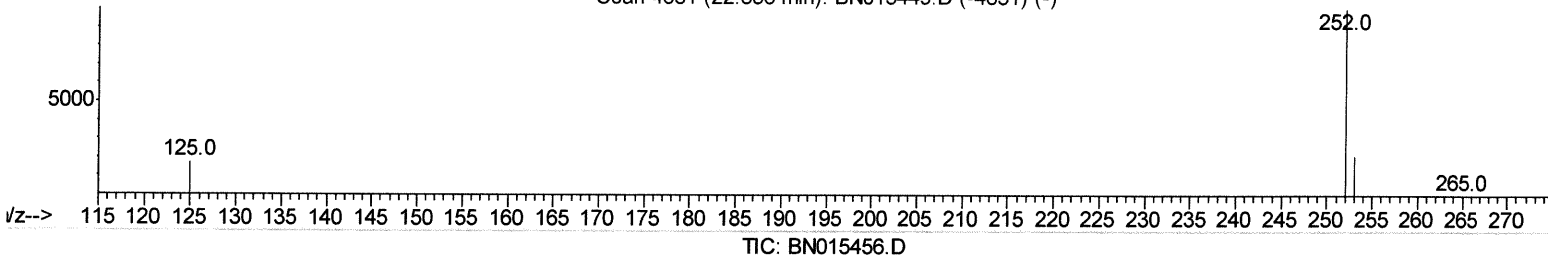
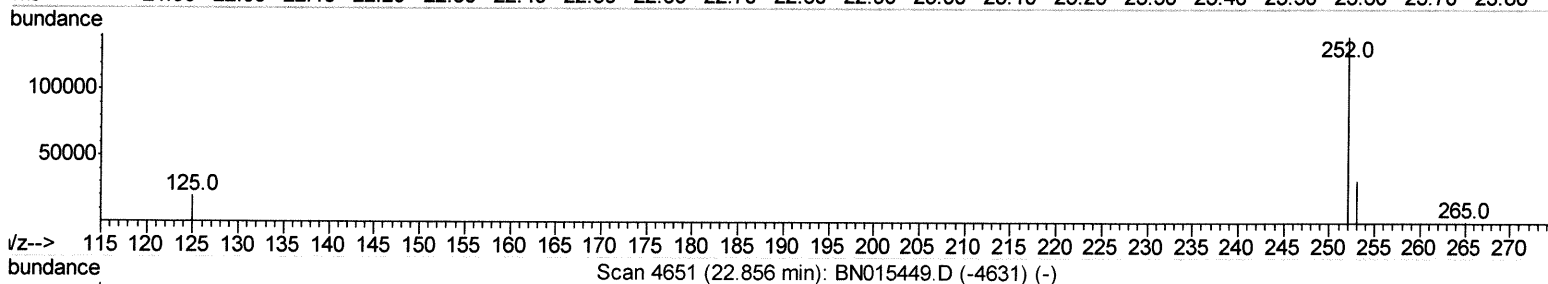
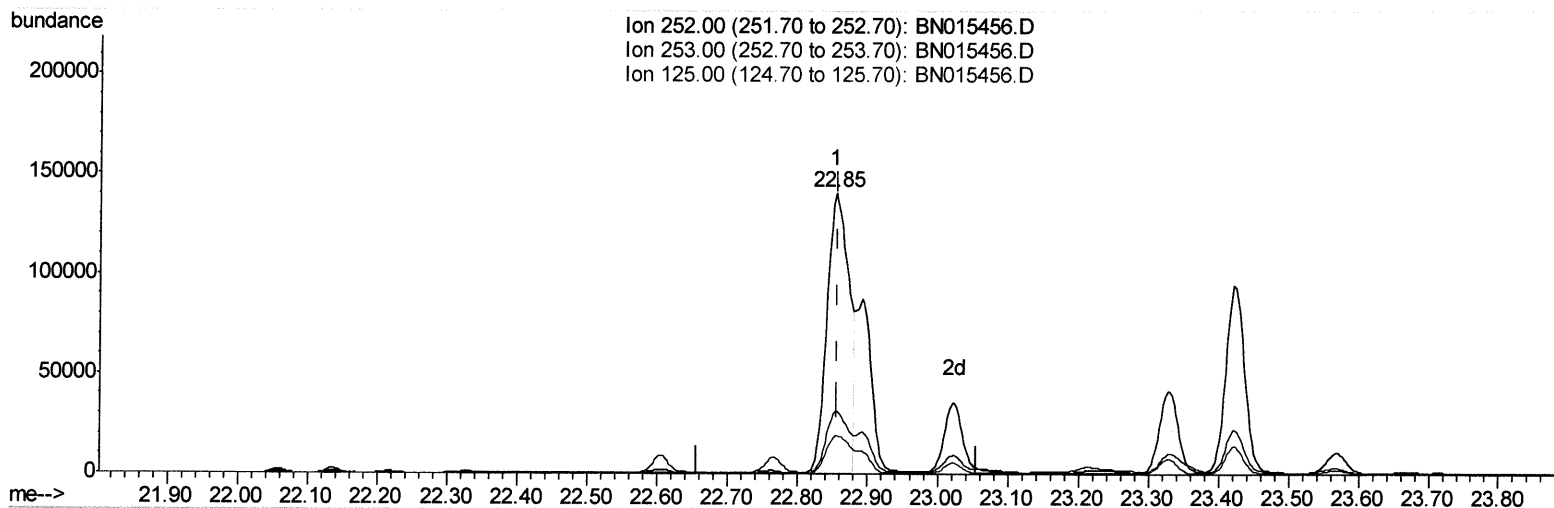
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
 Data File : BN015456.D
 Acq On : 09 Jul 2021 21:14
 Operator : CG/JU
 Sample : M2854-06DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDS8DL

Manual Integrations
 APPROVED

mohammad
 7/12/2021 9:33:17 AM

Quant Time: Jul 10 00:28:21 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 : Thu Jul 08 11:17:31 2021
 Response via : Initial Calibration



(24) Benzo(b)fluoranthene

22.854min (-0.002) 7.32ng/ul m

response 308677

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.34
125.00	14.20	13.55
0.00	0.00	0.00

347/14/21

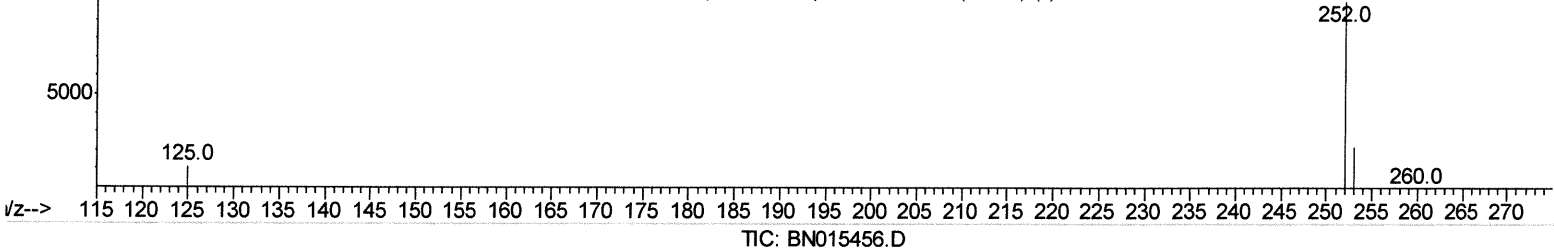
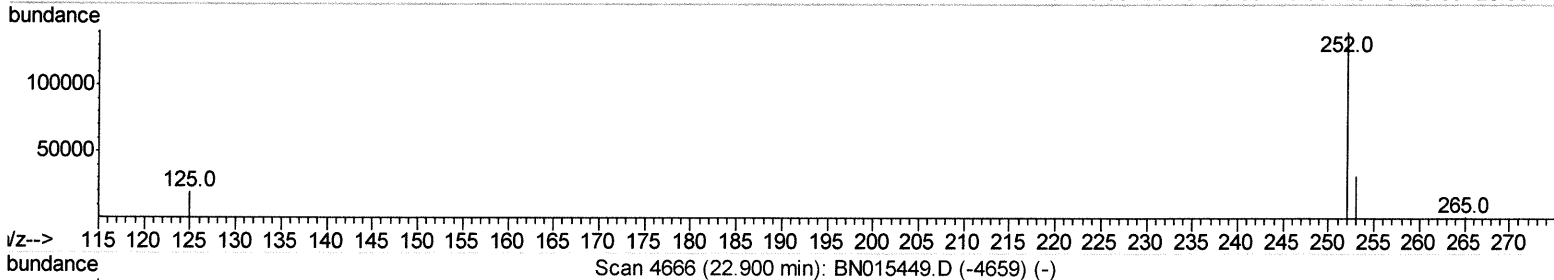
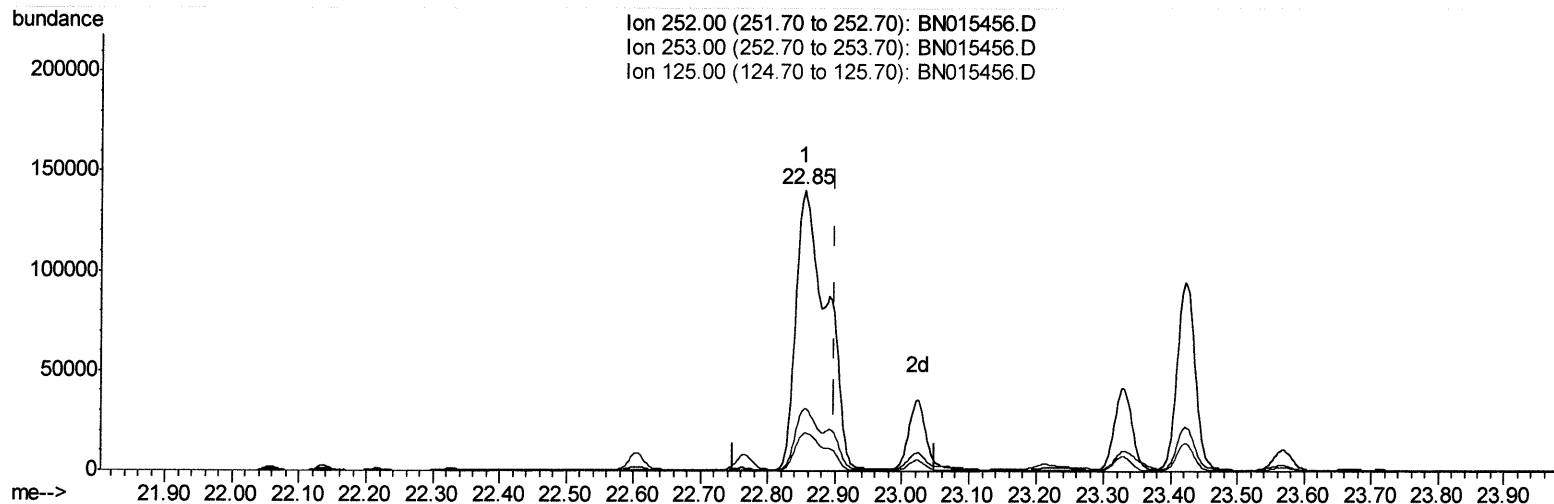
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
 Data File : BN015456.D
 Acq On : 09 Jul 2021 21:14
 Operator : CG/JU
 Sample : M2854-06DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDS8DL

Manual Integrations
 APPROVED

mohammad
 7/12/2021 9:33:17 AM

Quant Time: Jul 10 00:48:51 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 : Thu Jul 08 11:17:31 2021
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

22.854min (-0.046) 9.34ng/ul

response 444697

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.34
125.00	14.40	13.55
0.00	0.00	0.00

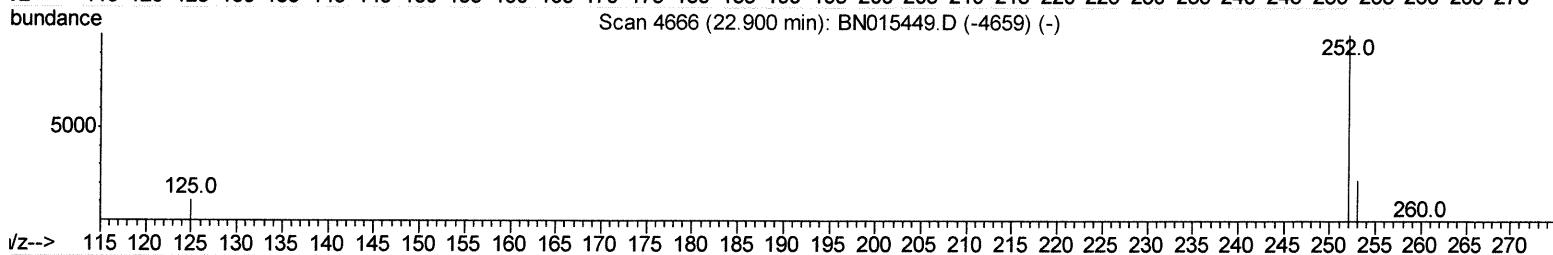
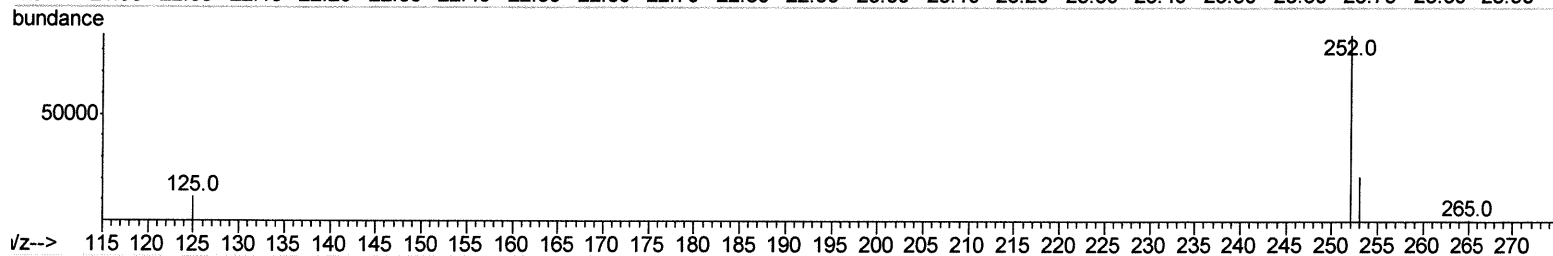
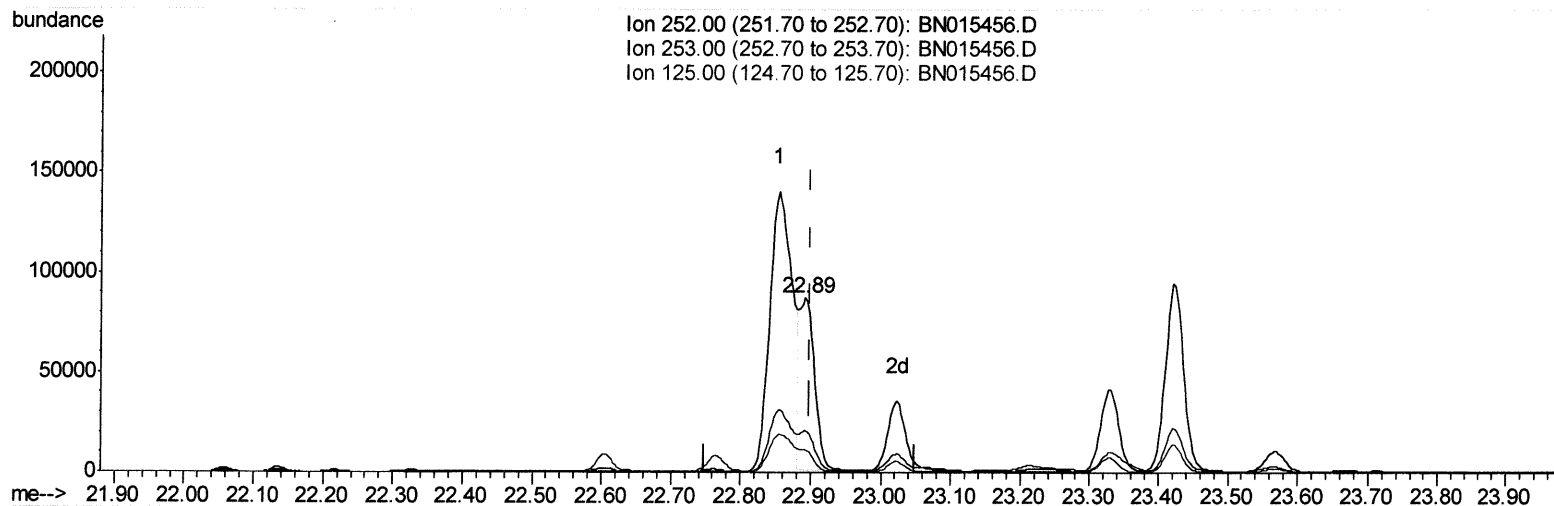
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
 Data File : BN015456.D
 Acq On : 09 Jul 2021 21:14
 Operator : CG/JU
 Sample : M2854-06DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDS8DL

Manual Integrations
 APPROVED

mohammad
 7/12/2021 9:33:17 AM

Quant Time: Jul 10 00:48:51 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 : Thu Jul 08 11:17:31 2021
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

22.892min (-0.008) 2.78ng/ul m

response 132545

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.93
125.00	14.40	13.04
0.00	0.00	0.00

54714921

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
 Data File : BN015456.D
 Acq On : 09 Jul 2021 21:14
 Operator : CG/JU
 Sample : M2854-06DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDS8DL

Manual Integrations
 APPROVED

mohammad
 7/12/2021 9:33:17 AM

Quant Time: Jul 10 00:51:15 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 : Thu Jul 08 11:17:31 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	3214	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	11156	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.33	164	6095	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.09	188	11925	0.40	ng/ul	0.00
17) Chrysene-d12	21.28	240	9612	0.40	ng/ul	0.00
23) Perylene-d12	23.52	264	9031	0.40	ng/ul	0.00

Svstem Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.28	96	1500	0.41	ng/ul	0.00
6) 2-Methyl-naphthalene-d10	12.07	152	645	0.04	ng/ul	0.00
18) Fluoranthene-d10	19.12	212	1527	0.05	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	10.53	128	30618	0.860	ng/ul	99
7) 2-Methyl-naphthalene	12.15	142	7730	0.332	ng/ul	100
8) 1-Methyl-naphthalene	12.37	142	6675	0.296	ng/ul	99
10) Acenaphthylene	14.05	152	77165	2.449	ng/ul	100
11) Acenaphthene	14.40	153	17504	0.725	ng/ul	99
12) Fluorene	15.39	166	63407	2.376	ng/ul	99
15) Phenanthrene	17.12	178	734361	16.967	ng/ul	100
16) Anthracene	17.22	178	213475	5.594	ng/ul	99
19) Fluoranthene	19.15	202	919923	20.712	ng/ul	99
20) Pyrene	19.51	202	641852	14.409	ng/ul	99
21) Benzo(a)anthracene	21.27	228	361156	10.143	ng/ul	97
22) Chrysene	21.32	228	304116	7.135	ng/ul	98
24) Benzo(b)fluoranthene	22.85	252	308677m	7.316	ng/ul	} ————— Ju 7/14/21
25) Benzo(k)fluoranthene	22.89	252	132545m	2.783	ng/ul	
26) Benzo(a)pyrene	23.42	252	175125	4.942	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.77	276	110687	2.586	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.78	278	35391	1.055	ng/ul	98
29) Benzo(a,h,i)perylene	26.45	276	6879	0.173	ng/ul#	87

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