

Instrument :
BNA_N
ClientSampleId :
BGD35

mohammad
6/28/2021 1:27:32 PM

Abundance

TIC: BN015127.D

700000

650000

600000

550000

500000

450000

400000

350000

300000

250000

200000

150000

100000

50000

0

Time-->

4.00 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00

1,4-Dioxane-d8, S

1,4-Dichlorobenzene-d4, I

Naphthalene-d8, I

2-Methylnaphthalene-d10, SURR

Acenaphthylene

Acenaphthylene-d10, I

Fluorene

Phenanthrene-d10, I

Fluorene

Fluorene-d10, SURR

Fluoranthene, C

Pyrene

Chrysene

Benzo(a)anthracene

Benzo(b)fluoranthene

Benzo(k)fluoranthene, C

Benzo(a)pyrene

Dibenz(a,h)pyrene

Benzo(g,h,i)perylene

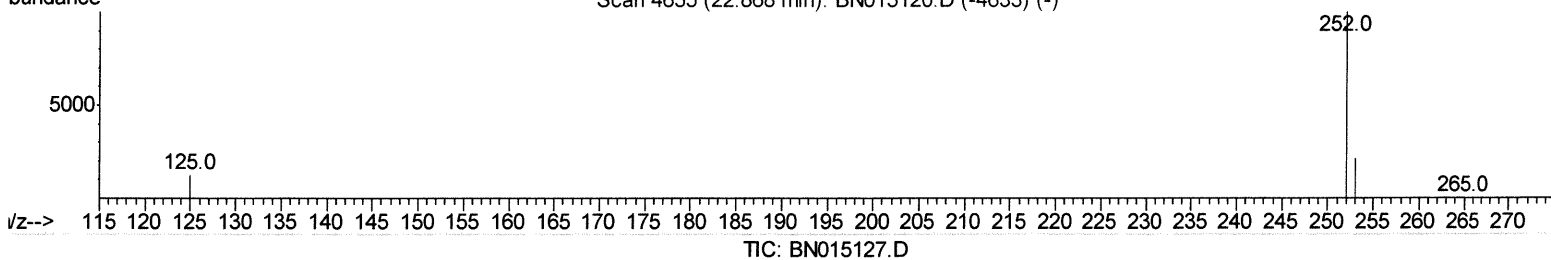
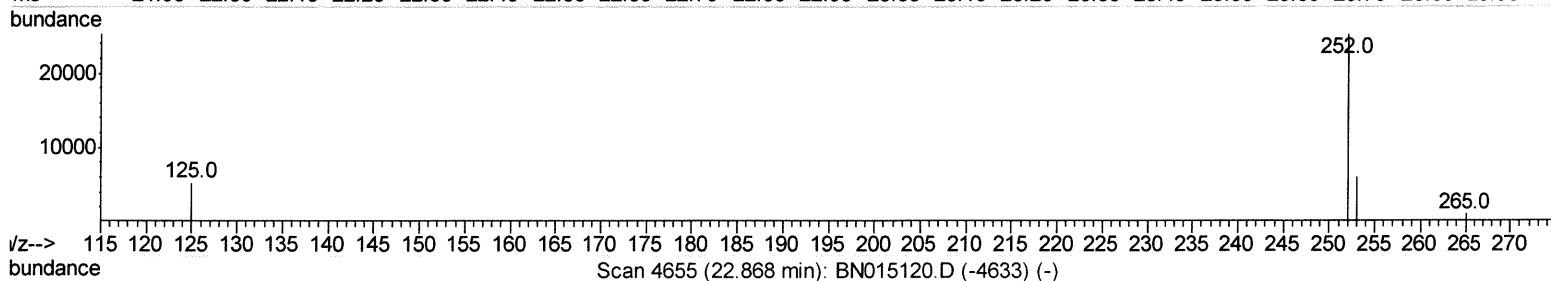
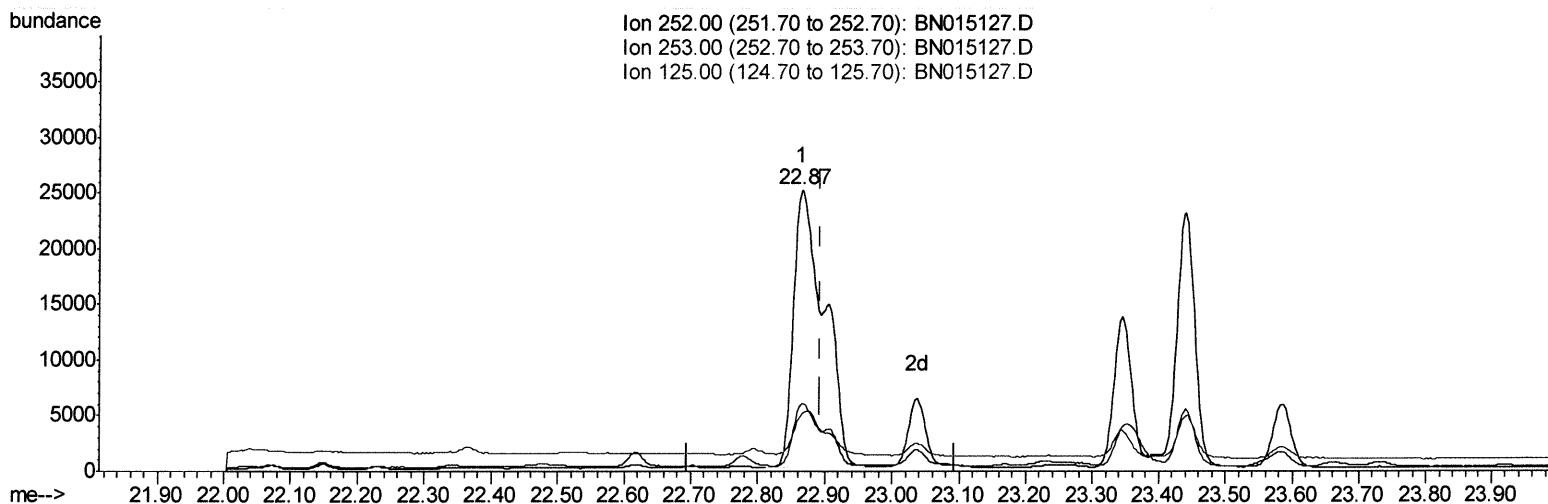
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
 Data File : BN015127.D
 Acq On : 26 Jun 2021 21:47
 Operator : CG/JU
 Sample : M2680-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD35

Quant Time: Jun 27 06:43:05 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 : Tue Jun 22 11:53:52 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:27:32 PM



(24) Benzo(b)fluoranthene

22.865min (-0.029) 1.47ng/ul

response 79295

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.93
125.00	14.20	20.55
0.00	0.00	0.00

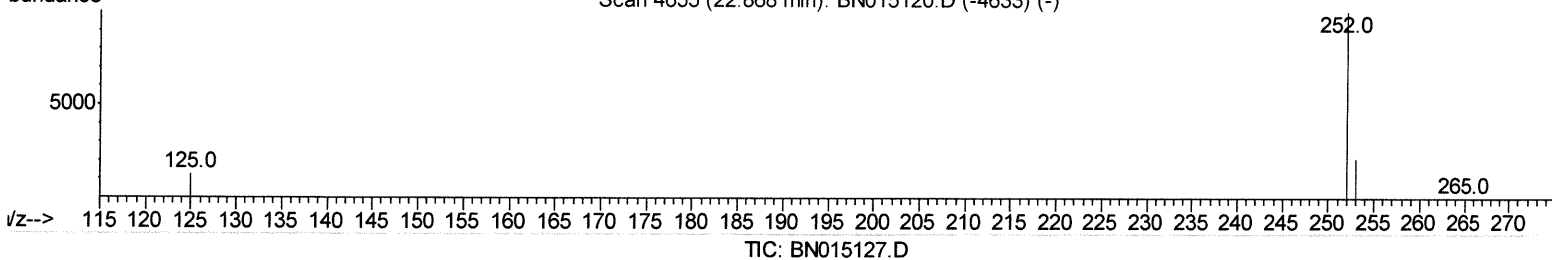
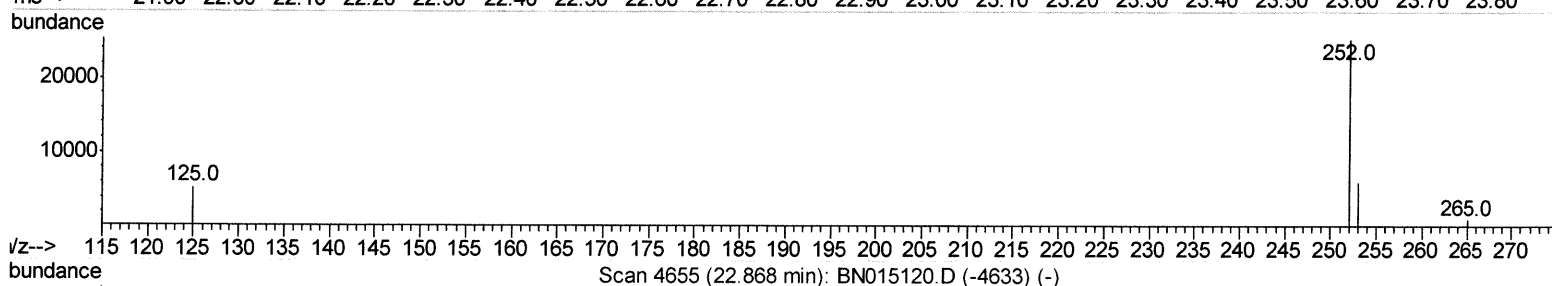
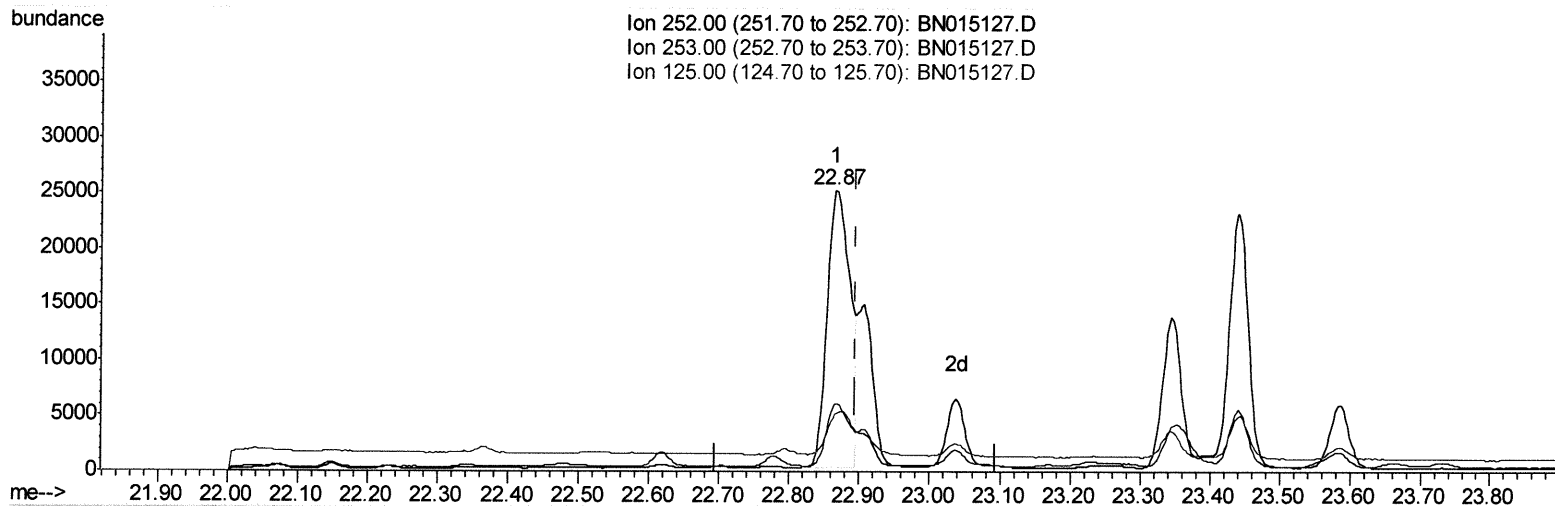
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
 Data File : BN015127.D
 Acq On : 26 Jun 2021 21:47
 Operator : CG/JU
 Sample : M2680-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD35

Quant Time: Jun 27 06:43:05 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 : Tue Jun 22 11:53:52 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:27:32 PM



(24) Benzo(b)fluoranthene

22.865min (-0.029) 1.05ng/ul m

response 56542

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.93
125.00	14.20	20.55
0.00	0.00	0.00

JU 6/30/21

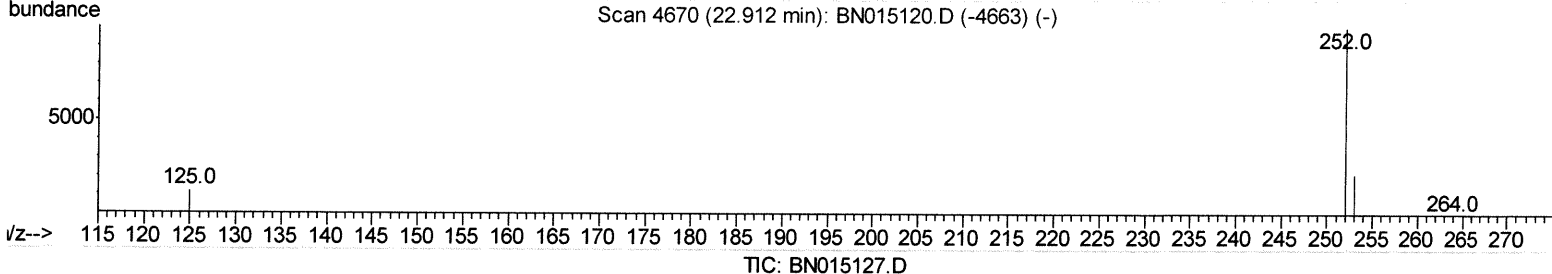
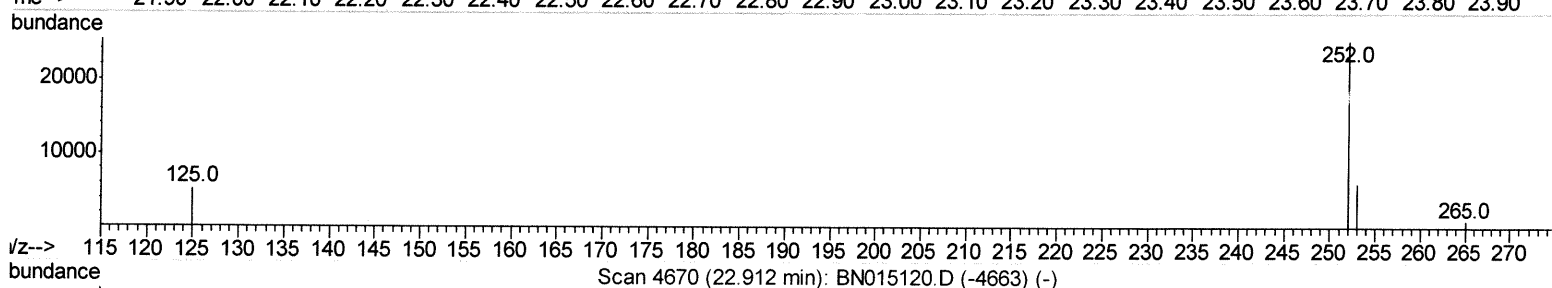
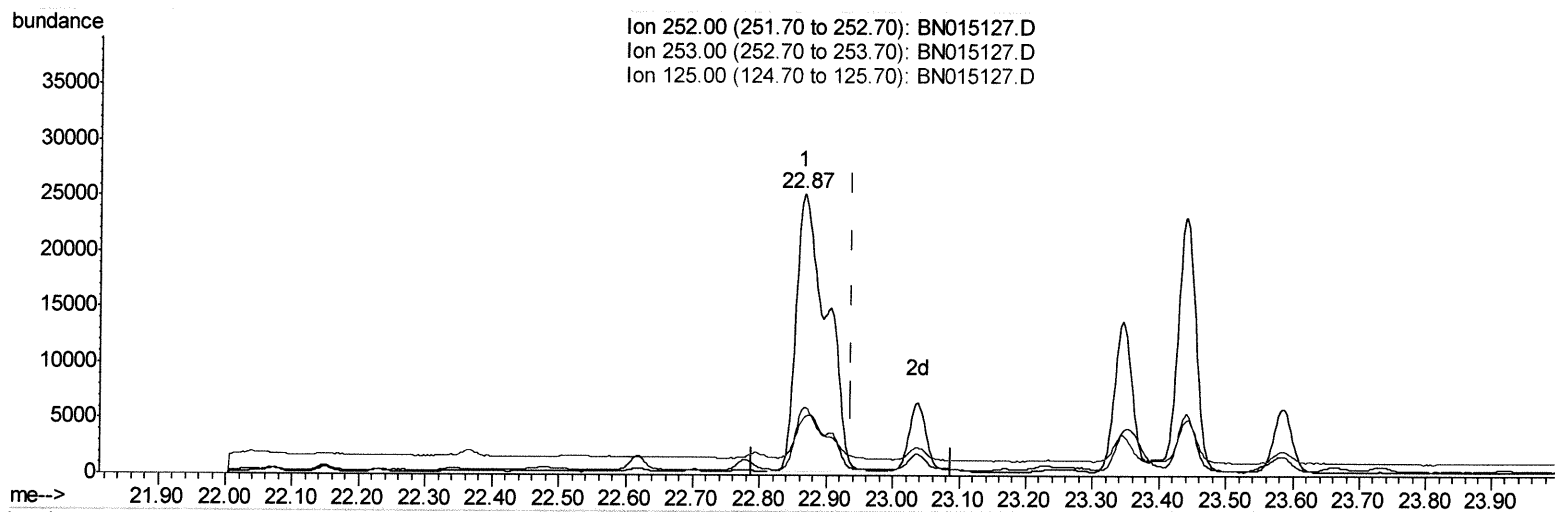
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
 Data File : BN015127.D
 Acq On : 26 Jun 2021 21:47
 Operator : CG/JU
 Sample : M2680-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD35

Quant Time: Jun 27 07:33:01 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 : Tue Jun 22 11:53:52 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:27:32 PM



(25) Benzo(k)fluoranthene

22.865min (-0.073) 1.30ng/ul

response 79295

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.93
125.00	14.40	20.55#
0.00	0.00	0.00

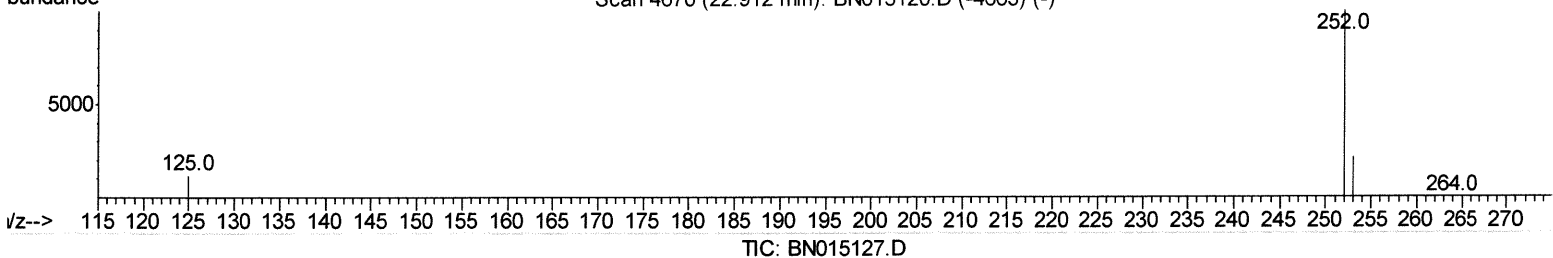
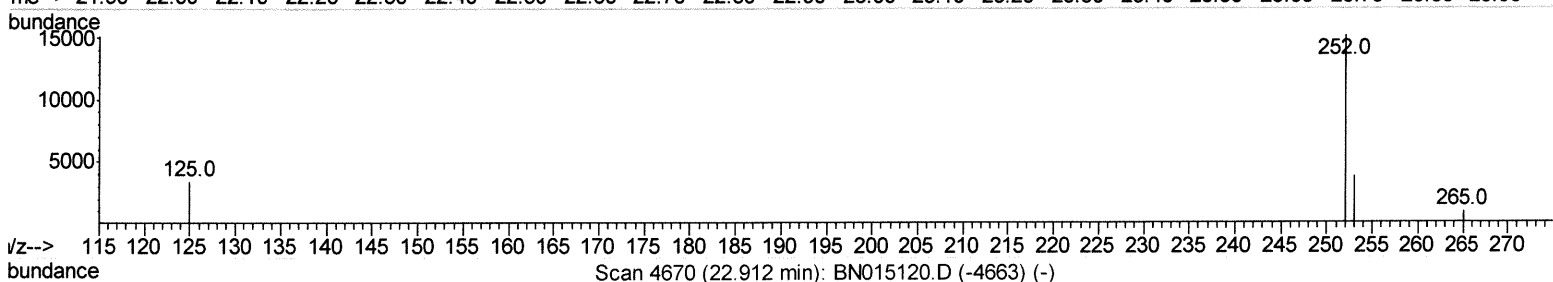
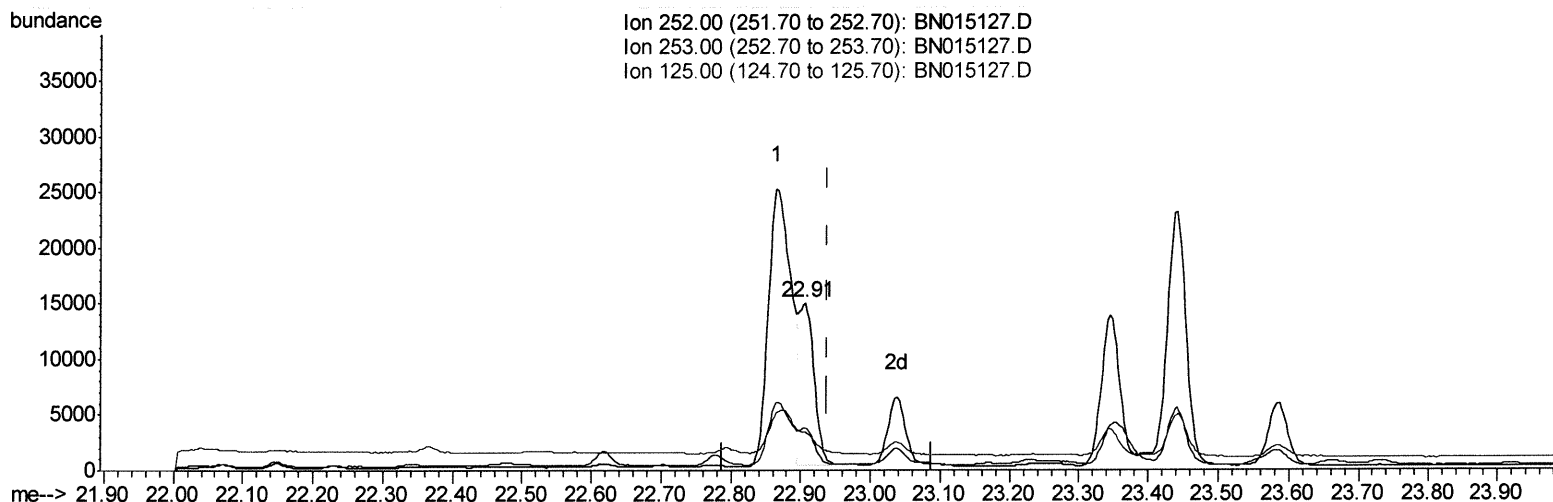
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
 Data File : BN015127.D
 Acq On : 26 Jun 2021 21:47
 Operator : CG/JU
 Sample : M2680-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD35

Quant Time: Jun 27 07:33:01 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 : Tue Jun 22 11:53:52 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:27:32 PM



(25) Benzo(k)fluoranthene

22.906min (-0.032) 0.36ng/ul m

response 22076

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	24.99
125.00	14.40	22.58#
0.00	0.00	0.00

JU 6/29/21

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
 Data File : BN015127.D
 Acq On : 26 Jun 2021 21:47
 Operator : CG/JU
 Sample : M2680-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD35

Quant Time: Jun 27 07:36:56 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 : Tue Jun 22 11:53:52 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED
 mohammad
 6/28/2021 1:27:32 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3483	0.40	ng/ul	-0.01
4) Naphthalene-d8	10.50	136	11975	0.40	ng/ul	-0.01
9) Acenaphthene-d10	14.35	164	6445	0.40	ng/ul	-0.01
13) Phenanthrene-d10	17.10	188	13468	0.40	ng/ul	-0.01
17) Chrysene-d12	21.29	240	13289	0.40	ng/ul	-0.02
23) Perylene-d12	23.54	264	11547	0.40	ng/ul	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.29	96	12984	3.31	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.09	152	3596	0.19	ng/ul	-0.01
18) Fluoranthene-d10	19.13	212	8350	0.19	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	10.55	128	5013	0.131	ng/ul	96
7) 2-Methylnaphthalene	12.16	142	781	0.031	ng/ul	99
10) Acenaphthylene	14.07	152	5364	0.161	ng/ul	97
11) Acenaphthene	14.41	153	714	0.028	ng/ul	93
12) Fluorene	15.40	166	1433	0.051	ng/ul#	93
15) Phenanthrene	17.14	178	27945	0.572	ng/ul	99
16) Anthracene	17.23	178	11730	0.272	ng/ul	98
19) Fluoranthene	19.16	202	94269	1.535	ng/ul	98
20) Pyrene	19.53	202	83322	1.353	ng/ul	99
21) Benzo(a)anthracene	21.28	228	55242	1.122	ng/ul	94
22) Chrysene	21.33	228	46842	0.795	ng/ul	98
24) Benzo(b)fluoranthene	22.87	252	56542m}	1.048	ng/ul	} → JU 6/30/21
25) Benzo(k)fluoranthene	22.91	252	22076m}	0.363	ng/ul	
26) Benzo(a)pyrene	23.44	252	42933	0.948	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.79	276	25021	0.457	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.80	278	6378	0.149	ng/ul#	82
29) Benzo(g,h,i)perylene	26.48	276	20273	0.400	ng/ul	98

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