

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006529.D

Acq On : 24 Jun 2019 14:10

Operator : HP/JU

Sample : K3360-07DL 10X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 25 11:14:04 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

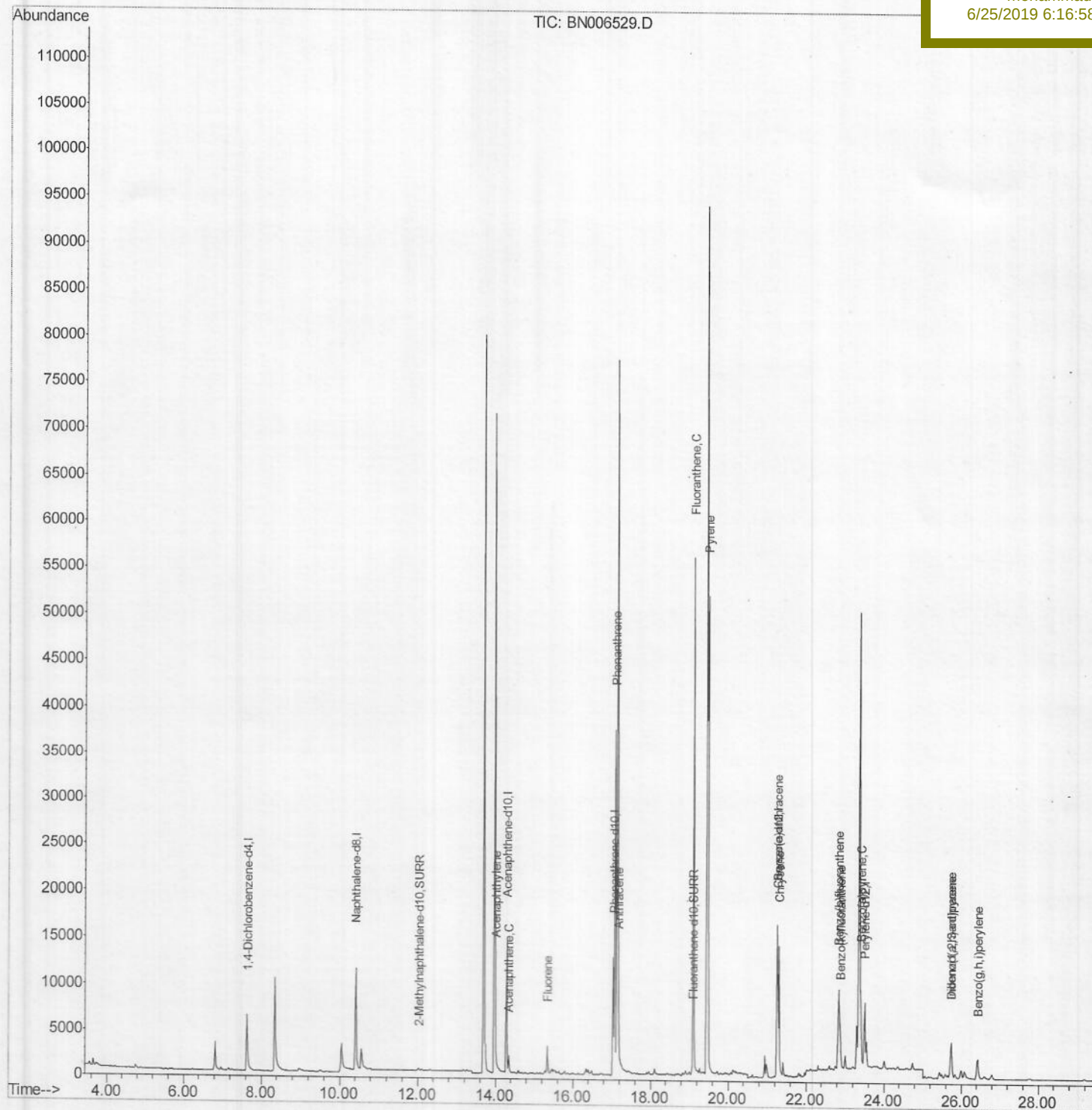
A41Y7DL

Manual Integrations

APPROVED

mohammad

6/25/2019 6:16:58 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006529.D

Acq On : 24 Jun 2019 14:10

Operator : HP/JU

Sample : K3360-07DL 10X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 25 00:43:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

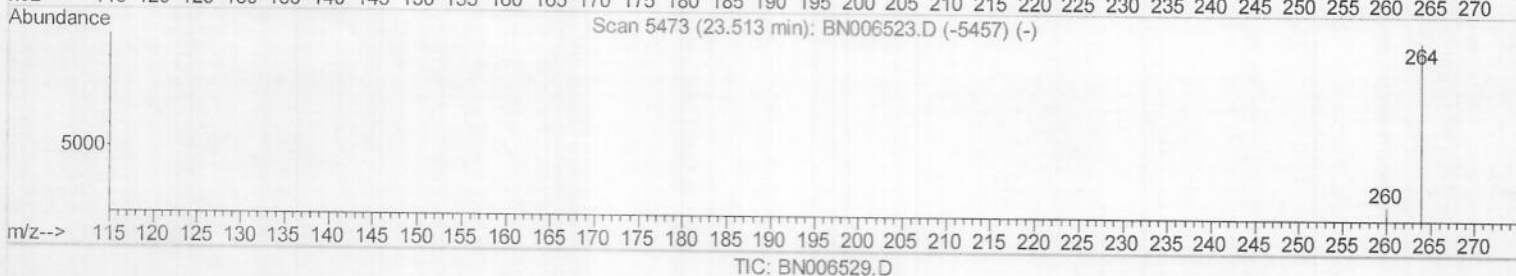
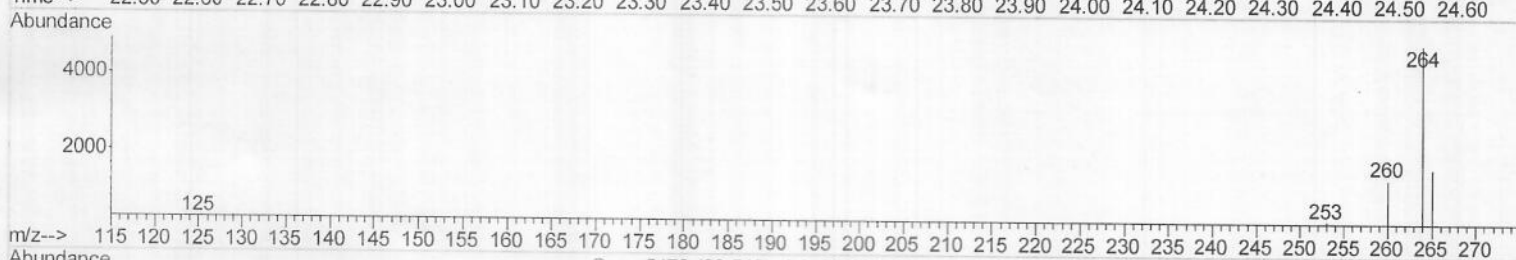
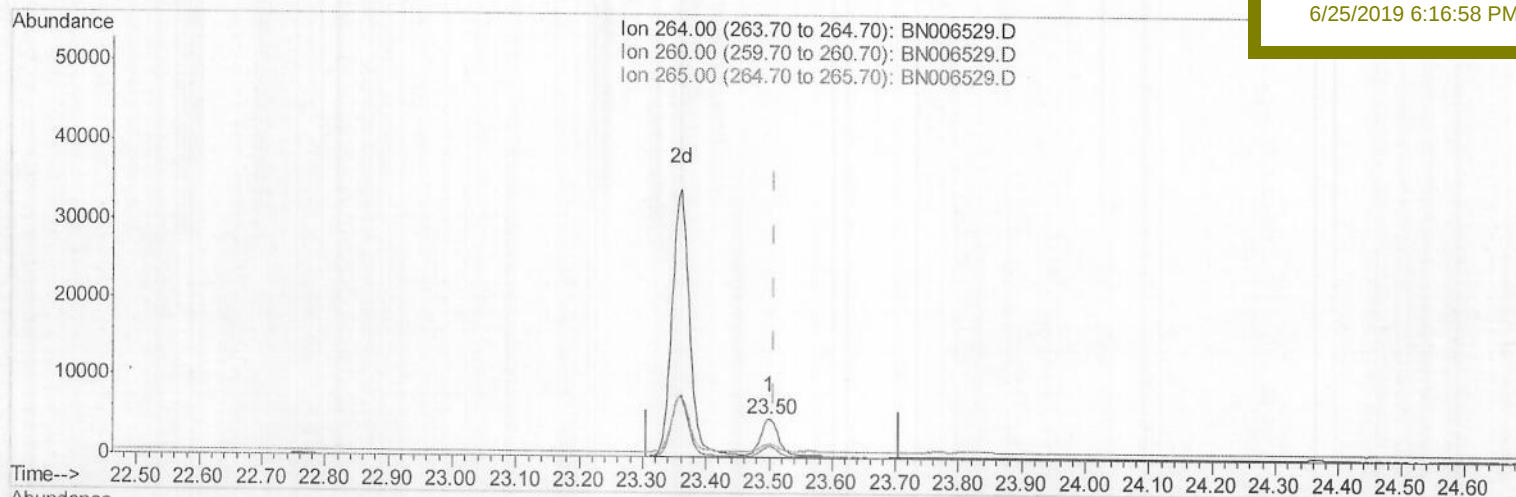
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Y7DL

Manual Integrations
APPROVEDmohammad
6/25/2019 6:16:58 PM

(20) Perylene-d12 (I)

23.500min (-0.007) 0.40ng/ul

response 10234

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	28.81
265.00	44.70	34.66#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006529.D

Acq On : 24 Jun 2019 14:10

Operator : HP/JU

Sample : K3360-07DL 10X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 25 00:43:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

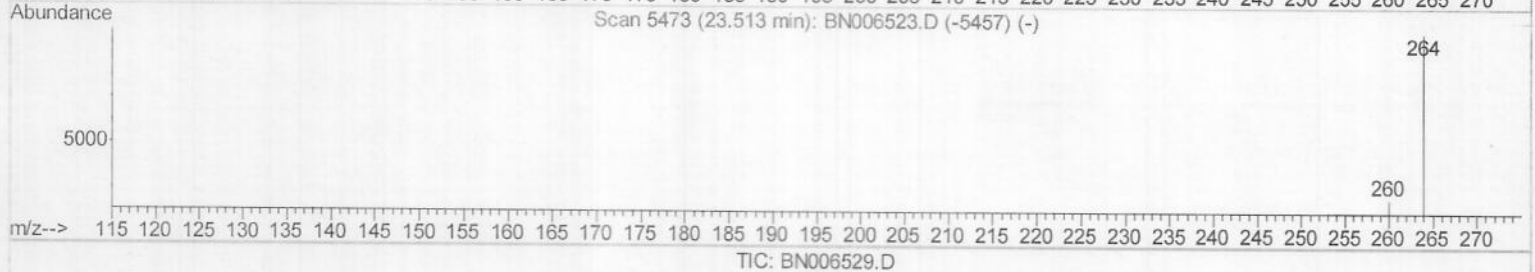
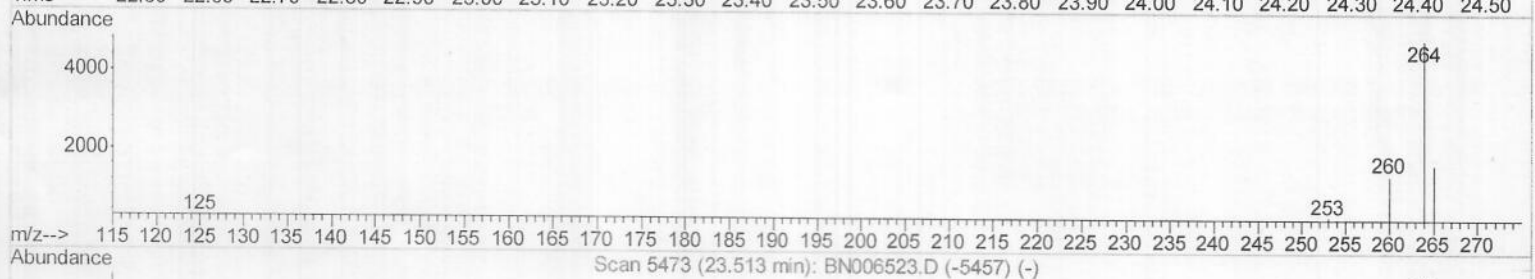
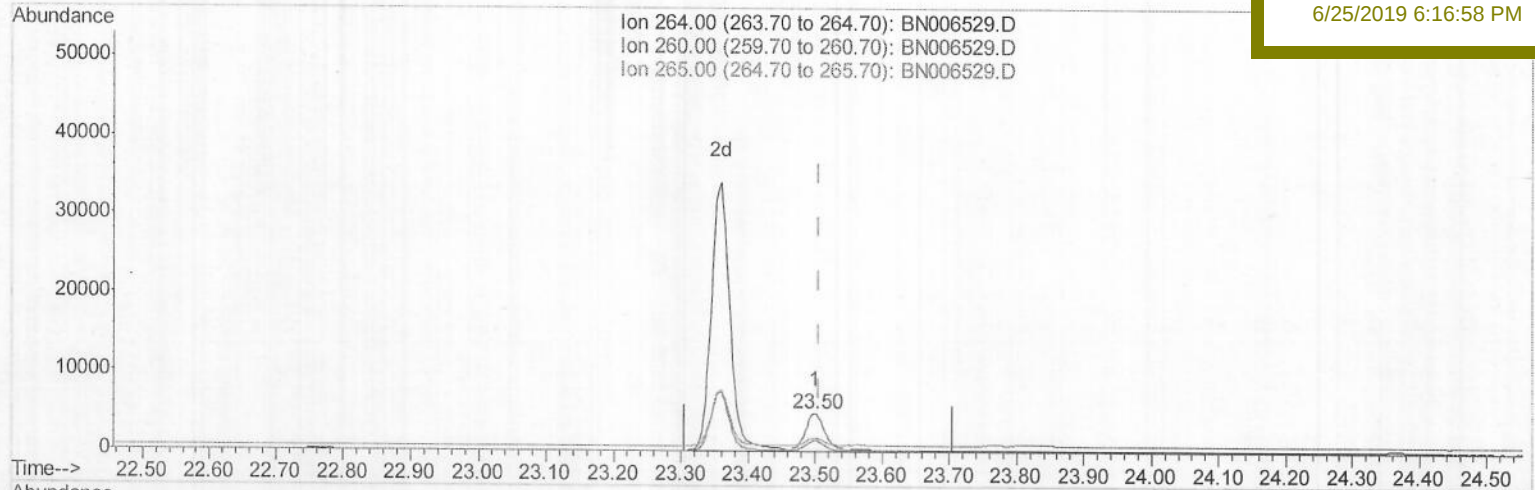
ClientSampleId :

A41Y7DL

Manual Integrations
APPROVED

mohammad

6/25/2019 6:16:58 PM



(20) Perylene-d12 (I)

23.500min (-0.007) 0.40ng/ul m > JU 06/26/19

response 8467

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	28.81
265.00	44.70	34.66#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006529.D

Acq On : 24 Jun 2019 14:10

Operator : HP/JU

Sample : K3360-07DL 10X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 25 01:12:57 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

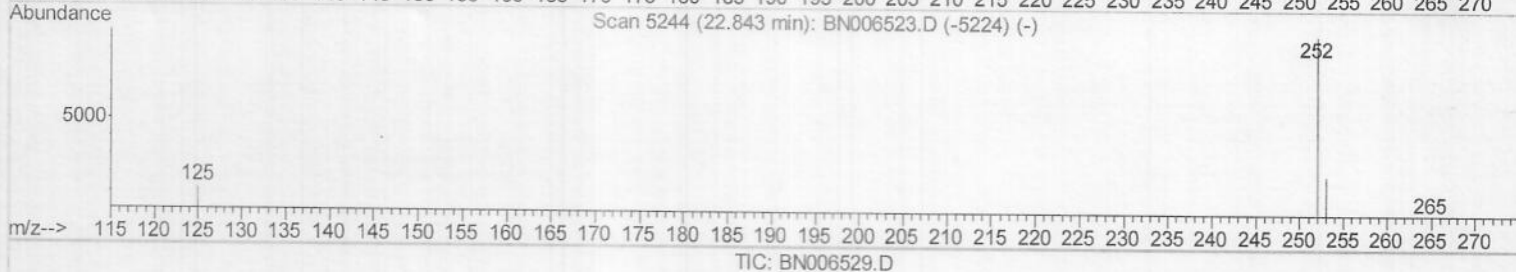
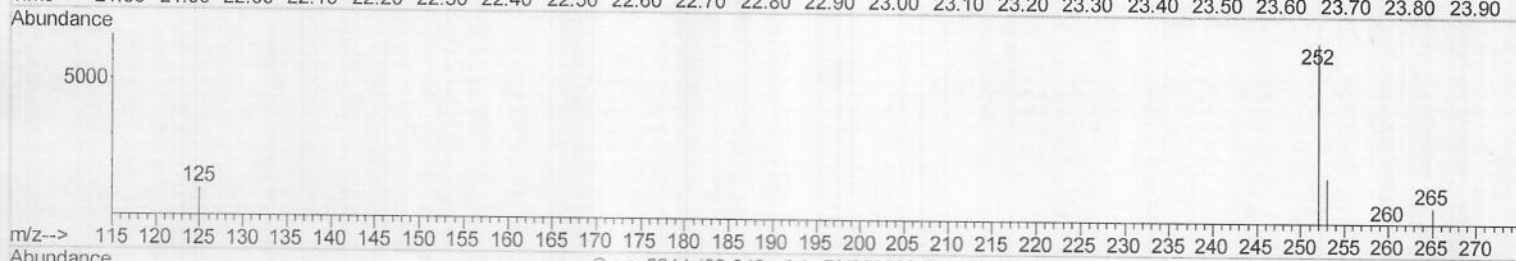
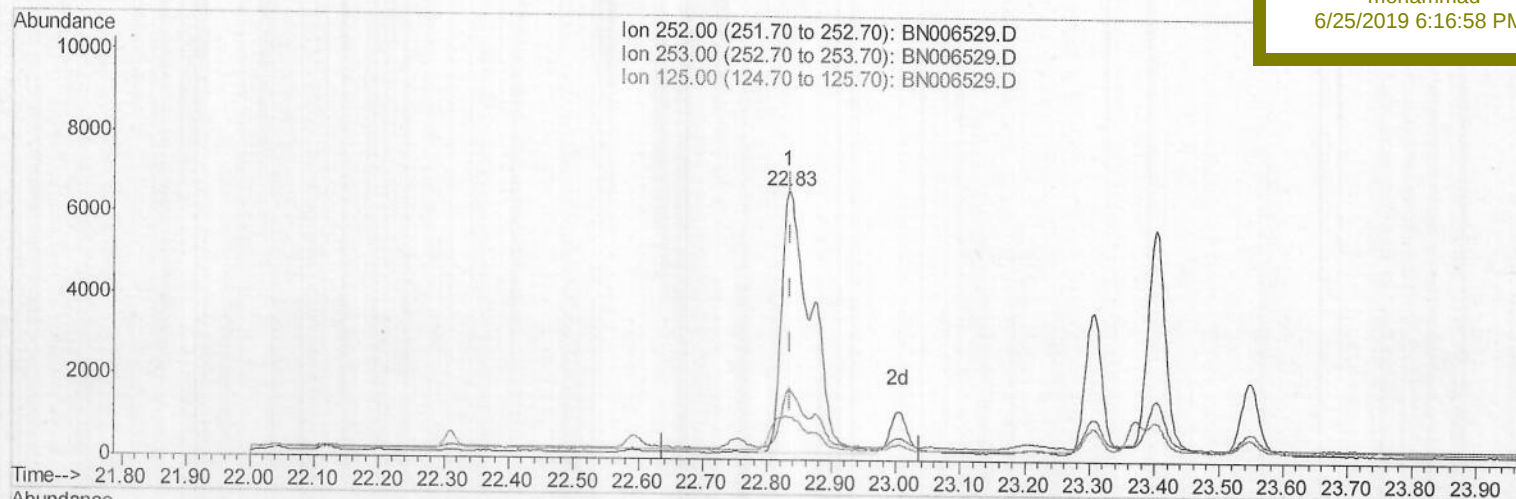
A41Y7DL

Manual Integrations

APPROVED

mohammad

6/25/2019 6:16:58 PM



(21) Benzo(b)fluoranthene

22.833min (-0.004) 0.59ng/ul

response 20838

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	26.20
125.00	20.50	15.96
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006529.D

Acq On : 24 Jun 2019 14:10

Operator : HP/JU

Sample : K3360-07DL 10X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 25 01:12:57 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

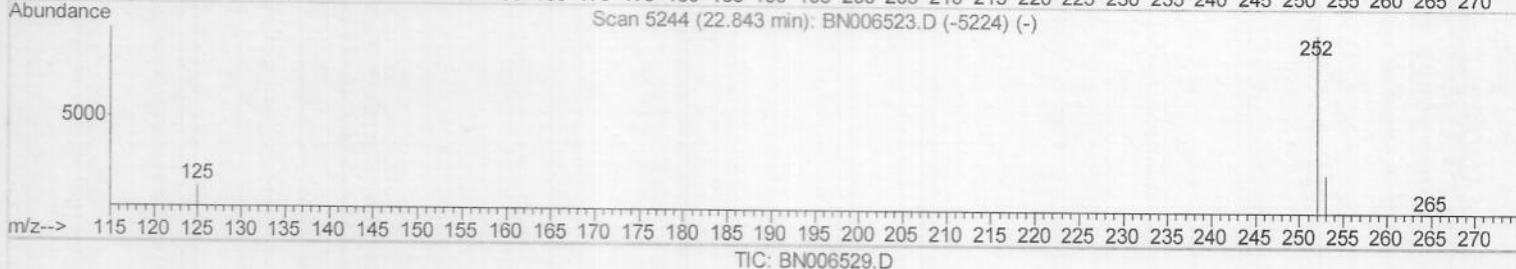
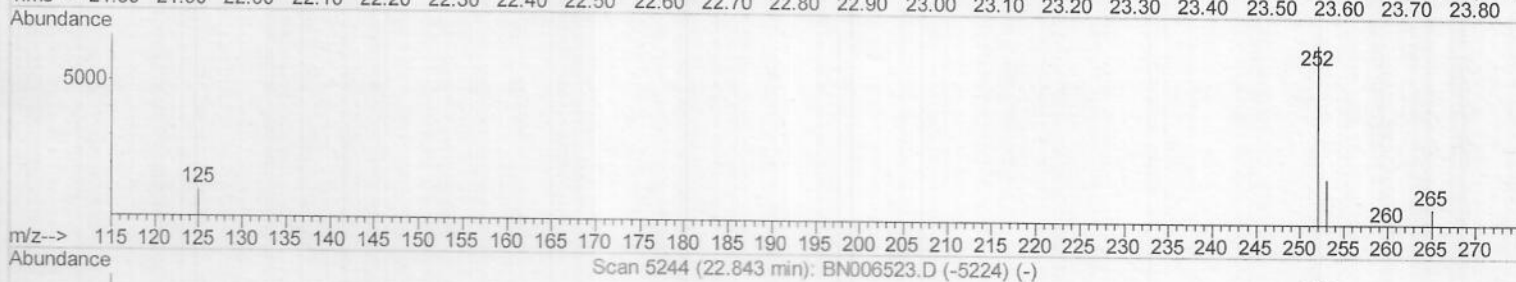
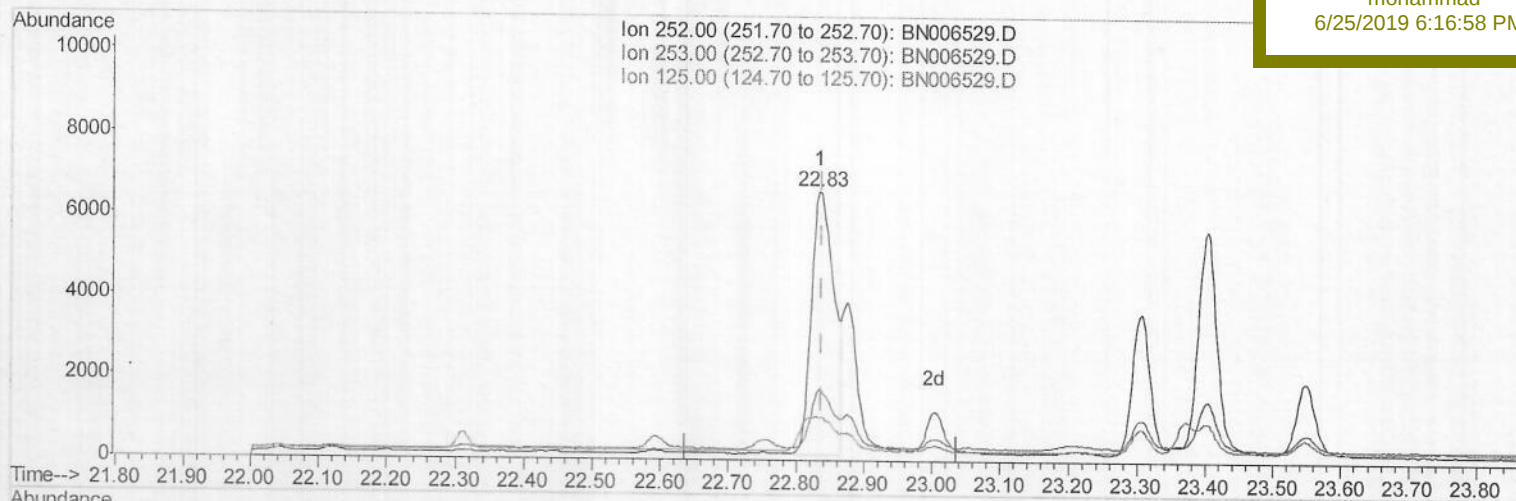
Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

A41Y7DL

Manual Integrations
APPROVEDmohammad
6/25/2019 6:16:58 PM

(21) Benzo(b)fluoranthene

22.833min (-0.004) 0.42ng/ul m

S JU 06/26/19

response 14991

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	26.20
125.00	20.50	15.96
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006529.D

Acq On : 24 Jun 2019 14:10

Operator : HP/JU

Sample : K3360-07DL 10X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 25 01:12:57 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

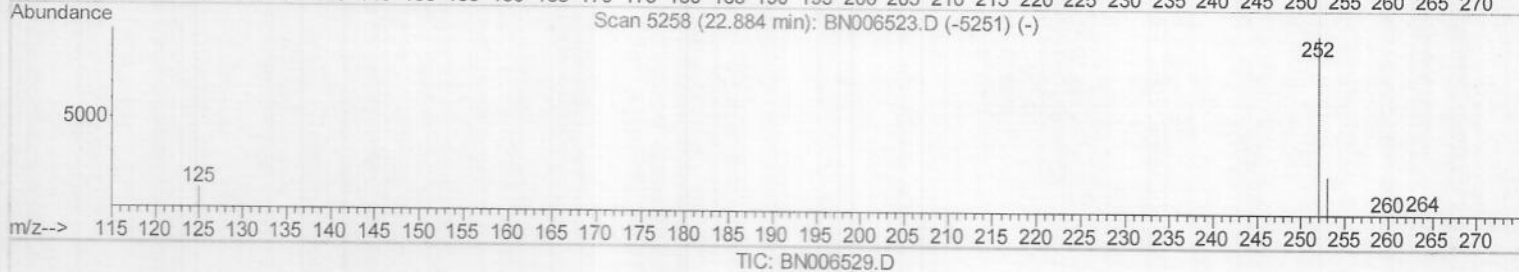
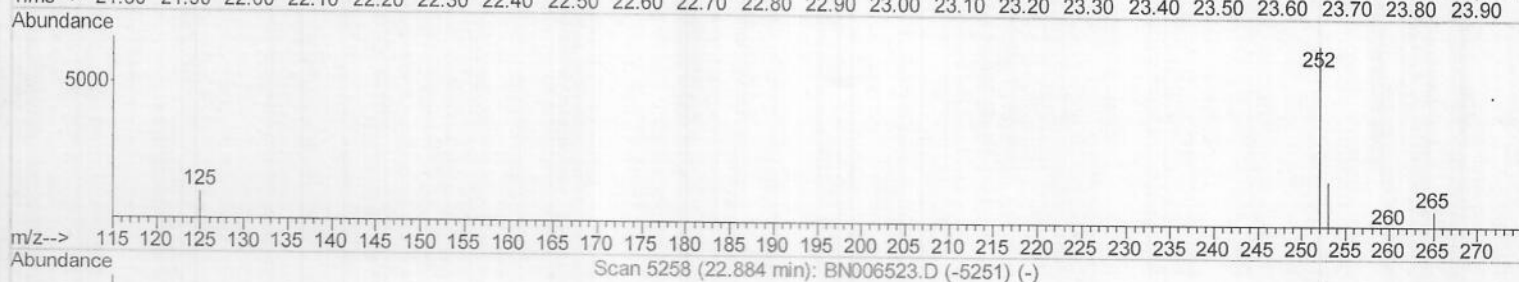
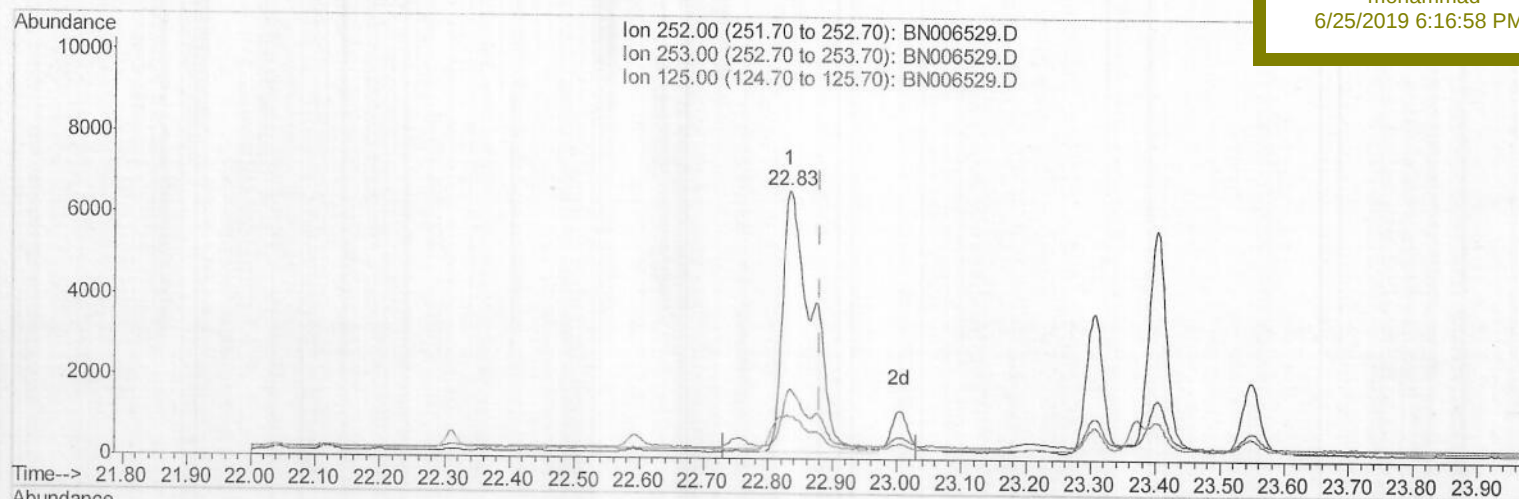
A41Y7DL

Manual Integrations

APPROVED

mohammad

6/25/2019 6:16:58 PM



(22) Benzo(k)fluoranthene

22.833min (-0.048) 0.61ng/ul

response 20838

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	26.20
125.00	17.90	15.96
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006529.D

Acq On : 24 Jun 2019 14:10

Operator : HP/JU

Sample : K3360-07DL 10X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 25 01:12:57 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

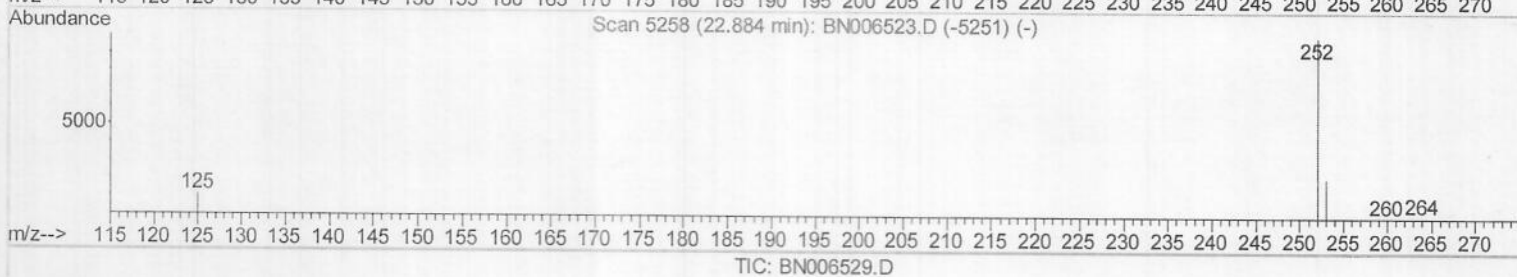
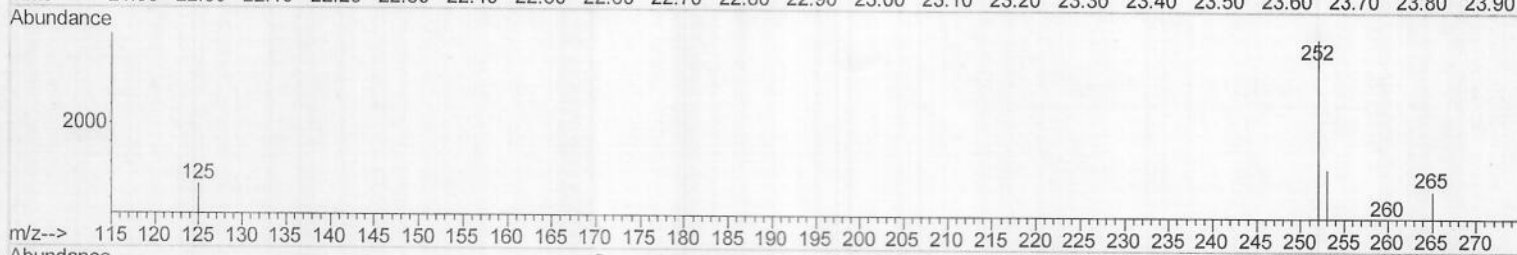
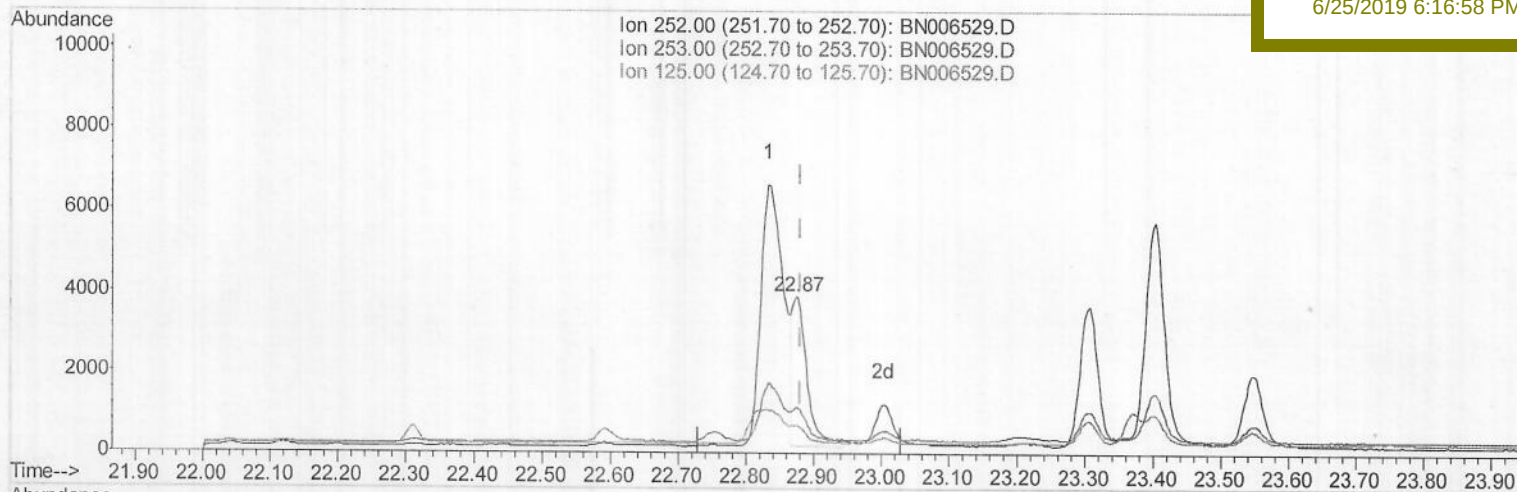
Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

A41Y7DL

Manual Integrations
APPROVEDmohammad
6/25/2019 6:16:58 PM

(22) Benzo(k)fluoranthene

22.874min (-0.007) 0.17ng/ul m > JU 06/26/19

response 5778

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	29.33
125.00	17.90	18.18
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006529.D

Acq On : 24 Jun 2019 14:10

Operator : HP/JU

Sample : K3360-07DL 10X

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 25 11:14:04 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Y7DL

Manual Integrations
APPROVEDmohammad
6/25/2019 6:16:58 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4452	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	16625	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	8441	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	15566	0.40	ng/ul	-0.02
16) Chrysene-d12	21.26	240	8613	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	8467m	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.02	152	565	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	1000	0.02	ng/ul	0.00

Target Compounds

						Qvalue
7) Acenaphthylene	14.00	152	1339	0.029	ng/ul#	88
8) Acenaphthene	14.34	153	1084	0.033	ng/ul	97
9) Fluorene	15.34	166	2132	0.056	ng/ul#	95
12) Phenanthrene	17.08	178	41937	0.839	ng/ul	99
13) Anthracene	17.17	178	7580	0.159	ng/ul	96
15) Fluoranthene	19.11	202	48072	0.871	ng/ul	97
17) Pyrene	19.48	202	42196	0.930	ng/ul	100
18) Benzo(a)anthracene	21.25	228	14622	0.384	ng/ul	99
19) Chrysene	21.30	228	14339	0.401	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	14991m	0.425	ng/ul	} JU06/26/19
22) Benzo(k)fluoranthene	22.87	252	5778m	0.168	ng/ul	
23) Benzo(a)pyrene	23.40	252	10554	0.321	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.74	276	6093	0.171	ng/ul#	86
25) Dibenzo(a,h)anthracene	25.74	278	1683	0.059	ng/ul#	80
26) Benzo(g,h,i)perylene	26.42	276	4448	0.149	ng/ul	99

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