

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\

Data File : BN005945.D

Acq On : 29 May 2019 23:43

Operator : JU/SJ

Sample : K2928-01

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 30 07:15:54 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

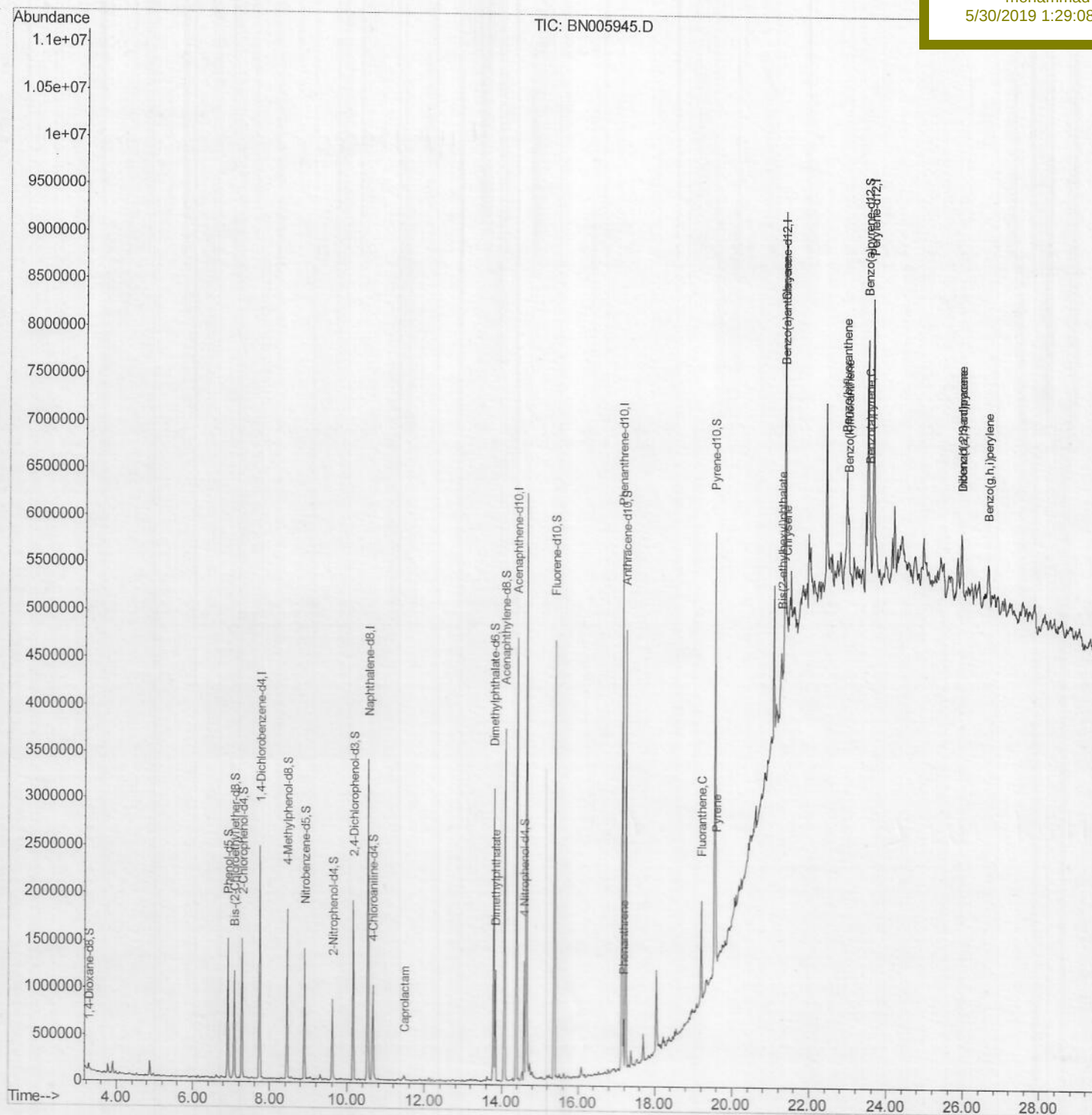
Response via : Initial Calibration

Instrument :

BNA_N

Client Sample ID :

A42B6

Manual Integrations
APPROVEDmohammad
5/30/2019 1:29:08 PM

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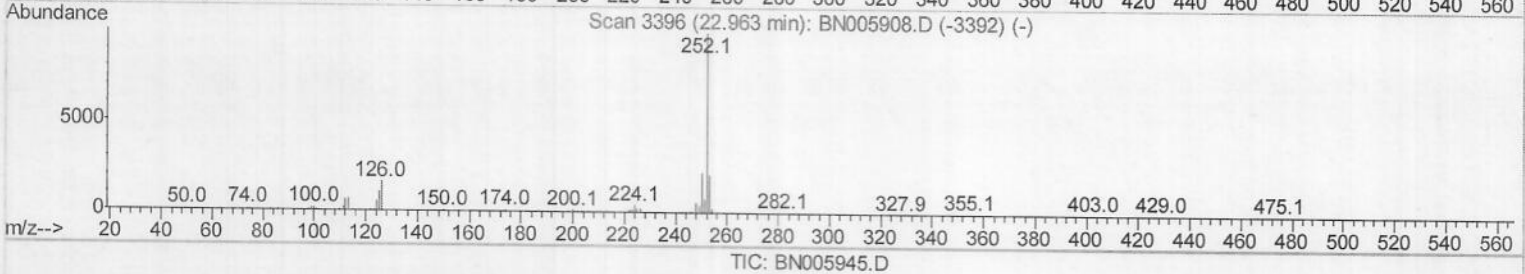
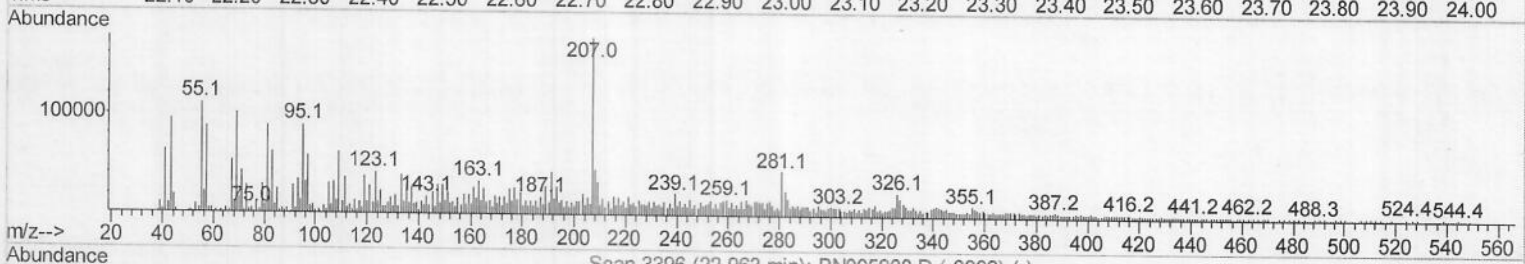
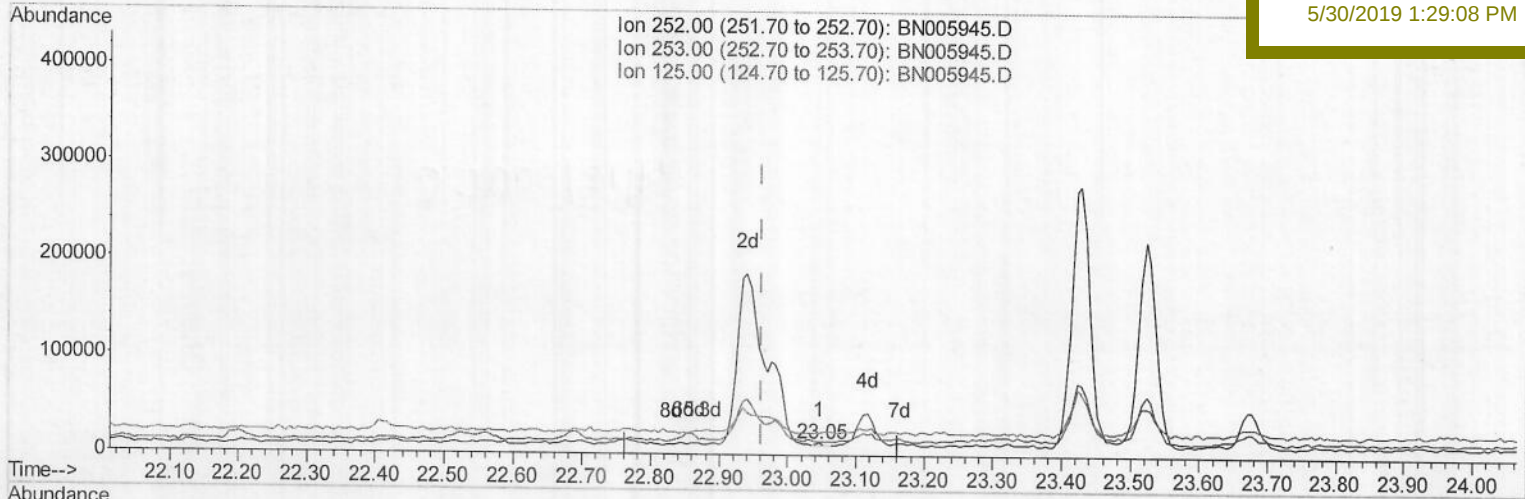
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5/30/2019 1:29:08 PM

TIC: BN005945.D

(88) Benzo(k)fluoranthene

23.047min (+0.084) 0.02ng/ul

response 2080

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	118.98#
125.00	9.40	190.94#
0.00	0.00	0.00

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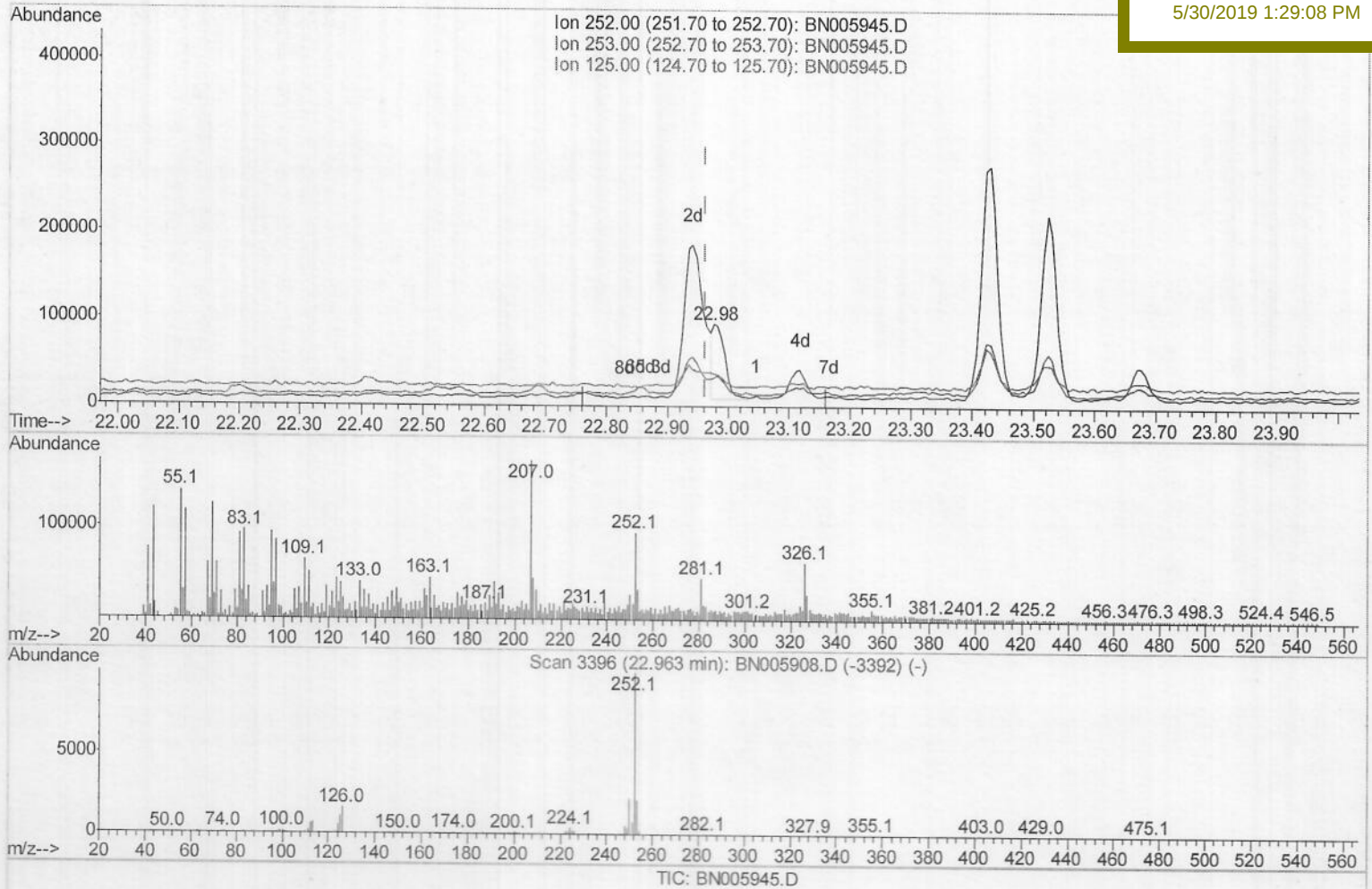
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampled :

A42B6

Manual Integrations
APPROVEDmohammad
5/30/2019 1:29:08 PM

(88) Benzo(k)fluoranthene

22.976min (+0.014) 1.09ng/ul m

response 118181

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	35.14#
125.00	9.40	40.81#
0.00	0.00	0.00

JU06/05/19

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Sample : K2928-01

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 30 07:15:54 2019

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Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

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ClientSampleId :

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Manual Integrations
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5/30/2019 1:29:08 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	636180	20.00	ng/ul	0.01
18) Naphthalene-d8	10.52	136	2789915	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.39	164	1556536	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.14	188	3142656	20.00	ng/ul	0.02
77) Chrysene-d12	21.35	240	1947954	20.00	ng/ul	0.02
85) Perylene-d12	23.63	264	2104389	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	37350	2.58	ng/uL	0.00
5) Phenol-d5	6.91	99	865827	15.35	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.08	67	488422	15.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	687091	16.00	ng/ul	0.01
13) 4-Methylphenol-d8	8.44	113	655431	14.40	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	336186	18.77	ng/ul	0.01
22) 2-Nitrophenol-d4	9.61	143	275446	16.52	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.15	165	676460	17.18	ng/ul	0.02
29) 4-Chloroaniline-d4	10.66	131	492662	9.54	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	2014861	17.56	ng/ul	0.01
46) Acenaphthylene-d8	14.08	160	2545260	17.73	ng/ul	0.02
51) 4-Nitrophenol-d4	14.59	143	292739	14.02	ng/ul	0.03
57) Fluorene-d10	15.38	176	2012616	20.91	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.51	200	8575	0.67	ng/ul	0.03
70) Anthracene-d10	17.24	188	2482350	18.56	ng/ul	0.02
78) Pyrene-d10	19.54	212	2175615	22.11	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.48	264	1661919	17.70	ng/ul	0.03

Target Compounds

					Ovalue	
32) Caprolactam	11.48	113	36496	2.346	ng/ul#	1
44) Dimethylphthalate	13.84	163	719520	6.274	ng/ul	100
69) Phenanthrene	17.18	178	303932	1.952	ng/ul	99
76) Fluoranthene	19.21	202	591220	3.557	ng/ul	96
79) Pyrene	19.57	202	535639	4.341	ng/ul#	95
82) Benzo(a)anthracene	21.33	228	233983	1.911	ng/ul#	86
83) Bis(2-ethylhexyl)phthalate	21.26	149	176658	2.198	ng/ul#	95
84) Chrysene	21.38	228	265485	2.325	ng/ul#	87
87) Benzo(b)fluoranthene	22.94	252	400022	3.384	ng/ul#	77
88) Benzo(k)fluoranthene	22.98	252	118181m)	1.087	ng/ul	
90) Benzo(a)pyrene	23.52	252	374768	3.362	ng/ul#	81
91) Indeno(1,2,3-cd)pyrene	25.93	276	322120	2.463	ng/ul#	87
92) Dibenzo(a,h)anthracene	25.93	278	228604	2.099	ng/ul#	68
93) Benzo(a,h,i)perylene	26.63	276	472186	4.287	ng/ul#	86

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