

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

Data File : BN005942.D

Acq On : 29 May 2019 21:59

Operator : JU/SJ

Sample : K2928-02

Misc :

ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 30 06:52:17 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

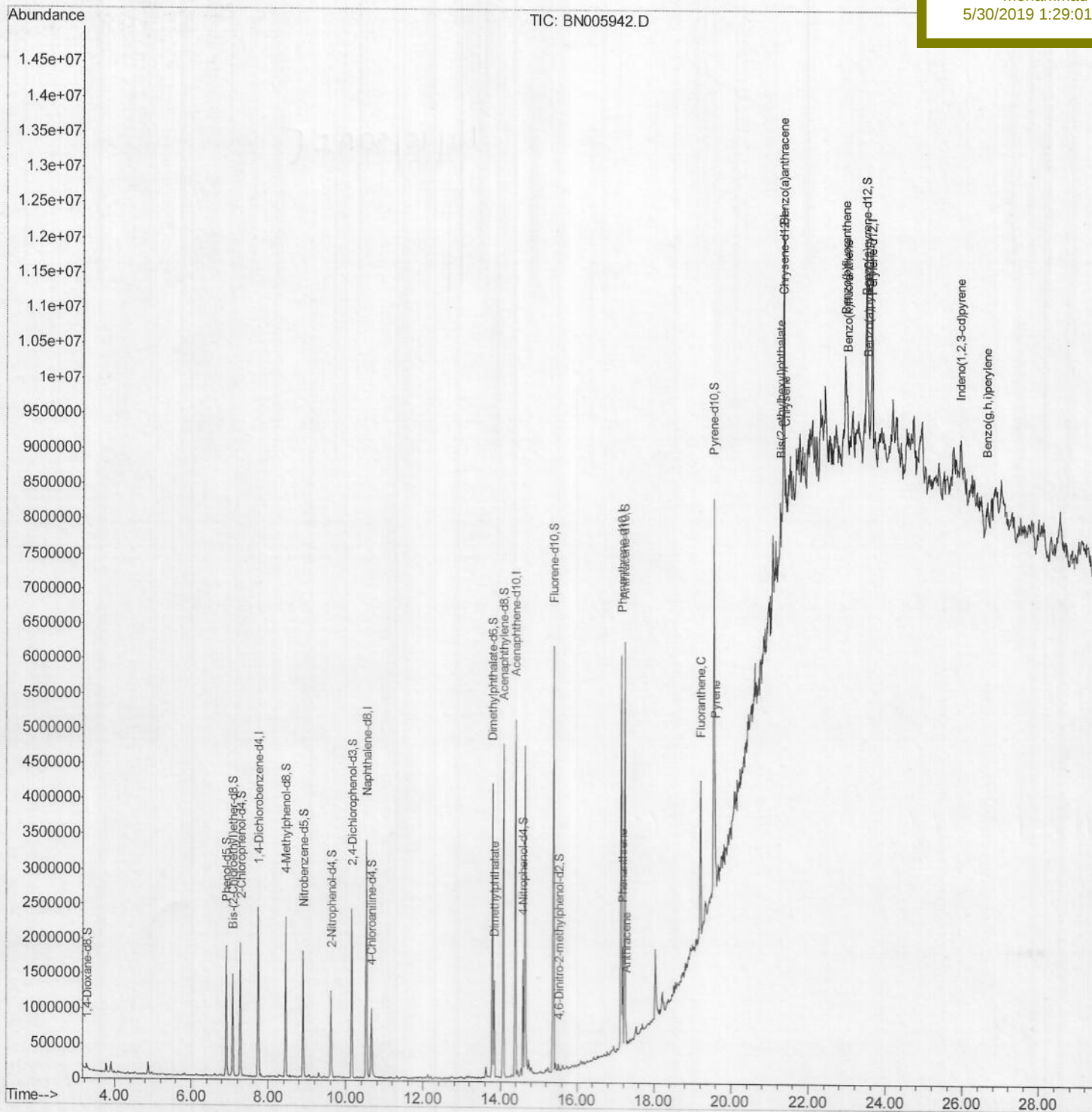
Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

A42B7

Manual Integrations
APPROVEDmohammad
5/30/2019 1:29:01 PM

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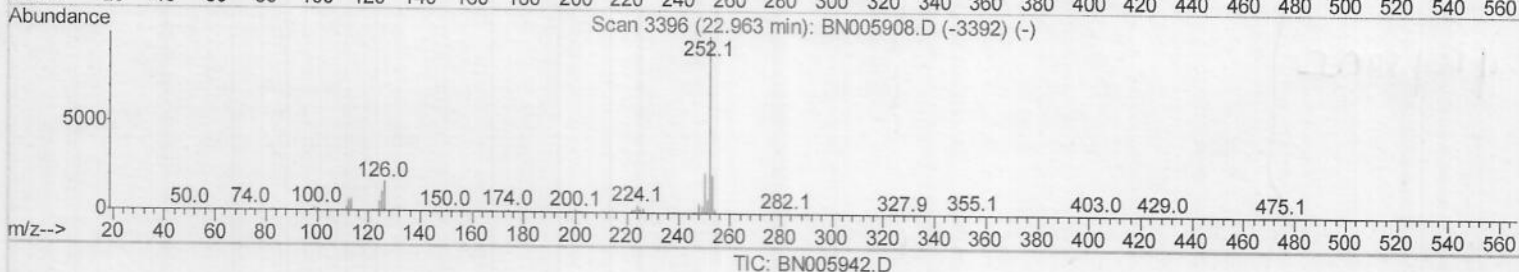
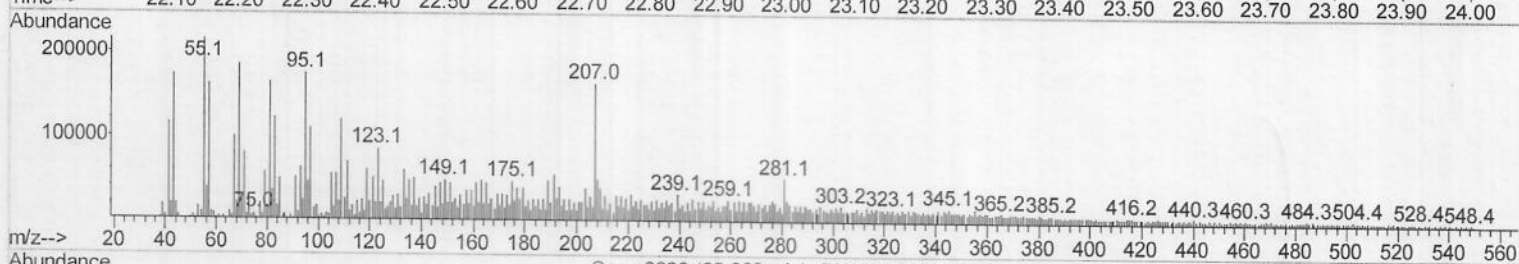
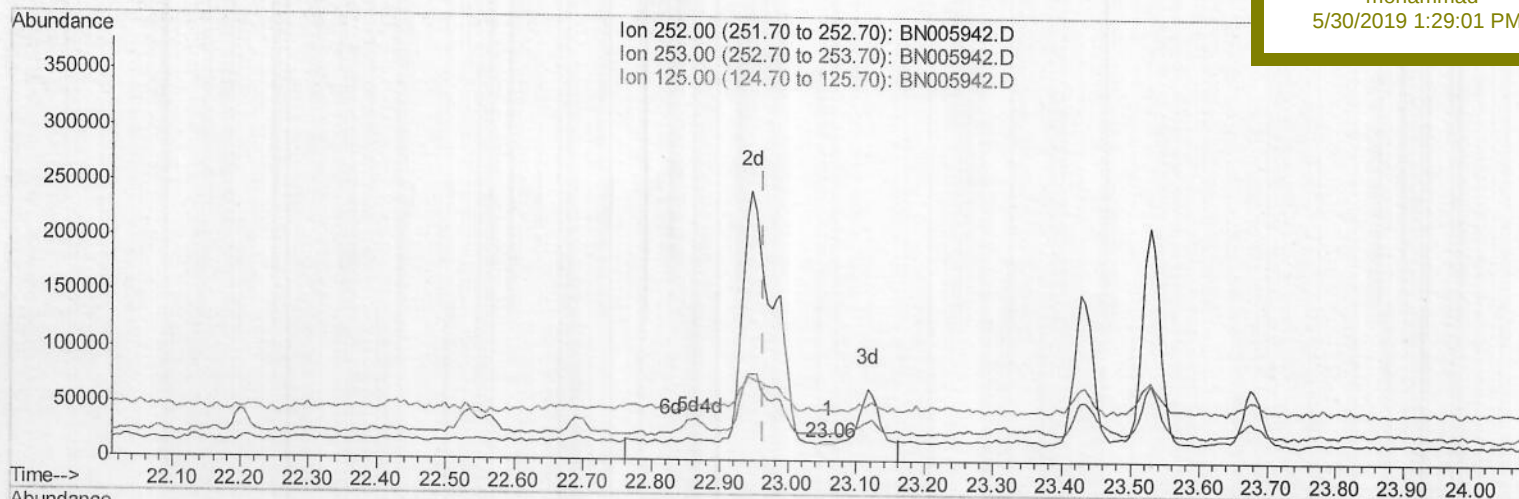
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5/30/2019 1:29:01 PM

(88) Benzo(k)fluoranthene

23.058min (+0.096) 0.02ng/ul

response 2232

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	141.06#
125.00	9.40	260.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

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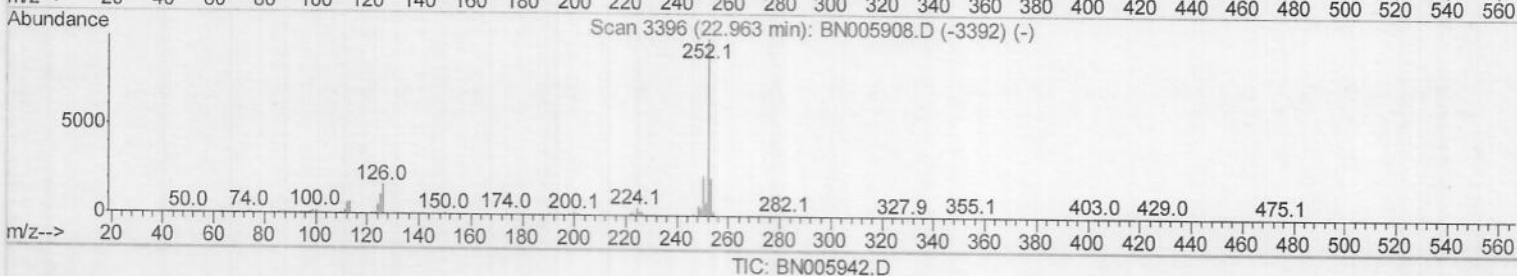
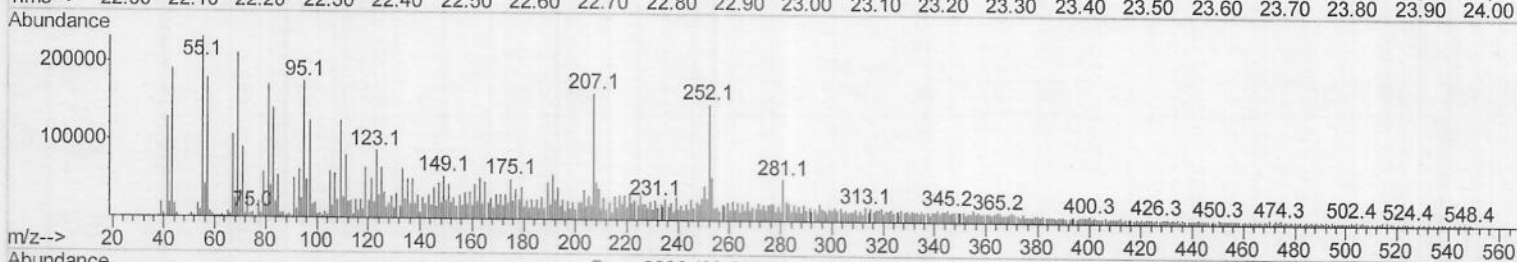
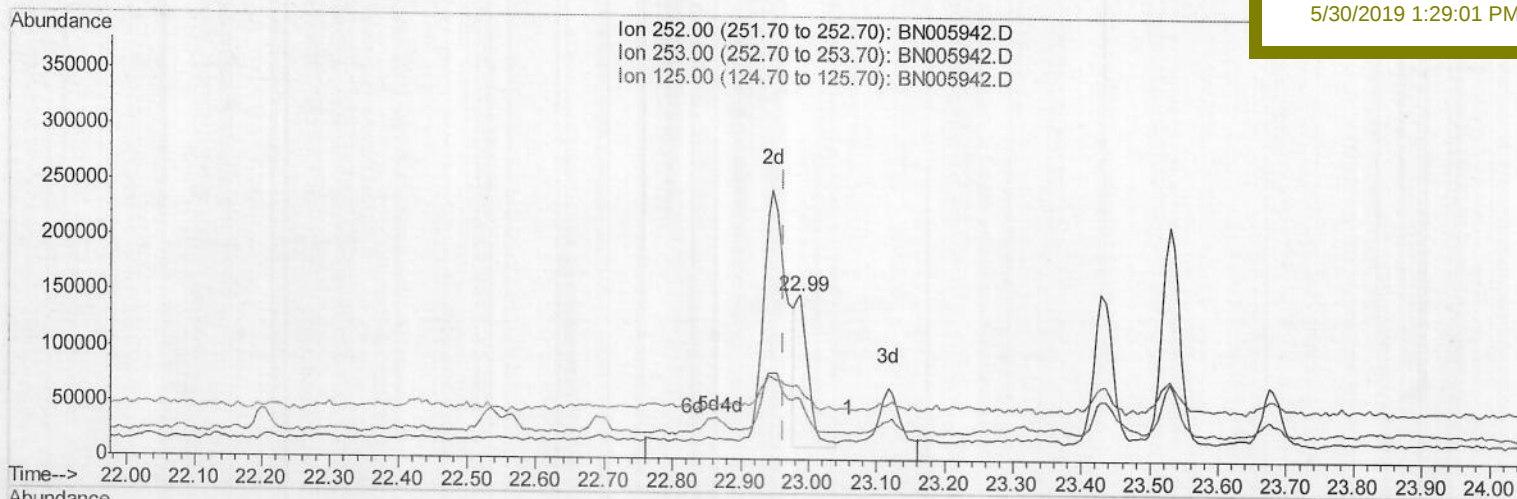
A42B7

Manual Integrations

APPROVED

mohammad

5/30/2019 1:29:01 PM



(88) Benzo(k)fluoranthene

22.988min (+0.025) 1.64ng/ul m

JU06/05/19

response 187639

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	37.43#
125.00	9.40	43.24#
0.00	0.00	0.00

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A42B7

Manual Integrations
APPROVEDmohammad
5/30/2019 1:29:01 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	628331	20.00	ng/ul	0.01
18) Naphthalene-d8	10.53	136	2823953	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.39	164	1616037	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.14	188	3274400	20.00	ng/ul	0.03
77) Chrysene-d12	21.35	240	2035223	20.00	ng/ul	0.02
85) Perylene-d12	23.63	264	2222168	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	49485	3.47	ng/uL	0.00
5) Phenol-d5	6.91	99	1074828	19.30	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.08	67	626090	19.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	863493	20.35	ng/ul	0.01
13) 4-Methylphenol-d8	8.44	113	855320	19.03	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	431507	23.81	ng/ul	0.01
22) 2-Nitrophenol-d4	9.61	143	385571	22.84	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.15	165	852927	21.40	ng/ul	0.02
29) 4-Chloroaniline-d4	10.66	131	522033	9.99	ng/ul	0.02
43) Dimethylphthalate-d6	13.79	166	2597072	21.80	ng/ul	0.01
46) Acenaphthylene-d8	14.08	160	3243626	21.77	ng/ul	0.02
51) 4-Nitrophenol-d4	14.59	143	389198	17.95	ng/ul	0.03
57) Fluorene-d10	15.38	176	2358729	23.61	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.51	200	17422	1.31	ng/ul	0.03
70) Anthracene-d10	17.24	188	3164509	22.71	ng/ul	0.02
78) Pyrene-d10	19.54	212	2683523	26.11	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.49	264	2127869	21.46	ng/ul	0.04

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.84	163	818774	6.876	ng/ul	100
69) Phenanthrene	17.18	178	842060	5.190	ng/ul	100
71) Anthracene	17.27	178	228410	1.387	ng/ul	98
76) Fluoranthene	19.21	202	1231314	7.110	ng/ul#	94
79) Pyrene	19.57	202	988902	7.670	ng/ul#	94
82) Benzo(a)anthracene	21.33	228	445444	3.482	ng/ul#	88
83) Bis(2-ethylhexyl)phthalate	21.26	149	226499	2.697	ng/ul#	92
84) Chrysene	21.38	228	425302	3.564	ng/ul#	87
87) Benzo(b)fluoranthene	22.95	252	531728	4.260	ng/ul#	68
88) Benzo(k)fluoranthene	22.99	252	187639m	1.635	ng/ul	
90) Benzo(a)pyrene	23.53	252	358343	3.045	ng/ul#	63
91) Indeno(1,2,3-cd)pyrene	25.93	276	249223	1.804	ng/ul#	72
93) Benzo(a,h,i)perylene	26.63	276	236389	2.032	ng/ul#	70

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