

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052919\
Data File : BN005929.D
Acq On : 29 May 2019 14:27
Operator : JU/SJ
Sample : K2928-09MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 29 15:03:31 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 :

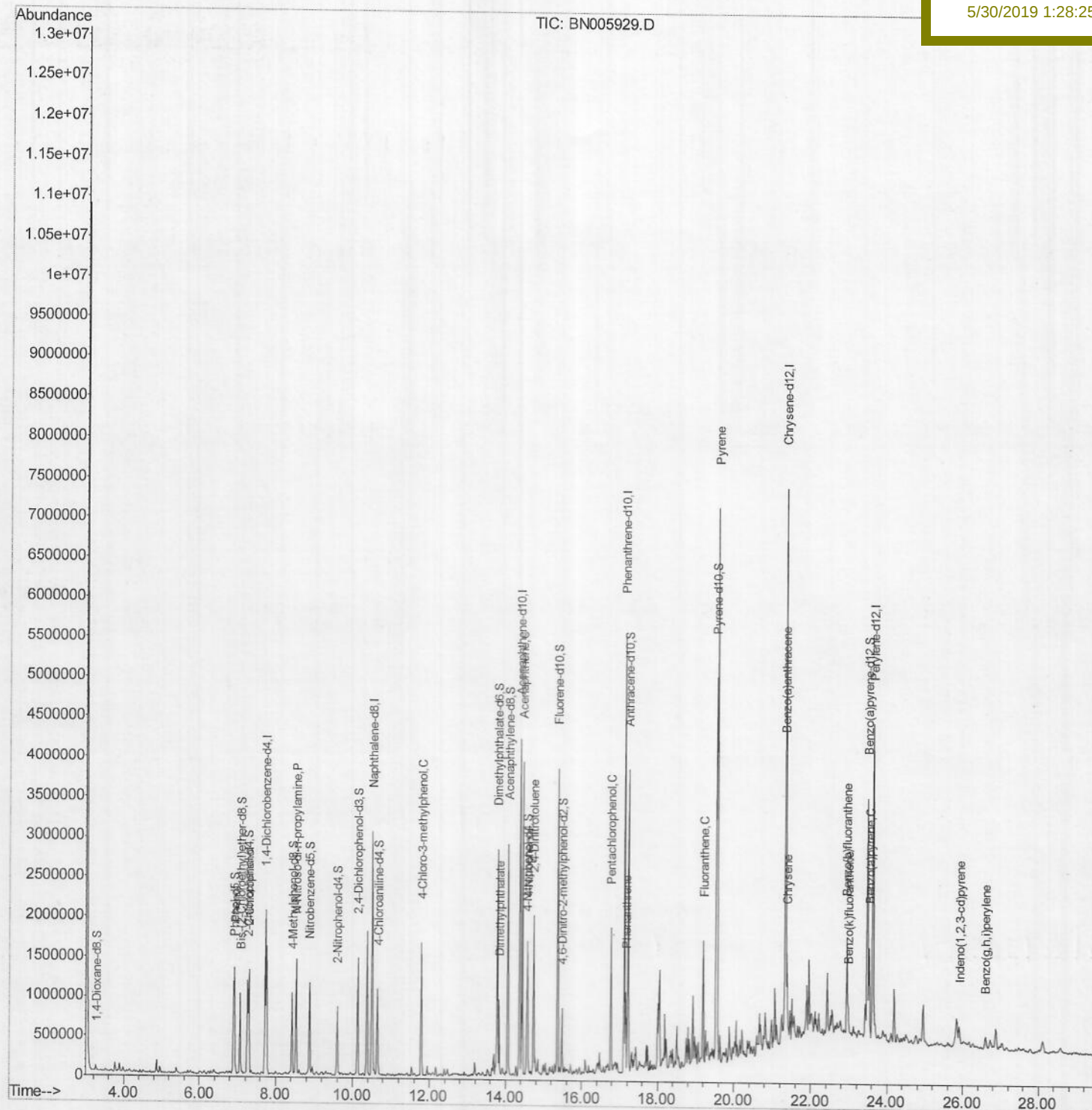
A42C3MSD

Manual Integrations

APPROVED

mohammad

5/30/2019 1:28:25 PM



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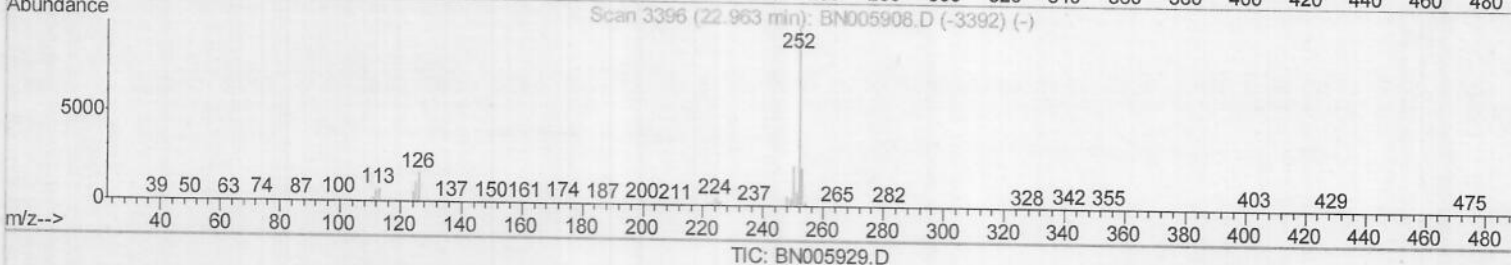
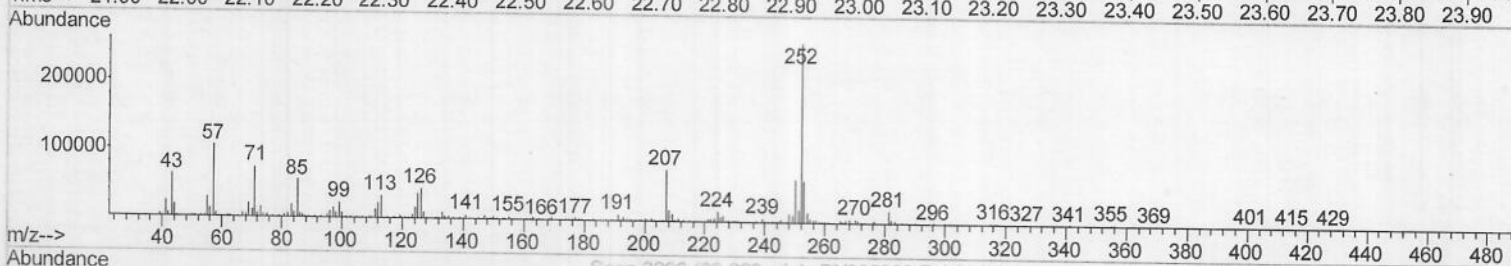
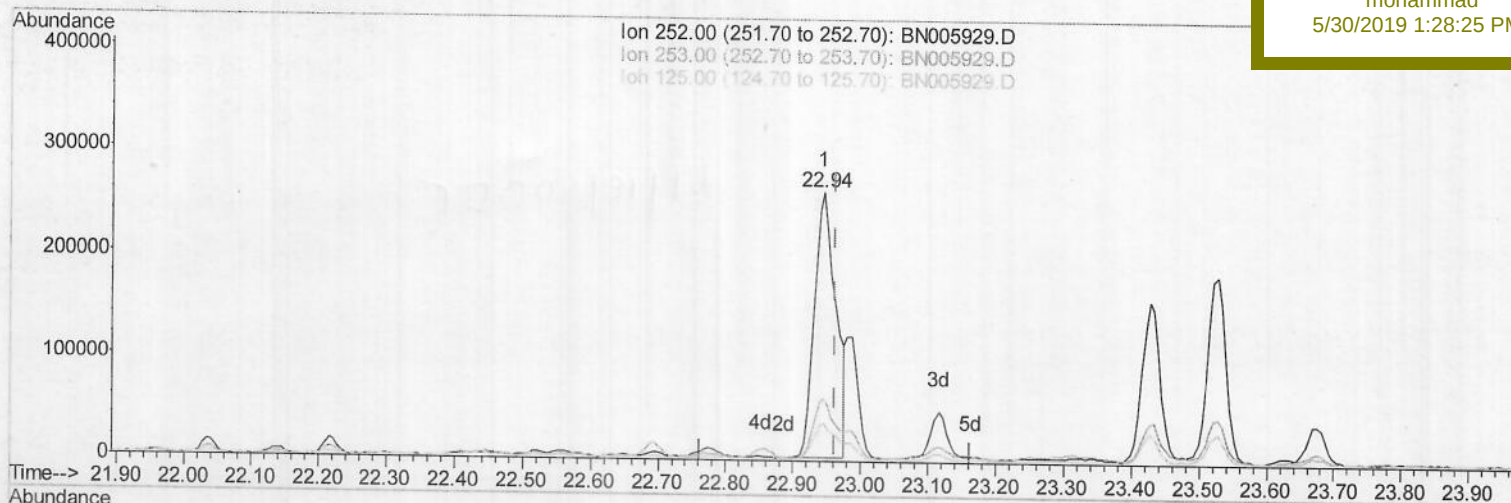
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(88) Benzo(k)fluoranthene

22.945min (-0.018) 4.12ng/ul

response 576199

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.07
125.00	9.40	14.09#
0.00	0.00	0.00

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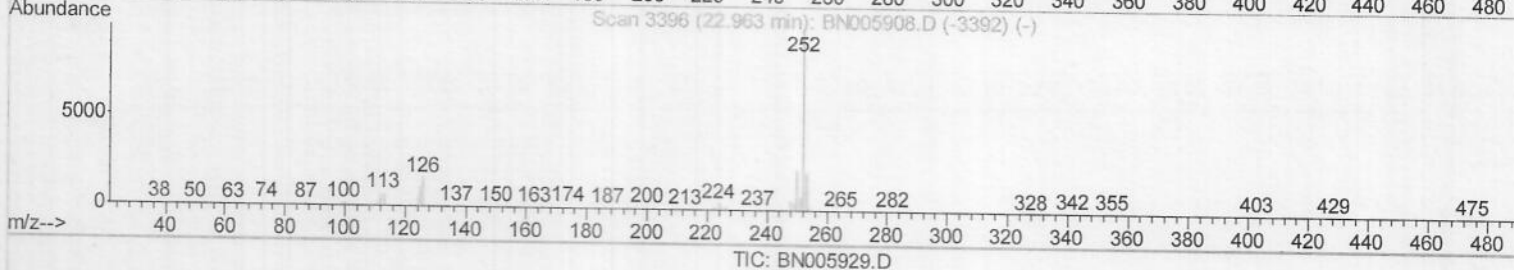
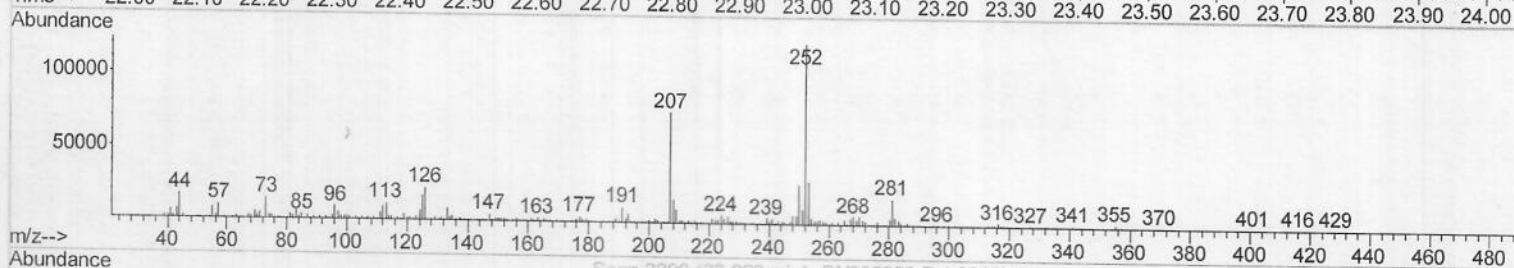
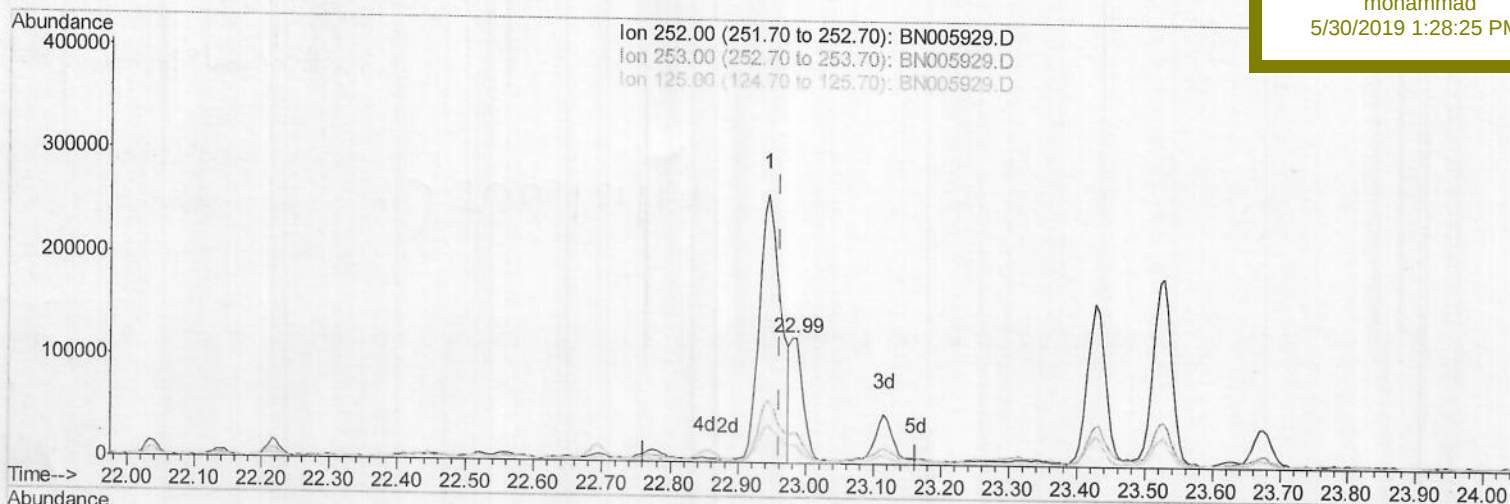
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(88) Benzo(k)fluoranthene

22.986min (+0.023) 1.18ng/ul m

JU006105119

response 165010

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	24.45
125.00	9.40	14.07#
0.00	0.00	0.00

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Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	534990	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	2423424	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	1388020	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	3022661	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	2727303	20.00	ng/ul	0.02
85) Perylene-d12	23.63	264	2705987	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	34108	2.81	ng/uL	0.00
5) Phenol-d5	6.89	99	634273	13.38	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.06	67	441309	16.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	532194	14.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	377061	9.85	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	275313	17.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	269267	18.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	498789	14.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	552944	12.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	1750538	17.11	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	2037209	15.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	216508	11.63	ng/ul	0.00
57) Fluorene-d10	15.36	176	1456945	16.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	146134	11.86	ng/ul	0.00
70) Anthracene-d10	17.22	188	2027540	15.76	ng/ul	0.00
78) Pyrene-d10	19.53	212	2315730	16.81	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.48	264	1951797	16.16	ng/ul	0.03

Target Compounds

						Qvalue
6) Phenol	6.92	94	722331	14.784	ng/ul	90
10) 2-Chlorophenol	7.29	128	555736	15.134	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.53	70	501389	16.235	ng/ul	88
33) 4-Chloro-3-methylphenol	11.79	107	578119	14.160	ng/ul	95
44) Dimethylphthalate	13.83	163	565709	5.531	ng/ul	100
49) Acenaphthene	14.43	153	1468681	17.224	ng/ul	99
52) 4-Nitrophenol	14.57	109	203762	13.959	ng/ul	84
54) 2,4-Dinitrotoluene	14.73	165	495931	18.871	ng/ul	94
68) Pentachlorophenol	16.77	266	252538	14.232	ng/ul	98
69) Phenanthrene	17.16	178	569642	3.804	ng/ul	99
76) Fluoranthene	19.19	202	748461	4.682	ng/ul#	92
79) Pyrene	19.56	202	3709927	21.474	ng/ul#	93
82) Benzo(a)anthracene	21.33	228	452199	2.638	ng/ul#	90
84) Chrysene	21.38	228	665630	4.163	ng/ul#	93
87) Benzo(b)fluoranthene	22.94	252	576199	3.791	ng/ul#	96
88) Benzo(k)fluoranthene	22.99	252	165010m)	1.181	ng/ul	
90) Benzo(a)pyrene	23.53	252	345915	2.413	ng/ul#	92
91) Indeno(1,2,3-cd)pyrene	25.90	276	187975	1.118	ng/ul#	91
93) Benzo(g,h,i)perylene	26.60	276	154957	1.094	ng/ul#	91

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