

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\

Data File : BN006054.D

Acq On : 04 Jun 2019 02:23

Operator : JU/SJ

Sample : K2923-19

Misc :

ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jun 04 03:57:36 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Jun 03 14:55:48 2019

Response via : Initial Calibration

Instrument :

BNA_N

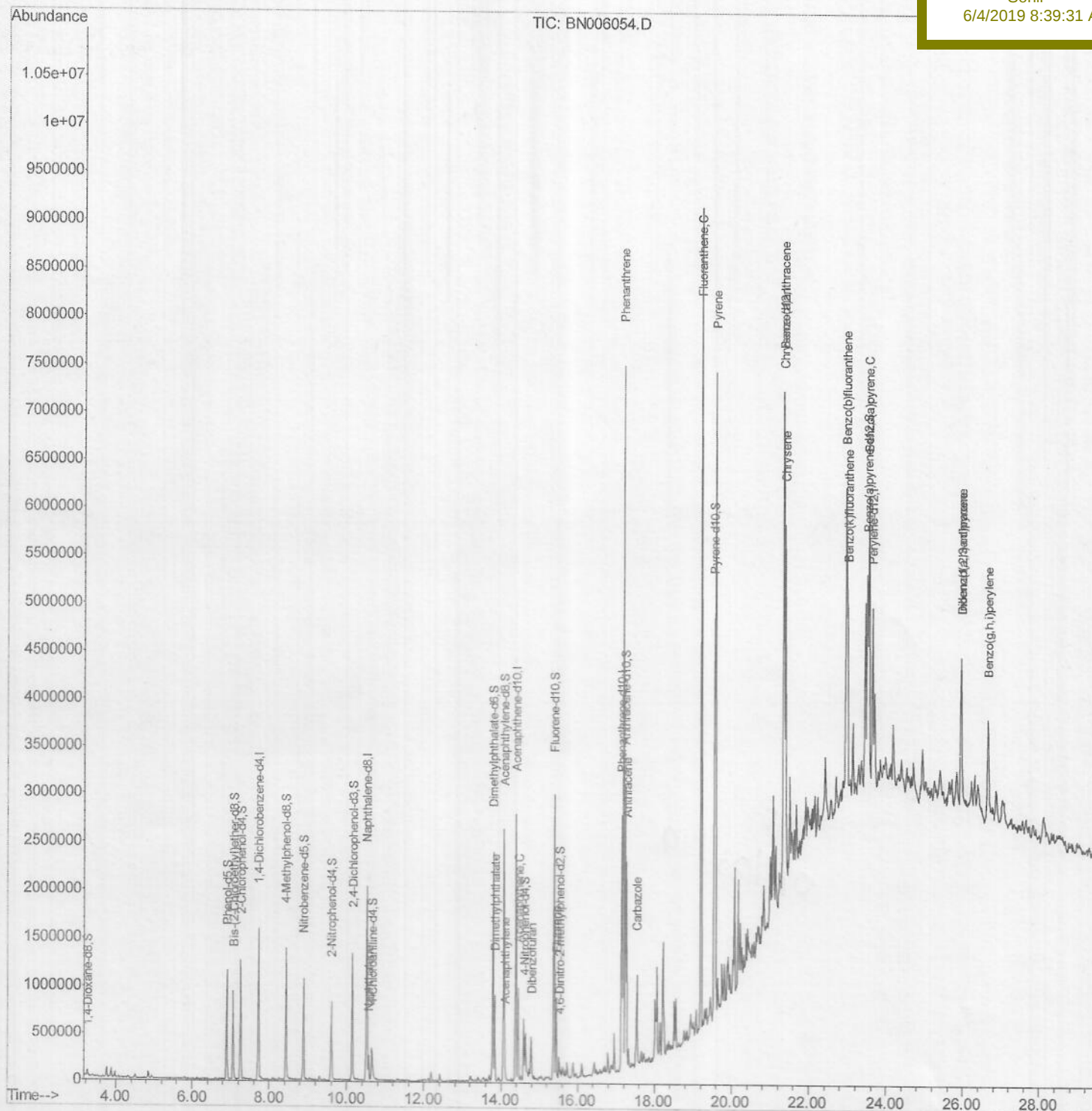
Client Sample Id :

A42D7

Manual Integrations
APPROVED

Sohil

6/4/2019 8:39:31 AM



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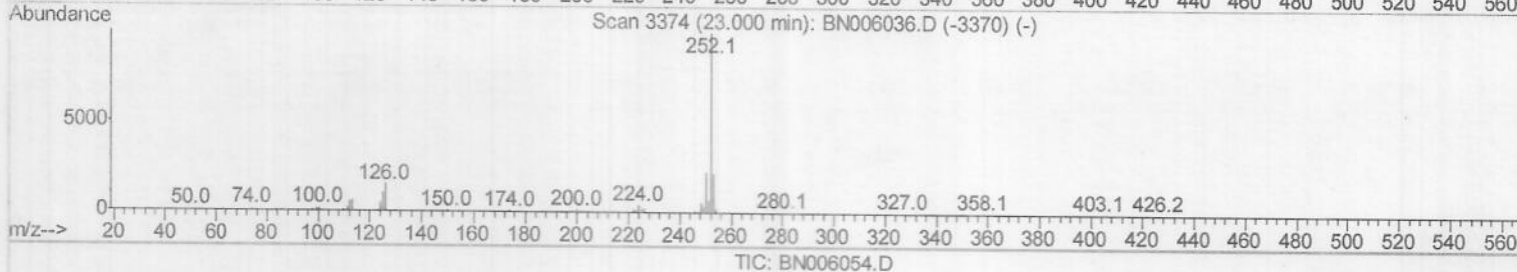
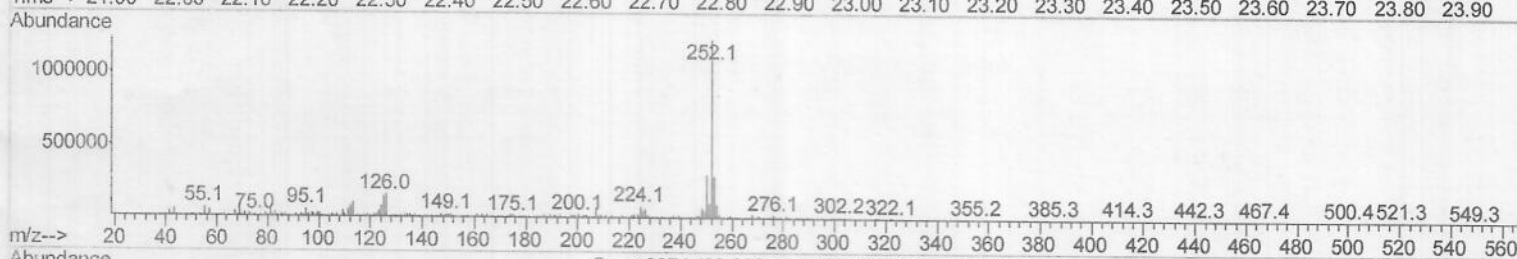
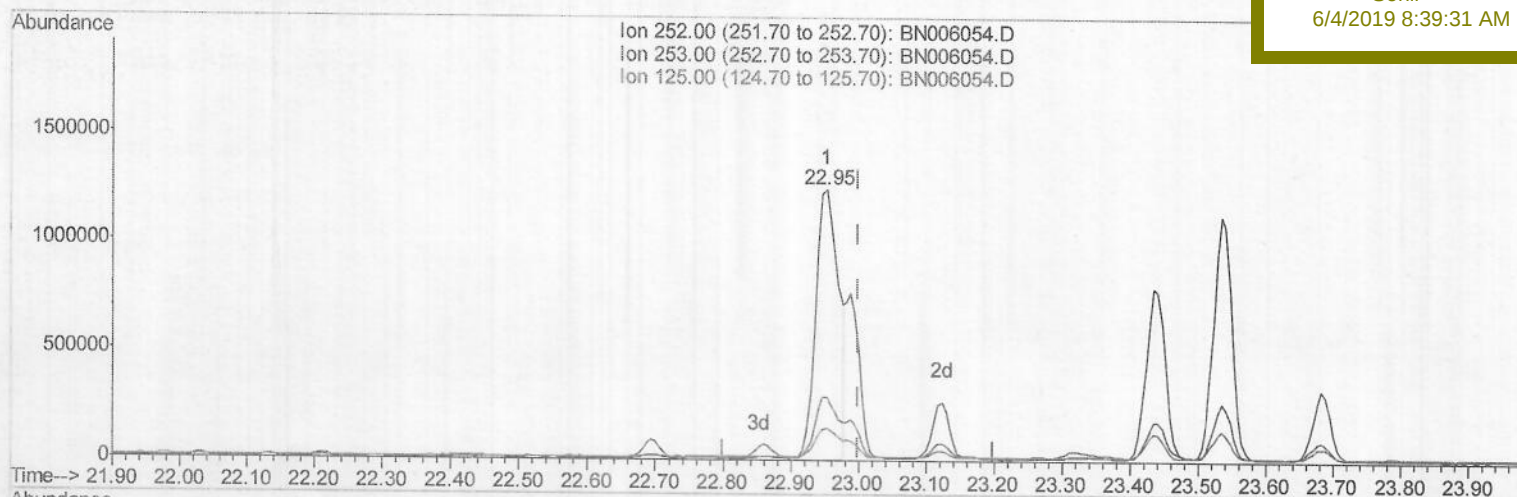
Client Sampled :

A42D7

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6/4/2019 8:39:31 AM



(88) Benzo(k)fluoranthene

22.953min (-0.047) 36.94ng/ul

response 2840292

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	22.99
125.00	10.30	11.87
0.00	0.00	0.00

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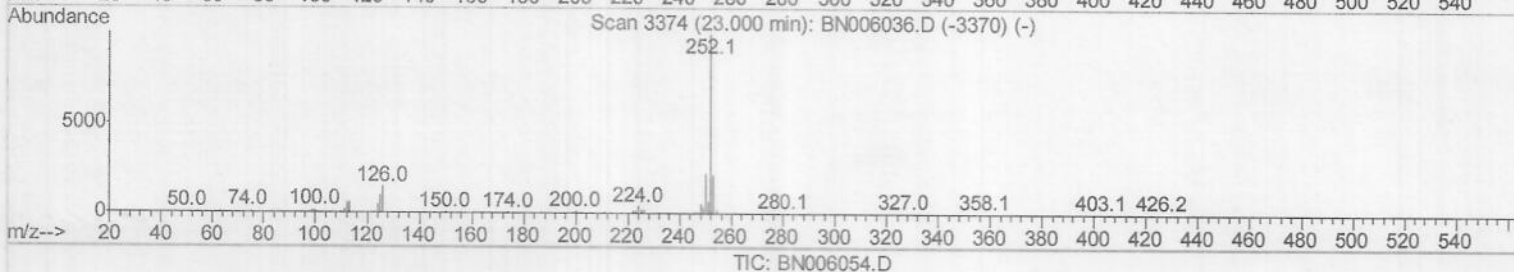
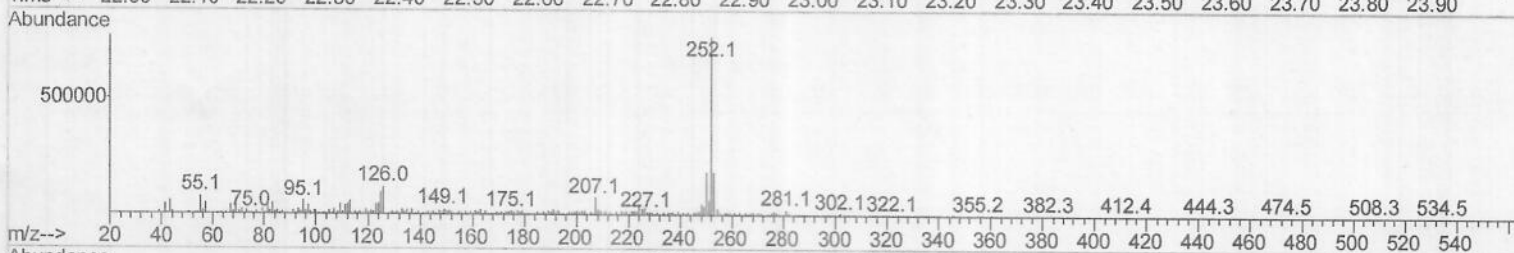
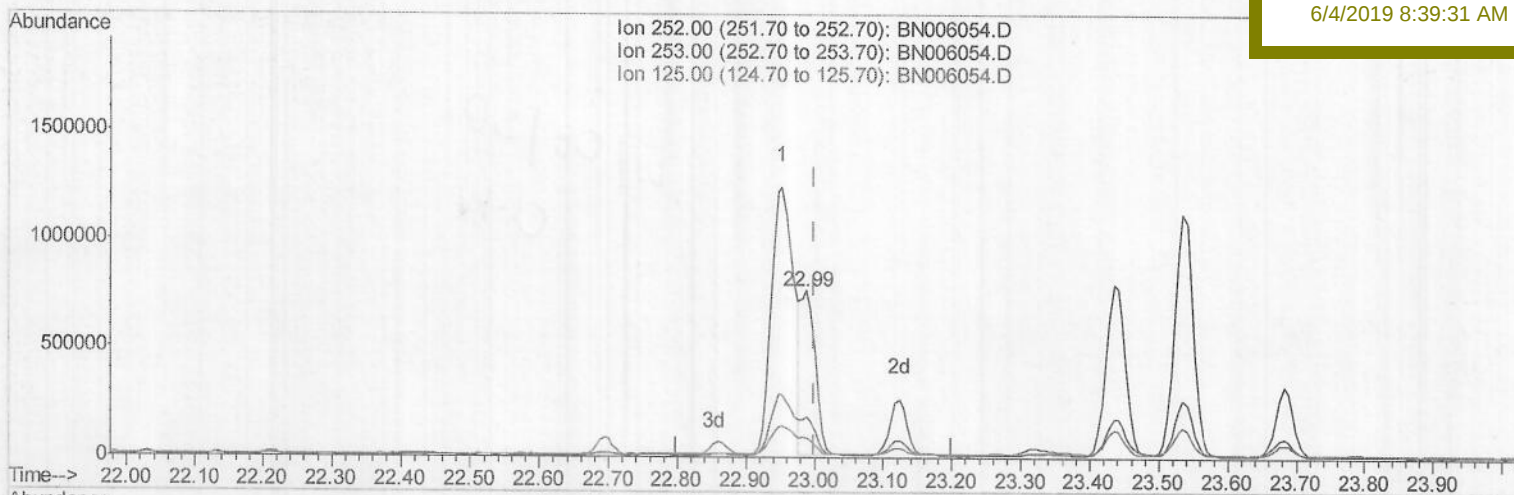
ClientSampled :

A42D7

Manual Integrations
APPROVED

Sohil

6/4/2019 8:39:31 AM



(88) Benzo(k)fluoranthene

22.988min (-0.012) 13.93ng/ul m) JU 06/05/19

response 1071053

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	24.29
125.00	10.30	12.09
0.00	0.00	0.00

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Manual Integrations
APPROVED

Sohil

6/4/2019 8:39:31 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	418717	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	1724180	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	885312	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1583915	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	1203042	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	1438542	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	33204	3.69	ng/uL	0.00
5) Phenol-d5	6.90	99	686065	19.82	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.06	67	394590	20.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	557442	20.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	519396	18.76	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	265381	21.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	273631	19.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	504836	20.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	222849	7.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1468308	23.44	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	1813938	22.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	179742	15.53	ng/ul	0.00
57) Fluorene-d10	15.38	176	1173448	22.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	42527	5.54	ng/ul	0.00
70) Anthracene-d10	17.24	188	1526803	23.00	ng/ul	0.00
78) Pyrene-d10	19.54	212	1459481	21.27	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	1435397	22.46	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.57	128	198925	2.452 ng/ul	100
44) Dimethylphthalate	13.84	163	527664	8.512 ng/ul	100
47) Acenaphthylene	14.10	152	169858	2.145 ng/ul	98
49) Acenaphthene	14.45	153	403640	7.567 ng/ul	99
53) Dibenzofuran	14.78	168	263920	3.484 ng/ul	98
58) Fluorene	15.44	166	389689	6.659 ng/ul	99
69) Phenanthrene	17.18	178	4371396	56.873 ng/ul	99
71) Anthracene	17.27	178	1294356	16.583 ng/ul	100
74) Carbazole	17.54	167	603728	8.992 ng/ul	100
76) Fluoranthene	19.21	202	5138423	68.695 ng/ul	100
79) Pyrene	19.57	202	4259687	49.126 ng/ul	99
82) Benzo(a)anthracene	21.33	228	2299160	30.929 ng/ul	97
84) Chrysene	21.38	228	2137059	30.385 ng/ul	98
87) Benzo(b)fluoranthene	22.95	252	2840292	35.797 ng/ul	97
88) Benzo(k)fluoranthene	22.99	252	1071053m)	13.930 ng/ul	
90) Benzo(a)pyrene	23.54	252	2099038	27.824 ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.95	276	1596278	18.380 ng/ul	94
92) Dibenzo(a,h)anthracene	25.94	278	437504	5.975 ng/ul#	75
93) Benzo(g,h,i)perylene	26.65	276	1271807	17.791 ng/ul	98

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