

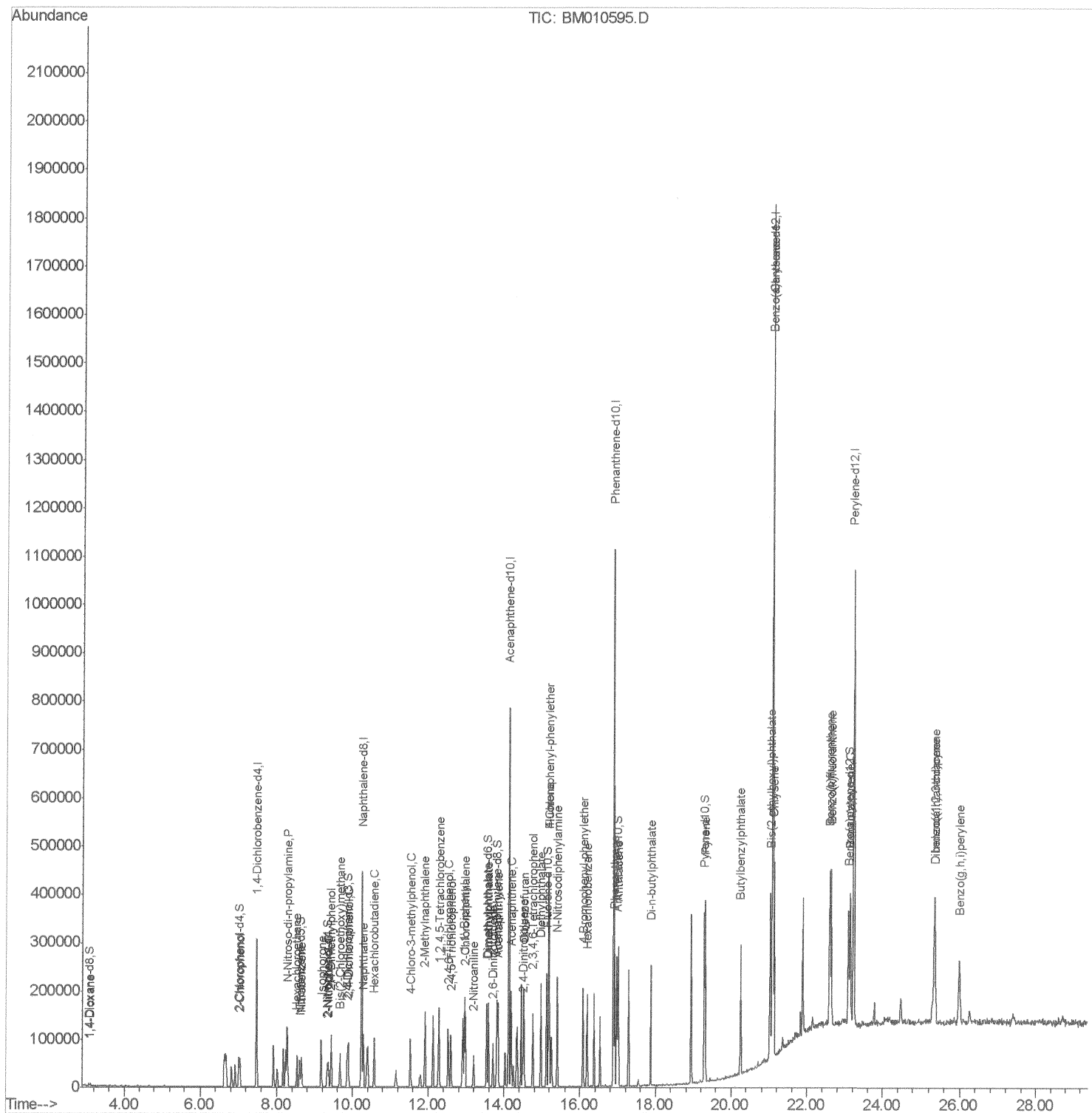
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062017\
Data File : BM010595.D
Acq On : 20 Jun 2017 18:19
Operator : SJ/MA
Sample : SSTD00537
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD00537

Manual Integrations
APPROVED

mohammad
6/21/2017 4:08:48 PM

Quant Time: Jun 20 18:54:59 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 17:04:25 2017
Response via : Initial Calibration



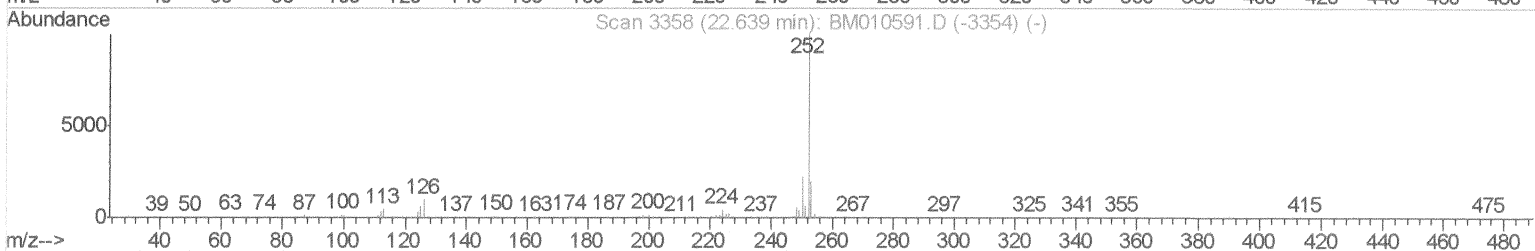
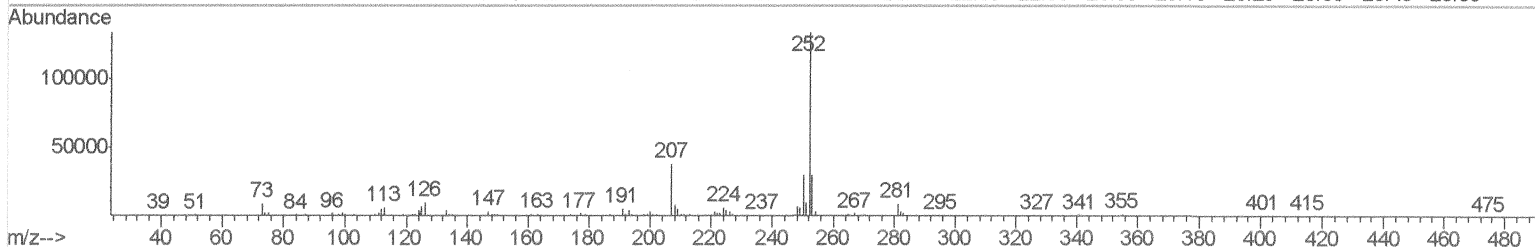
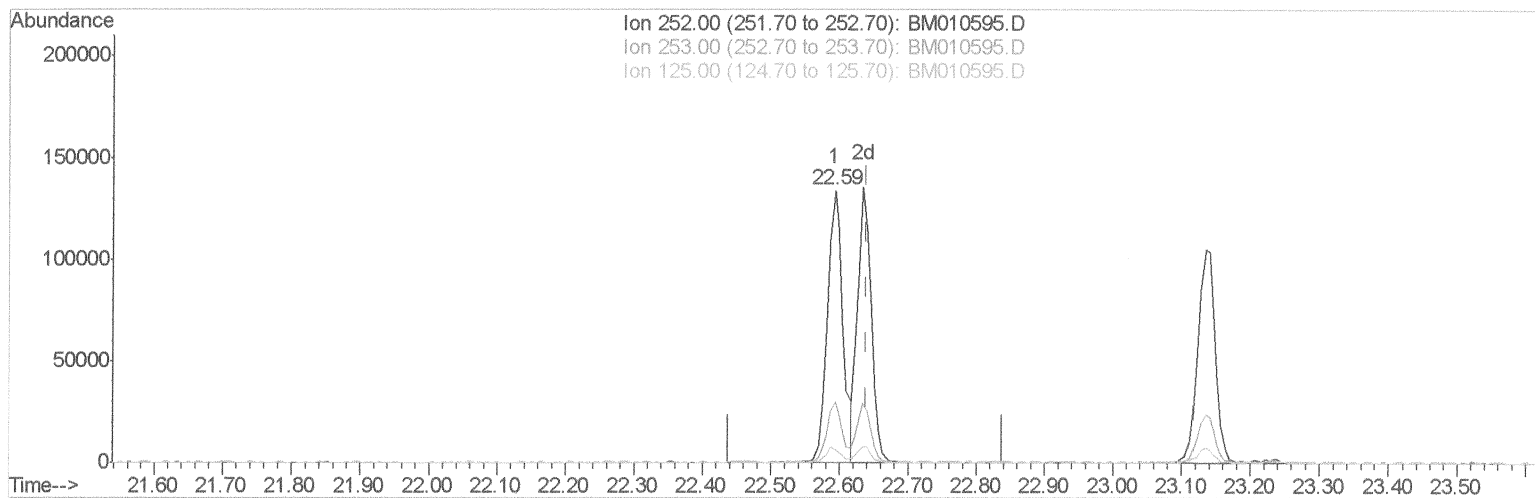
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TIC: BM010595.D

(86) Benzo(k)fluoranthene

22.592min (-0.047) 4.99ng/ul

response 210452

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.39
125.00	4.30	4.86
0.00	0.00	0.00

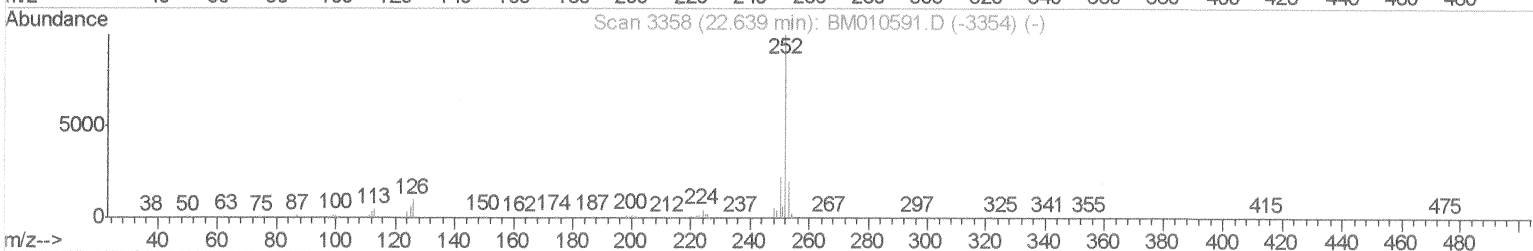
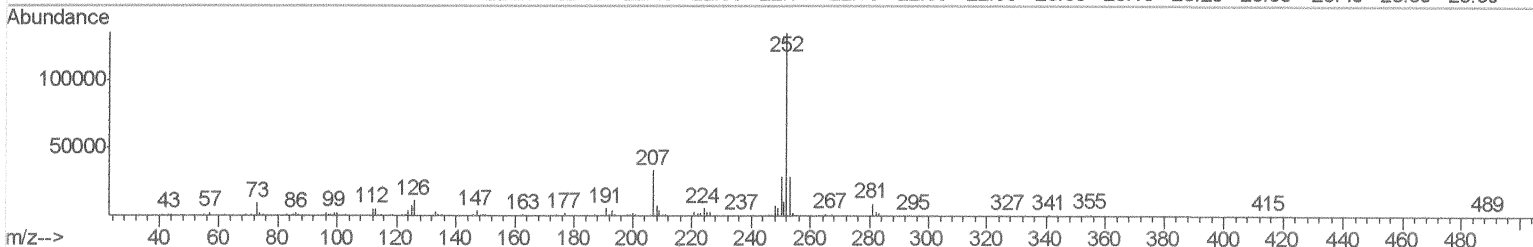
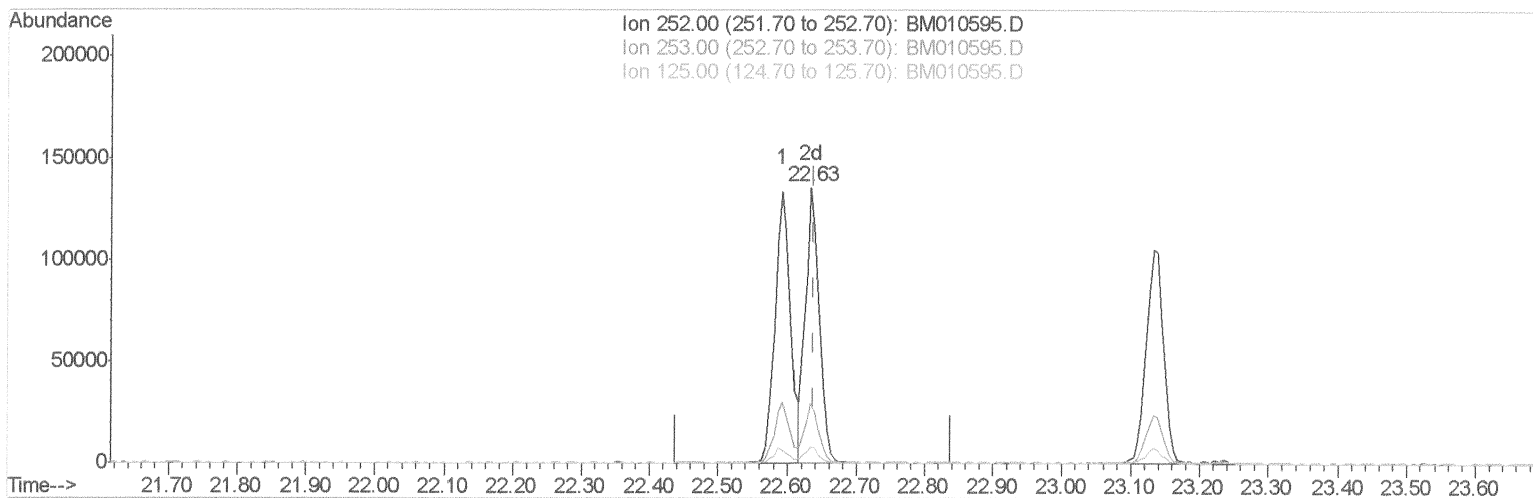
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TIC: BM010595.D

(86) Benzo(k)fluoranthene

22.633min (-0.006) 4.49ng/ul m

response 189452

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.71
125.00	4.30	5.76#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	73604	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	337096	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	234254	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	621858	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	769432	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	654738	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	2190	1.54	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl) ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.00	132	22908	4.70	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.62	128	11182	4.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	12535	4.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	27065	4.82	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.54	166	98873	5.03	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	115089	4.87	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.12	176	86704	4.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	16.97	188	143623	5.31	ng/ul	0.00
76) Pyrene-d10	19.28	212	168529	5.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	150717	4.33	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.11	88	2618	1.503	ng/uL#	1
10) 2-Chlorophenol	7.03	128	22444	4.508	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.27	70	22823	3.845	ng/ul#	89
17) Hexachloroethane	8.53	117	10676	4.661	ng/ul#	66
20) Nitrobenzene	8.65	77	31810	3.833	ng/ul#	88
21) Isophorone	9.18	82	66008	4.513	ng/ul	97
23) 2-Nitrophenol	9.35	139	13117	4.371	ng/ul#	90
24) 2,4-Dimethylphenol	9.43	107	34712	4.704	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.66	93	36922	4.392	ng/ul	96
27) 2,4-Dichlorophenol	9.88	162	26145	4.732	ng/ul#	89
28) Naphthalene	10.28	128	80712	4.768	ng/ul	98
31) Hexachlorobutadiene	10.57	225	21510	5.482	ng/ul	95
33) 4-Chloro-3-methylphenol	11.52	107	33081	4.961	ng/ul	90
34) 2-Methylnaphthalene	11.90	142	64742	4.916	ng/ul	89
36) 1,2,4,5-Tetrachlorobenzene	12.28	216	40236	5.132	ng/ul#	97
38) 2,4,6-Trichlorophenol	12.53	196	27194	5.144	ng/ul	87
39) 2,4,5-Trichlorophenol	12.60	196	28103	5.168	ng/ul	94
40) 1,1'-Biphenyl	12.95	154	89119	4.794	ng/ul	96
41) 2-Chloronaphthalene	12.97	162	70669	4.941	ng/ul	96
42) 2-Nitroaniline	13.19	65	17292	2.938	ng/ul	97
44) Dimethylphthalate	13.59	163	99544	5.143	ng/ul	99
45) 2,6-Dinitrotoluene	13.70	165	14540	3.725	ng/ul	87
47) Acenaphthylene	13.83	152	112327	4.833	ng/ul	99

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49) Acenaphthene	14.18	153	75110	4.754	ng/ul	97
53) Dibenzofuran	14.52	168	114790	4.910	ng/ul	99
54) 2,4-Dinitrotoluene	14.49	165	23226	3.926	ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	14.75	232	28167	5.314	ng/ul#	89
56) Diethylphthalate	14.97	149	102990	4.944	ng/ul	94
58) Fluorene	15.17	166	95073	4.761	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.18	204	51862	4.974	ng/ul#	87
64) N-Nitrosodiphenylamine	15.40	169	81428	4.437	ng/ul	94
65) 4-Bromophenyl-phenylether	16.07	248	35174	5.027	ng/ul	90
66) Hexachlorobenzene	16.18	284	37183	4.854	ng/ul#	89
69) Phenanthrene	16.92	178	159512	4.641	ng/ul	100
71) Anthracene	17.00	178	162050	4.492	ng/ul	96
73) Di-n-butylphthalate	17.87	149	173632	4.465	ng/ul	98
77) Pyrene	19.31	202	209559	4.875	ng/ul#	94
78) Butylbenzylphthalate	20.24	149	75561	4.312	ng/ul#	96
80) Benzo(a)anthracene	21.07	228	217452	4.814	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.03	149	115431	4.329	ng/ul#	98
82) Chrysene	21.12	228	187815	4.622	ng/ul	99
85) Benzo(b)fluoranthene	22.59	252	210452	4.606	ng/ul	100
86) Benzo(k)fluoranthene	22.63	252	189452m	4.489	ng/ul	99
88) Benzo(a)pyrene	23.13	252	187687	4.371	ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	25.34	276	191098	3.905	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.36	278	159506	3.812	ng/ul#	98
91) Benzo(g,h,i)perylene	25.99	276	154125	3.955	ng/ul	96

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

JS 06/20/17