

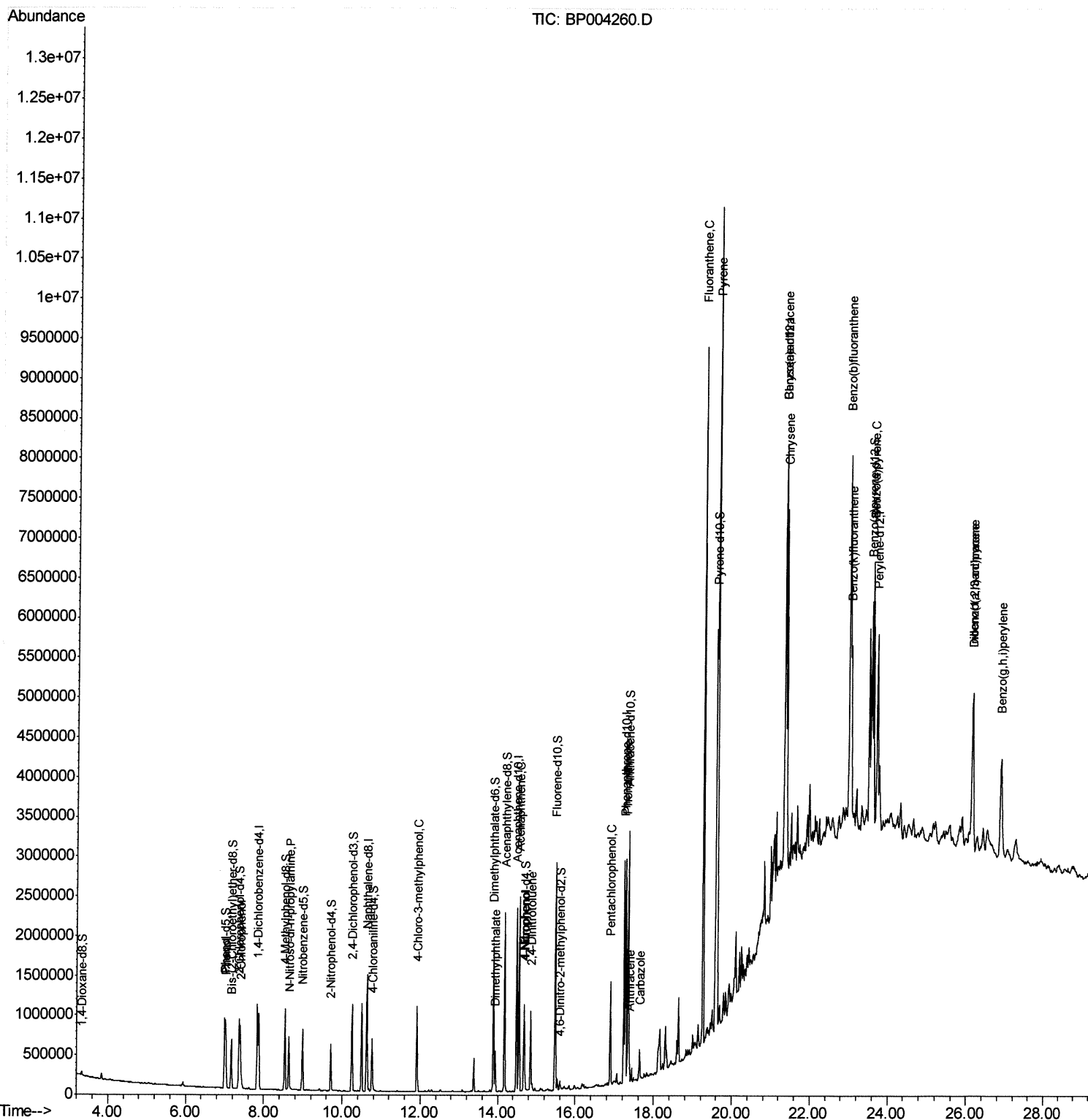
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004260.D
Acq On : 12 Dec 2020 15:43
Operator : CG/JU
Sample : L5000-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54A1MSD

Quant Time: Dec 14 06:17:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
12/14/2020 2:46:19 PM



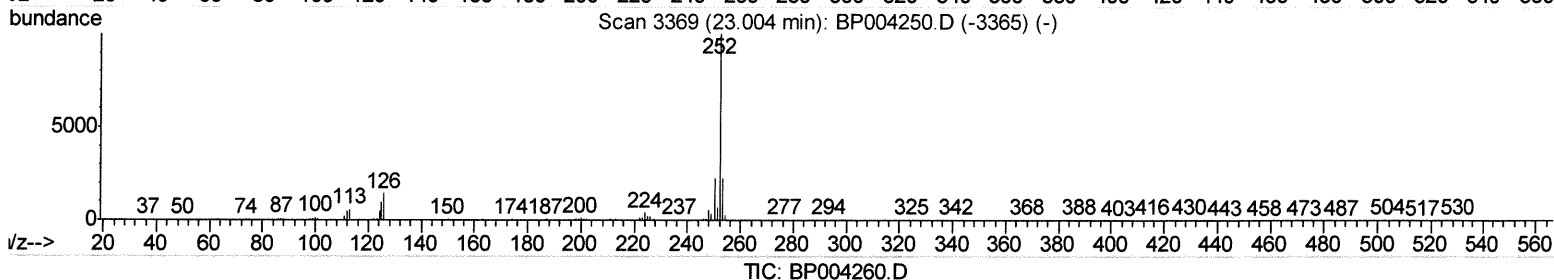
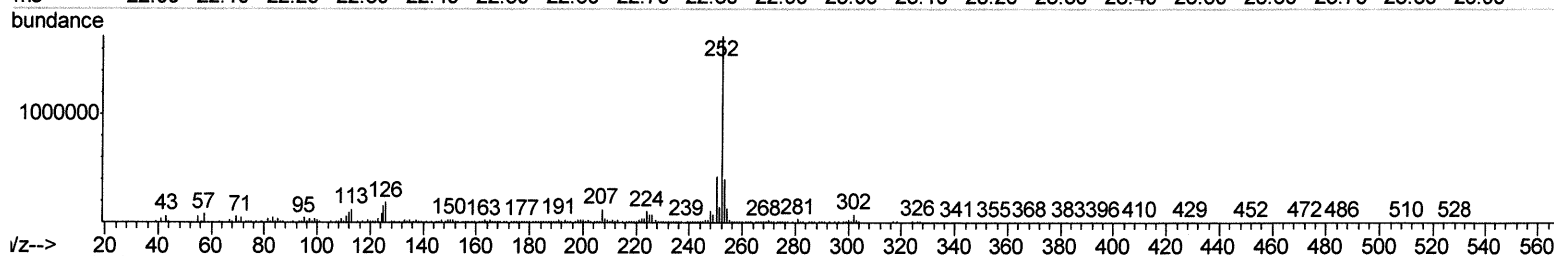
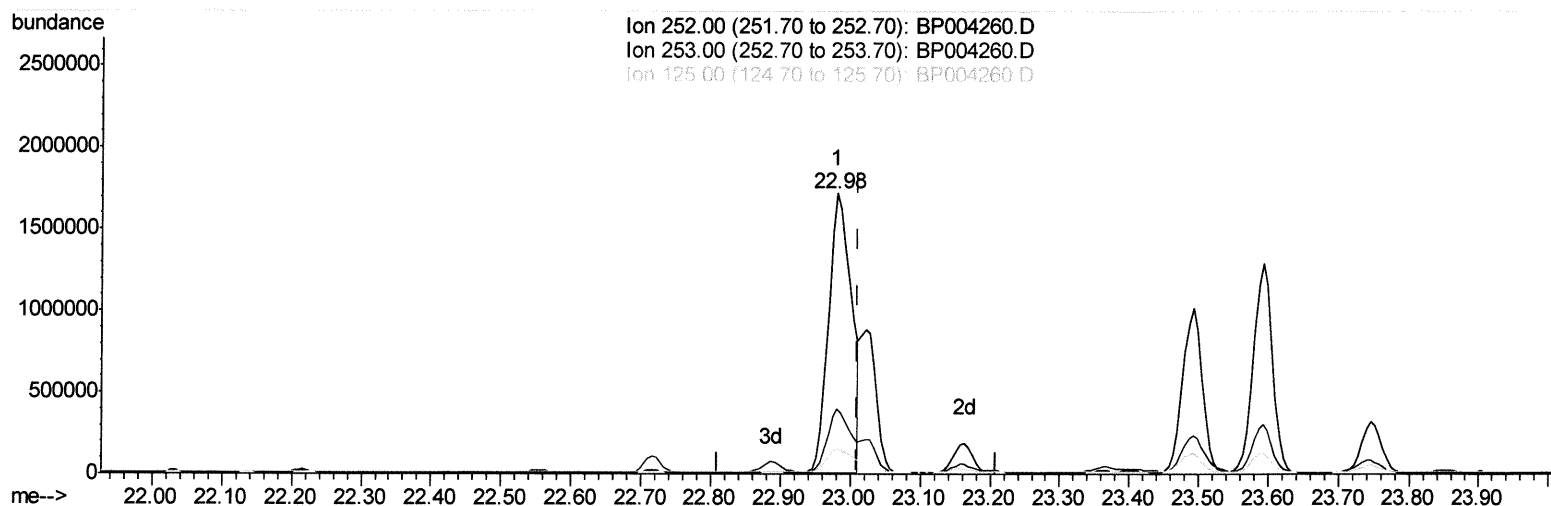
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(89) Benzo(k)fluoranthene
 22.980min (-0.029) 30.37ng/ul
 response 3902953

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.30
125.00	9.10	9.25
0.00	0.00	0.00

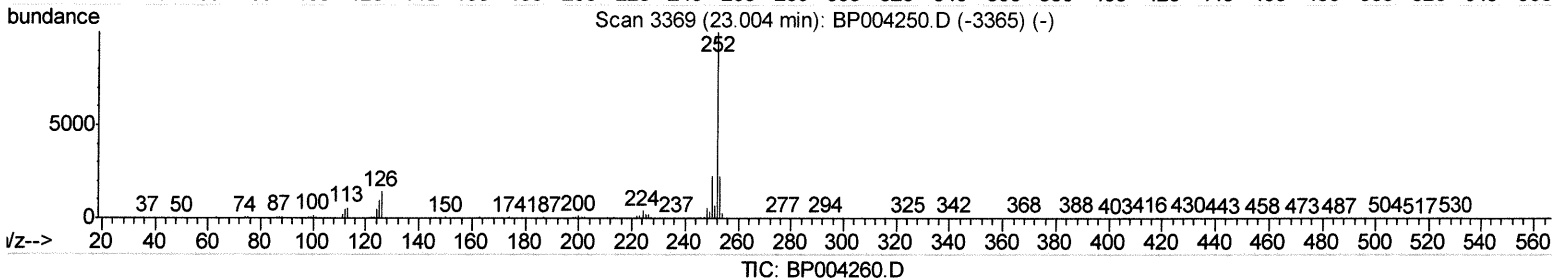
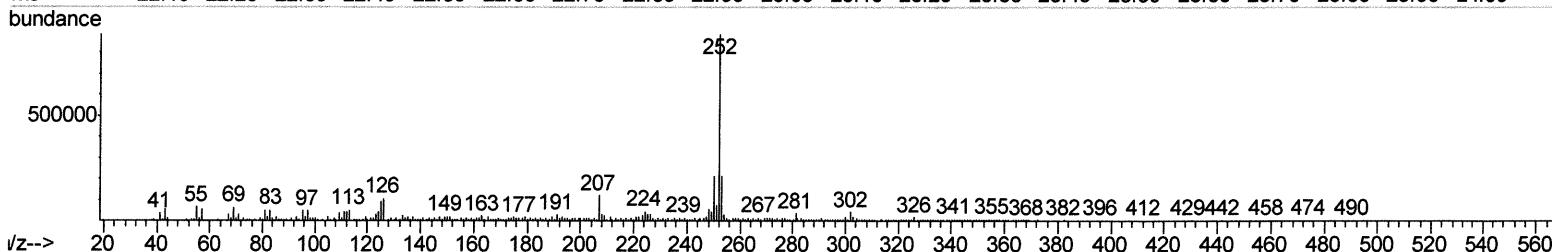
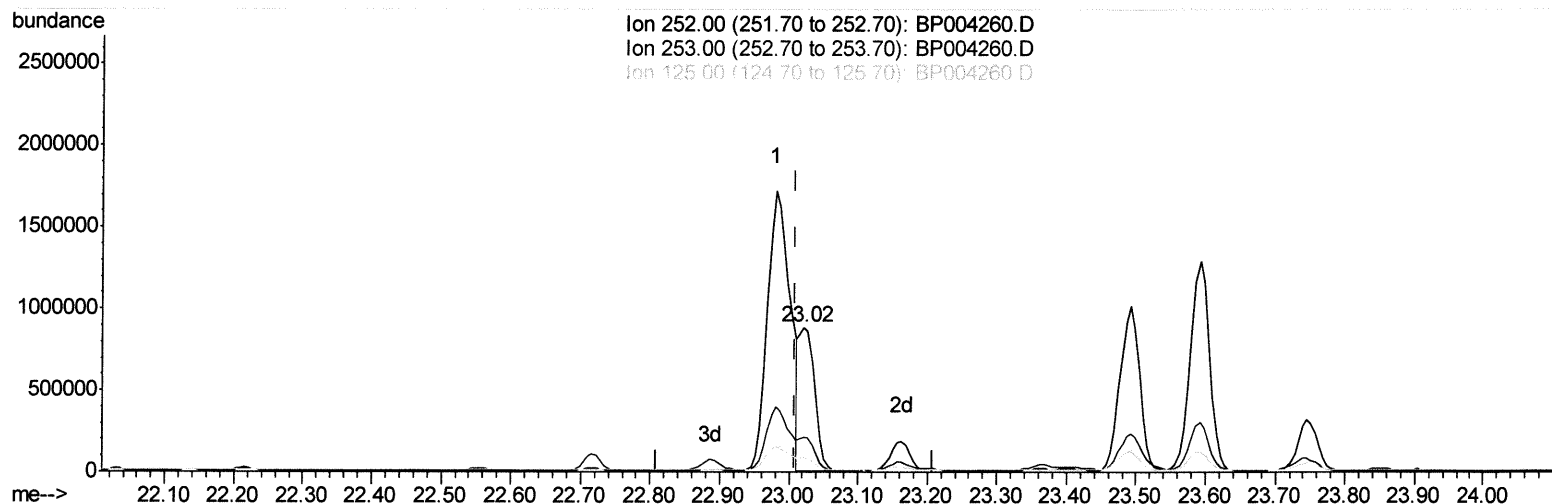
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(89) Benzo(k)fluoranthene

23.022min (+0.012) 10.72ng/ul m

response 1377762

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.26
125.00	9.10	10.12
0.00	0.00	0.00

3412/28/20

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	315016	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1291022	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	805913	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.24	188	1762894	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	1751020	20.00	ng/ul	0.01
86) Perylene-d12	23.70	264	1973187	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	25284	2.82	ng/uL	0.00
5) Phenol-d5	7.00	99	522140	20.04	ng/ul	0.01
7) Bis-(2-Chloroethyl) ether-d	7.17	67	277532	17.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	423213	21.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	401531	20.39	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	207744	19.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	213689	24.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	432413	22.55	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	392452	16.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1267723	20.58	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1675820	21.32	ng/ul	0.01
52) 4-Nitrophenol-d4	14.67	143	196003	18.84	ng/ul	0.02
58) Fluorene-d10	15.48	176	1144604	20.52	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.60	200	27398	3.24	ng/ul	0.02
71) Anthracene-d10	17.34	188	1841949	21.44	ng/ul	0.00
79) Pyrene-d10	19.58	212	2065295	22.64	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.55	264	2311157	22.23	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	7.03	94	487098	17.902	ng/ul	99
10) 2-Chlorophenol	7.40	128	365366	17.621	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.64	70	264683	17.549	ng/ul	96
33) 4-Chloro-3-methylphenol	11.92	107	384771	21.033	ng/ul	99
45) Dimethylphthalate	13.93	163	332937	5.307	ng/ul	100
50) Acenaphthene	14.55	153	980835	17.756	ng/ul	98
53) 4-Nitrophenol	14.69	109	133639	17.405	ng/ul	93
55) 2,4-Dinitrotoluene	14.85	165	295847	17.844	ng/ul	97
69) Pentachlorophenol	16.89	266	227074	20.084	ng/ul	100
70) Phenanthrene	17.29	178	1786026	17.173	ng/ul	100
72) Anthracene	17.37	178	214604	2.086	ng/ul	99
75) Carbazole	17.65	167	244491	2.920	ng/ul	99
77) Fluoranthene	19.26	202	5079808	45.743	ng/ul	97
80) Pyrene	19.61	202	6155022	52.110	ng/ul	98
83) Benzo(a)anthracene	21.32	228	1997314	17.305	ng/ul	96
85) Chrysene	21.37	228	2661763	23.508	ng/ul	97
88) Benzo(b)fluoranthene	22.98	252	3902953	31.190	ng/ul	98
89) Benzo(k)fluoranthene	23.02	252	1377762m	10.721	ng/ul	98
91) Benzo(a)pyrene	23.59	252	2448341	20.967	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	26.13	276	2128463	14.535	ng/ul#	94
93) Dibenzo(a,h)anthracene	26.13	278	482068	3.928	ng/ul#	87
94) Benzo(a,h,i)perylene	26.87	276	1767380	14.386	ng/ul	96

> 5412/12/20

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed