Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102821\
Data File : BP007764.D
Acq On : 28 Oct 2021 21:50
Operator : CG/JU
Sample : PB140115BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 29 00:58:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 27 15:37:43 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS115

Manual Integrations APPROVED
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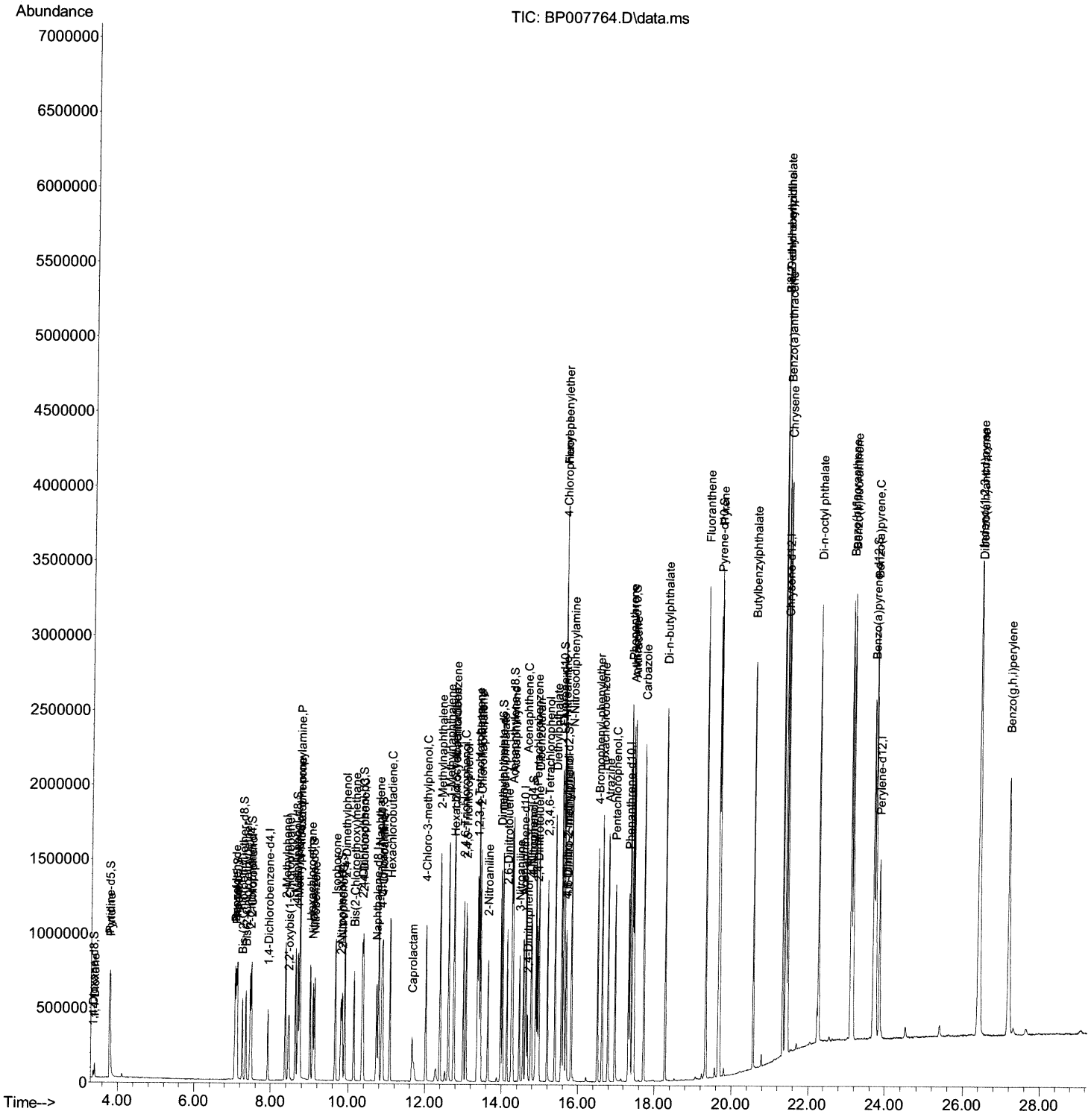

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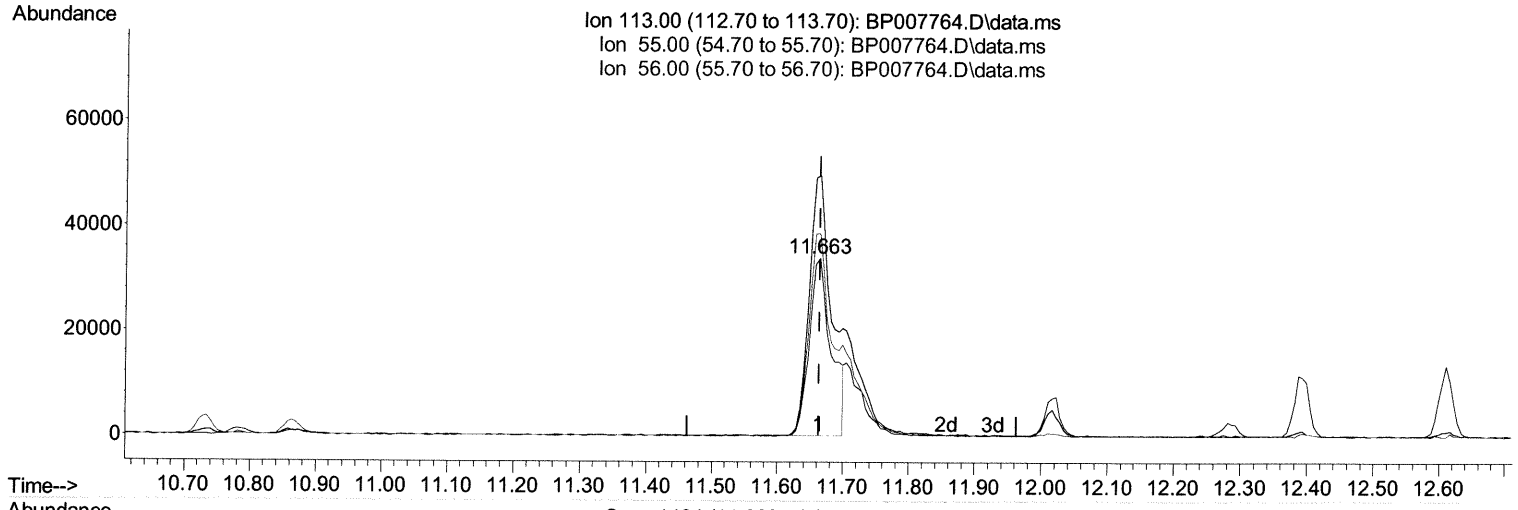

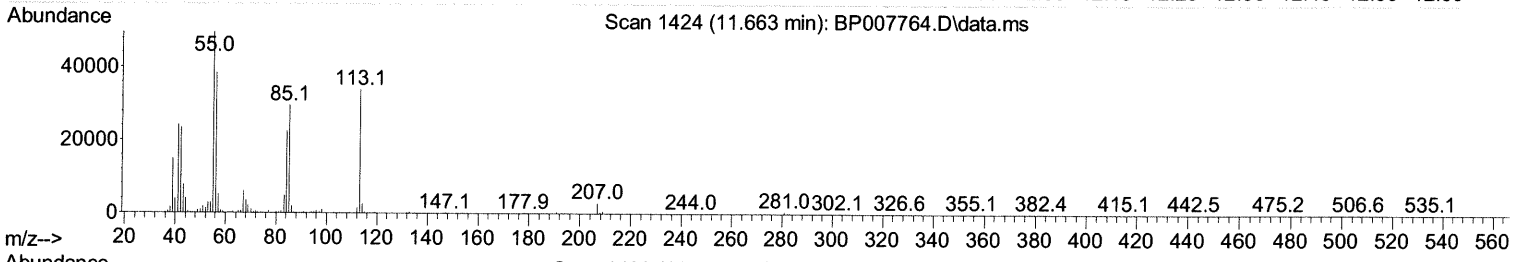

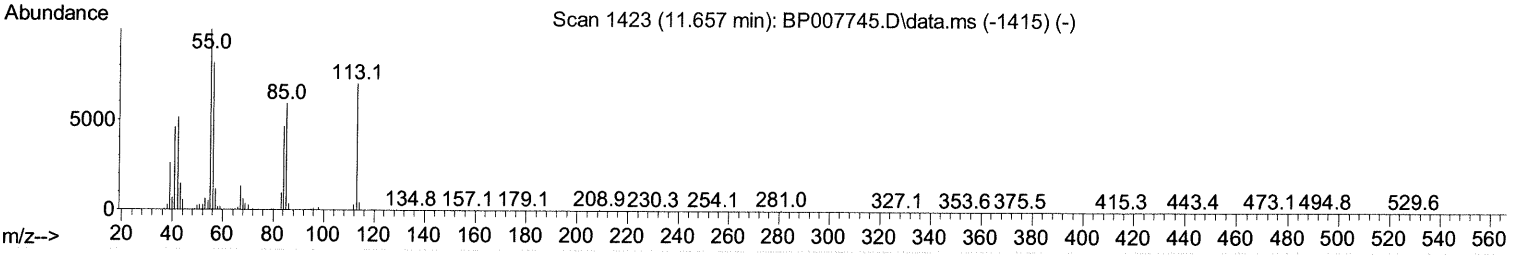

TIC: BP007764.D\data.ms

(34) Caprolactam

11.663min (+ 0.000) 30.73 ng/ul

response 78656

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	146.37
56.00	120.30	113.78
0.00	0.00	0.00

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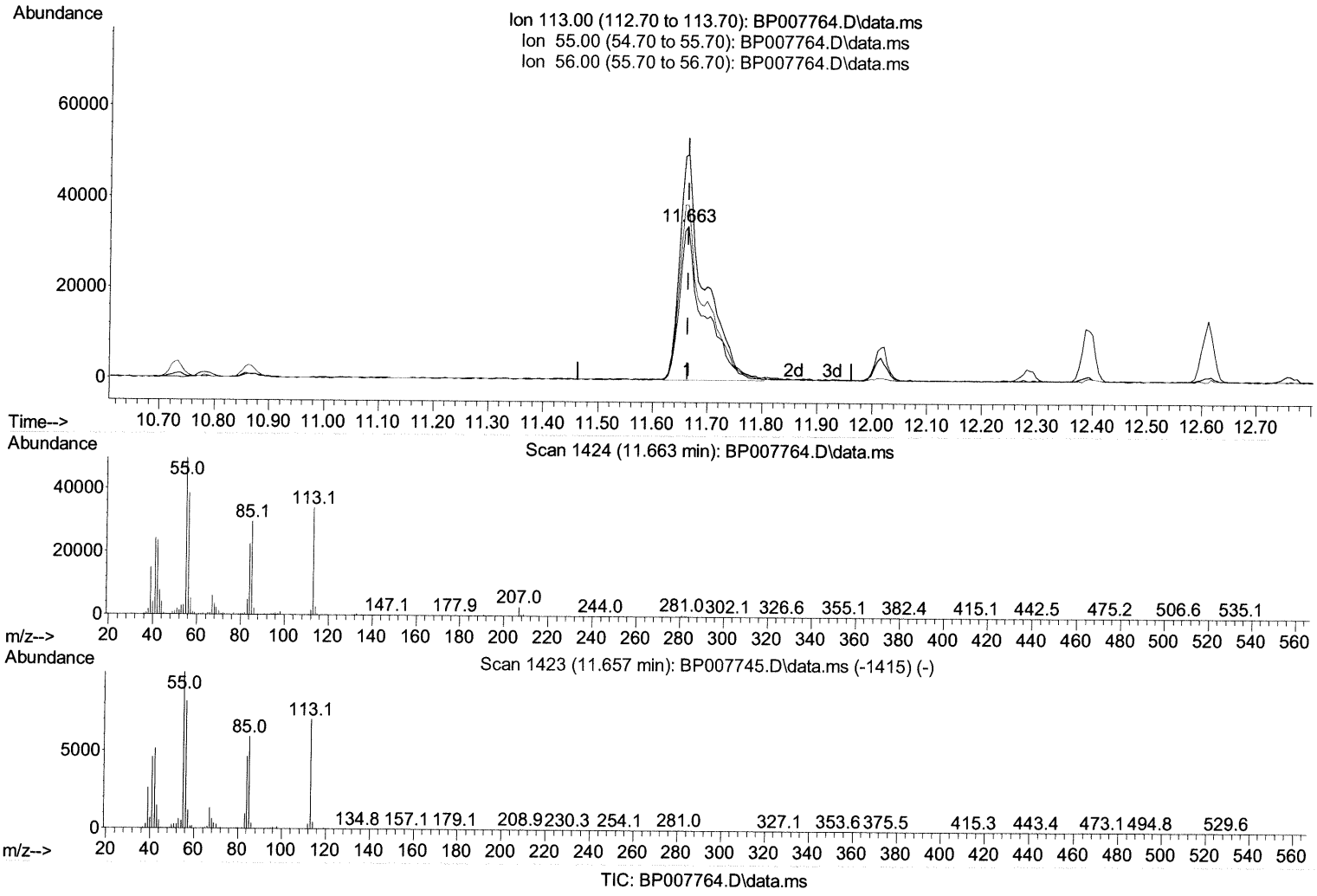

TIC: BP007764.D\data.ms

(34) Caprolactam

11.663min (+ 0.000) 41.16 ng/ul m 10/30/21JU

response 105357

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	146.37
56.00	120.30	113.78
0.00	0.00	0.00

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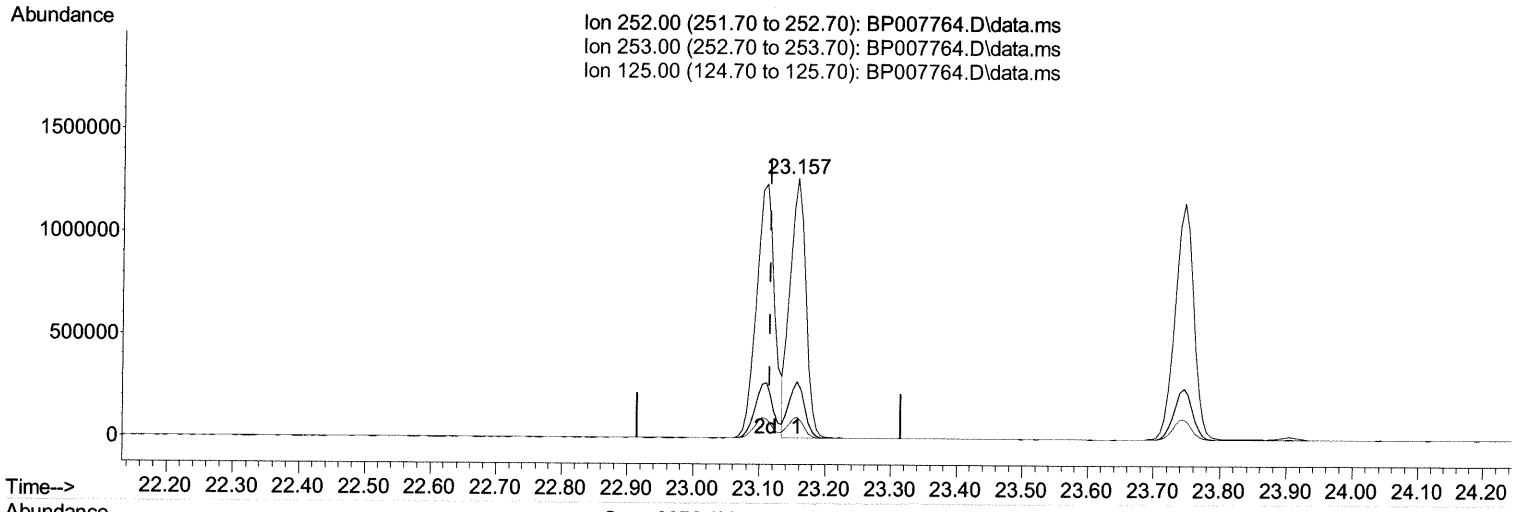

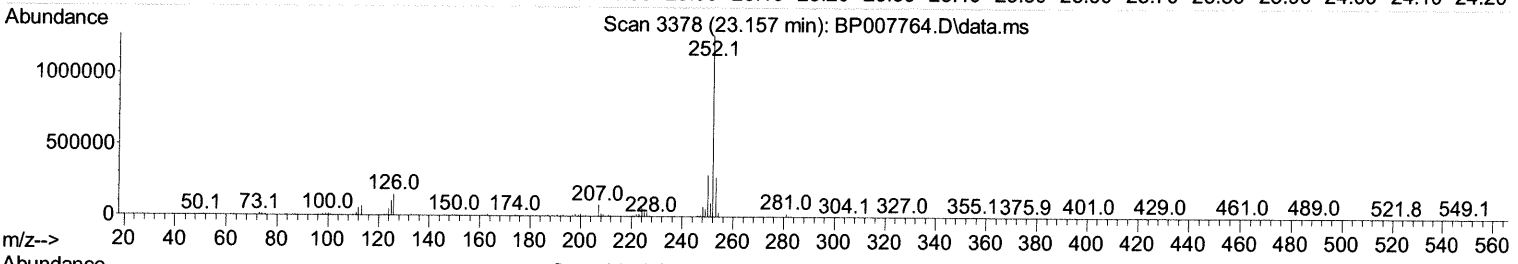

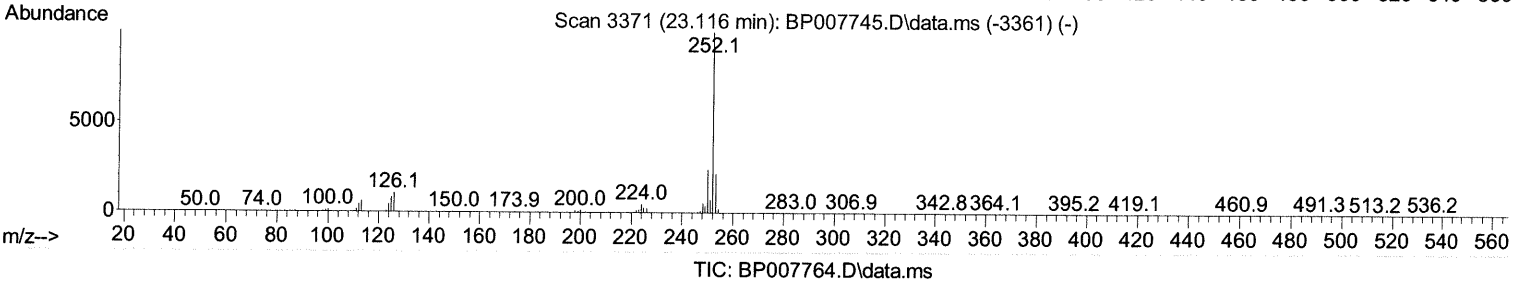

TIC: BP007764.D\data.ms

(90) Benzo(b)fluoranthene

23.157min (+ 0.041) 39.63 ng/ul

response 2131735

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	21.84
125.00	9.70	8.07
0.00	0.00	0.00

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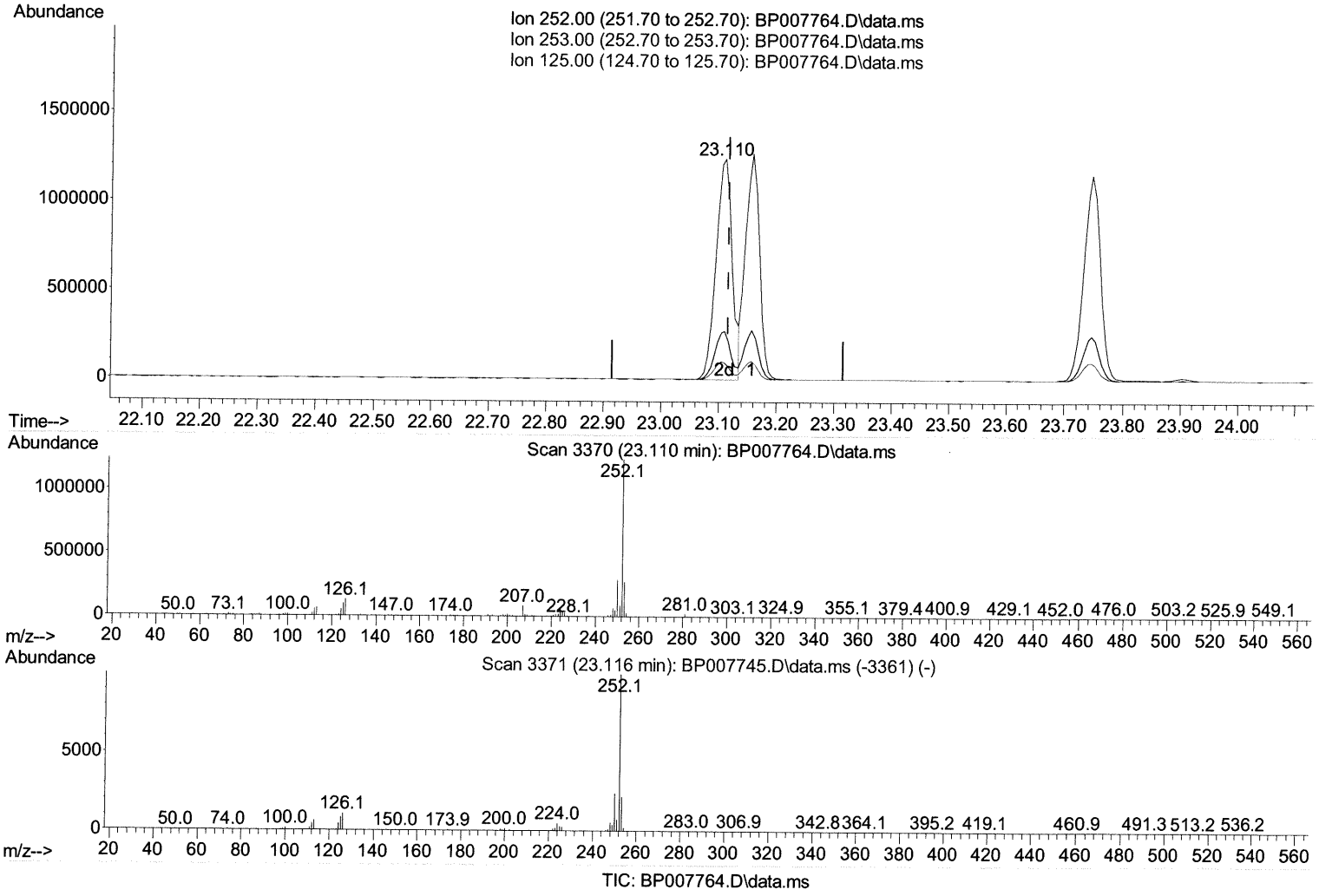

TIC: BP007764.D\data.ms

(90) Benzo(b)fluoranthene

23.110min (-0.006) 44.53 ng/ul m 10/30/21 JU

response 2395483

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	21.98
125.00	9.70	7.69#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	129614	20.000	ng/ul	0.00
20) Naphthalene-d8	10.734	136	525916	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	344202	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	756644	20.000	ng/ul	0.00
79) Chrysene-d12	21.410	240	840022	20.000	ng/ul	-0.01
88) Perylene-d12	23.851	264	912913	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	22302	7.816	ng/uL	0.00
4) Pyridine-d5	3.775	84	321453	37.255	ng/ul	0.00
7) Phenol-d5	7.093	99	407232	41.365	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	225520	41.260	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	332579	43.435	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	326782	42.390	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128	159716	44.564	ng/ul	0.00
24) 2-Nitrophenol-d4	9.810	143	175866	44.928	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	344570	43.246	ng/ul	0.00
31) 4-Chloroaniline-d4	10.863	131	415329	39.423	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	1007140	43.196	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	1203306	42.108	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	186940	43.741	ng/ul	0.00
60) Fluorene-d10	15.563	176	847251	43.105	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	161239	39.839	ng/ul	0.00
73) Anthracene-d10	17.422	188	1349987	43.415	ng/ul	0.00
81) Pyrene-d10	19.657	212	1682927	43.032	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.698	264	1870025	41.698	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	47375	14.851	ng/uL	93
5) Pyridine	3.799	79	330465	39.099	ng/ul	98
6) Benzaldehyde	7.063	77	248330	52.469	ng/ul	96
8) Phenol	7.122	94	419655	42.190	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.352	93	325782	41.544	ng/ul	97
12) 2-Chlorophenol	7.493	128	343460	44.246	ng/ul	97
13) 2-Methylphenol	8.375	108	312552	41.597	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.463	45	375631	42.173	ng/ul	97
16) Acetophenone	8.752	105	491064	42.682	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.740	70	237729	43.443	ng/ul	94
18) 4-Methylphenol	8.705	108	341864	42.665	ng/ul	94
19) Hexachloroethane	9.016	117	139210	43.820	ng/ul	89
22) Nitrobenzene	9.128	77	362255	42.837	ng/ul	97
23) Isophorone	9.663	82	679393	41.997	ng/ul	94
25) 2-Nitrophenol	9.840	139	188621	44.769	ng/ul	94
26) 2,4-Dimethylphenol	9.910	107	380245	42.390	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.146	93	423805	40.865	ng/ul	99
29) 2,4-Dichlorophenol	10.381	162	336709	43.135	ng/ul	97
30) Naphthalene	10.781	128	1031881	41.560	ng/ul	100
32) 4-Chloroaniline	10.887	127	423927	39.533	ng/ul	99
33) Hexachlorobutadiene	11.081	225	247353	43.463	ng/ul	98
34) Caprolactam	11.663	113	105357m	41.163	ng/ul	> 10/30/21 JU
35) 4-Chloro-3-methylphenol	12.016	107	356942	44.168	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.393	142	717640	42.042	ng/ul	100
37) 1-Methylnaphthalene	12.610	142	723776	41.994	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.763	216	436481	41.806	ng/ul	98
40) Hexachlorocyclopentadiene	12.746	237	239287	35.341	ng/ul	99
41) 2,4,6-Trichlorophenol	12.998	196	287391	43.748	ng/ul	98
42) 2,4,5-Trichlorophenol	13.069	196	312053	44.117	ng/ul	98
43) 1,1'-Biphenyl	13.398	154	979140	41.178	ng/ul	98
44) 2-Chloronaphthalene	13.440	162	760070	41.248	ng/ul	99
45) 2-Nitroaniline	13.640	65	209214	45.003	ng/ul	95
47) Dimethylphthalate	14.022	163	990200	42.968	ng/ul	99
48) 2,6-Dinitrotoluene	14.140	165	206364	46.884	ng/ul	92
50) Acenaphthylene	14.287	152	1219215	42.140	ng/ul	100
51) 3-Nitroaniline	14.463	138	206370	44.206	ng/ul#	94
52) Acenaphthene	14.628	153	789208	41.360	ng/ul	99
53) 2,4-Dinitrophenol	14.675	184	100140	36.450	ng/ul	94
55) 4-Nitrophenol	14.775	109	170344	45.085	ng/ul	88
56) Dibenzofuran	14.963	168	1173161	42.058	ng/ul	97
57) 2,4-Dinitrotoluene	14.928	165	300735	47.573	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.192	232	271087	47.019	ng/ul	95
59) Diethylphthalate	15.392	149	989174	43.766	ng/ul	98
61) Fluorene	15.616	166	920925	42.356	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.610	204	489959	42.493	ng/ul	98
63) 4-Nitroaniline	15.628	138	217019	50.073	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.692	198	163756	40.197	ng/ul	97
67) N-Nitrosodiphenylamine	15.822	169	828439	42.438	ng/ul	98
68) 4-Bromophenyl-phenylether	16.510	248	315538	42.769	ng/ul	96
69) Hexachlorobenzene	16.628	284	368134	43.089	ng/ul	98
70) Atrazine	16.787	200	341023	42.133	ng/ul	97
71) Pentachlorophenol	16.969	266	233119	43.937	ng/ul	99
72) Phenanthrene	17.363	178	1563052	42.740	ng/ul	99
74) Anthracene	17.457	178	1558156	42.834	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	436134	39.425	ng/uL	98
76) Pentachlorobenzene	14.887	250	428948	40.211	ng/uL	100
77) Carbazole	17.722	167	1450722	43.200	ng/ul	99
78) Di-n-butylphthalate	18.281	149	1722760	44.808	ng/ul	100
80) Fluoranthene	19.328	202	2007037	41.874	ng/ul	97
82) Pyrene	19.680	202	2039662	42.045	ng/ul	96
83) Butylbenzylphthalate	20.563	149	840193	44.513	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.327	252	691820	44.438	ng/ul#	98
85) Benzo(a)anthracene	21.398	228	2136162	42.823	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.327	149	1221531	43.553	ng/ul#	99
87) Chrysene	21.451	228	2072310	42.967	ng/ul	99
89) Di-n-octyl phthalate	22.269	149	2184035	42.948	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	2395483m	44.533	ng/ul	98
91) Benzo(k)fluoranthene	23.157	252	2131735	42.348	ng/ul	98
93) Benzo(a)pyrene	23.745	252	2280001	43.747	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.404	276	2749047	44.282	ng/ul	97
95) Dibenzo(a,h)anthracene	26.421	278	2355406	44.275	ng/ul	96
96) Benzo(g,h,i)perylene	27.186	276	2358949	44.674	ng/ul	95

10/30/21

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