Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007623.D
Acq On : 23 Oct 2021 11:01
Operator : CG/JU
Sample : PB140072BS
Misc :
ALS Vial : 83 Sample Multiplier: 1

Quant Time: Oct 25 01:01:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 20 10:49:33 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS072

Manual Integrations APPROVED
mohammad
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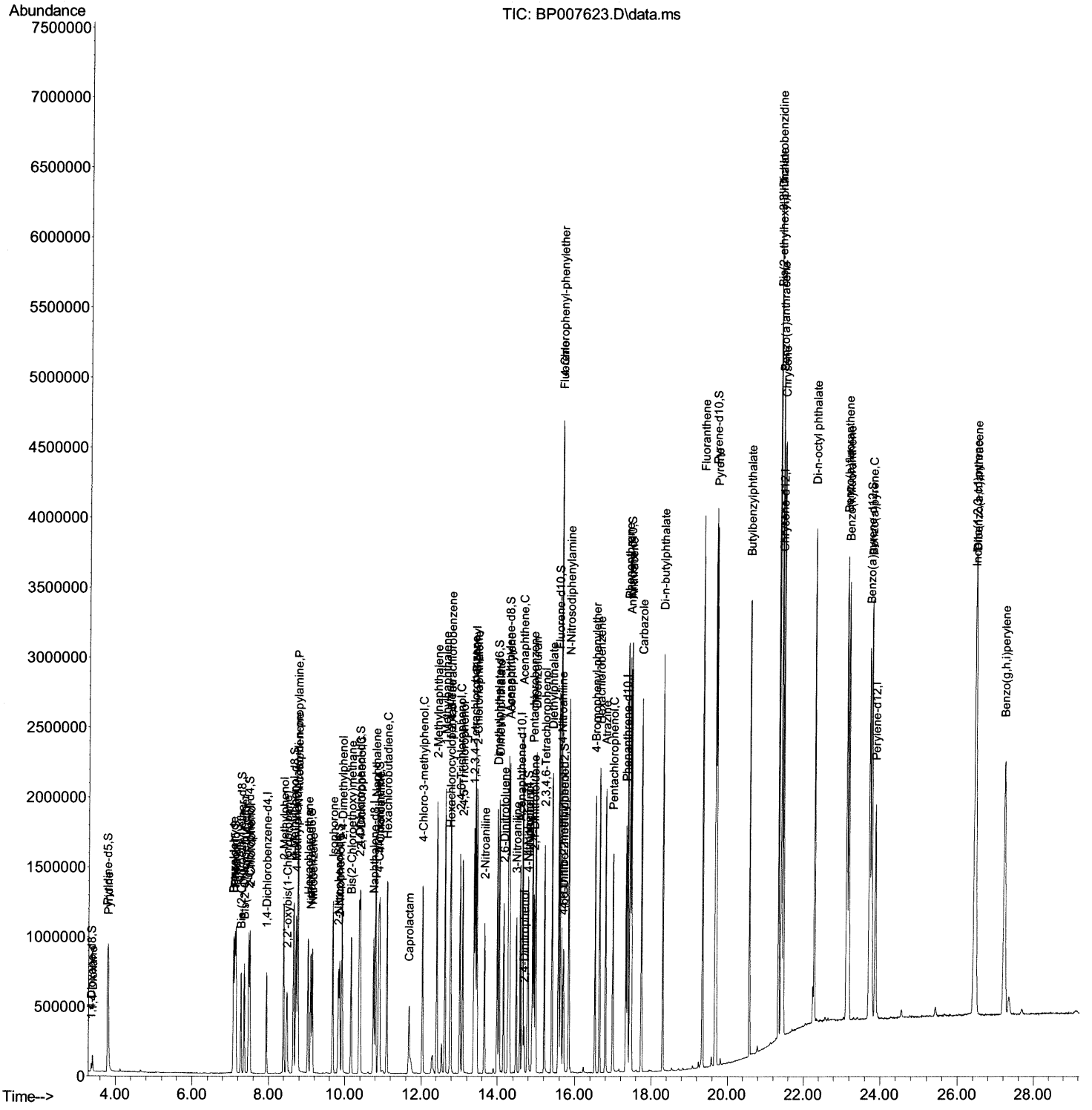

Quantitation Report (Qedit)

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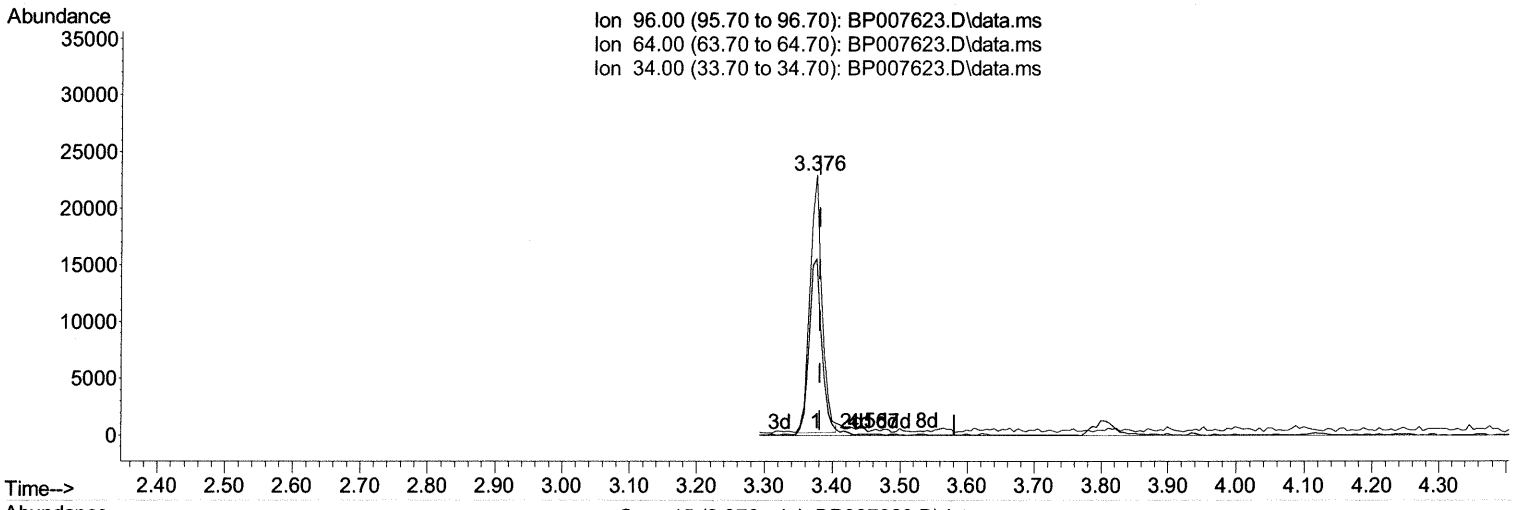

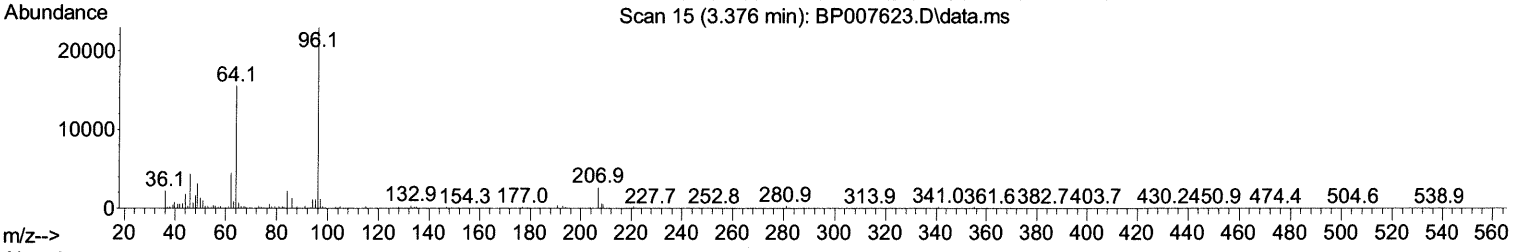

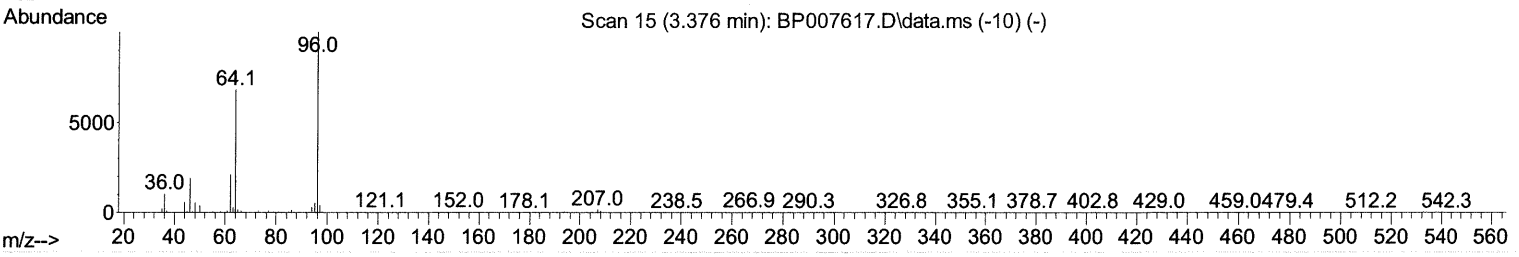

TIC: BP007623.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.376min (-0.006) 5.59 ng/uL

response 28591

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	69.20	67.79
34.00	0.00	0.00
0.00	0.00	0.00

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mohammad
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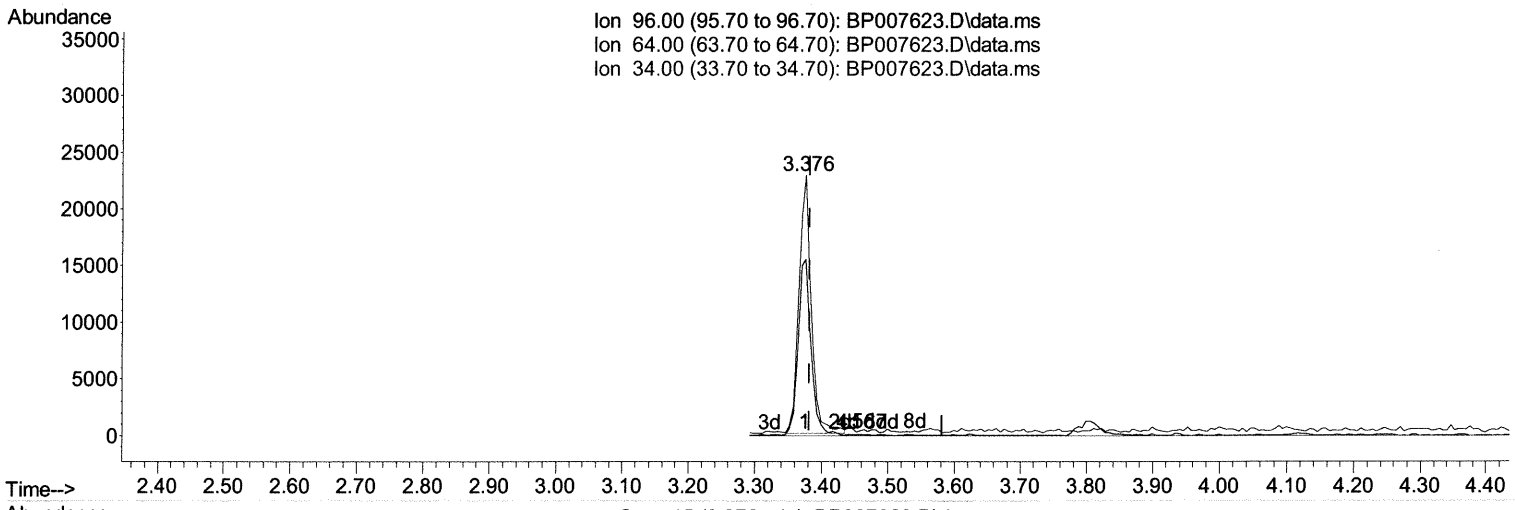

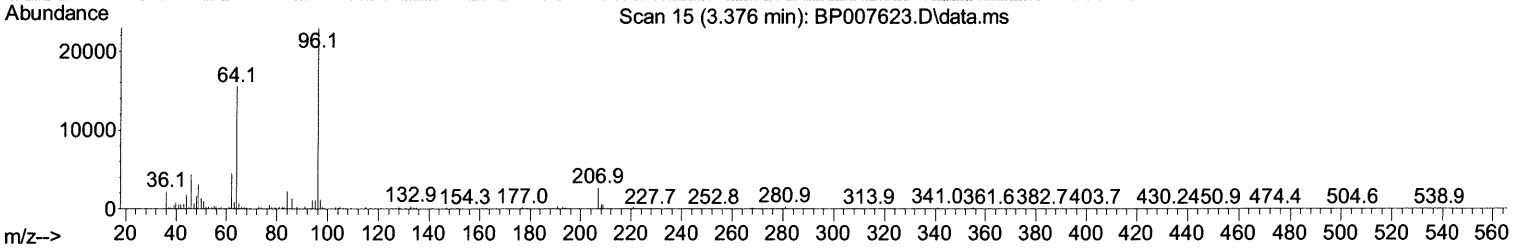

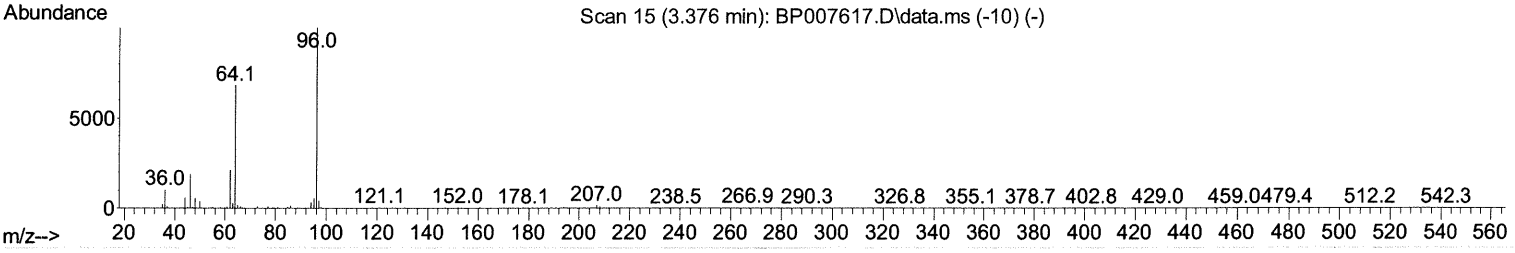

TIC: BP007623.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.376min (-0.006) 5.76 ng/uL m 10/26/21 JU

response 29439

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	69.20	67.79
34.00	0.00	0.00
0.00	0.00	0.00

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mohammad
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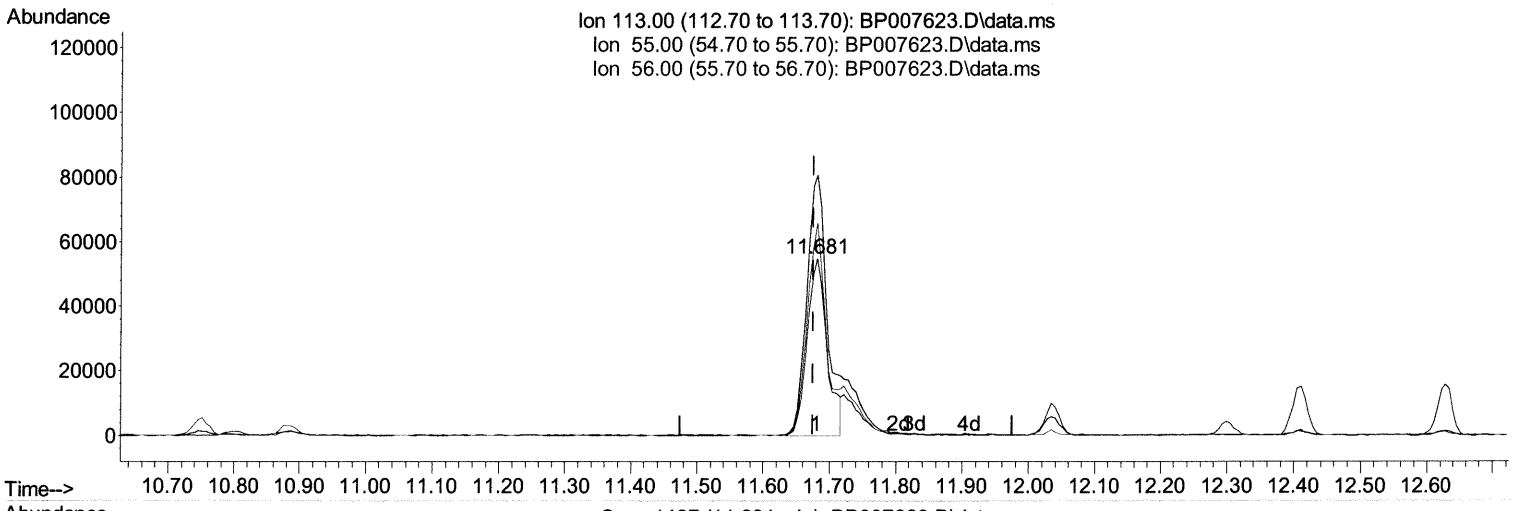

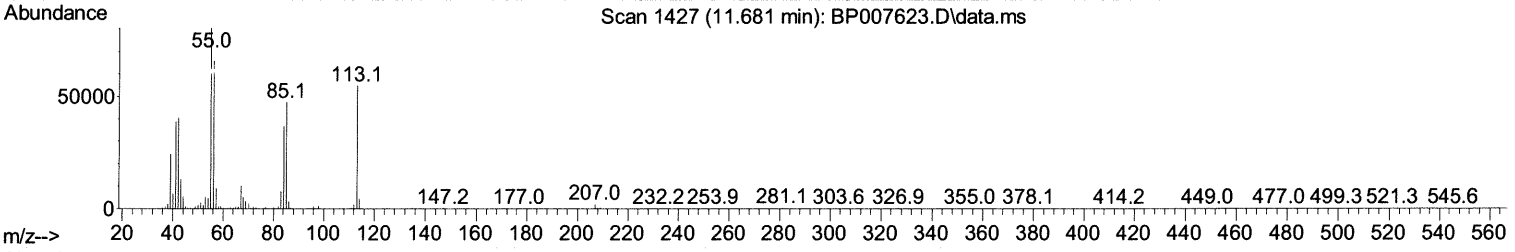

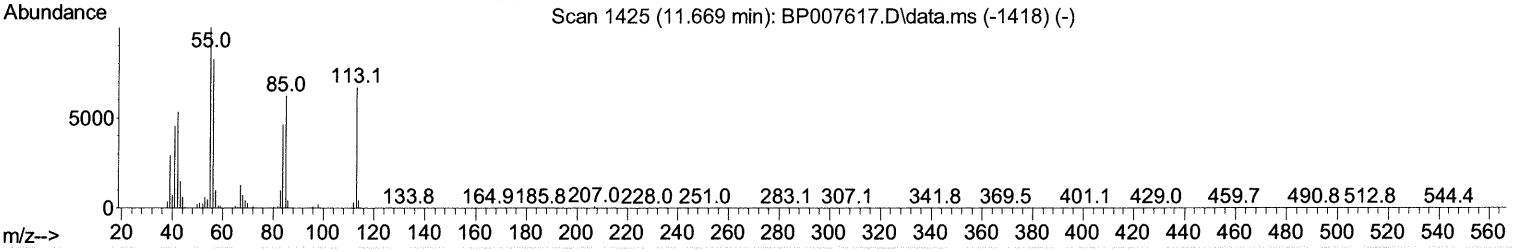

TIC: BP007623.D\data.ms

(34) Caprolactam

11.681min (+ 0.006) 37.81 ng/ul

response 114043

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	146.90
56.00	120.30	119.99
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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Manual Integrations APPROVED
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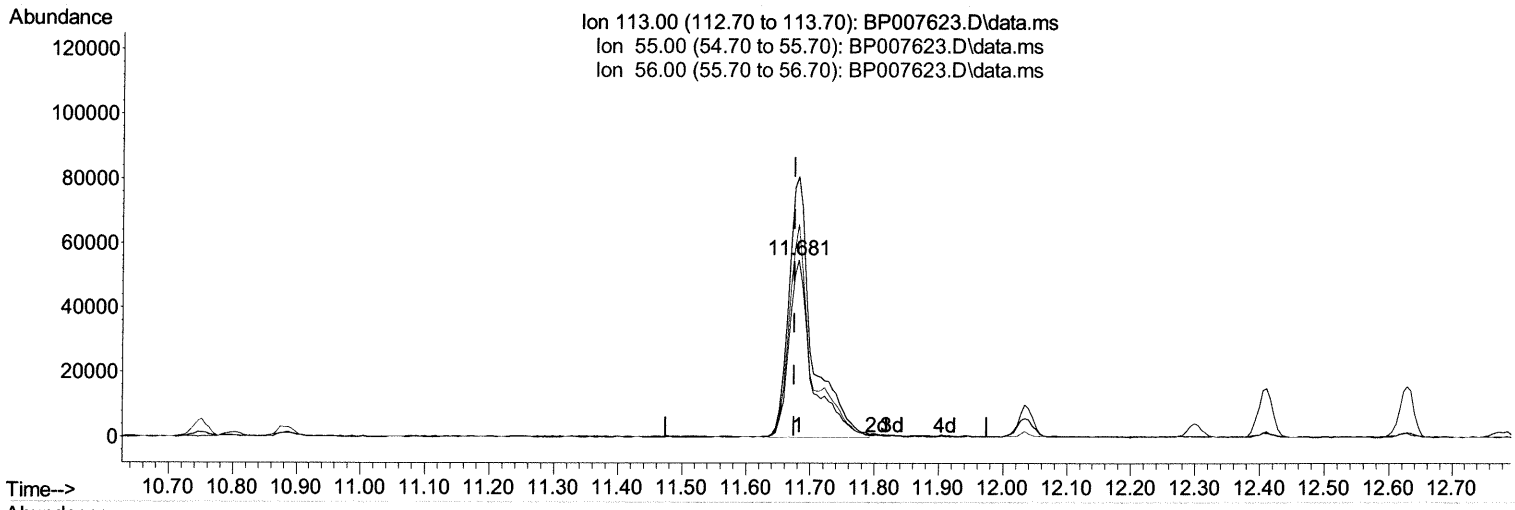

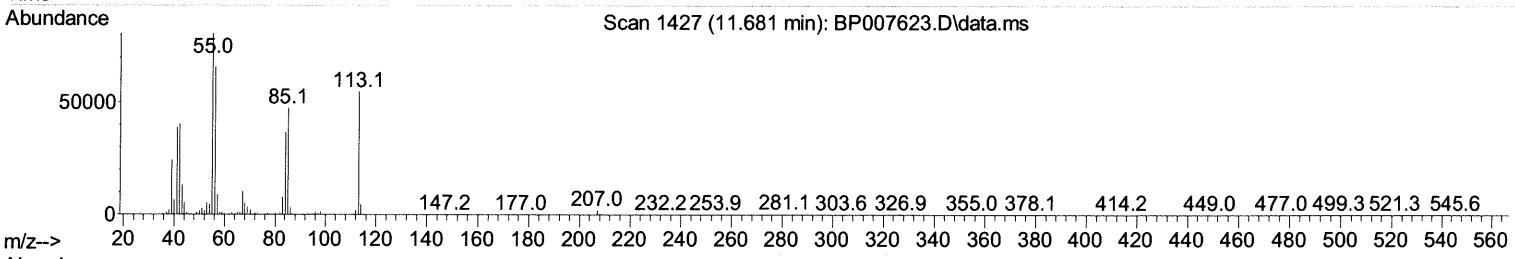

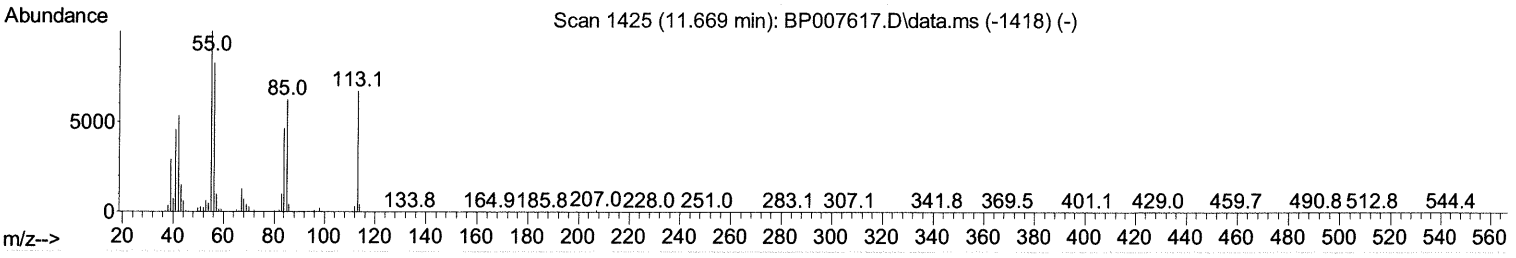

TIC: BP007623.D\data.ms

(34) Caprolactam

11.681min (+ 0.006) 45.69 ng/ul m 10/25/21 JU

response 137789

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	146.90
56.00	120.30	119.99
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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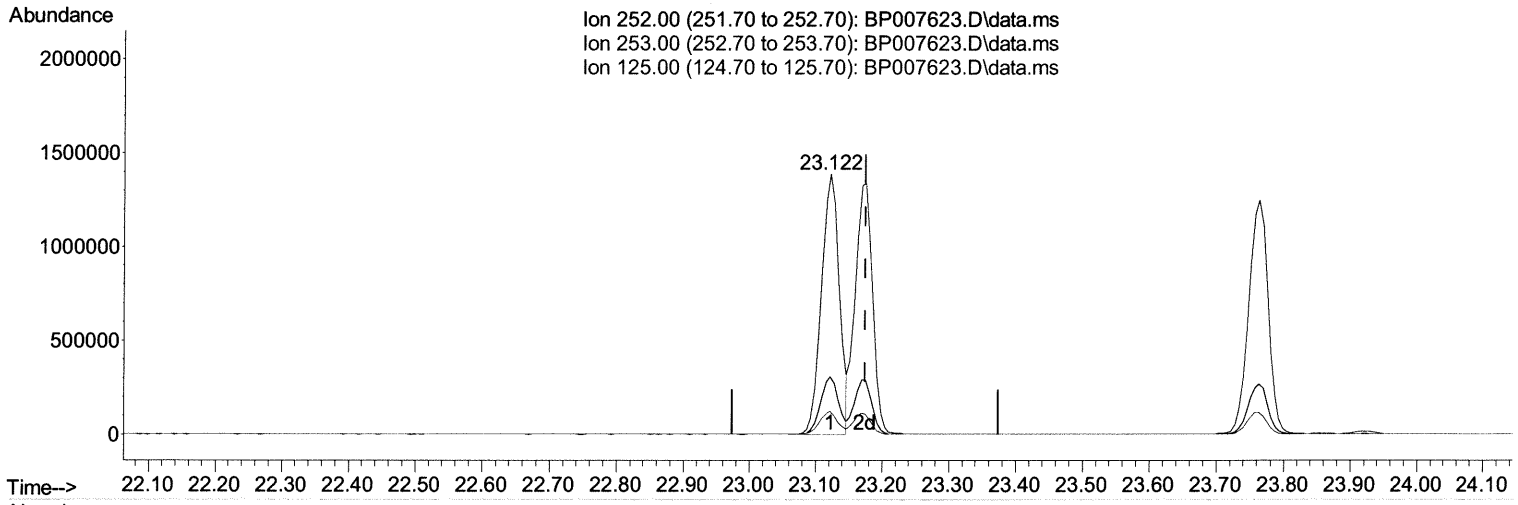

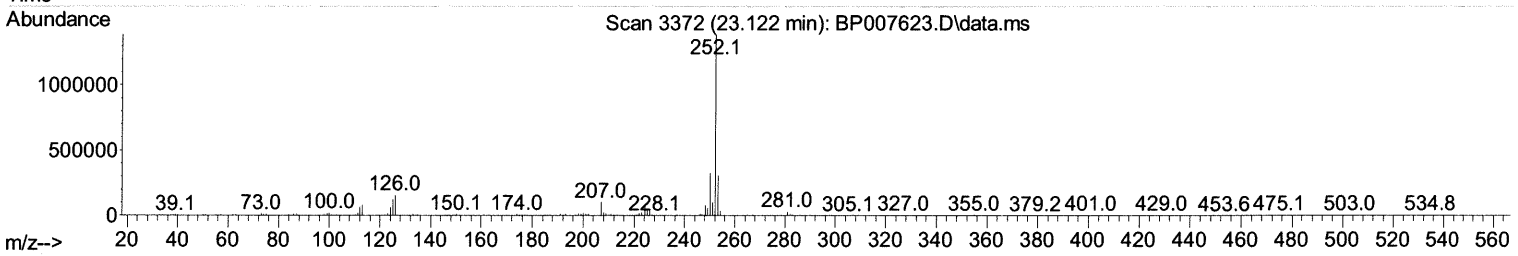

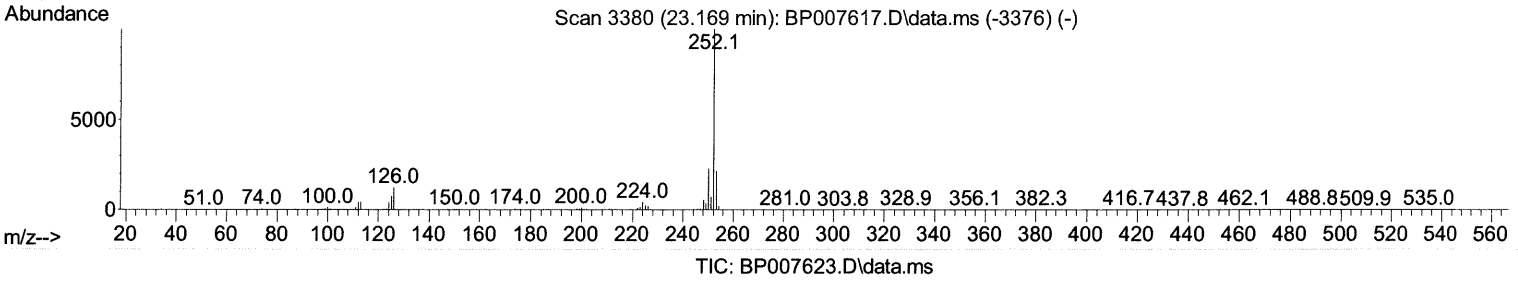

TIC: BP007623.D\data.ms

(91) Benzo(k)fluoranthene

23.122min (-0.053) 38.37 ng/ul

response 2572698

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	21.98
125.00	10.00	8.76
0.00	0.00	0.00

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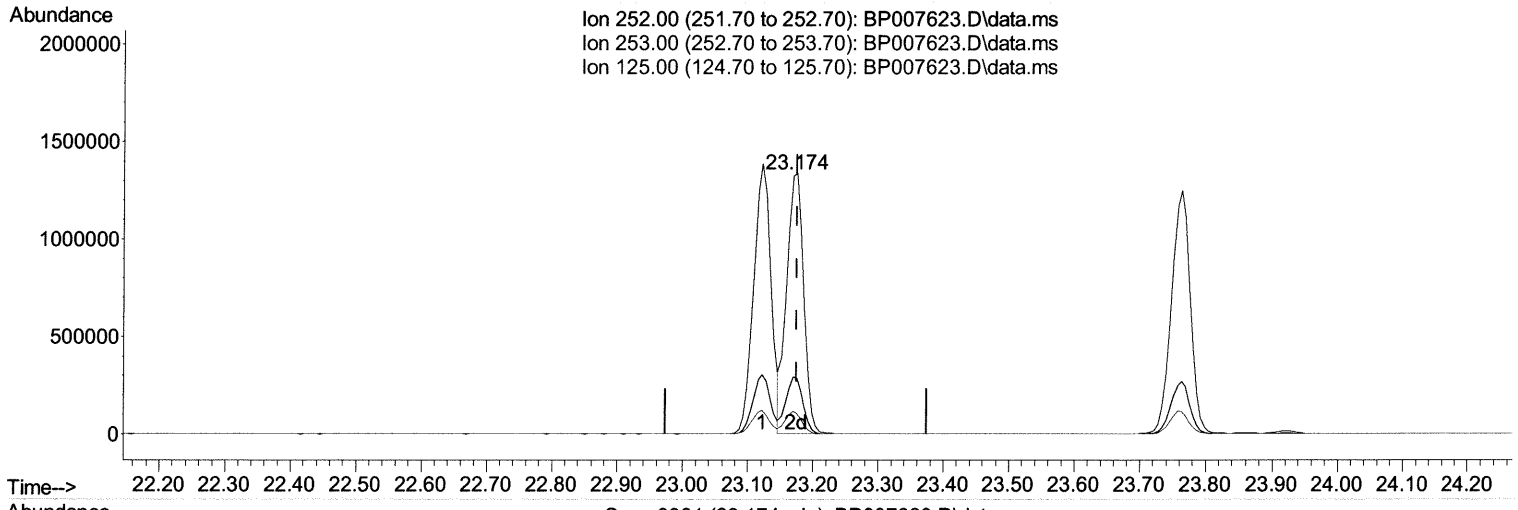

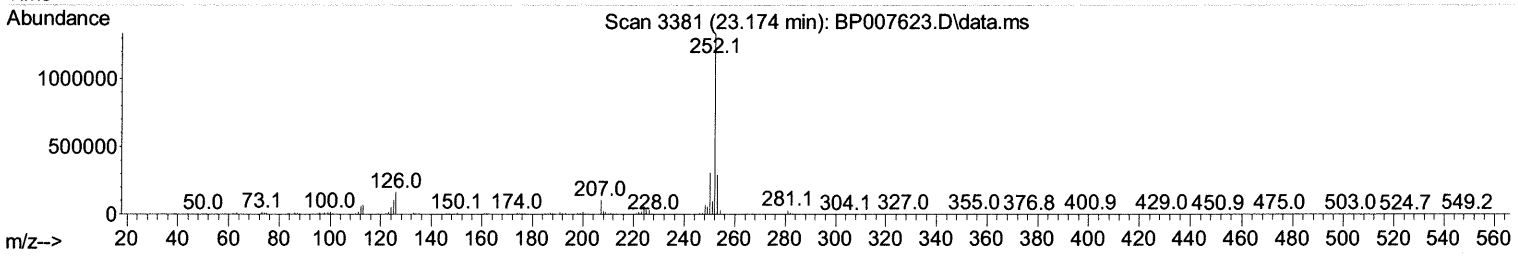

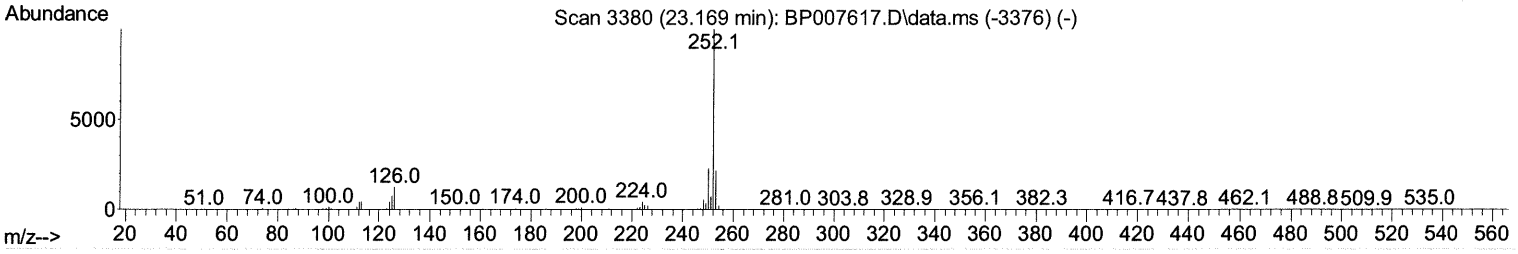

TIC: BP007623.D\data.ms

(91) Benzo(k)fluoranthene

23.174min (+ 0.000) 36.35 ng/ul m 10/26/21 JU

response 2437145

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	21.70
125.00	10.00	7.97#
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	7.946	152	201953	20.000	ng/ul	0.00
20) Naphthalene-d8	10.752	136	811284	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	509753	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.334	188	1098112	20.000	ng/ul	0.00
79) Chrysene-d12	21.422	240	1108282	20.000	ng/ul	0.00
88) Perylene-d12	23.869	264	1181341	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	29439m	5.757	ng/uL	0.00
4) Pyridine-d5	3.787	84	433492	30.970	ng/ul	0.00
7) Phenol-d5	7.111	99	565952	35.885	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	310727	33.033	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	453855	36.580	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	457619	37.669	ng/ul	0.00
21) Nitrobenzene-d5	9.105	128	219374	42.728	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	244620	51.009	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	469983	40.180	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	554510	35.056	ng/ul	0.00
46) Dimethylphthalate-d6	13.993	166	1302924	36.945	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	1598492	36.066	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	232357	41.061	ng/ul	0.00
60) Fluorene-d10	15.575	176	1094621	37.089	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.693	200	144764	32.900	ng/ul	0.00
73) Anthracene-d10	17.434	188	1716865	36.815	ng/ul	0.00
81) Pyrene-d10	19.669	212	2059968	37.180	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.710	264	2140347	36.412	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	60181	10.820	ng/uL	91
5) Pyridine	3.811	79	426887	31.534	ng/ul	97
6) Benzaldehyde	7.075	77	333005	37.579	ng/ul	98
8) Phenol	7.134	94	569110	35.294	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.364	93	433195	33.288	ng/ul	99
12) 2-Chlorophenol	7.511	128	450606	35.376	ng/ul	97
13) 2-Methylphenol	8.387	108	427817	35.222	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	503829	30.381	ng/ul	96
16) Acetophenone	8.769	105	641132	34.500	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.758	70	310334	32.278	ng/ul	95
18) 4-Methylphenol	8.722	108	458395	35.432	ng/ul	96
19) Hexachloroethane	9.028	117	178258	33.425	ng/ul	95
22) Nitrobenzene	9.146	77	486650	36.917	ng/ul	96
23) Isophorone	9.681	82	903430	32.737	ng/ul	96
25) 2-Nitrophenol	9.858	139	253582	45.617	ng/ul	95
26) 2,4-Dimethylphenol	9.922	107	497513	35.053	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.163	93	571938	33.447	ng/ul	98
29) 2,4-Dichlorophenol	10.399	162	448928	39.048	ng/ul	98
30) Naphthalene	10.799	128	1349541	34.204	ng/ul	100
32) 4-Chloroaniline	10.905	127	553677	34.593	ng/ul	100
33) Hexachlorobutadiene	11.099	225	312678	38.737	ng/ul	99
34) Caprolactam	11.681	113	137789m	45.689	ng/ul	
35) 4-Chloro-3-methylphenol	12.034	107	473487	37.911	ng/ul	99

10/26/2134

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.410	142	937247	34.756	ng/ul	100
37) 1-Methylnaphthalene	12.628	142	936658	34.312	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.775	216	566176	38.425	ng/ul	98
40) Hexachlorocyclopentadiene	12.763	237	211203	22.732	ng/ul	98
41) 2,4,6-Trichlorophenol	13.016	196	374507	43.224	ng/ul	99
42) 2,4,5-Trichlorophenol	13.087	196	402672	44.640	ng/ul	97
43) 1,1'-Biphenyl	13.416	154	1268231	34.906	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	985950	35.232	ng/ul	100
45) 2-Nitroaniline	13.657	65	278050	42.736	ng/ul	92
47) Dimethylphthalate	14.040	163	1239879	35.395	ng/ul	99
48) 2,6-Dinitrotoluene	14.157	165	264761	45.579	ng/ul	92
50) Acenaphthylene	14.304	152	1558258	34.871	ng/ul	99
51) 3-Nitroaniline	14.481	138	268232	41.441	ng/ul#	96
52) Acenaphthene	14.646	153	1009427	34.884	ng/ul	99
53) 2,4-Dinitrophenol	14.687	184	72878	27.159	ng/ul	98
55) 4-Nitrophenol	14.793	109	199566	39.036	ng/ul	92
56) Dibenzofuran	14.981	168	1485198	35.349	ng/ul	99
57) 2,4-Dinitrotoluene	14.940	165	370833	45.451	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.210	232	334983	44.752	ng/ul	94
59) Diethylphthalate	15.410	149	1221112	34.961	ng/ul	98
61) Fluorene	15.634	166	1134105	35.626	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.628	204	603317	37.222	ng/ul	99
63) 4-Nitroaniline	15.645	138	257013	44.791	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.704	198	141808	31.156	ng/ul	97
67) N-Nitrosodiphenylamine	15.840	169	1025228	34.678	ng/ul	98
68) 4-Bromophenyl-phenylether	16.522	248	395408	39.973	ng/ul	97
69) Hexachlorobenzene	16.640	284	452128	37.998	ng/ul	98
70) Atrazine	16.798	200	393289	35.140	ng/ul	98
71) Pentachlorophenol	16.987	266	275758	41.865	ng/ul	98
72) Phenanthrene	17.381	178	1924584	35.058	ng/ul	100
74) Anthracene	17.469	178	1896589	34.543	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	565937	35.533	ng/uL	98
76) Pentachlorobenzene	14.904	250	535675	36.080	ng/uL	100
77) Carbazole	17.739	167	1750165	36.289	ng/ul	100
78) Di-n-butylphthalate	18.298	149	2098808	35.424	ng/ul	100
80) Fluoranthene	19.345	202	2398561	34.890	ng/ul	96
82) Pyrene	19.698	202	2379073	34.318	ng/ul	95
83) Butylbenzylphthalate	20.575	149	984584	38.684	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.333	252	728588	34.552	ng/ul	99
85) Benzo(a)anthracene	21.404	228	2454370	36.044	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	1397550	35.916	ng/ul#	100
87) Chrysene	21.463	228	2315352	35.099	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	2525433	37.885	ng/ul	100
90) Benzo(b)fluoranthene	23.122	252	2572698	35.781	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	2437145m >	36.352	ng/ul >	10/26/2134
93) Benzo(a)pyrene	23.763	252	2497832	36.318	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.427	276	2977900	37.376	ng/ul	97
95) Dibenzo(a,h)anthracene	26.451	278	2538022	37.409	ng/ul	97
96) Benzo(g,h,i)perylene	27.215	276	2560249	37.311	ng/ul	97

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