Quantitation Report (Qedit)

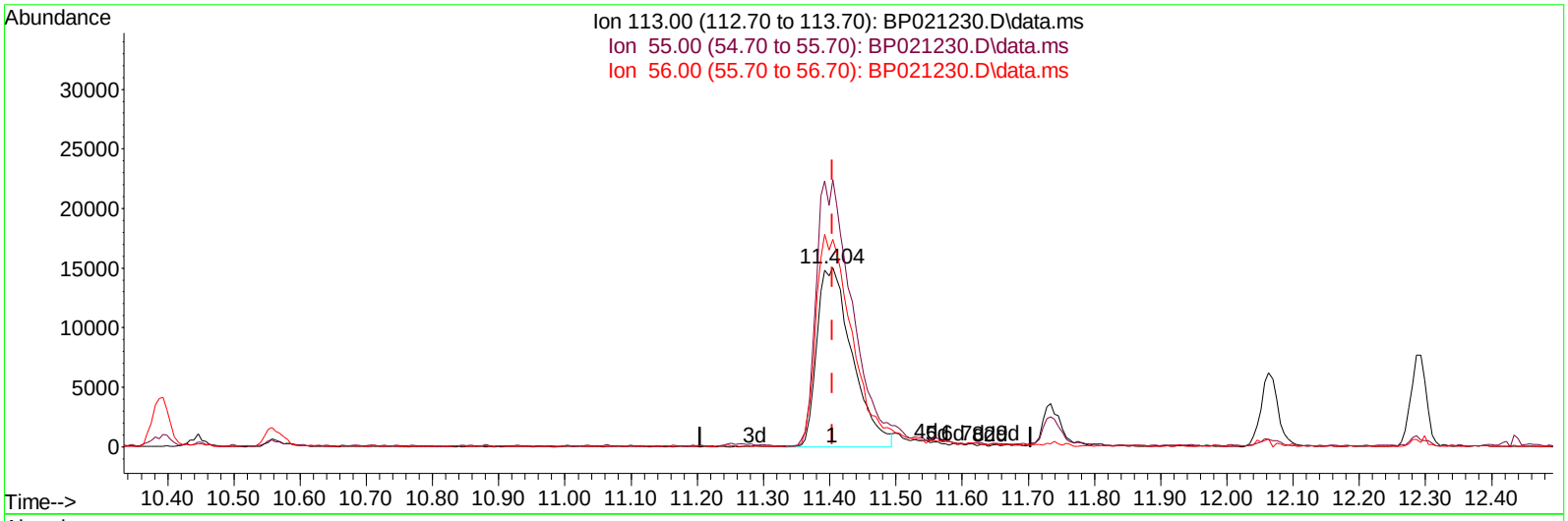
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021230.D
Acq On : 30 Jul 2024 06:54
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 28 Sample Multiplier: 1

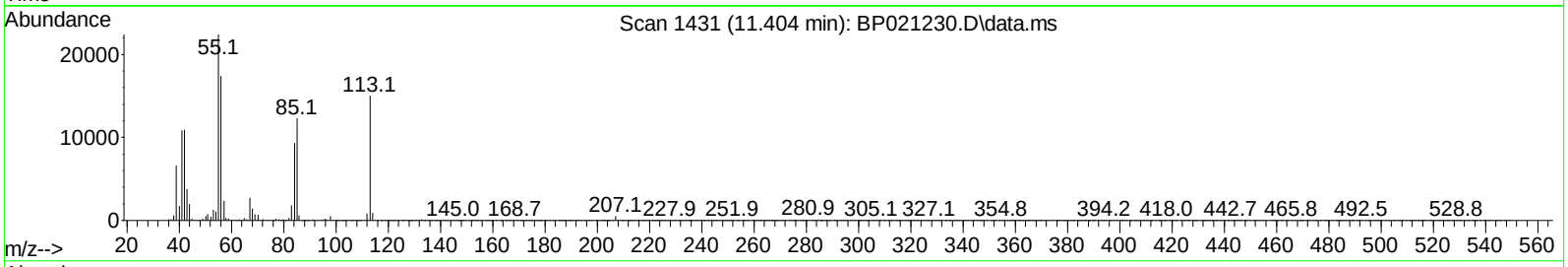
Quant Time: Jul 30 12:31:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

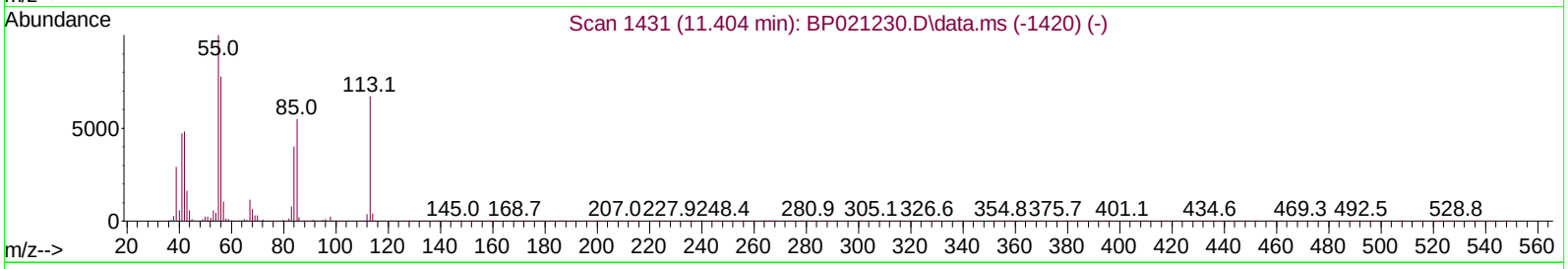
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 09/04/2024







TIC: BP021230.D\data.ms

(34) Caprolactam

11.404min (+ 0.000) 16.62 ng/ul

response 55590

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	149.15
56.00	131.90	115.71
0.00	0.00	0.00

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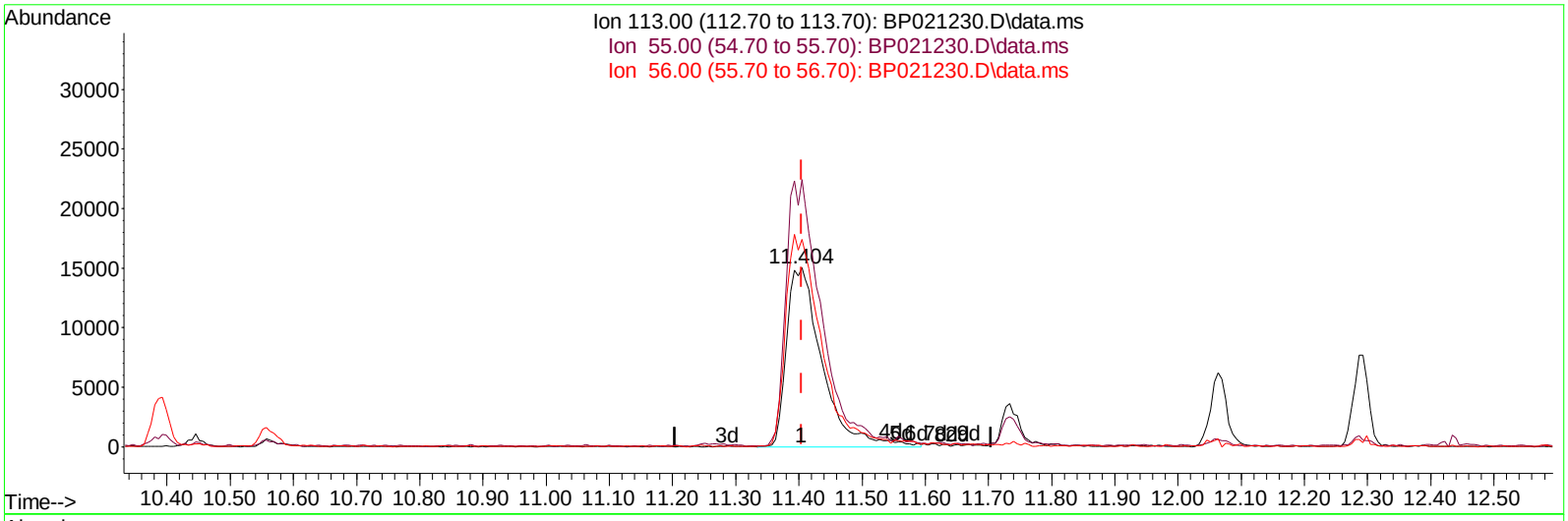

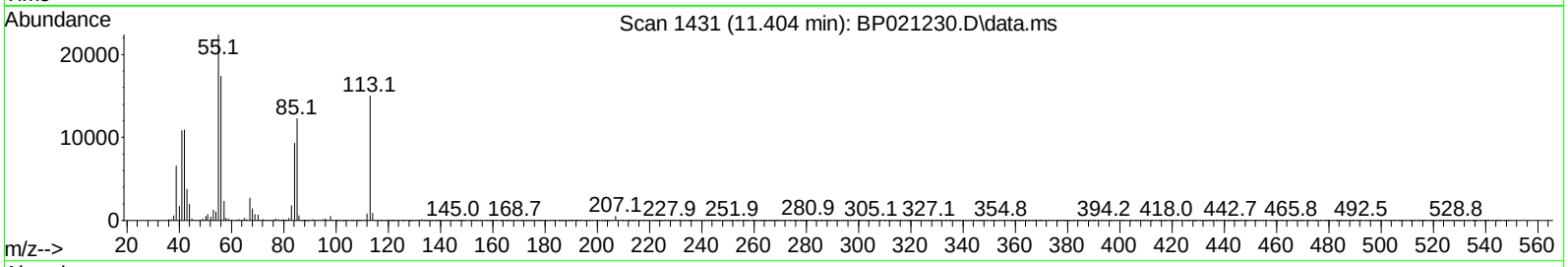

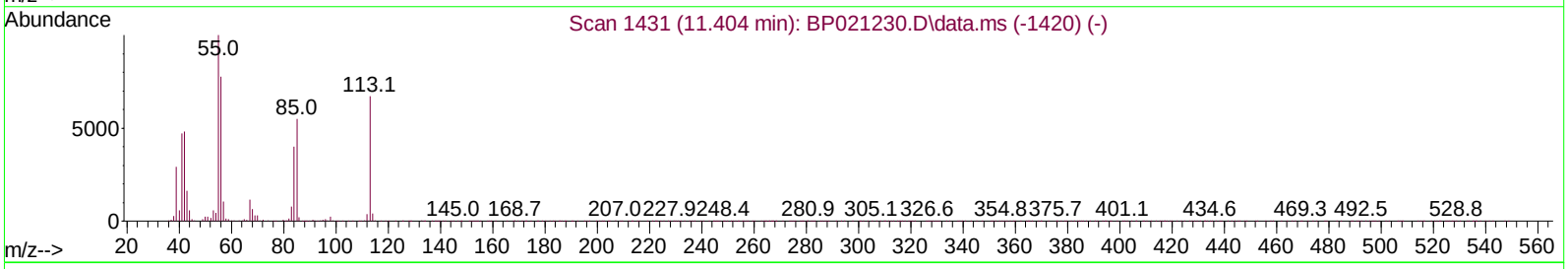

TIC: BP021230.D\data.ms

(34) Caprolactam

11.404min (+ 0.000) 17.51 ng/ul m

response 58565

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	149.15
56.00	131.90	115.71
0.00	0.00	0.00

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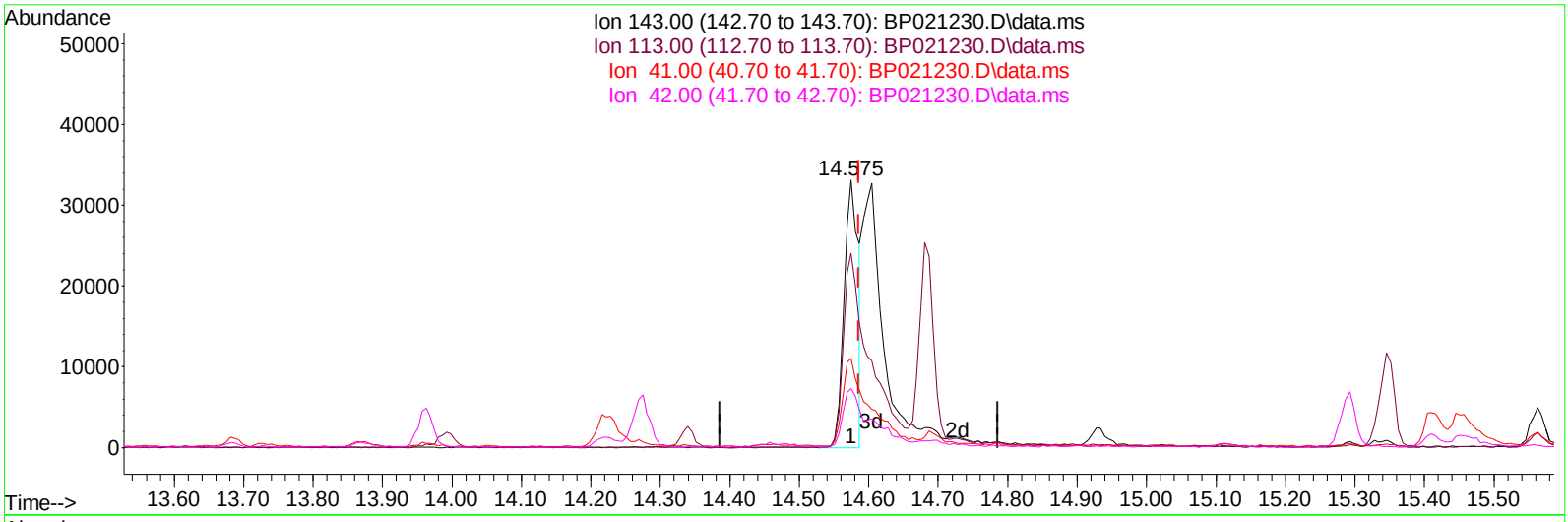

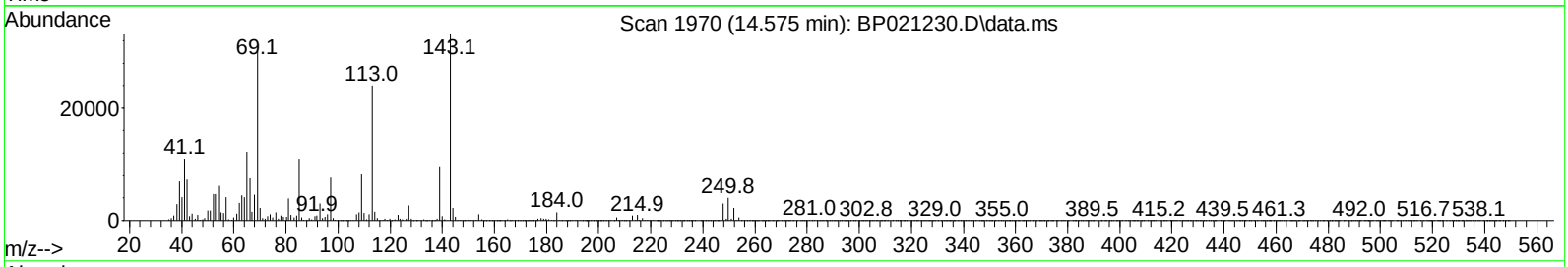

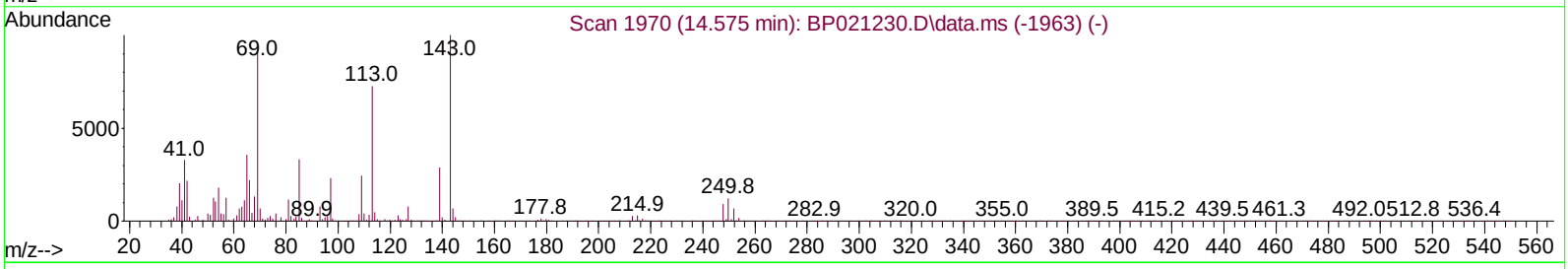

TIC: BP021230.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.575min (-0.011) 10.55 ng/ul

response 47508

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	72.70
41.00	37.90	33.37
42.00	27.10	22.06

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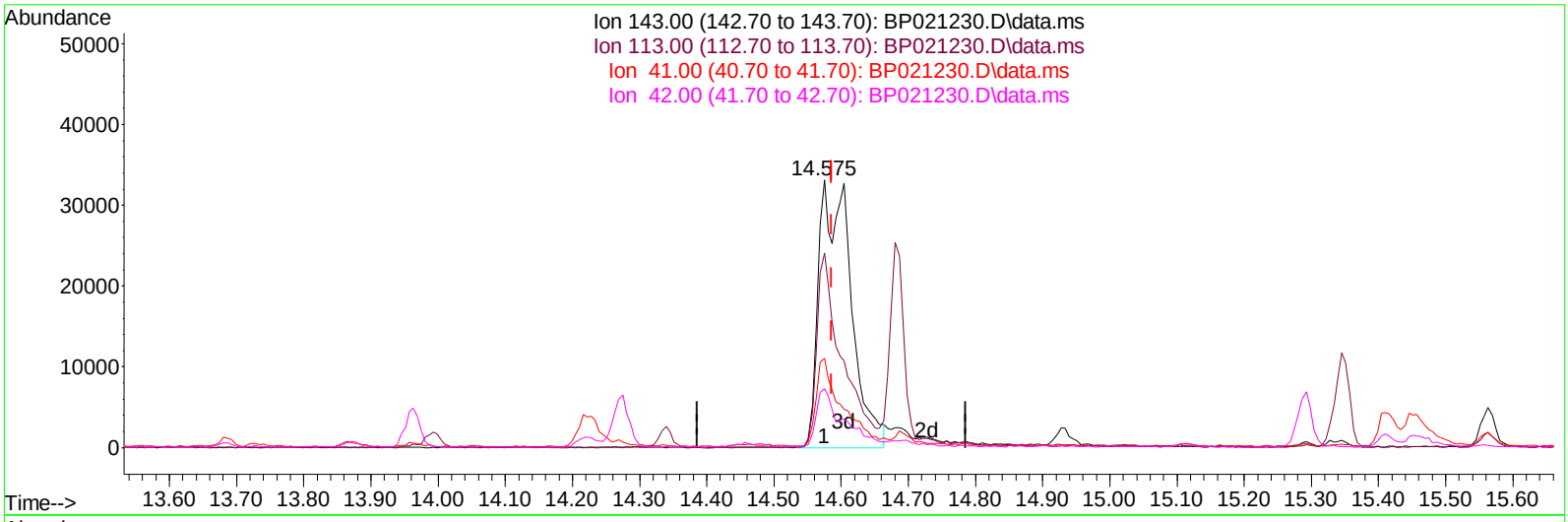

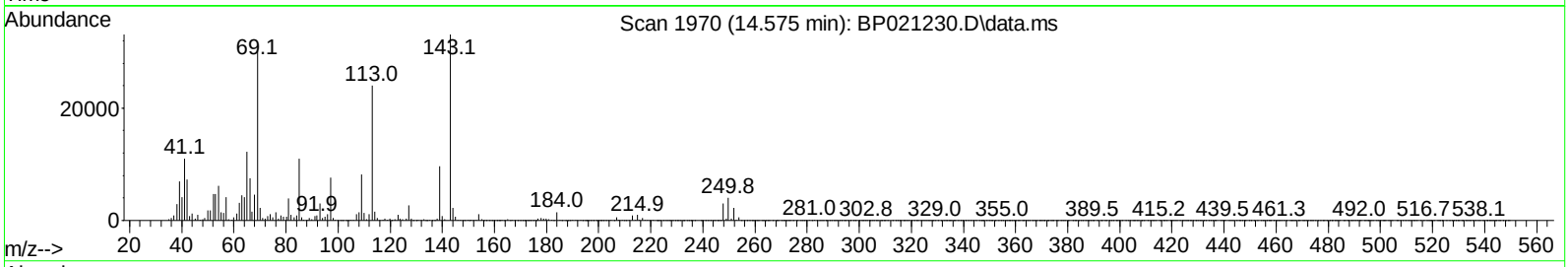

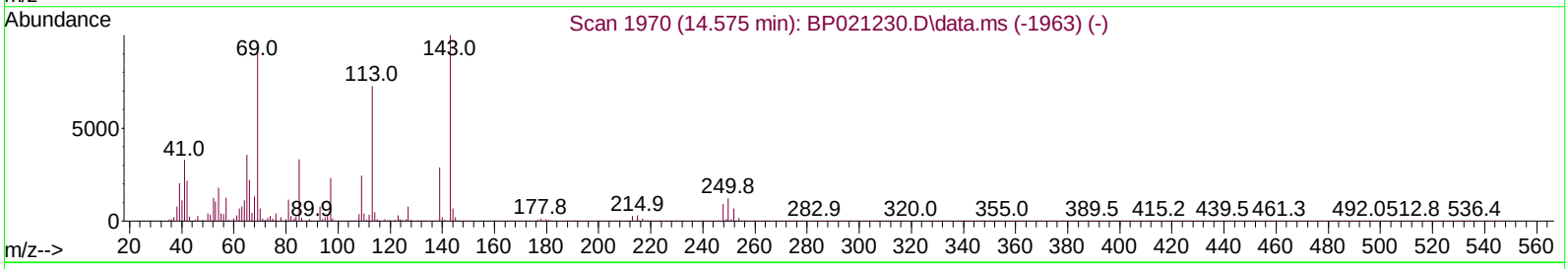

TIC: BP021230.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.575min (-0.011) 24.50 ng/ul m

response 110315

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	72.70
41.00	37.90	33.37
42.00	27.10	22.06

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	186334	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	685322	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.275	164	435300	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	925288	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1087115	20.000	ng/ul	# 0.00
88) Perylene-d12	24.839	264	1339955	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	30434	7.433	ng/uL	0.00
4) Pyridine-d5	3.587	84	202735	17.102	ng/ul	0.00
7) Phenol-d5	6.852	99	255708	16.833	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	145585	15.814	ng/ul	0.00
11) 2-Chlorophenol-d4	7.187	132	227055	18.141	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	203594	16.136	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	103803	19.501	ng/ul	0.00
24) 2-Nitrophenol-d4	9.499	143	119134	19.554	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	218060	19.794	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	276669	18.957	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	603791	19.081	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	682217	19.200	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	110315m	24.502	ng/ul	-0.01
60) Fluorene-d10	15.292	176	510329	19.658	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	107621	19.223	ng/ul	0.00
73) Anthracene-d10	17.198	188	818248	19.910	ng/ul	0.00
81) Pyrene-d10	19.580	212	1032953	15.369	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.604	264	1312486	19.860	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	31369	6.966	ng/uL	97
5) Pyridine	3.611	79	207613	16.980	ng/ul	95
6) Benzaldehyde	6.811	77	155992	20.368	ng/ul	97
8) Phenol	6.875	94	249769	16.248	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.075	93	210882	16.607	ng/ul	98
12) 2-Chlorophenol	7.222	128	230655	18.387	ng/ul	96
13) 2-Methylphenol	8.099	108	196627	16.539	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.146	45	266918	14.549	ng/ul#	91
16) Acetophenone	8.457	105	318562	16.359	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.428	70	151863	14.884	ng/ul	94
18) 4-Methylphenol	8.428	108	204184	16.032	ng/ul	96
19) Hexachloroethane	8.681	117	99074	17.575	ng/ul	92
22) Nitrobenzene	8.834	77	234212	18.368	ng/ul	96
23) Isophorone	9.346	82	419211	16.537	ng/ul	99
25) 2-Nitrophenol	9.534	139	124921	19.660	ng/ul	96
26) 2,4-Dimethylphenol	9.599	107	234462	18.712	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.822	93	267025	17.330	ng/ul	100
29) 2,4-Dichlorophenol	10.081	162	212115	19.537	ng/ul	99
30) Naphthalene	10.446	128	694710	19.272	ng/ul	99
32) 4-Chloroaniline	10.587	127	263480	18.906	ng/ul	100
33) Hexachlorobutadiene	10.699	225	175507	21.559	ng/ul	98
34) Caprolactam	11.404	113	58565m	17.510	ng/ul	
35) 4-Chloro-3-methylphenol	11.734	107	209159	17.723	ng/ul	96

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.063	142	457242	18.478	ng/ul	99
37) 1-Methylnaphthalene	12.293	142	480048	18.863	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.440	216	299436	21.181	ng/ul#	97
40) Hexachlorocyclopentadiene	12.393	237	171070	23.132	ng/ul	98
41) 2,4,6-Trichlorophenol	12.716	196	171682	19.219	ng/ul	99
42) 2,4,5-Trichlorophenol	12.798	196	183090	19.372	ng/ul	99
43) 1,1'-Biphenyl	13.087	154	612858	19.265	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	499359	19.663	ng/ul	98
45) 2-Nitroaniline	13.381	65	124219	17.687	ng/ul	99
47) Dimethylphthalate	13.734	163	601279	18.727	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	122695	19.113	ng/ul	95
50) Acenaphthylene	13.993	152	762725	18.959	ng/ul	100
51) 3-Nitroaniline	14.228	138	114787	20.549	ng/ul	88
52) Acenaphthene	14.340	153	504982	18.912	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	88121	26.140	ng/ul	97
55) 4-Nitrophenol	14.598	109	73083	19.955	ng/ul#	76
56) Dibenzofuran	14.687	168	710847	19.441	ng/ul	98
57) 2,4-Dinitrotoluene	14.692	165	179435	20.363	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.928	232	163062	20.148	ng/ul	97
59) Diethylphthalate	15.116	149	597531	18.621	ng/ul	97
61) Fluorene	15.345	166	581971	19.504	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.339	204	329096	20.326	ng/ul	94
63) 4-Nitroaniline	15.410	138	110604	23.909	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.469	198	112835	19.005	ng/ul	97
67) N-Nitrosodiphenylamine	15.563	169	490519	18.205	ng/ul	99
68) 4-Bromophenyl-phenylether	16.257	248	213904	19.723	ng/ul	95
69) Hexachlorobenzene	16.375	284	258527	20.790	ng/ul	94
70) Atrazine	16.551	200	198134	20.177	ng/ul	99
71) Pentachlorophenol	16.745	266	169283	25.064	ng/ul	95
72) Phenanthrene	17.139	178	936519	19.511	ng/ul	100
74) Anthracene	17.233	178	955668	19.530	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	290348	19.605	ng/uL	98
76) Pentachlorobenzene	14.604	250	295154	20.057	ng/uL	99
77) Carbazole	17.539	167	827736	20.692	ng/ul	99
78) Di-n-butylphthalate	18.092	149	1067448	19.341	ng/ul	100
80) Fluoranthene	19.233	202	1201593	14.804	ng/ul	97
82) Pyrene	19.616	202	1278575	15.480	ng/ul	95
83) Butylbenzylphthalate	20.551	149	529647	15.391	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.445	252	516492	20.792	ng/ul	99
85) Benzo(a)anthracene	21.516	228	1422736	18.683	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	786369	15.879	ng/ul#	98
87) Chrysene	21.580	228	1345096	19.009	ng/ul	100
89) Di-n-octyl phthalate	22.663	149	1408980	15.917	ng/ul	100
90) Benzo(b)fluoranthene	23.774	252	1553204	19.101	ng/ul	99
91) Benzo(k)fluoranthene	23.851	252	1538275	18.956	ng/ul	98
93) Benzo(a)pyrene	24.674	252	1473143	19.171	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.568	276	1913508	19.325	ng/ul	97
95) Dibenzo(a,h)anthracene	28.621	278	1591587	19.411	ng/ul	97
96) Benzo(g,h,i)perylene	29.762	276	1541720	19.118	ng/ul#	95

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

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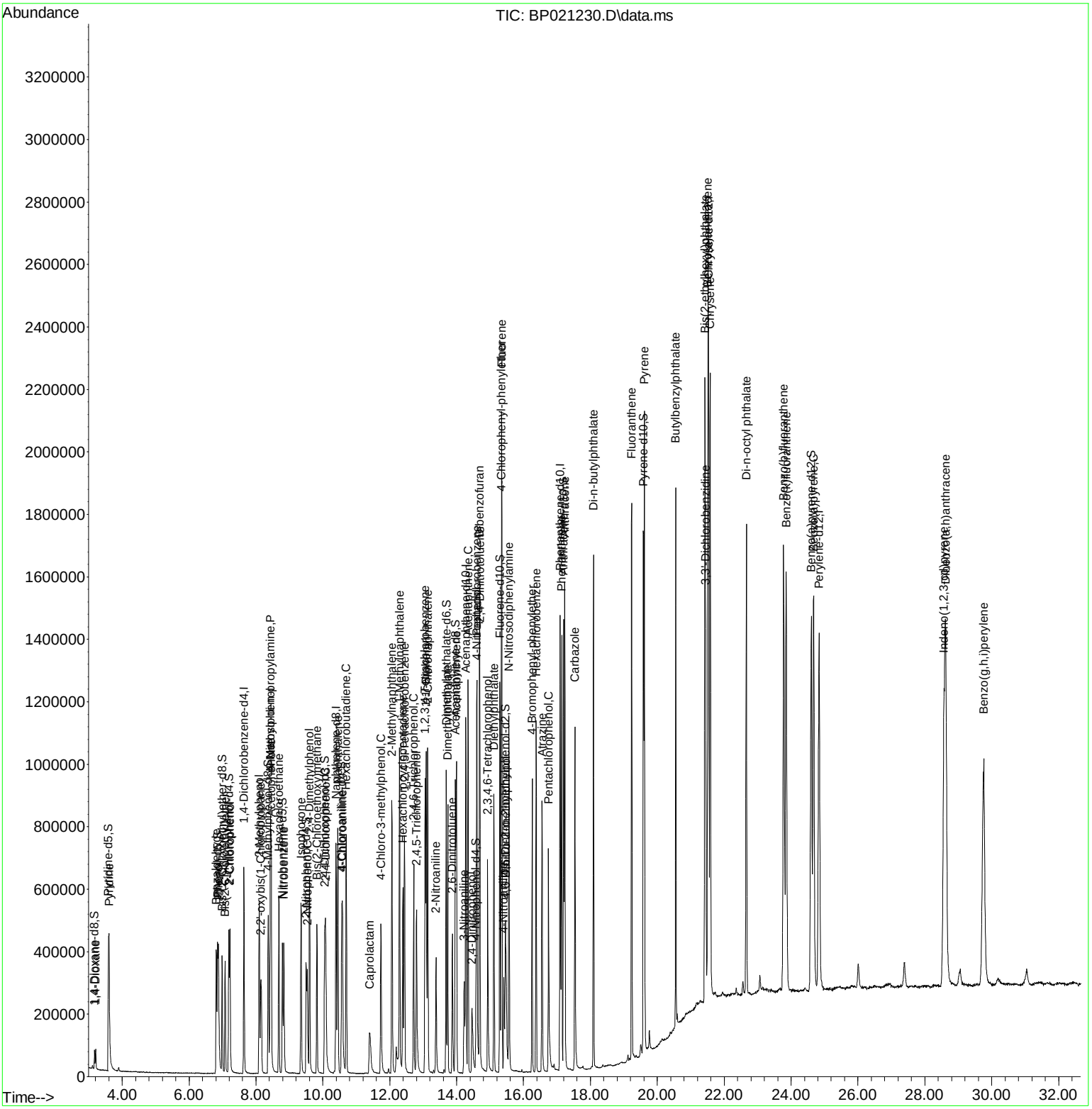
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