Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102521\
Data File : BP007686.D
Acq On : 26 Oct 2021 19:35
Operator : CG/JU
Sample : PB140178BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Oct 27 00:55:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 25 16:57:16 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS178

Manual Integrations APPROVED
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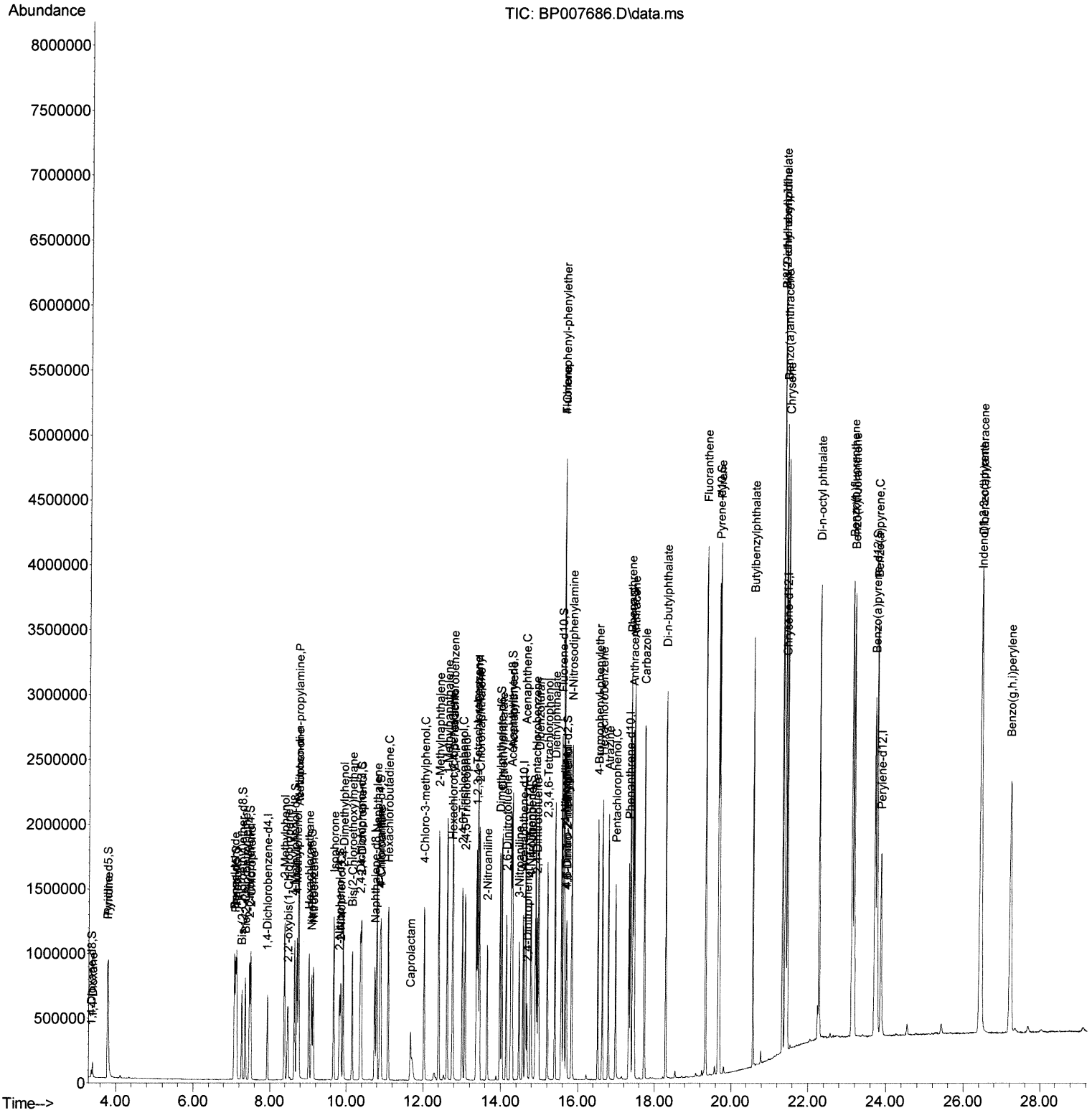

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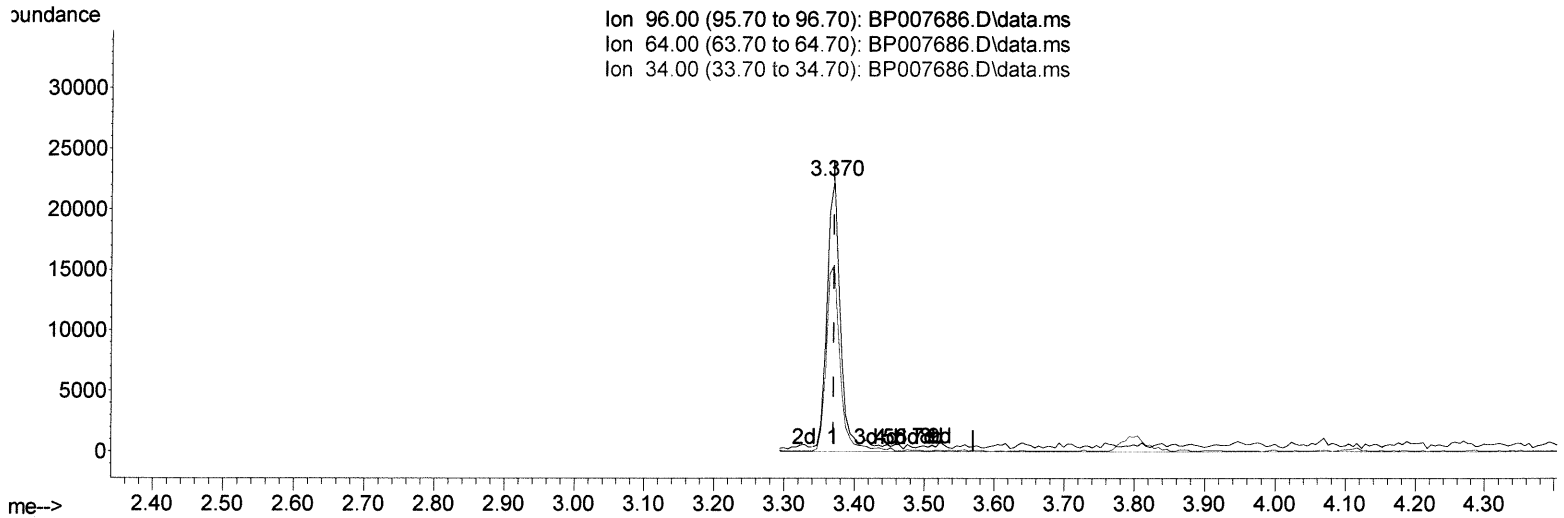

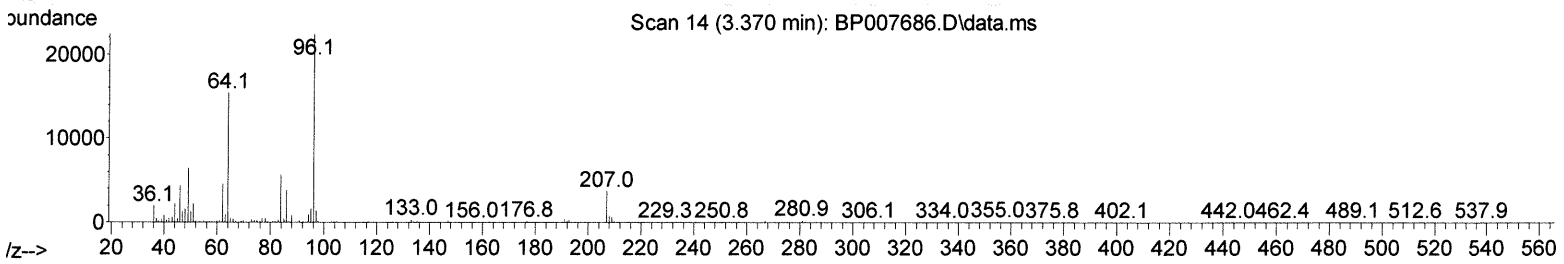

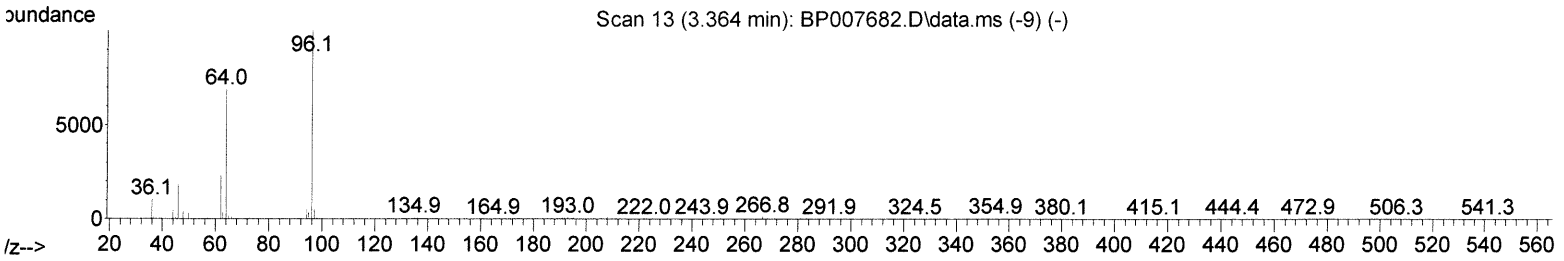

TIC: BP007686.D\data.ms

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

3.370min (-0.000) 7.28 ng/uL

response 28328

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	69.20	68.73
34.00	0.00	0.00
0.00	0.00	0.00

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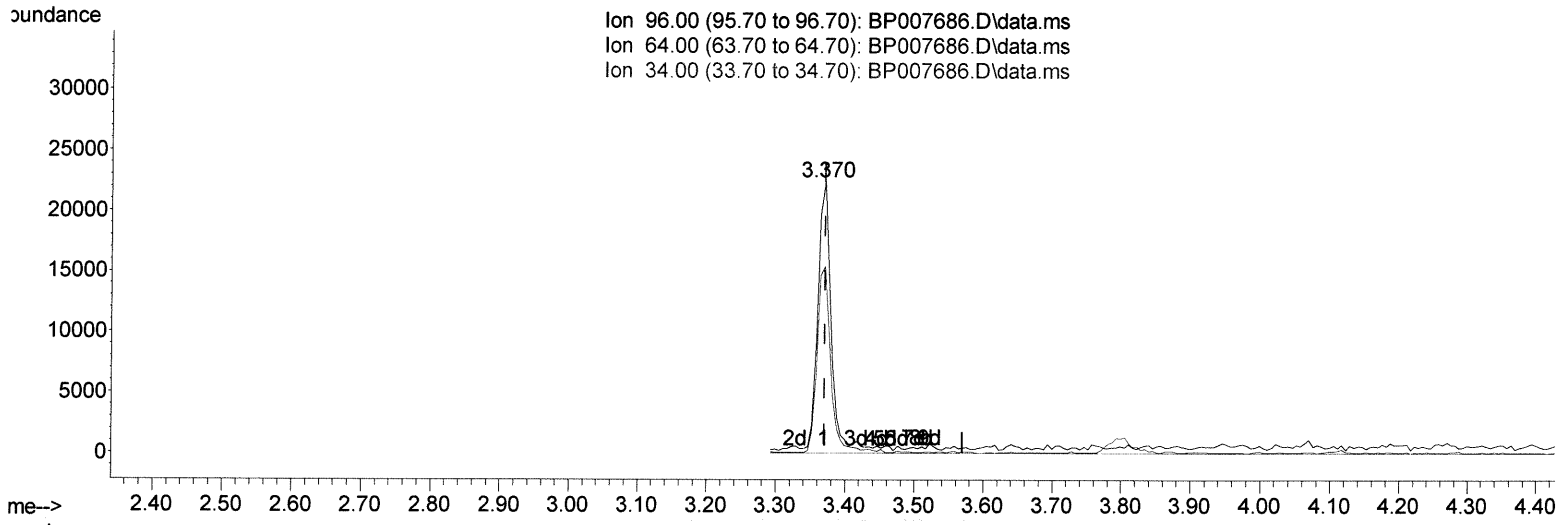

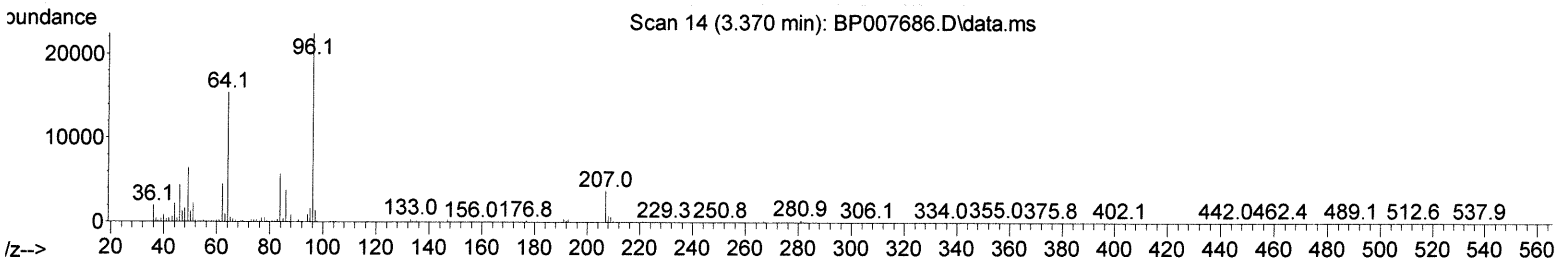

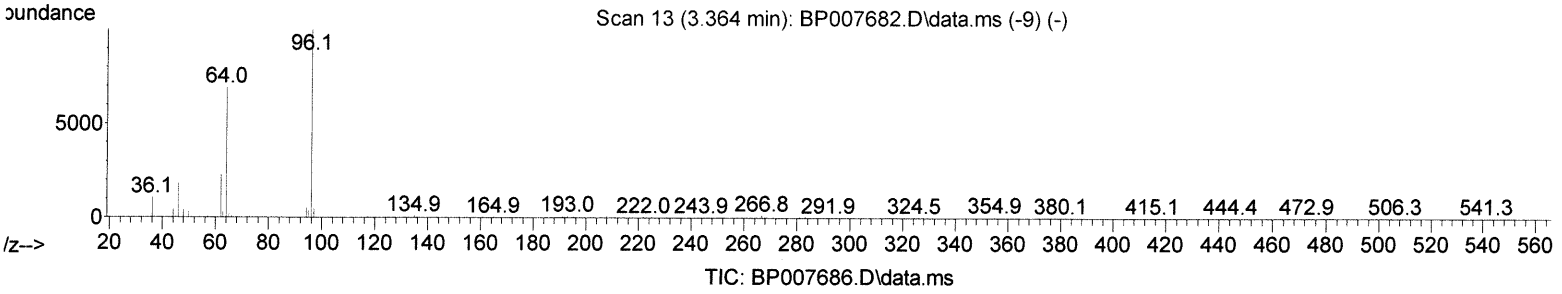

TIC: BP007686.D\data.ms

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

3.370min (-0.000) 7.36 ng/uL m 10/29/21 JU

response 28627

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	69.20	68.73
34.00	0.00	0.00
0.00	0.00	0.00

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Sample : PB140178BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

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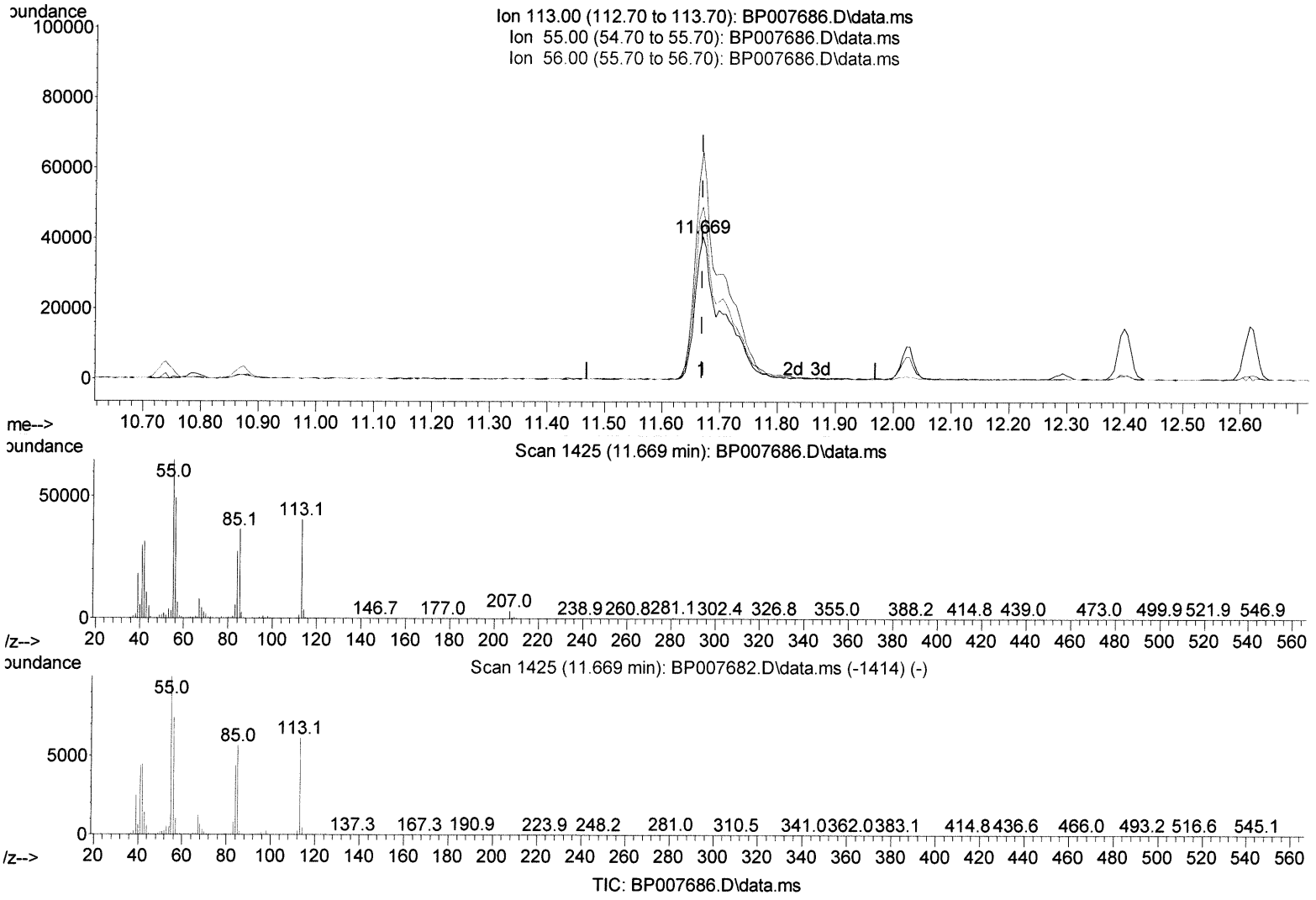

(34) Caprolactam

11.669min (-0.000) 23.03 ng/ul

response 80114

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	160.00
56.00	120.30	121.32
0.00	0.00	0.00

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ALS Vial : 44 Sample Multiplier: 1

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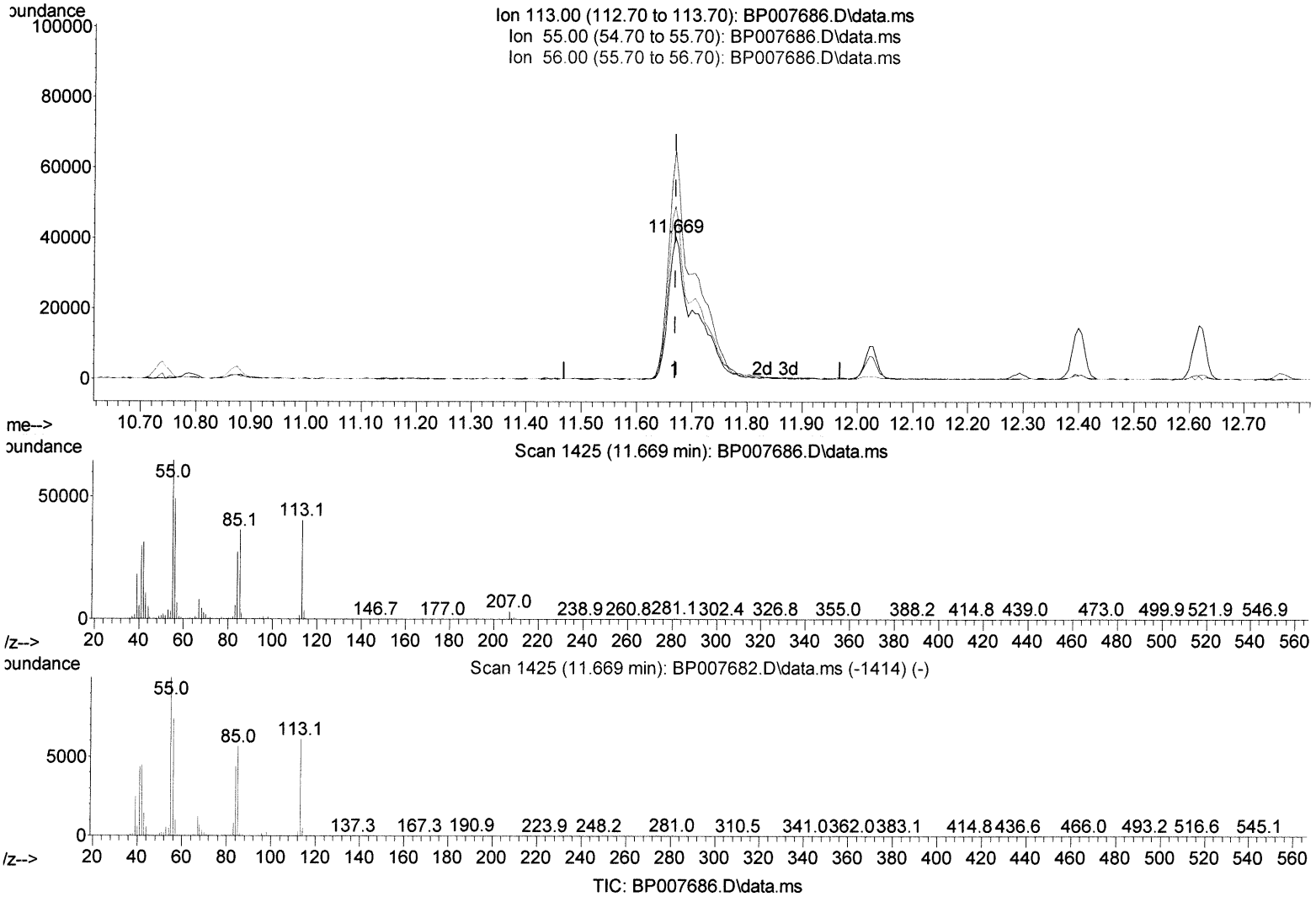

(34) Caprolactam

11.669min (-0.000) 38.40 ng/ul m 10/29/21 JU

response 133581

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	160.00
56.00	120.30	121.32
0.00	0.00	0.00

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	176651	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	714829	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	457795	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	976882	20.000	ng/ul	0.00
79) Chrysene-d12	21.422	240	1026420	20.000	ng/ul	0.00
88) Perylene-d12	23.868	264	1091228	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	28627m	7.361	ng/uL	0.00
4) Pyridine-d5	3.781	84	420602	35.766	ng/ul	0.00
7) Phenol-d5	7.099	99	522565	38.946	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	295974	39.731	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	419674	40.215	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	413048	39.314	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	199190	40.890	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	214792	40.371	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.357	165	429043	39.617	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.875	131	538284	37.591	ng/ul	0.00
46) Dimethylphthalate-d6	13.987	166	1248984	40.277	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	1508448	39.688	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	231141	40.663	ng/ul	0.00
60) Fluorene-d10	15.569	176	1037779	39.697	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	191505	36.649	ng/ul	0.00
73) Anthracene-d10	17.428	188	1589720	39.599	ng/ul	0.00
81) Pyrene-d10	19.663	212	2002983	41.915	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.710	264	2100638	39.187	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	62206	14.308	ng/uL#	89
5) Pyridine	3.799	79	429045	37.246	ng/ul	97
6) Benzaldehyde	7.069	77	326334	50.591	ng/ul	97
8) Phenol	7.128	94	545152	40.213	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.358	93	429425	40.180	ng/ul	98
12) 2-Chlorophenol	7.499	128	440753	41.661	ng/ul	96
13) 2-Methylphenol	8.381	108	414436	40.470	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.469	45	502795	41.419	ng/ul	99
16) Acetophenone	8.757	105	627517	40.019	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.752	70	307995	41.297	ng/ul	94
18) 4-Methylphenol	8.710	108	445590	40.803	ng/ul	98
19) Hexachloroethane	9.022	117	176622	40.793	ng/ul	94
22) Nitrobenzene	9.134	77	466564	40.591	ng/ul	96
23) Isophorone	9.669	82	886684	40.325	ng/ul	98
25) 2-Nitrophenol	9.852	139	240074	41.923	ng/ul	95
26) 2,4-Dimethylphenol	9.916	107	456691	37.458	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.152	93	565531	40.120	ng/ul	98
29) 2,4-Dichlorophenol	10.387	162	429689	40.499	ng/ul	98
30) Naphthalene	10.793	128	1315786	38.989	ng/ul	99
32) 4-Chloroaniline	10.899	127	550657	37.780	ng/ul	99
33) Hexachlorobutadiene	11.087	225	299037	38.658	ng/ul	100
34) Caprolactam	11.669	113	133581m	38.397	ng/ul	98
35) 4-Chloro-3-methylphenol	12.022	107	458517	41.743	ng/ul	98

10/29/21 JU

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.398	142	915100	39.442	ng/ul	100
37) 1-Methylnaphthalene	12.616	142	925811	39.520	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.769	216	551931	39.746	ng/ul#	97
40) Hexachlorocyclopentadiene	12.751	237	279514	31.039	ng/ul	97
41) 2,4,6-Trichlorophenol	13.004	196	360004	41.204	ng/ul	99
42) 2,4,5-Trichlorophenol	13.075	196	389322	41.384	ng/ul	99
43) 1,1'-Biphenyl	13.410	154	1250444	39.539	ng/ul	99
44) 2-Chloronaphthalene	13.445	162	958045	39.091	ng/ul	99
45) 2-Nitroaniline	13.645	65	270666	43.775	ng/ul	96
47) Dimethylphthalate	14.034	163	1250128	40.786	ng/ul	100
48) 2,6-Dinitrotoluene	14.145	165	255079	43.572	ng/ul	93
50) Acenaphthylene	14.292	152	1543595	40.114	ng/ul	100
51) 3-Nitroaniline	14.469	138	269600	43.420	ng/ul#	93
52) Acenaphthene	14.640	153	1008954	39.756	ng/ul	100
53) 2,4-Dinitrophenol	14.681	184	131623	36.022	ng/ul	96
55) 4-Nitrophenol	14.781	109	201237	40.045	ng/ul	95
56) Dibenzofuran	14.975	168	1464487	39.475	ng/ul	99
57) 2,4-Dinitrotoluene	14.934	165	371857	44.227	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.198	232	322236	42.022	ng/ul	96
59) Diethylphthalate	15.398	149	1231109	40.954	ng/ul	98
61) Fluorene	15.622	166	1142550	39.510	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.622	204	603694	39.365	ng/ul	97
63) 4-Nitroaniline	15.639	138	260425	45.178	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.698	198	200854	38.188	ng/ul	99
67) N-Nitrosodiphenylamine	15.834	169	1020143	40.477	ng/ul	98
68) 4-Bromophenyl-phenylether	16.516	248	387319	40.662	ng/ul	97
69) Hexachlorobenzene	16.634	284	446728	40.500	ng/ul	96
70) Atrazine	16.792	200	402734	38.539	ng/ul	98
71) Pentachlorophenol	16.981	266	267810	39.095	ng/ul	100
72) Phenanthrene	17.369	178	1916717	40.594	ng/ul	99
74) Anthracene	17.463	178	1872730	39.876	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	548869	38.430	ng/uL	99
76) Pentachlorobenzene	14.898	250	529973	38.481	ng/uL	100
77) Carbazole	17.733	167	1755483	40.490	ng/ul	99
78) Di-n-butylphthalate	18.292	149	2080158	41.906	ng/ul	99
80) Fluoranthene	19.339	202	2401835	41.011	ng/ul	97
82) Pyrene	19.692	202	2415575	40.752	ng/ul	97
83) Butylbenzylphthalate	20.569	149	965994	41.884	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.333	252	780494	41.029	ng/ul#	99
85) Benzo(a)anthracene	21.404	228	2490871	40.866	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	1397648	40.783	ng/ul	98
87) Chrysene	21.457	228	2381107	40.404	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	2530016	41.622	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	2728132	42.429	ng/ul	99
91) Benzo(k)fluoranthene	23.168	252	2512099	41.749	ng/ul	98
93) Benzo(a)pyrene	23.757	252	2614408	41.966	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.427	276	3165910	42.663	ng/ul	99
95) Dibenzo(a,h)anthracene	26.445	278	2718445	42.749	ng/ul	98
96) Benzo(g,h,i)perylene	27.209	276	2730987	43.269	ng/ul	97

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