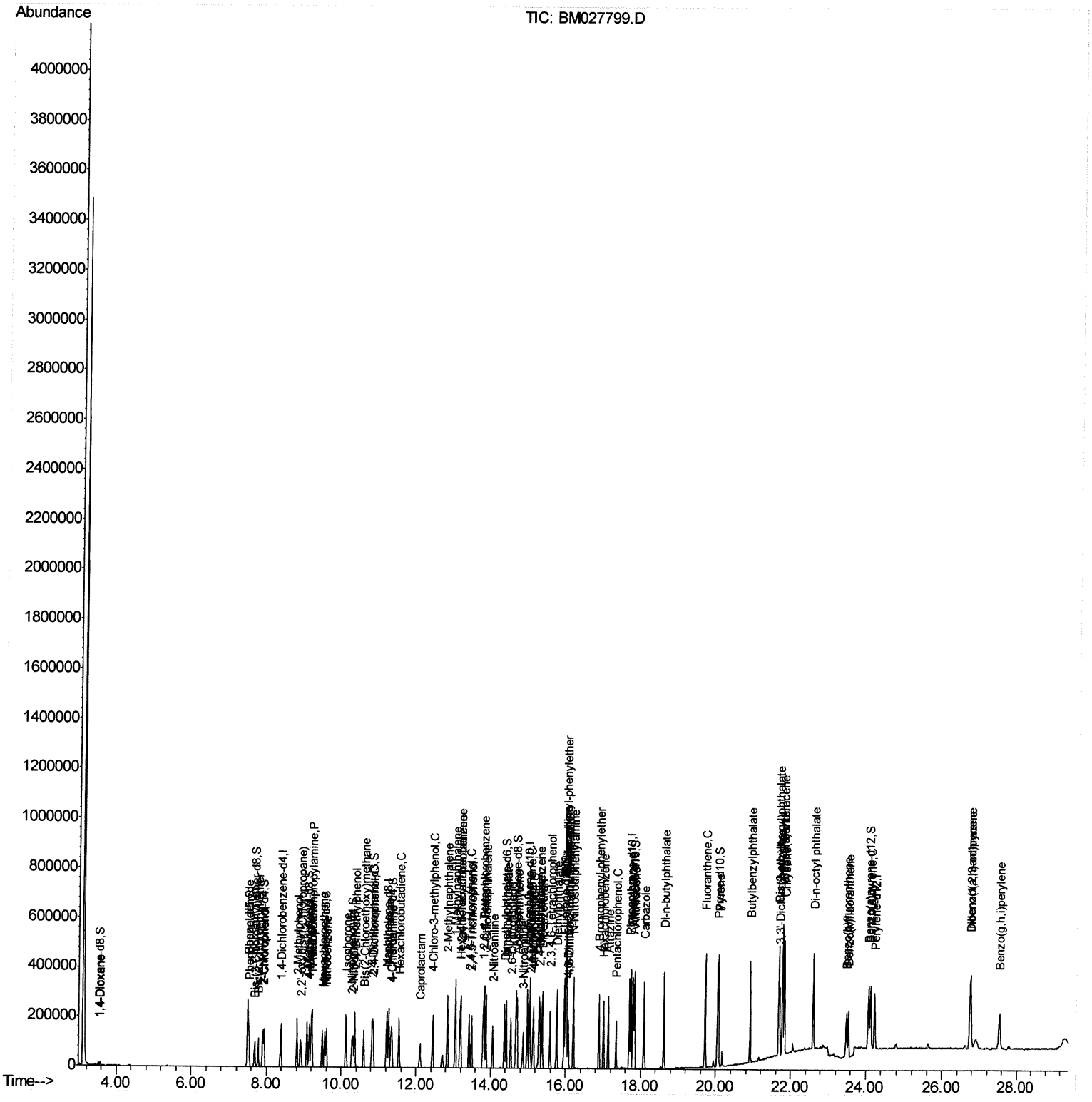
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111220\
Data File : BM027799.D
Acq On : 12 Nov 2020 20:10
Operator : JU/CG
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 13 01:46:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 13 01:34:23 2020
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111220\
Data File : BM027799.D
Acq On : 12 Nov 2020 20:10
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Quant Time: Nov 13 01:44:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 13 01:34:23 2020
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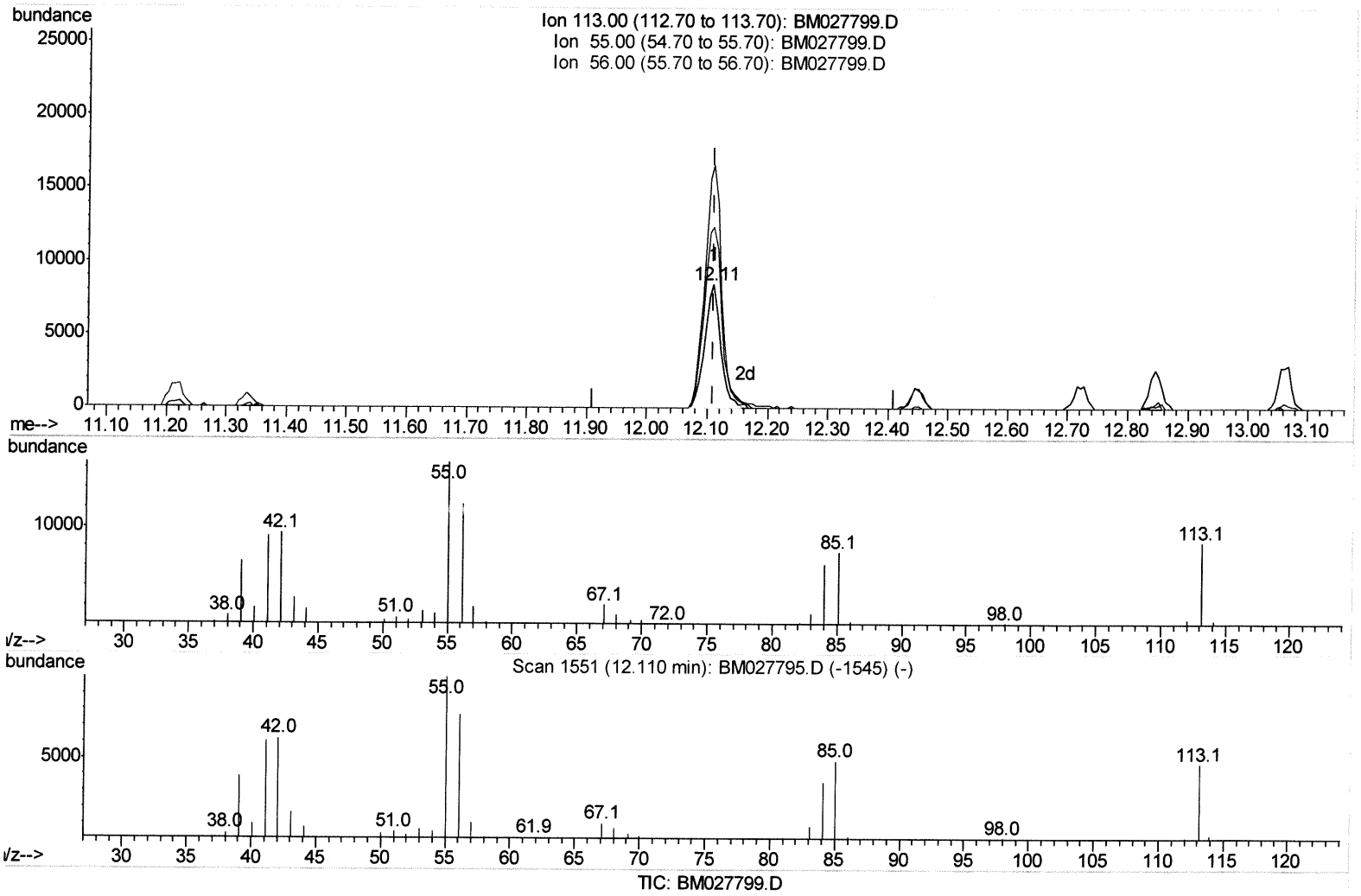

TIC: BM027799.D

(32) Caprolactam

12.110min (-0.000) 18.66ng/ul

response 15392

Ion	Exp%	Act%
113.00	100	100
55.00	216.30	196.71
56.00	167.30	146.23
0.00	0.00	0.00

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 13 01:44:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 13 01:34:23 2020
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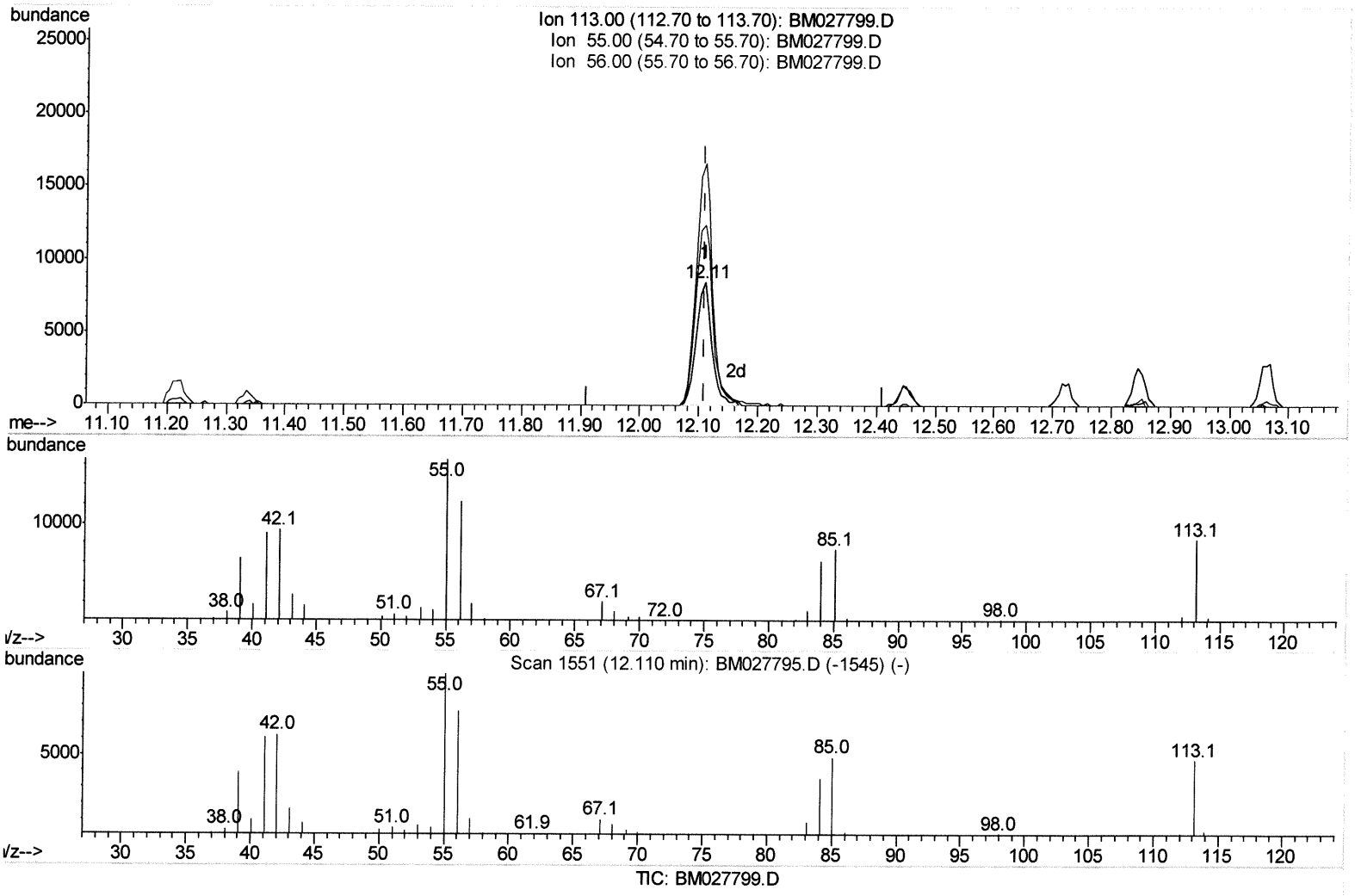

(32) Caprolactam

12.110min (-0.000) 18.78ng/ul m

response 15493

JU 11/29/20

Ion	Exp%	Act%
113.00	100	100
55.00	216.30	196.71
56.00	167.30	146.23
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111220\
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Operator : JU/CG
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 13 01:44:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 13 01:34:23 2020
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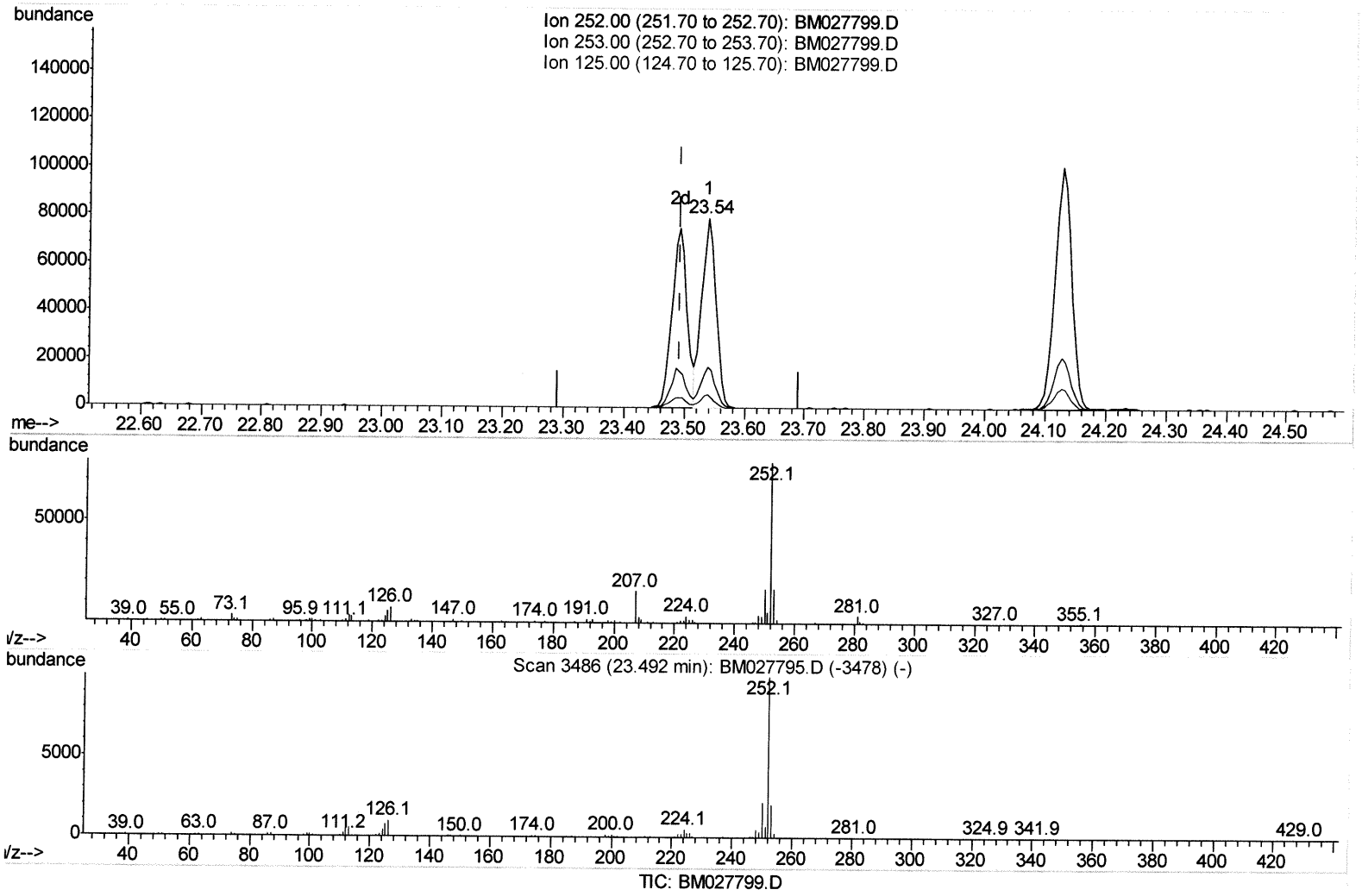

(88) Benzo(b)fluoranthene

23.539min (+0.047) 11.05ng/ul

response 130102

Ion	Exp%	Act%
252.00	100	100
253.00	20.90	21.51
125.00	7.60	7.25
0.00	0.00	0.00

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 13 01:44:11 2020
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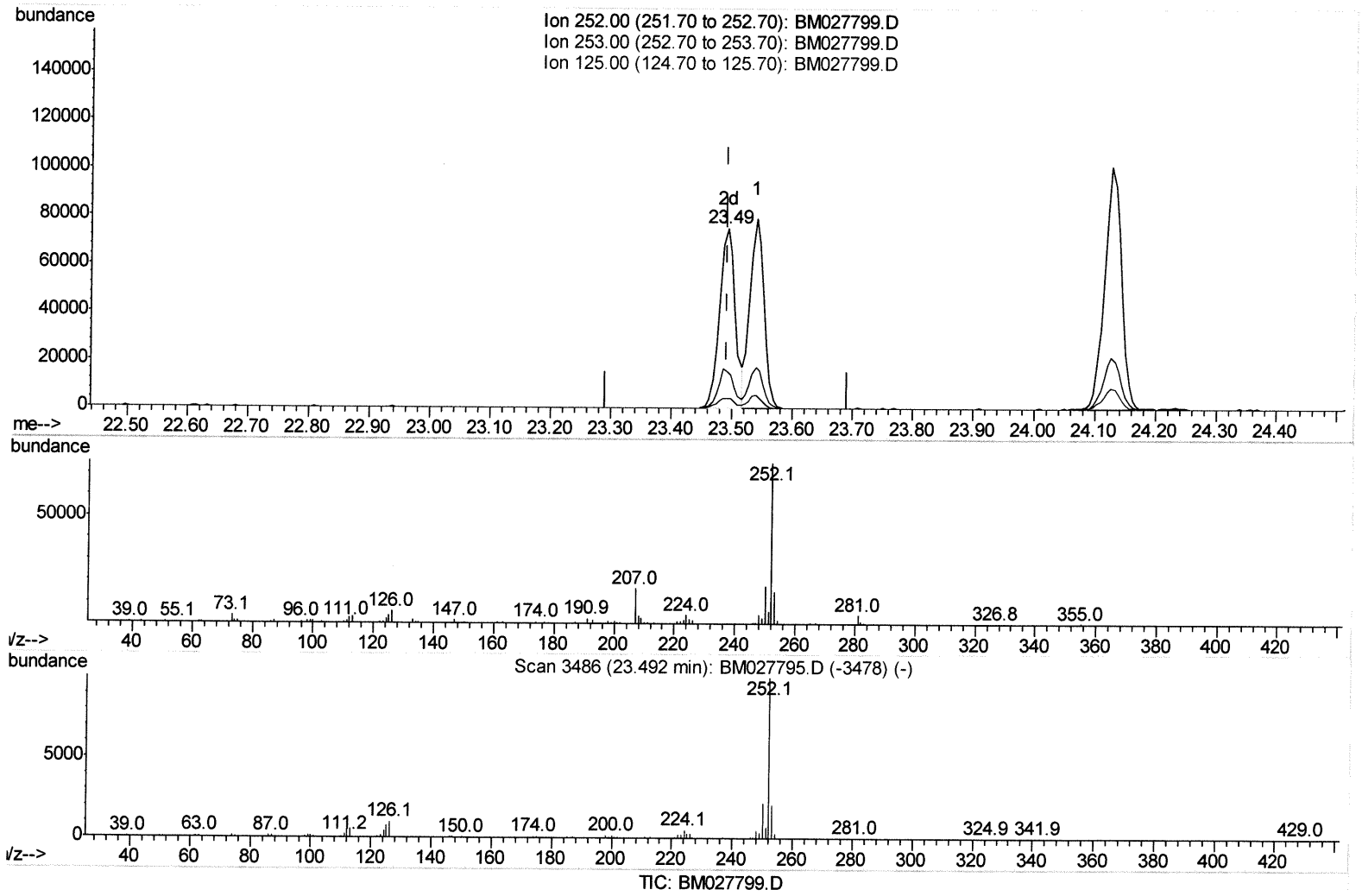

TIC: BM027799.D

(88) Benzo(b)fluoranthene

23.491min (-0.000) 11.41ng/ul m

response 134244

JY 11/24/20

Ion	Exp%	Act%
252.00	100	100
253.00	20.90	20.30
125.00	7.60	5.25#
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 13 01:34:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	39972	20.00	ng/ul	0.00
18) Naphthalene-d8	11.22	136	164292	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.99	164	99098	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.70	188	202197	20.00	ng/ul	0.00
78) Chrysene-d12	21.80	240	175109	20.00	ng/ul	0.00
86) Perylene-d12	24.23	264	167115	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	6519	6.23	ng/uL	0.00
5) Phenol-d5	7.50	99	71010	18.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	44826	19.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	54623	19.37	ng/ul	0.00
13) 4-Methylphenol-d8	9.07	113	56549	19.19	ng/ul	0.00
19) Nitrobenzene-d5	9.55	128	26305	18.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.28	143	26890	18.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.82	165	55674	19.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.33	131	61941	19.72	ng/ul	0.00
44) Dimethylphthalate-d6	14.38	166	149830	19.06	ng/ul	0.00
47) Acenaphthylene-d8	14.69	160	193281	19.52	ng/ul	0.00
52) 4-Nitrophenol-d4	15.13	143	27014	19.35	ng/ul	0.00
58) Fluorene-d10	15.96	176	134096	19.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.06	200	22891	18.63	ng/ul	0.00
71) Anthracene-d10	17.80	188	193548	18.97	ng/ul	0.00
79) Pyrene-d10	20.04	212	203170	18.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.07	264	177312	18.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	6747	5.951	ng/uL	94
4) Benzaldehyde	7.49	77	44912	19.869	ng/ul	96
6) Phenol	7.53	94	71050	18.700	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.77	93	57673	19.387	ng/ul	98
10) 2-Chlorophenol	7.93	128	53138	18.874	ng/ul	96
11) 2-Methylphenol	8.81	108	52915	18.809	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.90	45	89206	19.497	ng/ul	97
14) Acetophenone	9.21	105	90167	19.314	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.19	70	47398	19.333	ng/ul	99
16) 4-Methylphenol	9.14	108	55855	18.655	ng/ul	97
17) Hexachloroethane	9.49	117	25896	19.506	ng/ul	94
20) Nitrobenzene	9.60	77	77481	18.860	ng/ul	96
21) Isophorone	10.12	82	130600	19.225	ng/ul	98
23) 2-Nitrophenol	10.32	139	29702	19.393	ng/ul	94
24) 2,4-Dimethylphenol	10.36	107	67925	18.476	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.60	93	76410	19.061	ng/ul	100
27) 2,4-Dichlorophenol	10.85	162	53084	19.236	ng/ul	96
28) Naphthalene	11.27	128	174091	18.821	ng/ul	100
30) 4-Chloroaniline	11.36	127	58651	19.542	ng/ul	99
31) Hexachlorobutadiene	11.55	225	40408	19.485	ng/ul	99
32) Caprolactam	12.11	113	15493m	18.779	ng/ul	98
33) 4-Chloro-3-methylphenol	12.45	107	61665	19.385	ng/ul	98
34) 2-Methylnaphthalene	12.85	142	120336	19.060	ng/ul	96

> JU 11/24/20

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 13 01:34:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	13.06	142	140130	19.020 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	13.20	216	67938	18.741 ng/ul	99
38) Hexachlorocyclopentadiene	13.19	237	45487	18.703 ng/ul	100
39) 2,4,6-Trichlorophenol	13.43	196	43145	19.333 ng/ul	96
40) 2,4,5-Trichlorophenol	13.50	196	46178	19.127 ng/ul	99
41) 1,1'-Biphenyl	13.83	154	157848	18.912 ng/ul	98
42) 2-Chloronaphthalene	13.88	162	127245	18.875 ng/ul	99
43) 2-Nitroaniline	14.06	65	43855	19.556 ng/ul	94
45) Dimethylphthalate	14.43	163	153861	19.169 ng/ul	98
46) 2,6-Dinitrotoluene	14.55	165	30612	20.049 ng/ul	96
48) Acenaphthylene	14.72	152	184012	19.144 ng/ul	99
49) 3-Nitroaniline	14.87	138	25879	19.022 ng/ul	98
50) Acenaphthene	15.05	153	130309	19.056 ng/ul	98
51) 2,4-Dinitrophenol	15.07	184	16137	18.103 ng/ul#	53
53) 4-Nitrophenol	15.15	109	32595	19.733 ng/ul	98
54) Dibenzofuran	15.38	168	179494	19.011 ng/ul	100
55) 2,4-Dinitrotoluene	15.32	165	42946	19.612 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.59	232	38622	20.119 ng/ul	93
57) Diethylphthalate	15.77	149	153114	19.534 ng/ul	97
59) Fluorene	16.02	166	147553	19.221 ng/ul	97
60) 4-Chlorophenyl-phenylether	16.00	204	75648	19.106 ng/ul	96
61) 4-Nitroaniline	16.02	138	28233	18.573 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	16.07	198	23371	18.217 ng/ul	100
65) N-Nitrosodiphenylamine	16.21	169	122609	19.220 ng/ul	98
66) 4-Bromophenyl-phenylether	16.89	248	44428	19.497 ng/ul	95
67) Hexachlorobenzene	17.01	284	50606	19.246 ng/ul	97
68) Atrazine	17.13	200	44573	19.376 ng/ul	97
69) Pentachlorophenol	17.34	266	28757	18.777 ng/ul	96
70) Phenanthrene	17.74	178	225637	18.940 ng/ul	99
72) Anthracene	17.83	178	231296	19.091 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.80	216	69053	19.251 ng/uL	93
74) Pentachlorobenzene	15.30	250	60653	18.690 ng/uL	96
75) Carbazole	18.09	167	195617	19.243 ng/ul	99
76) Di-n-butylphthalate	18.62	149	231173	19.220 ng/ul	99
77) Fluoranthene	19.72	202	254312	19.278 ng/ul	99
80) Pyrene	20.07	202	262588	18.696 ng/ul	99
81) Butylbenzylphthalate	20.92	149	100225	18.636 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.70	252	66099	19.515 ng/ul	99
83) Benzo(a)anthracene	21.78	228	233244	18.800 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	132737	18.740 ng/ul	97
85) Chrysene	21.83	228	223264	18.576 ng/ul	99
87) Di-n-octyl phthalate	22.61	149	219598	17.550 ng/ul	100
88) Benzo(b)fluoranthene	23.49	252	134244m	11.406 ng/ul	> JU 11/24/20
89) Benzo(k)fluoranthene	23.54	252	130102	11.472 ng/ul	99
91) Benzo(a)pyrene	24.13	252	195852	18.781 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.76	276	223059	18.471 ng/ul	98
93) Dibenzo(a,h)anthracene	26.77	278	184864	18.348 ng/ul	99
94) Benzo(g,h,i)perylene	27.53	276	186545	18.409 ng/ul#	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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