Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111220\
Data File : BM027797.D
Acq On : 12 Nov 2020 18:22
Operator : JU/CG
Sample : SSTD08002
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 13 01:20:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 12 17:41:27 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08002

Manual Integrations APPROVED
mohammad
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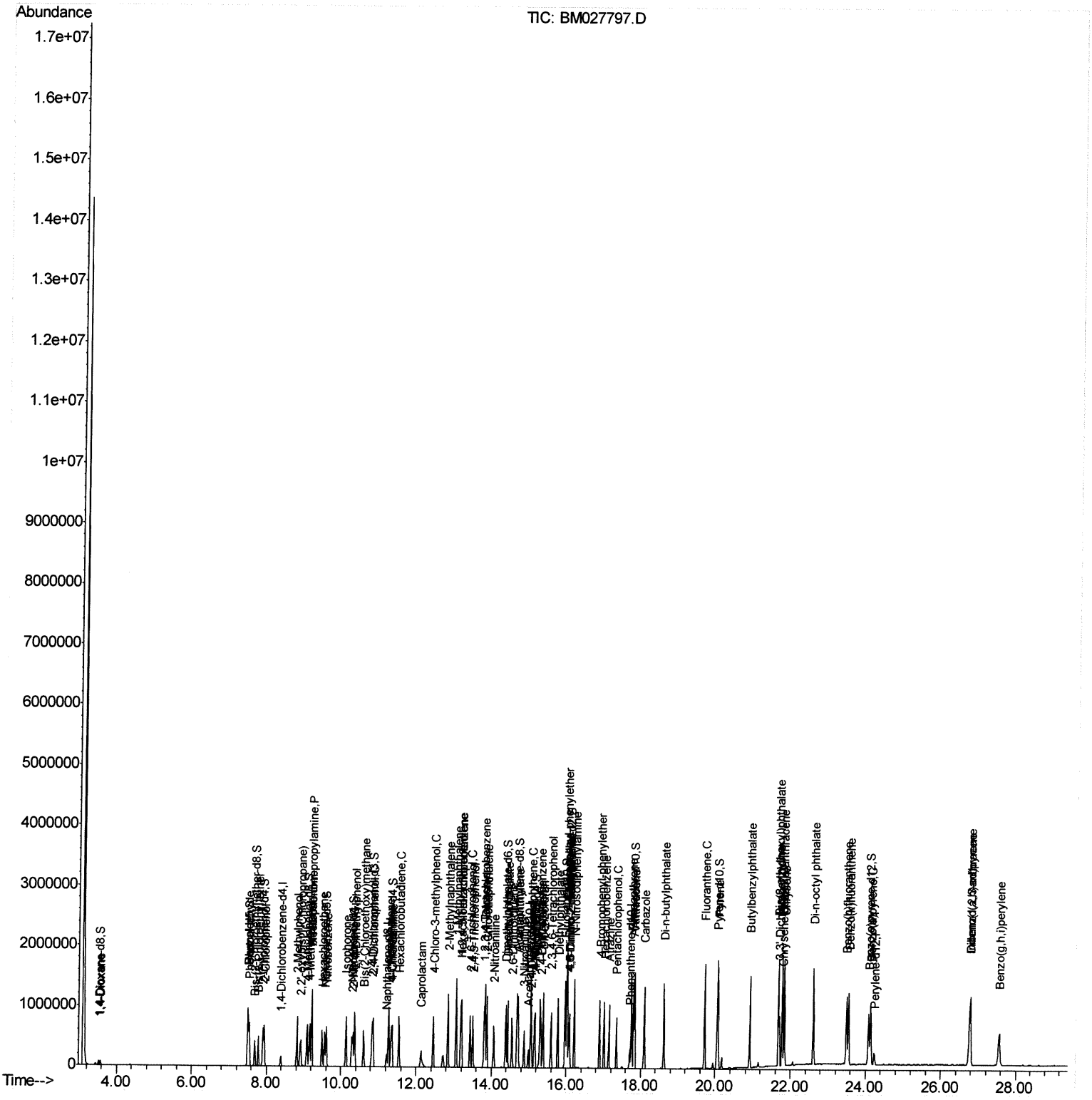

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111220\
Data File : BM027797.D
Acq On : 12 Nov 2020 18:22
Operator : JU/CG
Sample : SSTD08002
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 13 01:06:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 12 17:41:27 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08002

Manual Integrations APPROVED
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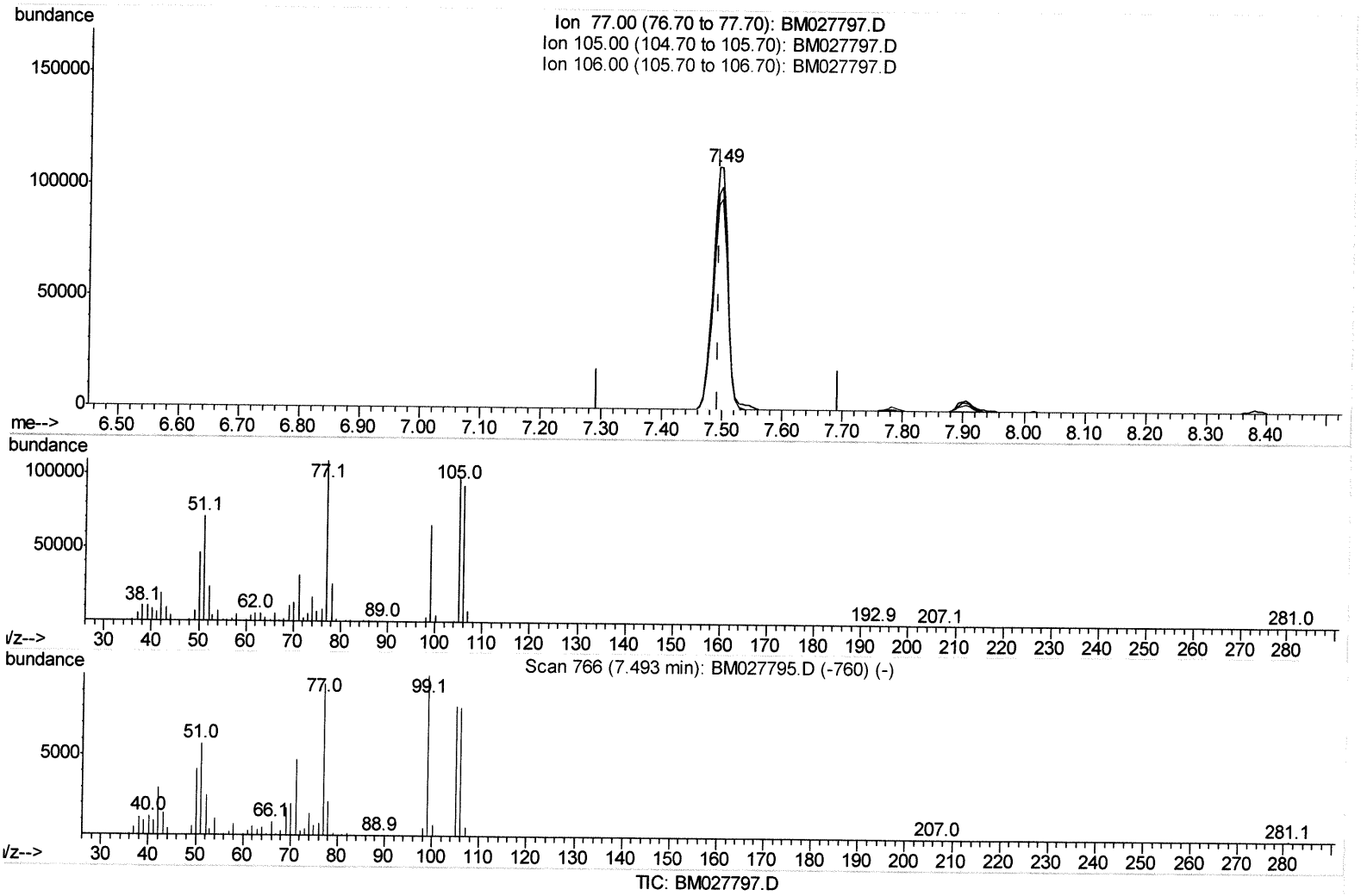

TIC: BM027797.D

(4) Benzaldehyde

7.492min (-0.000) 76.01ng/ul

response 183138

Ion	Exp%	Act%
77.00	100	100
105.00	85.10	89.16
106.00	84.90	84.72
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111220\
Data File : BM027797.D
Acq On : 12 Nov 2020 18:22
Operator : JU/CG
Sample : SSTD08002
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 13 01:06:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
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BNA_M
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Manual Integrations APPROVED
mohammad
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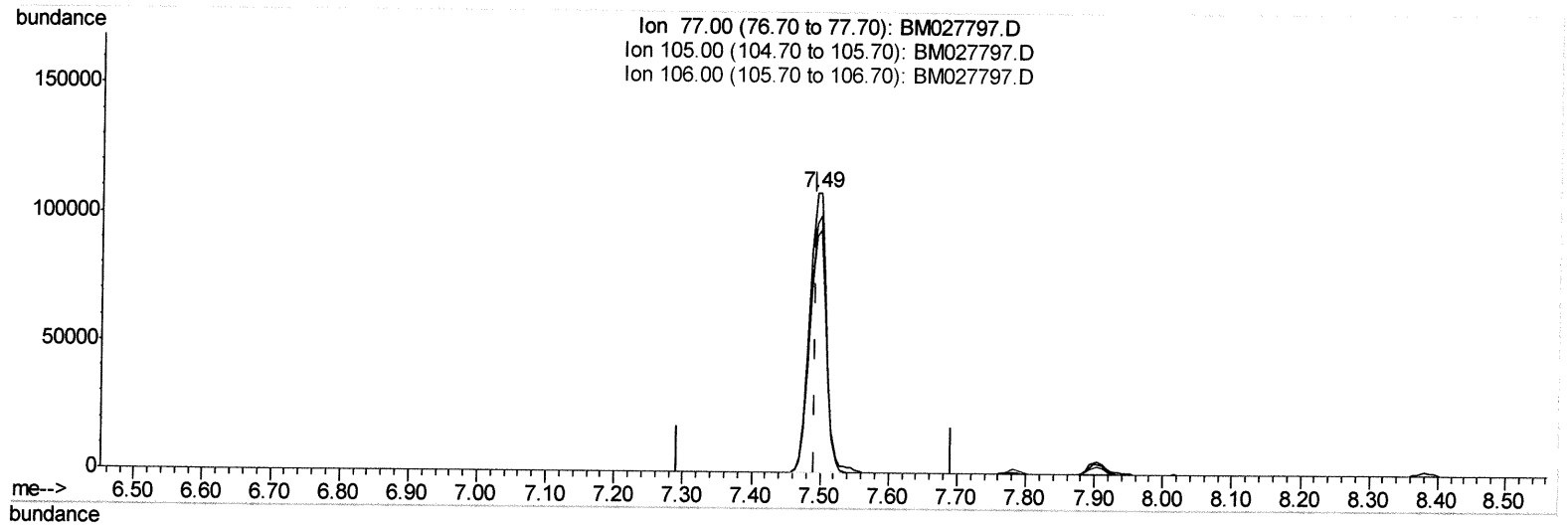

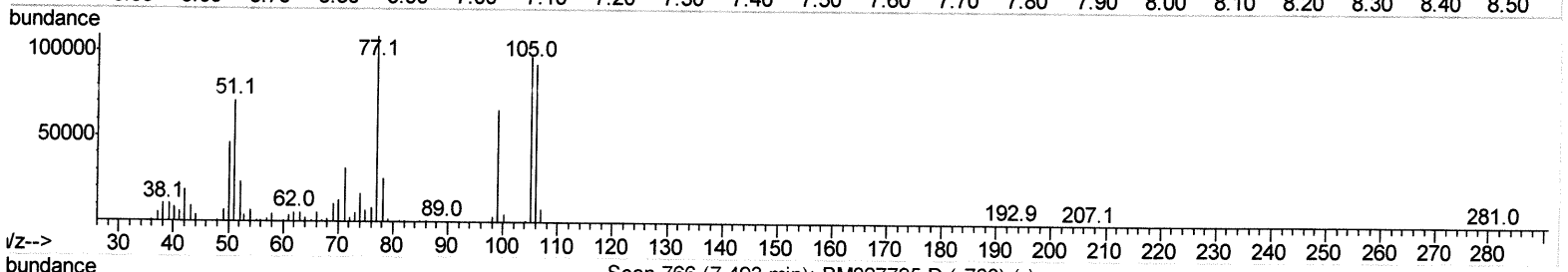

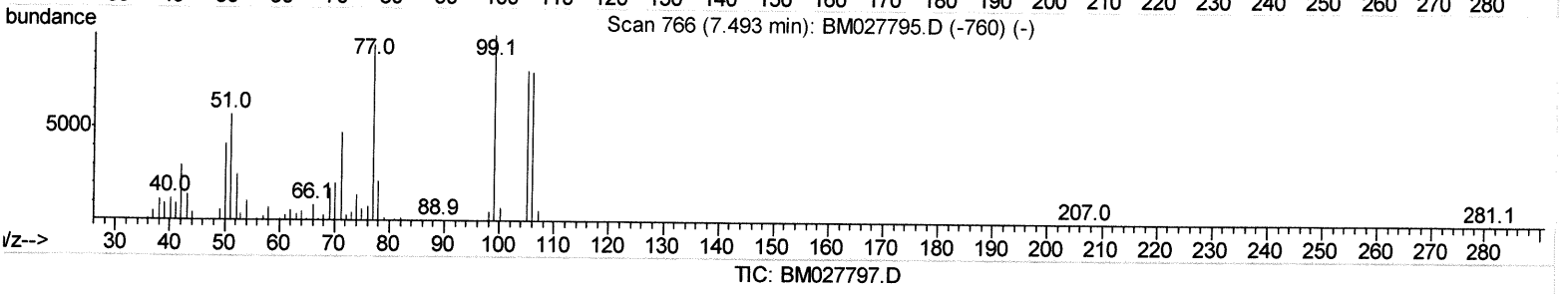

TIC: BM027797.D

(4) Benzaldehyde

7.492min (-0.000) 77.24ng/ul m JU 11/24/20

response 186094

Ion	Exp%	Act%
77.00	100	100
105.00	85.10	89.16
106.00	84.90	84.72
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111220\
Data File : BM027797.D
Acq On : 12 Nov 2020 18:22
Operator : JU/CG
Sample : SSTD08002
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 13 01:06:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 12 17:41:27 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08002

Manual Integrations APPROVED
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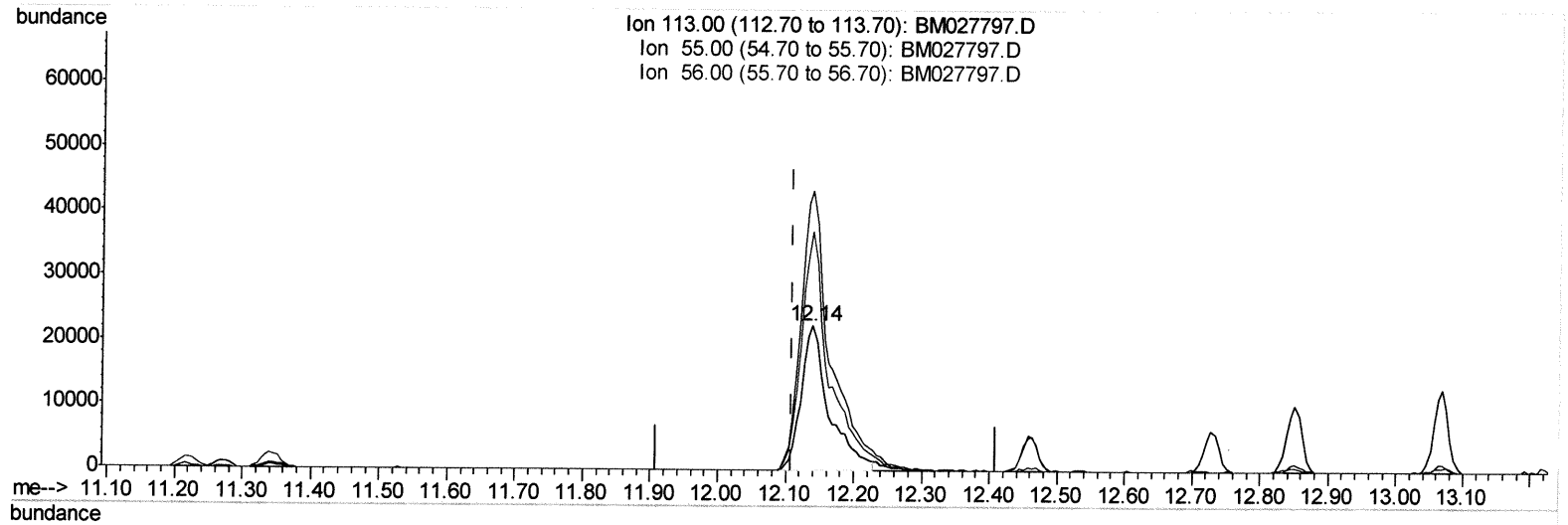
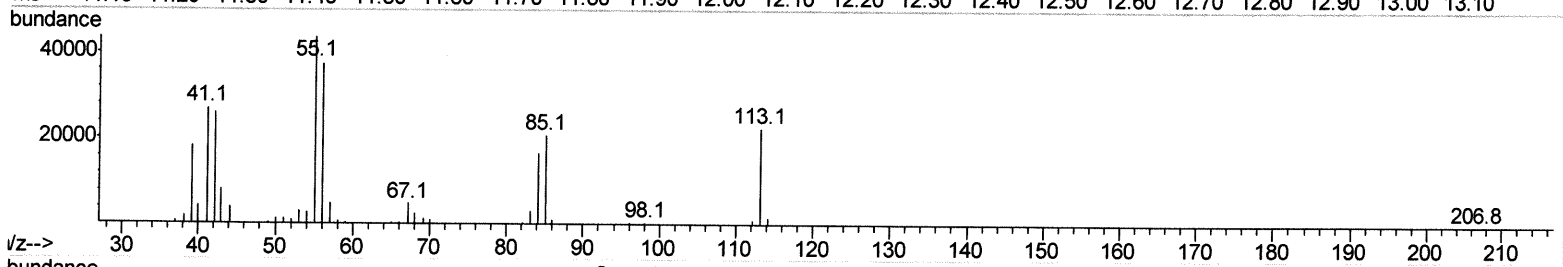
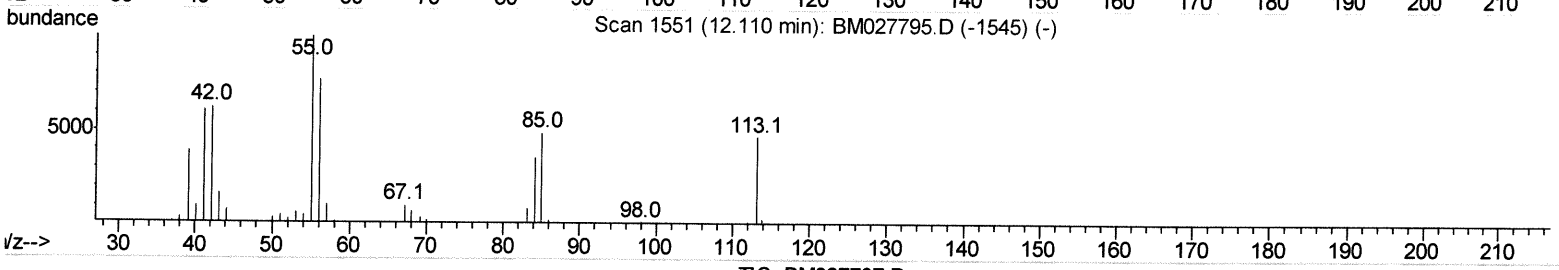




Scan 1551 (12.110 min): BM027795.D (-1545) (-)



TIC: BM027797.D

(32) Caprolactam

12.139min (+0.029) 70.28ng/ul

response 63918

Ion	Exp%	Act%
113.00	100	100
55.00	216.30	193.48
56.00	167.30	165.31
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111220\
Data File : BM027797.D
Acq On : 12 Nov 2020 18:22
Operator : JU/CG
Sample : SSTD08002
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 13 01:06:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 12 17:41:27 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08002

Manual Integrations APPROVED
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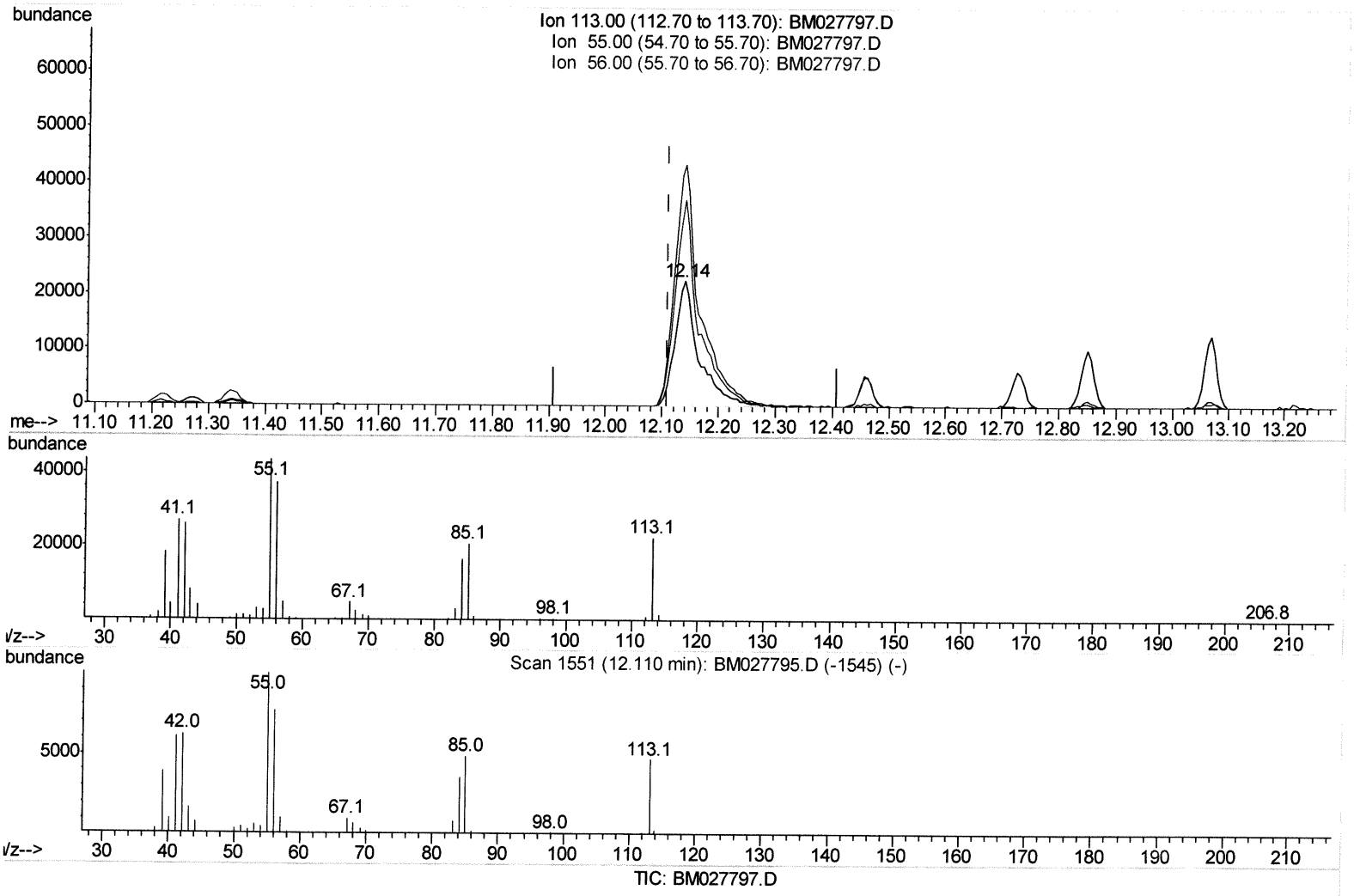

(32) Caprolactam

12.139min (+0.029) 72.40ng/ul m JU 11/24/20

response 65850

Ion	Exp%	Act%
113.00	100	100
55.00	216.30	193.48
56.00	167.30	165.31
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111220\
Data File : BM027797.D
Acq On : 12 Nov 2020 18:22
Operator : JU/CG
Sample : SSTD08002
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD08002

Manual Integrations APPROVED
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Quant Time: Nov 13 01:20:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 12 17:41:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	40549	20.00	ng/ul	0.00
18) Naphthalene-d8	11.22	136	162147	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.99	164	95545	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.70	188	189926	20.00	ng/ul	0.00
78) Chrysene-d12	21.80	240	154864	20.00	ng/ul	0.00
86) Perylene-d12	24.24	264	144031	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	32998	36.21	ng/uL	0.00
5) Phenol-d5	7.51	99	311363	93.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.69	67	189854	85.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	232962	95.18	ng/ul	0.00
13) 4-Methylphenol-d8	9.09	113	242897	89.11	ng/ul	0.01
19) Nitrobenzene-d5	9.56	128	111900	91.67	ng/ul	0.01
22) 2-Nitrophenol-d4	10.29	143	124067	92.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.83	165	238712	82.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.35	131	261761	76.86	ng/ul	0.00
44) Dimethylphthalate-d6	14.39	166	603506	79.38	ng/ul	0.00
47) Acenaphthylene-d8	14.69	160	789524	91.94	ng/ul	0.00
52) 4-Nitrophenol-d4	15.15	143	112125	83.75	ng/ul	0.01
58) Fluorene-d10	15.97	176	536029	78.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	101030	83.12	ng/ul	0.00
71) Anthracene-d10	17.80	188	775413	86.33	ng/ul	0.00
79) Pyrene-d10	20.04	212	790032	114.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.09	264	676010	87.50	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	34889	31.988	ng/uL	95
4) Benzaldehyde	7.49	77	186094m	77.241	ng/ul	> JU 11/24/20
6) Phenol	7.54	94	311440	87.677	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.78	93	238441	83.577	ng/ul	98
10) 2-Chlorophenol	7.93	128	230559	90.323	ng/ul	97
11) 2-Methylphenol	8.82	108	229762	87.635	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.91	45	370102	172.034	ng/ul	97
14) Acetophenone	9.22	105	379004	82.841	ng/ul	99
15) N-Nitroso-di-n-propylamine	9.21	70	201870	77.115	ng/ul	100
16) 4-Methylphenol	9.16	108	244614	85.477	ng/ul	94
17) Hexachloroethane	9.49	117	109859	86.503	ng/ul	98
20) Nitrobenzene	9.60	77	327465	82.143	ng/ul	99
21) Isophorone	10.13	82	547912	80.979	ng/ul	99
23) 2-Nitrophenol	10.32	139	126963	87.360	ng/ul	93
24) 2,4-Dimethylphenol	10.36	107	288041	86.554	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.60	93	313679	81.607	ng/ul	100
27) 2,4-Dichlorophenol	10.86	162	223877	78.048	ng/ul	99
28) Naphthalene	11.27	128	730659	84.807	ng/ul	99
30) 4-Chloroaniline	11.37	127	248100	72.286	ng/ul	98
31) Hexachlorobutadiene	11.55	225	164450	72.688	ng/ul	97
32) Caprolactam	12.14	113	65850m	72.402	ng/ul	> JU 11/24/20
33) 4-Chloro-3-methylphenol	12.46	107	255836	83.738	ng/ul	96
34) 2-Methylnaphthalene	12.85	142	501337	76.967	ng/ul	98

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Sample : SSTD08002
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD08002

Manual Integrations APPROVED
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11/16/2020 11:50:24 AM

Quant Time: Nov 13 01:20:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 12 17:41:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	13.07	142	583972	90.091 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	13.21	216	278398	86.681 ng/ul	98
38) Hexachlorocyclopentadiene	13.19	237	196201	93.361 ng/ul	99
39) 2,4,6-Trichlorophenol	13.44	196	176745	90.491 ng/ul	97
40) 2,4,5-Trichlorophenol	13.51	196	192377	91.193 ng/ul	97
41) 1,1'-Biphenyl	13.83	154	639344	88.971 ng/ul	99
42) 2-Chloronaphthalene	13.89	162	518442	88.655 ng/ul	99
43) 2-Nitroaniline	14.07	65	187156	108.996 ng/ul	95
45) Dimethylphthalate	14.43	163	612972	76.507 ng/ul	100
46) 2,6-Dinitrotoluene	14.56	165	132592	86.792 ng/ul	94
48) Acenaphthylene	14.72	152	751843	86.718 ng/ul	99
49) 3-Nitroaniline	14.88	138	114921	84.451 ng/ul	90
50) Acenaphthene	15.06	153	532153	85.469 ng/ul	97
51) 2,4-Dinitrophenol	15.08	184	74354	77.812 ng/ul	98
53) 4-Nitrophenol	15.17	109	132880	95.232 ng/ul	95
54) Dibenzofuran	15.39	168	721620	77.506 ng/ul	99
55) 2,4-Dinitrotoluene	15.33	165	183064	77.738 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.60	232	155788	74.517 ng/ul	95
57) Diethylphthalate	15.78	149	613699	73.457 ng/ul	98
59) Fluorene	16.03	166	596228	74.509 ng/ul	99
60) 4-Chlorophenyl-phenylether	16.01	204	304834	69.608 ng/ul	95
61) 4-Nitroaniline	16.03	138	125759	79.620 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	16.09	198	104437	79.365 ng/ul	93
65) N-Nitrosodiphenylamine	16.22	169	490339	91.554 ng/ul	98
66) 4-Bromophenyl-phenylether	16.89	248	176473	80.266 ng/ul	97
67) Hexachlorobenzene	17.02	284	196050	73.658 ng/ul	99
68) Atrazine	17.14	200	176448	76.047 ng/ul	99
69) Pentachlorophenol	17.34	266	120493	73.767 ng/ul	95
70) Phenanthrene	17.74	178	896226	82.397 ng/ul	99
72) Anthracene	17.84	178	920201	83.043 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.81	216	273641	109.457 ng/uL	97
74) Pentachlorobenzene	15.30	250	243394	88.284 ng/uL	97
75) Carbazole	18.09	167	777305	82.874 ng/ul	98
76) Di-n-butylphthalate	18.63	149	947858	81.373 ng/ul	98
77) Fluoranthene	19.72	202	1001617	74.735 ng/ul	97
80) Pyrene	20.07	202	1018149	108.679 ng/ul	96
81) Butylbenzylphthalate	20.93	149	406163	113.271 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.70	252	255393	75.092 ng/ul	99
83) Benzo(a)anthracene	21.79	228	889860	88.681 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.68	149	544377	97.446 ng/ul	98
85) Chrysene	21.84	228	854759	86.213 ng/ul	98
87) Di-n-octyl phthalate	22.62	149	901364	100.777 ng/ul	100
88) Benzo(b)fluoranthene	23.50	252	829800	87.264 ng/ul	97
89) Benzo(k)fluoranthene	23.55	252	815969	85.588 ng/ul	98
91) Benzo(a)pyrene	24.14	252	749955	84.530 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.77	276	865116	74.277 ng/ul	98
93) Dibenzo(a,h)anthracene	26.79	278	720099	73.097 ng/ul	99
94) Benzo(g,h,i)perylene	27.56	276	717652	73.721 ng/ul#	97

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Sample : SSTD08002
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 13 01:20:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 12 17:41:27 2020
Response via : Initial Calibration

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

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